

INVITATION FOR BID

**THIS FORM MUST BE COMPLETED AND
SIGNED FOR YOUR BID TO BE CONSIDERED VALID.**

Address to: Procurement Manager
City of Kingsport
225 W Center Street
Kingsport, TN 37660
phone (423) 229-9419 or fax (423) 224-2433

Date Issued: January, 9, 2017
F.O.B. Kingsport

Total Number of Pages: 62

This sealed bid in the original copy, subject to the terms and conditions on the attachment, will be received by the Procurement Manager until 4:00 P.M., Eastern Time on January 24, 2017 at which time will be publicly opened in the Council Room, City Hall, 225 W. Center Street, Kingsport, Tennessee. IN THE LOWER LEFT CORNER OF YOUR ENVELOPE ADDRESSED TO ABOVE, MARK YOUR ENVELOPE “Kingsport Public Library Children’s Area Furnishings” AND DATE OF THE OPENING.

READ TERMS AND CONDITIONS BEFORE COMPLETING THIS FORM

Item	Quantity	U / I	Description	Unit Price	Total Price
			The items listed in <i>italics</i> below are noted on the furniture layout, and described in the specifications, but are NOT included in the scope of this bid.		
F1	0		<i>Existing Play Kitchen – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F2	0		<i>Existing Train Table – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F5	0		<i>Multi-Touch Display Table – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F6	0		<i>Security Detection System – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F7A	0		<i>Cramer Kik-Step Stool – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F7B	0		<i>Smith System Book Trucks – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F8	0		<i>Existing Wall Activities – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F11	0		<i>Circulation Desk – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F15	0		<i>Dog Pillow – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F21	0		<i>After School Edge Station – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F22	0		<i>End-of-range PAC Station – NOT INCLUDED IN SCOPE</i>	N/A	N/A
F3	1		Flick Perimeter Chair <input type="checkbox"/> Child- Turtle Per attached Specification Section 12500		
F3A	1		Flick Perimeter Chair <input type="checkbox"/> Child- Duck Per attached Specification Section 12500		
F3B	3		Flick Perimeter Chair <input type="checkbox"/> Child- Owl Per attached Specification Section 12500		
F3C	3		Flick Perimeter Chair <input type="checkbox"/> Child- Squirrel Per attached Specification Section 12500		
F3D	3		Flick Perimeter Chair <input type="checkbox"/> Child- Leaf Per attached Specification Section 12500		
F4	9		48” DF Radius Shelving Per attached Specification Section 12351		

F5A	2	Tree Trunk Stools - Spruce Per attached Specification Section 12500		
F5B	2	Tree Trunk Stools - Birch Per attached Specification Section 12500		
F9	2	66" Double □Faced End Panels with Animal Cut-Out Per attached Specification Section 12500		
F9A	2	66" Double □Faced End Panels with Animal Cut-Out Per attached Specification Section 12500		
F9B	2	66" Double □Faced End Panels with Animal Cut-Out Per attached Specification Section 12500		
F9C	1	66" Double □Faced End Panels with Animal Cut-Out Per attached Specification Section 12500		
FC9	2	48" Double □Faced End Panels with Animal Cut-Out Per attached Specification Section 12500		
FC9A	1	48" Double □Faced End Panels with Animal Cut-Out Per attached Specification Section 12500		
FC9B	1	48" Double □Faced End Panels with Animal Cut-Out Per attached Specification Section 12500		
F10	3	66" Double □Faced End Panels Per attached Specification Section 12500		
F10A	2	42" Single □Faced End Panels Per attached Specification Section 12500		
F10B	5	66" Single □Faced End Panels Per attached Specification Section 12500		
F12	1	Nesting Table Per attached Specification Section 12500		
F14	19	66" DF Divider Shelving □ 12" Shelving Unit Per attached Specification Section 06410 12350		
F16	1	SF 12" Wood Canopy Top □ 7 Per attached Specification Section 06410 12350		
F17	6	42" SF Divider Shelving □ 12" Shelving Unit Per attached Specification Section 06410 12350		
F17A	1	42" SF Divider Shelving □ 12" Shelving Unit Per attached Specification Section 06410 12350		
F18	1	DF 12" Curved Wood Canopy Top □ 5 Per attached Specification Section 06410 12350		
F19	2	Computer Carrel Per attached Specification Section 12500		

F19A	1	Computer Carrel Per attached Specification Section 12500		
F19B	1	Computer Carrel Per attached Specification Section 12500		
F19C	1	Computer Carrel Per attached Specification Section 12500		
F20	1	DF 12" Curved Wood Canopy Top □ 4 Per attached Specification Section 06410 12350		
F23	1	Round Table Per attached Specification Section 12500		
F24	4	Youth Services Office Desk Per attached Specification Section 12500		
F25	2	Algonquin Lounge Chair Per attached Specification Section 12500		
F26	1	U-Shaped Desk Per attached Specification Section 12500		
F27	6	Task Chair Per attached Specification Section 12500		
F28	4	Stacking Chair Per attached Specification Section 12500		
F29	12	66" SF Divider Shelving □ 12" Shelving Unit Per attached Specification Section 06410 12350		
F29A	1	66" SF Divider Shelving □ 12" Shelving Unit Per attached Specification Section 06410 12350		
F30	5	66" SF Metal End Panel □ 12" Per attached Specification Section 06410 12350 (Note: the specifications indicate a quantity of 9, however only 5 are required for the current children's area scope of work.)		
F31	1	Bookcase Per attached Specification Section 12500		
F32	1	Storage Cabinet Per attached Specification Section 12500		
F33	2	Lounge Chair Per attached Specification Section 12500		
F34	1	Tree Play Shelf Per attached Specification Section 12500		

F35	6		Mobiles Per attached Specification Section 12500		
F35A	6		Mobiles Per attached Specification Section 12500		
F36	1		Book Bin Per attached Specification Section 12500		
F37	1		Leaf Table Per attached Specification Section 12500		
F37A	4		Plover Stools Per attached Specification Section 12500		

In compliance with this Invitation for Bid and subject to all conditions thereof, the undersigned agrees, if this bid is accepted within 60 days from the date of the opening, to furnish all of the material/service upon which prices are quoted, delivered at the designated point(s) within the time specified.

(A) Terms: NET

(B) Specification/Letter of explanation enclosed: YES () NO ()

Handwritten Signature of Authorized Representative

Name of Firm

Date

THIS FORM MUST BE SIGNED TO BE CONSIDERED COMPLETE

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As per Tennessee Code Annotated, Title 12, and effective July 1, 2016:

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to § 12-12-106.

Signature

Date

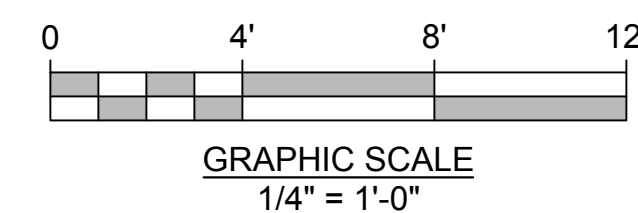
TERMS AND CONDITIONS

1. Bids must be submitted on this form only and bear the handwritten signature of an authorized representative of the firm to be considered valid. Each bid will be placed in a separate envelope. Be sure the envelope is completely and properly identified and sealed. Telephone bids or fax bids will not be accepted. Unless otherwise stated by the City, no bidder may withdraw his bid within a period of sixty (60) days after the date set for the opening of bids.
2. If prices are quoted FOB Kingsport, TN., delivery to City of Kingsport locations shall be without additional charge.
3. Failure to examine any drawings, specifications, and instructions will be a bidder's risk. If bidder is in doubt as to the true meaning of any part of the drawings, specifications and instructions or other documents, he should submit a written request for an interpretation to the Procurement Manager. An interpretation of the documents will be made only by addendum issued by the Procurement Manager to each firm to whom an invitation was forwarded. The City will not be responsible for explanation or interpretations of bid documents except as issued in accordance herewith.
4. Where a brand or trade name appears in the specifications, it is understood that the brand or trade name referred to, or its approved equivalent, shall be furnished. If no mention is made of any exceptions, it is assumed that he is bidding on the article mentioned and not an approved equivalent.
5. The bidder is requested to attach brochure-type information on the supplies furnished. All guaranteed and warranties should be clearly stated.
6. Taxes. The City is exempted from Federal excise taxes and state and local sales taxes and bidders must quote prices which do not include such taxes. An exemption certificate will be furnished upon request.
7. Bids and modifications or corrections thereof received after the closing time specified will not be considered. The City is not responsible for delays in delivery by mail, courier, etc.
8. Any exceptions to these terms and conditions or deviations from written specifications will be shown in writing and attached to the bid form.
9. Any alteration, erasure, addition to or omission of requested information, change of the specifications, or bidding schedule, is made at the risk of the bidder and may result in the rejection of the bid, unless such changes are authorized by the specifications.
10. In the event cash discounts are offered by the bidder, the discount date shall begin with the date of the invoice or the date of receipt of all material covered by the order/contract, whichever is the later date.

Terms and Conditions

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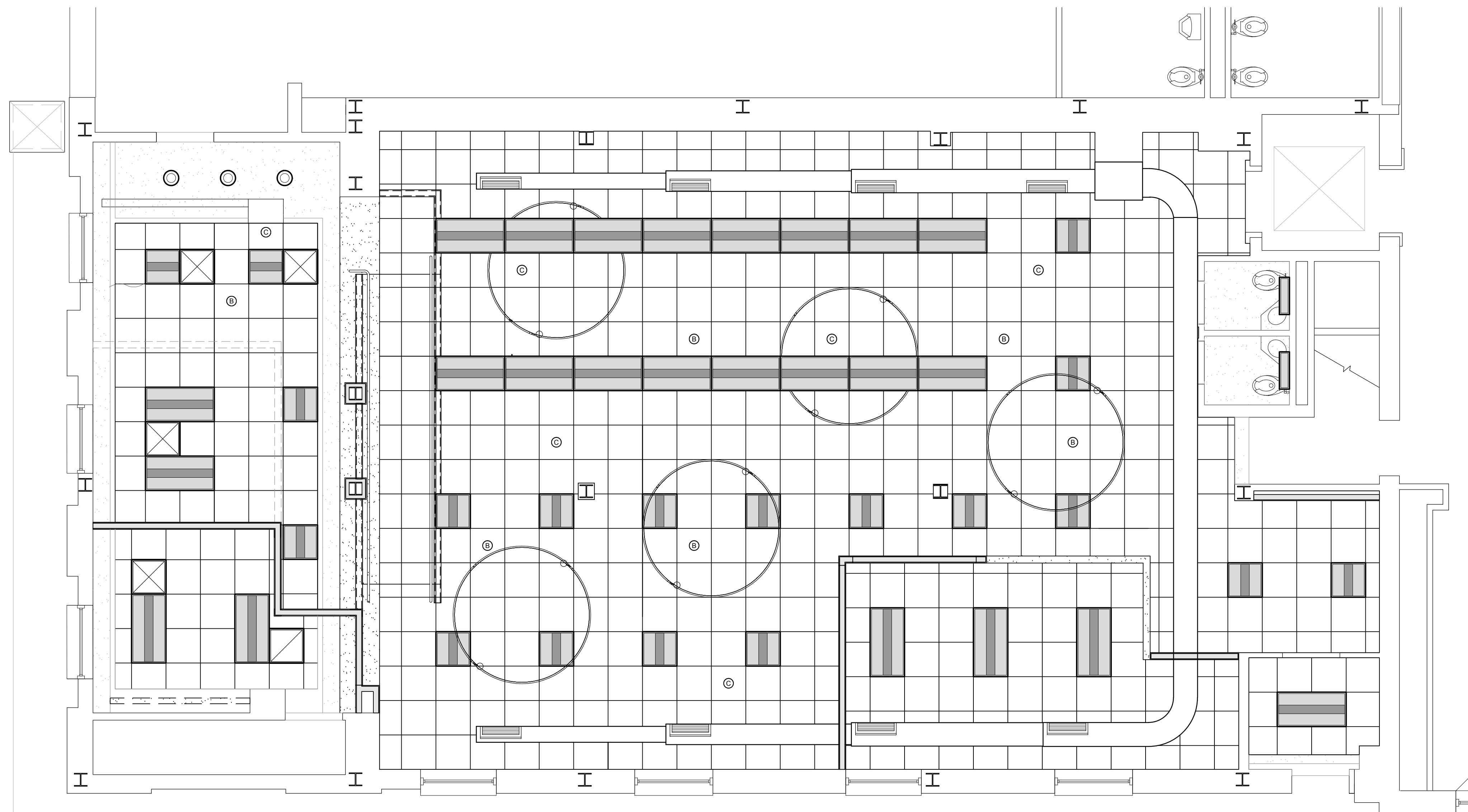
11. Charges for boxing or cartage will not be allowed unless previously agreed upon.
12. Default in promised delivery and failure to comply with specifications authorizes the City to purchase supplies elsewhere and charge the difference to defaulting Vendor.
13. Bidder agrees to defend and save City of Kingsport from and against all demands, claims, suits, costs, expenses, damages and judgments based upon infringement of any patents relating to goods specified in this order or the ordinary use or operation of such goods by City or use or operation of such goods in accordance with bidders direction.
14. In case of error or discrepancy in the mathematics of the bid price, the unit prices shall prevail.
15. By submission of a signed bid, the bidder certifies total compliance with Title VI and Title VII of the Civil Rights Act of 1964, as amended, and all regulations promulgated thereunder.
16. Contracts and purchases will be made or entered into with the lowest, responsible, compliant bidder meeting specifications for the particular grade or class of material, work or service desired in the best interest and advantage to the City of Kingsport. Responsible bidder is defined as a bidder whose reputation, past performance, and business and financial capabilities are such that he would be judged by the appropriate City authority to be capable of satisfying the City's needs for a specific contract or purchase order.
17. The City reserves the right to determine the low bidder either on the basis of the individual items or on the basis of all items included in its INVITATION TO BID, unless otherwise expressly provided in the INVITATION TO BID. The City reserves the right to accept any item or group of items of any kind and to modify or cancel in whole or in part, its INVITATION TO BID.
18. All contracts or purchase orders issued for this award will be governed by the laws of the State of Tennessee.
19. The City, in accordance with its governing directives, reserves the right to reject any and all bids, to waive any informality or irregularities in bids and unless otherwise specified by the bidder, to accept any item.



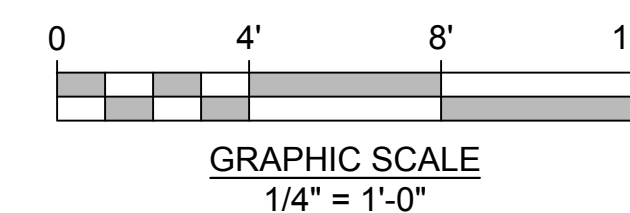
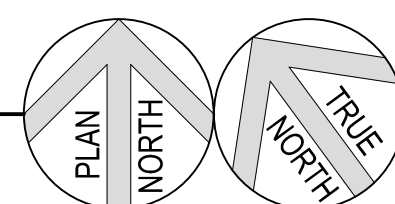
I-15

- CEILING MOBILES ARE INCLUDED IN THIS PROJECT SCOPE AND SHEET I-17 IS FOR REFERENCE PURPOSES ONLY.

(C) CLOUD MOBILE - F35A



SCALE: 1/4" = 1'-0"

[illegible]

**KINGSPORT
PUBLIC LIBRARY**
CHILDREN'S AREA RENOVATION
KINGSPORT, TN

Architectural
Services

Cain Rash West

130 Regional Park Dr
Kingsport, TN 37660
Phn (423) 349-7760
Fax (423) 349-7413
www.grcinc.com

FOR
REFERENCE
ONLY

NOT FOR
CONSTRUCTION

issued	09-01-16
checked	CDR
approved	WEST
drawn	TAR
project no.	201621
drawing name	CHILDREN'S AREA MOBILE LOCATIONS

I-17

SECTION 06410 – ARCHITECTURAL CASEWORK- LIBRARY SHELVING, END PANELS, & CANOPY TOPS**PART 1 GENERAL****1.01 DESCRIPTION:**

- A. Work under this section is subject to requirements of the Contract Documents including the General Conditions and Supplementary Conditions and applicable portions of Division 1 – General Requirements.
- B. The work consists of all labor, material, and equipment necessary and required to complete all Architectural Casework Library Shelving End Panels, & Canopy Tops as shown on the drawings and specified herein.
 - 1. All project Library Shelving End Panels and Canopy Tops: paneling, finishes, and related work as shown on drawings.
 - 2. Included elsewhere: Library Steel Shelving – Welded Frame Type; Section 12350
Library Steel Shelving – Starter-Adder Frame Type; Section 12351
 - 3. Shelving supplier shall provide required brackets. Panel Contractor shall coordinate with the shelving supplier, and supply all other fastening materials as required for concealed fastening.
 - 4. Associated work or materials: backing materials.

1.02 RELATED WORK SPECIFIED ELSEWHERE:

- A. Library Steel Shelving – Welded Frame Type; Section 12350
Library Steel Shelving – Starter-Adder Frame Type; Section 12351

1.03 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product data for each type of product and process specified and incorporated into items of Library Shelving End Panels during fabrication, finishing, and installation.
- C. Shop drawings showing each item, as coordinated with the shelving supplier prior to submission, key floor plans, dimensioned plans, sections, and elevations, large-scale details,

edge details, materials, attachment details and devices, trim, joints, finishes, accessories, related work, and other components.

- D. Samples for initial selection of the following in the form of manufacturer's color charts consisting of actual units or sections of units showing the full range of finishes, colors, textures, and patterns available for each type of material indicated.

1. Library Shelving End Panels:

- a. plastic laminate finishes,
- b. wood finishes, species, cut, finishes,
- c. slatwall, finishes, inserts,
- d. 3-Form acrylic,
- e. other related materials

2. Canopy tops:

- a. plastic laminate finishes,
- b. wood finishes, species, cut, finishes,
- c. Marmoleum,
- d. other related materials

- E. Sustainable Construction: submit product information on plywood and particle board containing no formaldehyde glues, as well as information confirming no formaldehyde glues for all casework construction.
- F. Qualification data for firms and persons specified in the "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.

1.04 QUALITY ASSURANCE

- A. Single-Source Responsibility for this section: Engage a qualified firm to assume responsibility for fabricating, finishing, and installing all specified in this Section.

- B. Fabricator Qualifications: Firm experienced in producing work similar to that indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units without delaying the Work.
 - C. Installer Qualifications: Arrange for installation by a firm that can demonstrate successful experience in installing items similar in type and quality to those required for this Project.
 - D. Quality Standard: Except as otherwise indicated, casework shall comply with the following standards:
 - 1. AWI Quality Standard: "Architectural Woodwork Quality Standards" of the Architectural Woodwork Institute for grades of interior architectural woodwork, construction, finishes, and other requirements. Provide AWI Certification Labels or Certificates of Compliance indicating that woodwork meets requirements of grades specified.
 - 2. Quality Standards: For following types of woodwork; comply with indicated standards as applicable, unless exceeded elsewhere:
 - a. Casework: AWI Section 400.
 - b. Paneling: AWI Section 500
 - E. Comply with A.D.A., all applicable local codes, standards, regulations, and any special local conditions
- 1.05 PREINSTALLATION CONFERENCE :
- A. Conduct preinstallation conference at project site, prior to installation of finish flooring. Review methods, procedures, and issues related to installation of end panel units.
- 1.06 DELIVERY, STORAGE, AND HANDLING
- A. Protect casework during transit, delivery, storage, and handling to prevent damage, soilage, and deterioration.
 - B. Do not deliver casework until painting and similar operations that could damage, soil, or deteriorate casework have been completed in installation areas. If casework must be stored in other than installation areas, store only in areas whose environmental conditions meet requirements specified in "Project Conditions."
- 1.07 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install casework until building is enclosed, wet-work is completed, and HVAC system is operating and will maintain temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Field Measurements: Where casework is indicated to be fitted to other construction, check actual dimensions of other construction by accurate field or shelving manufacturer's final architect approved shop drawings measurements before fabrication, and show recorded measurements on final shop drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
- C. Verify locations of brackets, fittings, slots, that support panels by accurate measurements before shop drawings being submitted. Record measurements on final shop drawings.
- D. Coordinate sizes and locations of Library Shelving End Panels and related work with library shelving, and other related work specified in other Sections to ensure that Library Shelving End Panels can be installed as indicated or required.

PART 2 PRODUCTS

2.01 MATERIALS

- A. General: Provide materials that comply with requirements of the AWI quality standard for each type of casework and quality grade indicated and with requirements of the referenced product standards that apply to product characteristics indicated.
- B. Nominal sizes are indicated, except as shown by detailed dimensions. Provide dressed or worked and dressed lumber, as applicable, manufactured to the actual sizes as required by pattern as shown, unless otherwise indicated.
- C. Moisture content of hardwood lumber: Provide kiln-dried (KD) lumber having a moisture content from time of manufacture until time of installation within the ranges required in the referenced woodworking standard.
- D. Fasteners and anchorages: Provide nails, screws and other anchoring devices of the proper type, size, material and finish for application indicated to provide secure attachment, concealed.
- E. All exposed to view interior Hardwood, for transparent finish, solid stock or veneer, shall match the exterior species as specified, unless otherwise noted or specified. Painted finish hardwood may be fingered joined.
 - 1. Pre-finish, transparent finish the following wood items at the shop & touch up finish as required at site: all woodwork.

- F. All exposed to view interior Softwood, for paint, shall be Clear Pine S4S, unless otherwise noted or specified. Painted finish softwood may be fingered joined.
 - G. Particleboard: ANSI A208.1, Grade M-2
 - 1. Made with phenol-formaldehyde resins.
 - 2. Sustainable Construction: Use Particleboard containing no formaldehyde, for all cabinet & countertop construction.
 - H. Adhesive for Bonding Plastic Laminate: Contact cement.
 - 1. Sustainable Construction: Use Adhesive containing no formaldehyde, for all cabinet & countertop construction.
- 2.02 PLASTIC LAMINATE CASEWORK
- A. Quality Standard: Comply with AWI Section 400 requirements for laminate-clad cabinets.
 - B. Quality Standard: Comply with WIC Section 15, "Plastic-Covered Casework."
 - 1. Grade: Premium.
- 2.03 PLASTIC LAMINATE MATERIALS
- A. Plastic Laminate: Comply with NEMA LD-3; shall be of types and thickness indicated for each application.
 - 1. Plastic Laminate for bases and dividers shall be 0.048 inch thick, (high-pressure).
 - 2. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated, or if not indicated, as required by casework quality standard.
 - 3. Manufacturer: Subject to compliance with requirements, provide high-pressure decorative laminates by one of the following:
 - a. Formica Corporation.
 - b. Laminart.
 - c. Nevamar Corp.

- d. Pionite.
 - e. Wilsonart.
 - f. Arborite.
 - g. Octolam.
 - h. ARPA.
 - i. Chemetal.
- A. Particleboard: Industrial Grade particleboard, ANSI A 208.1-1999, M-3., moisture content not to exceed 8 percent.
- 1. Sustainable Construction: Use particle board containing no formaldehyde glues, for all casework construction. Approved Manufacturers:
 - a. SkyBlend; 100% recycled wood fibers, formaldehyde free.
 - b. Sierra Pines Medite II, formaldehyde free
 - c. WoodStalk, Dow BioProducts- straw, formaldehyde free
 - d. Parkland Panels, Panel Source International- wheat straw, formaldehyde free
 - e. Primeboard, Primeboard, Inc.- wheat straw, formaldehyde free
 - f. WheatBoard- Wheat straw, formaldehyde free
- B. Plywood: Seven ply Poplar plywood with cross and face plies bonded with water resistant glue.
- 1. Sustainable Construction: Use plywood containing no formaldehyde glues, for all casework construction.
- C. Glue: Water resistant, with all gluing done in clamps and jigs. Laminate adhesives of PVA glue (similar to white glue) not contact adhesives.
- 1. Sustainable Construction: Use adhesives containing no formaldehyde glues, for all casework construction.

2.04 PLASTIC LAMINATE END PANELS FABRICATION:

- A. Fabricate End Panels to dimensions, profiles and details shown. Verify actual dimensions as specified.
- B. Provide matching canopy tops.
- C. General: End panels shall be plastic laminate on plywood or particle board. Overall thickness shall be 1 ¼ inches.

- D. Banding shall be solid hardwood, 1 ¼ inch square. Wood shall be as called for in the specifications and/or associated drawings.
- E. Base: as detailed, if not shown shall be same as panel.
- F. Plastic Laminated panels: Provide 1/16-inch thick laminate plastic sheet, complying with NEMA LD-1. Shop bonded with fully waterproof bond glue to 3/4-inch thick sub-top hardwood faced plywood, medium density overlaid plywood, or bonded particleboard. Smooth sand surfaces to which plastic laminate is to be bonded. Apply same laminate to both front and back of panels, unless specified otherwise. Build panels to thickness as shown. Both sides shall be faced with same plastic laminate selection, unless back side is not visible, then use manufacturer's prescribed backing sheet for balanced construction. Plastic laminated panels shall be one piece.
- G. Plastic laminate shall be of colors, patterns and finishes as selected by the Architect from manufacturer's standards, minimum 40 to select from.

2.05 WOOD END PANELS FABRICATION:

- A. Fabricate End Panels to dimensions, profiles and details shown. Verify actual dimensions as specified.
- B. Provide matching canopy tops.
- C. General: End panels shall be hardwood veneer on plywood or particle board. Overall thickness shall be 1 ¼ inches.
- D. Banding shall be solid hardwood, 1 ¼ inch square. Wood shall be: match panel.
- E. Base: as detailed, if not shown shall be same as panel.
- F. Interior casework Grade: Provide interior casework complying with the referenced quality standard and of the following grade: Premium.
- G. Wood Standards:
 - 1. Hardwood Lumber Standard: Comply with National Hardwood Lumber Association (NHLA) rules.
 - 2. Hardwood Plywood: Comply with PS 51.
 - 3. Glued-Up Lumber Standard: Comply with PS 56.

H. Species:

1. All exposed to view wood, solid stock or veneer, shall be manufacturer's standard, protective, transparent shop finish;
 - a. Plain sawn in a species as called out in the specifications and/or associated drawings, Hardwood with vertical matched grain.

I. Finishes:

1. SHOP FINISHING – TRANSPARENT FINISH INTERIOR HARDWOOD

- a. General: Comply with referenced AWI quality standard Section 1500 "Factory Finishing"
- b. Transparent Finish: Comply with requirements indicated for grade, finish system, staining effect and sheen.
 - 1.) AWI Grade: Premium
 - 2.) Stain: Match architect's sample
 - 3.) Finish: AWI System No. TR-4 conversion varnish.
 - 4.) Effect: Open grain finish
 - 5.) Sheen: Satin medium rubbed effect, verify with Architect.

2.06 SPECIAL UNITS (none)

2.07 ACCESSORIES (none)

2.08 INSTALLATION MATERIALS

- A. Furring, Blocking, Shims: Softwood or hardwood lumber, kiln dried to less than 15 percent moisture content.
- B. Screws: Select material, type, size, and finish required for each use. Comply with ASME B18.6.1 for applicable requirements.
- C. Nails: Select material, type, size, and finish required for each use. Comply with FS FF-N-105 for applicable requirements.

- D. Anchors: Select material, type, size, and finish required for each substrate for secure concealed anchorage to the shelving units to be provided. Communicate and coordinate with shelving supplier to insure proper installation. Provide painted nonferrous metal or hot-dip galvanized anchors and inserts on inside face of exterior walls and elsewhere as required for corrosion resistance.

2.09 FABRICATION, GENERAL

- A. End panels to be sized to completely cover base supports and shelving. All attachment hardware to be included with end panels. All panel attachment to be from shelving side.
- B. Wood Moisture Content: Comply with requirements of referenced quality standard for wood moisture content in relation to relative humidity conditions existing during time of fabrication and in installation areas.
- C. Canopy Tops: shall be joined end to end in a manner that shall yield flush surfaces at all joints. Depth and width of canopy tops shall match that of the associated end panels.

PART 3 EXECUTION

3.01 INSPECTION

- A. Examine the substrate and conditions, including floors and shelving units, under which the work under this section is to be performed and notify the Contractor in writing of unsatisfactory conditions. Do not proceed with work under this section until unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Condition casework to average prevailing humidity conditions in installation areas before installing.
- B. Before installing architectural casework, examine shop-fabricated work for completion and complete work as required, including back priming and removal of packing.

3.03 INSTALLATION

- A. Unless shown or specified otherwise installation shall be in accordance with the recommendations of the manufacturer of the item installed. Attachments shall be rigid and substantial. The work shall be left in a first-class condition.
- B. The Contractor shall furnish all anchors, screws, bolts, clip angles, inserts, nails, etc., required for approved complete assembly and installation of all items herein specified.

1. Where bolts, screws, etc., are called out to be exposed, they shall be bronze, brass, stainless steel or chromium finish, as selected by Architect.
- C. Quality Standard: Install casework to comply with AWI for the same grade specified of this Section for type of casework involved.
- D. Install all casework plumb, level, true, and straight with no distortions. Shim as required with concealed shims. Install to a tolerance of 1/8 inch in 96 inches for plumb and level (including tops).
- E. Scribe and cut casework to fit adjoining work and refinish cut surfaces or repair damaged finish at cuts.
- F. Complete the finishing work specified in this Section to the extent not completed at shop or before installation of casework. Fill nail holes with matching filler where exposed. Apply specified finish coats, including stains and paste fillers if any, to exposed surfaces where only sealer/prime coats were applied in the shop.

3.04 ADJUSTING AND CLEANING

- A. Repair damaged and defective casework where possible to eliminate functional and visual defects; where not possible to repair, replace casework. Adjust joinery for uniform appearance.
- B. Clean casework on exposed and semi-exposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

3.05 PROTECTION

- A. Provide final protection and maintain conditions in a manner that ensures that casework is without damage or deterioration at the time of Substantial Completion.

END OF SECTION 06410

SECTION 12350 –LIBRARY STEEL SHELVING –WELDED FRAME TYPE**PART 1 GENERAL****1.01 DESCRIPTION:**

- A. Work under this section is subject to requirements of the Contract Documents including the General Conditions and Supplementary Conditions and applicable portions of Division 1 – General Requirements.
- B. The work consists of all labor, material, and equipment necessary and required to complete all Library Steel Shelving-Welded Frame Type as shown on the drawings and specified herein.
 - 1. All project Library Shelving-Welded Frame Type and related work as shown on drawings.
 - 2. Included elsewhere: Library Shelving End Panels and Canopy Tops: 06410
. Library Steel Shelving – Starter-Adder Frame Type; Section 12351
 - 3. Associated work or materials, as shown, required, or listed herein.

1.02 RELATED WORK SPECIFIED ELSEWHERE:

- A. Library Shelving End Panels and Canopy Tops: 06410
Library Steel Shelving – Starter-Adder Frame Type; Section 12351

1.03 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product data for each type of product and process specified and incorporated into items of Library Shelving during fabrication, finishing, and installation.
- C. Shop drawings showing each item, key floor plans, dimensioned plans, equipment-shelving schedules, unit cross sections, unit types, wall attachment details of wall units, floor attachment details where applicable, other attachment details and devices, finishes, accessories, product data, overhead braces, shelf side ends, shelf back types, number of shelves provided, shelf book supports, unit kick base, levelers, corner fillers, signage, canopy and end

panel brackets & attachment details for panels by others, canopy and end panel details for panels provided herein, related work, and other components.

- D. Samples for initial selection of paint color selection in the form of manufacturer's color charts consisting of actual units or sections of units showing the full range of finishes, colors.
- E. Samples of canopy and end panel units: None required; no canopy and end panels included.

1.04 QUALITY ASSURANCE

- A. Single-Source Responsibility for this section: Engage a qualified firm to assume responsibility for fabricating and installing all specified in this Section.
- B. Fabricator Qualifications: Firm experienced in producing work similar to that indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units without delaying the Work.
- C. Installer Qualifications: Arrange for installation by a firm that can demonstrate successful experience in installing items similar in type and quality to those required for this Project.
- D. Comply with A.D.A., all applicable local codes, standards, regulations, and any special local conditions. Comply with all applicable seismic requirements, through use of seismic sway bracing, floor anchoring, trapezoidal gussets, or any combination thereof.
- E. Meet the requirements of the Library Technology Report, 1990 report, or of ANSI Z39.73-1994 (which adopted the Library Technology Report requirements. (These requirements include, but are not limited to: structural stability, ease of shelf adjustments, and quality of finish.)

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Protect Shelving during transit, delivery, storage, and handling to prevent damage, soilage, and deterioration.
- B. Do not deliver Shelving until painting and similar operations that could damage, soil, or deteriorate Shelving have been completed in installation areas. If Shelving must be stored in other than installation areas, store only in areas whose environmental conditions meet requirements specified in "Project Conditions."

1.06 PREINSTALLATION CONFERENCE :

- A. Conduct preinstallation conference at project site, prior to installation of finish flooring. Review methods, procedures, and issues related to installation of fixed storage units.

1.07 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install Shelving until building is enclosed, wet-work is completed, and HVAC system is operating and will maintain temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Field Measurements: Where Shelving is indicated to be fitted to other construction, check actual dimensions of other construction by accurate field measurements before final fabrication, and show recorded measurements on final shop drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
- C. Coordinate sizes, locations, and fastening of End Panels and Canopy Tops and related work with those supplying same, and other related work specified in other Sections to ensure that Library Shelving can be installed as indicated or required.

PART 2 PRODUCTS**2.01 APPROVED MANUFACTURERS**

- A. Approved Manufacturers, subject to all of the requirements herein:
 - 1. Estey/ Tennsco; Cantilever Shelving. Factory: (800) 251-8184.
 - 2. Montel Aetnastak; Cantilever Shelving. Factory: (800) 772-7562.
 - 3. MJ Industries; WF-1000. Factory: (800) 247-4353.

2.02 GENERAL SYSTEM / MATERIALS DESCRIPTION

- A. Steel shelving system shall be a cantilevered style of shelving, with each unit having a rigid welded frame assembly. Welded frames every other unit will not be acceptable. Sway bracing is not acceptable.
- B. The frames are one-piece welded frames of 16-gauge steel. All other components to be of 18 gauge steel.
- C. Shelves shall be of 18 gauge steel, formed sheet metal furniture stock, of uniform lengths and widths, with cantilever-hung brackets that secure the shelves to the uprights. Shelves shall be easily adjustable up and down, in one-inch increments, without tools.
- D. Nominal sizes are indicated, except as shown by detailed dimensions.
- E. All sheet steel used in the book stack construction shall be full-finished, cold- or hot-rolled sheet known in the trade as "furniture stock", which shall be free from scale or buckle and shall be rolled flat and true.
- F. Any exposed surface of the installation, which may come into contact with shelved material, shall be smooth, non-abrasive, and coated or constructed to prevent rust.

- G. Fasteners and anchorages: Provide corrosion resistant screws and other anchoring devices of the proper type, size, material and finish for application indicated, to provide secure concealed attachment.
- H. Finishes: Epoxy powder paint coating applied electrostatically. The finish yielding a minimum average thickness of 1.5 mil to 1.8 mils. Medium gloss. Abrasion resistance shall require a minimum of 30 liters of sand to remove finish to bare metal, as determined by Library Technology test guidelines. Color: Colors may be selected from manufacturer's minimum of 10 standard colors.
- I. Standards and Accessories: Provide:
 - 1. Adjustable floor guides for each unit, designed to accommodate variations of floor levelness; 2 per base bracket.
 - 2. Overhead braces for all double units 84 inches high or higher, every third panel. Provide as an alternative, if requested by Owner, floor attachment with 2 expansion anchors at each shelving unit end.
 - 3. Provide number of adjustable shelf units indicated. If not indicated, provide number of shelves appropriate to height of unit, minimum, as follows. Height and number of adjustable shelves for that height:
93" 7; 90" 7; 84" 7; 78" 5; 66" 5 42" 3. Shelf side end pieces shall be minimum of 6 inches high.
 - 4. Shelf Back Types: as indicated, or if not indicated, provide integral 2 inch high shelf back. Full panel backs, or offset center backstops, are not required.
 - 5. Shelf Book Supports: One per shelf.
 - a. Findable book support: Shall be 16-gauge steel, one (1) piece construction, 6" high, with approximate 6" long "T" shaped base, and cork bottom.
 - 6. Unit Kick Base: provide manufacturer's standard full panel kick base; recessed if available.
 - 7. Corner Fillers: Provide sheet metal corner fillers, minimum 18 gauge, generally matching the construction of the shelving units, where shelving units meet at inside or outside corners.
 - 8. Signage: none required.
 - 9. Canopy and End Panels: This Contractor shall provide brackets, attachment details, and coordination for panels by others. Canopy and End Panels shall be provided by others, see section Library Shelving End Panels and Canopy Tops: 06410.
 - 10. Shelving Units and Special Units: as indicated.

- 11. Typical and Special units as indicated.
- 12. Accessories and related components as indicated or required.

2.03 STRUCTURAL STABILITY AND DEFLECTION

- A. Shelves shall be capable of supporting 50 lbs. per linear foot without deflection in excess of 3/16", when loaded.
- B. Meet the Structural Stability and Deflection requirements of the Library Technology Report, 1990 report, or of ANSI Z39.73-1994 (which adopted the Library Technology Report requirements).

2.04 END PANELS & CANOPY TOPS

- A. Provide brackets for End Panels & Canopy Tops supplied by Others.
- B. Fabricate End Panels to dimensions, profiles and details shown.
- C. Provide matching Canopy Tops.
- D. General: End panels shall be plastic laminate, self edged, on plywood or particle board. Overall thickness shall be 1 ¼ inches.
- E. Base: as detailed, if not shown shall be same as panel.
- F. Canopy Tops: shall be joined end to end in a manner that shall yield flush surfaces at all joints. Depth and width of canopy tops shall match that of base shelves.

PART 3 EXECUTION

3.01 INSPECTION

- A. Examine the substrate and conditions, including floors, under which the work under this section is to be performed and notify the Contractor in writing of unsatisfactory conditions. Do not proceed with work under this section until unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Before installing Shelving, examine shop-fabricated work for completion and complete work as required, including removal of packing.

3.03 INSTALLATION

- A. Unless shown or specified otherwise installation shall be in accordance with the recommendations of the manufacturer of the item installed. Attachments shall be rigid and substantial. The work shall be left in a first-class condition.
- B. The Contractor shall furnish all anchors, screws, bolts, clip angles, inserts, etc., required for approved complete assembly and installation of all items herein specified.
- C. Quality Standard: Install woodwork to comply with AWI for the same grade specified of this Section for type of woodwork involved.
- D. Components with chipped paint will not be accepted.
- E. Install all Shelving plumb, level, true, and straight with no distortions. Shim as required with concealed shims. Install to a tolerance of 1/8 inch in 96 inches for plumb and level (including tops).
- F. All single-faced units must be anchored with minimum of 4 wall ties.
- G. Complete the finishing work specified in this Section to the extent not completed at shop or before installation of Shelving.

3.04 ADJUSTING AND CLEANING

- A. Repair damaged and defective Shelving where possible to eliminate functional and visual defects; where not possible to repair, replace Shelving. Adjust joinery for uniform appearance.
- B. Clean Shelving on exposed and semi-exposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

3.05 PROTECTION

- A. Provide final protection and maintain conditions in a manner that ensures that Shelving is without damage or deterioration at the time of Substantial Completion.

END OF SECTION 12350

SECTION: 12350 LIBRARY SHELVING (LS)**SECTION: 06410 LIBRARY END PANELS AND CANOPY TOPS (EP)**

**Canopy tops with veneer must have a protective laquer (or equal) coating applied to surface.

***Contractor to verify all dimensions are accurate according to plans, site, and specifications.

TAG	QTY.	DESCRIPTION
F14	19	66"h. DF Divider Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Double faced divider shelving unit with (2) 12"d. (11"d. actual) sloped divider slot base shelves with integral divider slot backs and kick plates, (8) 12"d. (11"d. actual) adjustable flat divider shelves with integral divider slot backs include standard number of dividers per shelf. Provide all necessary attaching brackets and hardware for wood end panels.	
DIMENSIONS:	36" x 24" x 66"	
FINISH:	MTL Color: TBD	
LOCATION:	104	19 Children's Library 104

TAG	QTY.	DESCRIPTION
F16	1	SF 12" Wood Canopy Top- 7
MODEL # :	Cantilever Library Shelving- wood canopy top	
SPECIFICATIONS:	See EP1; Single faced wood canopy top with marmoleum insert w/ hardwood edge	
DIMENSIONS:	12.5"W x 246"L x 1.25"D	
FINISH:	Wood: Stained to match architect's sample	
	Marmoleum: Vivace: 3423 Painters Palette	
LOCATION:	104	1 Children's Library 104

TAG	QTY.	DESCRIPTION
F17	6	42"h. SF Divider Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Single faced divider shelving unit with (1) 12"d. (11"d. actual) sloped divider base shelf with integral divider slot back and kick plates, (2) 12"d. (11"d. actual) adjustable flat divider shelves with integral divider slot backs. Include standard number of dividers per shelf. Provide all necessary attaching brackets and hardware for wood end panels and canopy tops.	
DIMENSIONS:	36" x 12" x 42"	
FINISH:	MTL Color: TBD	
LOCATION:	104	6 Children's Library 104

TAG	QTY.	DESCRIPTION
F17A	1	42"h. SF Divider Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Single faced divider shelving unit with (1) 12"d. (11"d. actual) sloped divider base shelf with integral divider slot back and kick plates, (2) 12"d. (11"d. actual) adjustable flat divider shelves with integral divider slot backs. Include standard number of dividers per shelf. Provide all necessary attaching brackets and hardware for wood end panels and canopy	
DIMENSIONS:	30" x 12" x 42"	
FINISH:	MTL Color: TBD	
LOCATION:	104	1 Children's Library 104

TAG	QTY.	DESCRIPTION
F18	1	DF 12" Curved Wood Canopy Top- 5
MODEL # :	Cantilever Library Shelving- Curved- Wood canopy top	
SPECIFICATIONS:	See I-EP2; Double faced curved wood canopy top with marmoleum insert w/ hardwood edge.	

DIMENSIONS:	25"W x 180"L x 1.25"D - Dimensions vary due to curve; Contractor to coordinate exact dimensions w/ shelving manufacturer's shop drawings.		
FINISH:	Wood: Stained to match architect's sample		
	Marmoleum: Real: 3219 Spa		
LOCATION:	104	1	Children's Library 104

TAG	QTY.	DESCRIPTION
F20	1	DF 12" Curved Wood Canopy Top- 4
MODEL # :	Cantilever Library Shelving- Curved - Wood Canopy Top	
SPECIFICATIONS:	See I-EP2; Double faced curved wood canopy top with marmoleum insert w/ hardwood edge	
DIMENSIONS:	25"W x 144"L x 1.25"D - - Dimensions vary due to curve; Contractor to coordinate exact dimensions with shelving manufacturers shop drawings.	
FINISH:	Wood: Stained to match architect's sample	
	Marmoleum: Real: 3219 Spa	
LOCATION:	104	1 Children's Library 104

TAG	QTY.	DESCRIPTION
F29	12	66"h. SF Divider Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Single faced divider shelving unit with (1) 12"d. (11"d. actual) sloped divider base shelf with integral divider slot back and kick plates, (4) 12"d. (11"d. actual) adjustable flat divider shelves with integral divider slot backs. Include standard number of dividers per shelf. Provide all necessary attaching brackets and hardware for wood or metal end panels; verify end panel material as specified.	
DIMENSIONS:	36" x 12" x 66"	
FINISH:	MTL Color: TBD	
LOCATION:	104	12 Children's Library 104

TAG	QTY.	DESCRIPTION
F29A	1	66"h. SF Divider Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Single faced shelving unit with (1) 12"d. (11"d. actual) hinged periodical shelf with adjustable flat storage below with integral back and kick plates, and (3) 12"d. (11"d. actual) adjustable hinged periodical display shelves with adjustable flat storage shelf below. Provide all necessary attaching brackets and hardware for wood and metal end panels; verify end panel material as specified.	
DIMENSIONS:	36" x 12" x 66"	
FINISH:	MTL Color: TBD	
LOCATION:	104	1 Children's Library 104

TAG	QTY.	DESCRIPTION
F30	9	66"h. SF Metal End Panel- 12"
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Single faced metal end panel, 66"h	
DIMENSIONS:	66"H x 12"W x 1.25"D	
FINISH:	MTL Color: TBD	
LOCATION:	104	5 Children's Library 104
	116	4 Colonnade 116- Magazines

TAG	QTY.	DESCRIPTION
F46	12	66"h. SF Periodical Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	

SPECIFICATIONS:	Single faced shelving unit with (1) 12"d. (11"d. actual) flat base shelf with integral back and kick plates, (1) 12"d. (11"d. actual) adjustable flat shelf with integral back, and (3) 12"d. (11"d. actual) hinged periodical display shelves with adjustable flat storage shelf below. Provide all necessary attaching brackets and hardware for wood and metal end panels; verify end panel material.		
DIMENSIONS:	36" x 12" x 66"		
FINISH:	MTL Color: TBD		
LOCATION:	116	12	Colonnade - Magazines

TAG	QTY.	DESCRIPTION
F46A	2	66"h. SF Periodical Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Single faced shelving unit with (1) 12"d. (11"d. actual) flat base shelf with integral back and kick plates, and (4) 12"d. (11"d. actual) adjustable flat shelves with integral back. Provide all necessary attaching brackets and hardware for wood end panels.	
DIMENSIONS:	36" x 12" x 66"	
FINISH:	MTL Color: TBD	
LOCATION:	116	2 Colonnade - Magazines

TAG	QTY.	DESCRIPTION
F46B	1	66"h. SF Periodical Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Single faced shelving unit with (1) 12"d. (11"d. actual) flat base shelf with integral back and kick plates, (1) 12"d. (11"d. actual) adjustable flat shelf with integral back, and (3) 12"d. (11"d. actual) hinged periodical display shelves with adjustable flat storage shelf below. Provide all necessary attaching brackets and hardware for metal end panels.	
DIMENSIONS:	30" x 12" x 66"	
FINISH:	MTL Color: TBD	
LOCATION:	116	1 Colonnade - Magazines

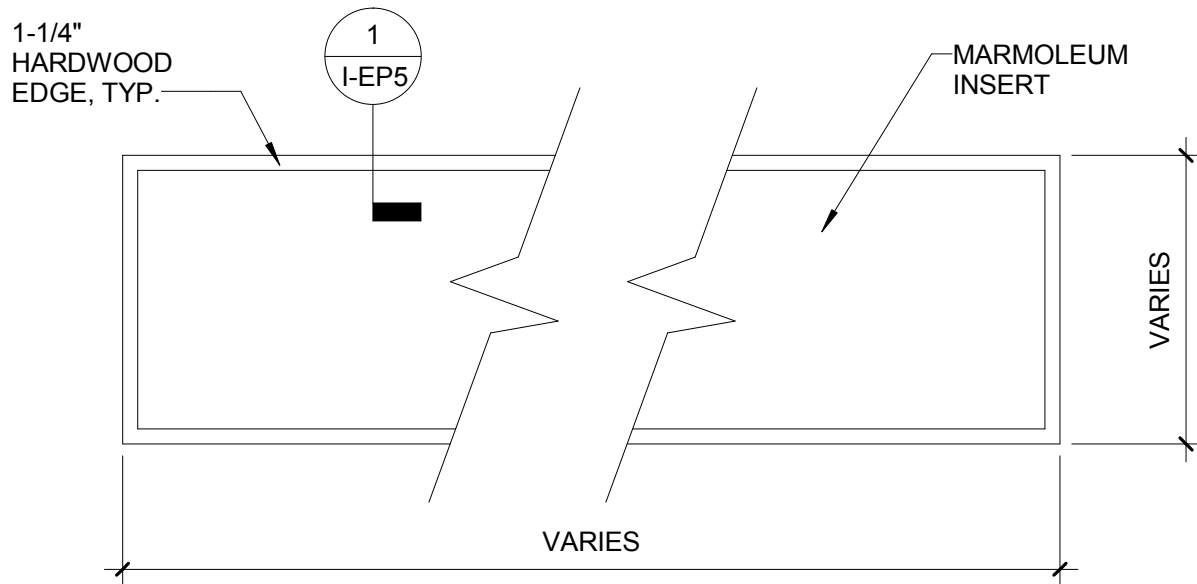
TAG	QTY.	DESCRIPTION
F48	6	66"h. DF Divider Shelving- 12" Shelving Unit
MODEL # :	Existing	
SPECIFICATIONS:	Not included in scope	
DIMENSIONS:		
FINISH:		
LOCATION:	116	6 Colonnade

TAG	QTY.	DESCRIPTION
F49	6	66"h. DF Shelving- 12" Shelving Unit
MODEL # :	Cantilever Library Shelving	
SPECIFICATIONS:	Double faced shelving unit with (2) 12"d. (11"d. actual) sloped base shelves with integral back and kick plates, (8) 12"d. (11"d. actual) adjustable flat shelves with integral backs. Include (1) 10" findable bookend with cork bottom per shelf. Provide all necessary attaching brackets and hardware for 3-Form end panels.	
DIMENSIONS:	36" x 24" x 66"	
FINISH:	MTL Color: TBD	
LOCATION:	116	6 Colonnade

TAG	QTY.	DESCRIPTION
F50	4	66"h. DF 3-Form End Panel
MODEL # :	3-form End panel	
SPECIFICATIONS:	See EP4; Double faced 3-form end panel, 66"h; Provide all necessary attaching brackets and hardware for existing shelving units; See F48.	
DIMENSIONS:	66"H x 25"W x 1.25"D	

FINISH:	3-Form Varia Escresin; Front layer: Speckle Jest; Back layer: Flurry 50 w/ sandstone 101 front and back finish.		
LOCATION:	116	4	<i>Colonnade</i>

TAG	QTY.	DESCRIPTION
F51	4	66"h. SF End Panel
MODEL # :	Wood end panel	
SPECIFICATIONS:	See I-EP3; Single faced wood end panel w/ hardwood edge, 66"h.	
DIMENSIONS:	66"H x 12.5"W x 1.25"D	
FINISH:	Wood: Stained to match architect's sample	
LOCATION:	116	4 <i>(4) Colonnade/Magazine</i>



1 CANOPY TOP - PLAN VIEW

Scale: 3/4" = 1'-0"



25 S. GROVE AVENUE, SUITE 500, Suite 1
ELGIN, ILLINOIS
847.695.5840
847.742.4571 Fax

Subject:
CANOPY TOP, TYP.

Project:
KINGSPORT PUBLIC LIBRARY

Date:
09/15/10
Scale:
3/4" = 1'-0"

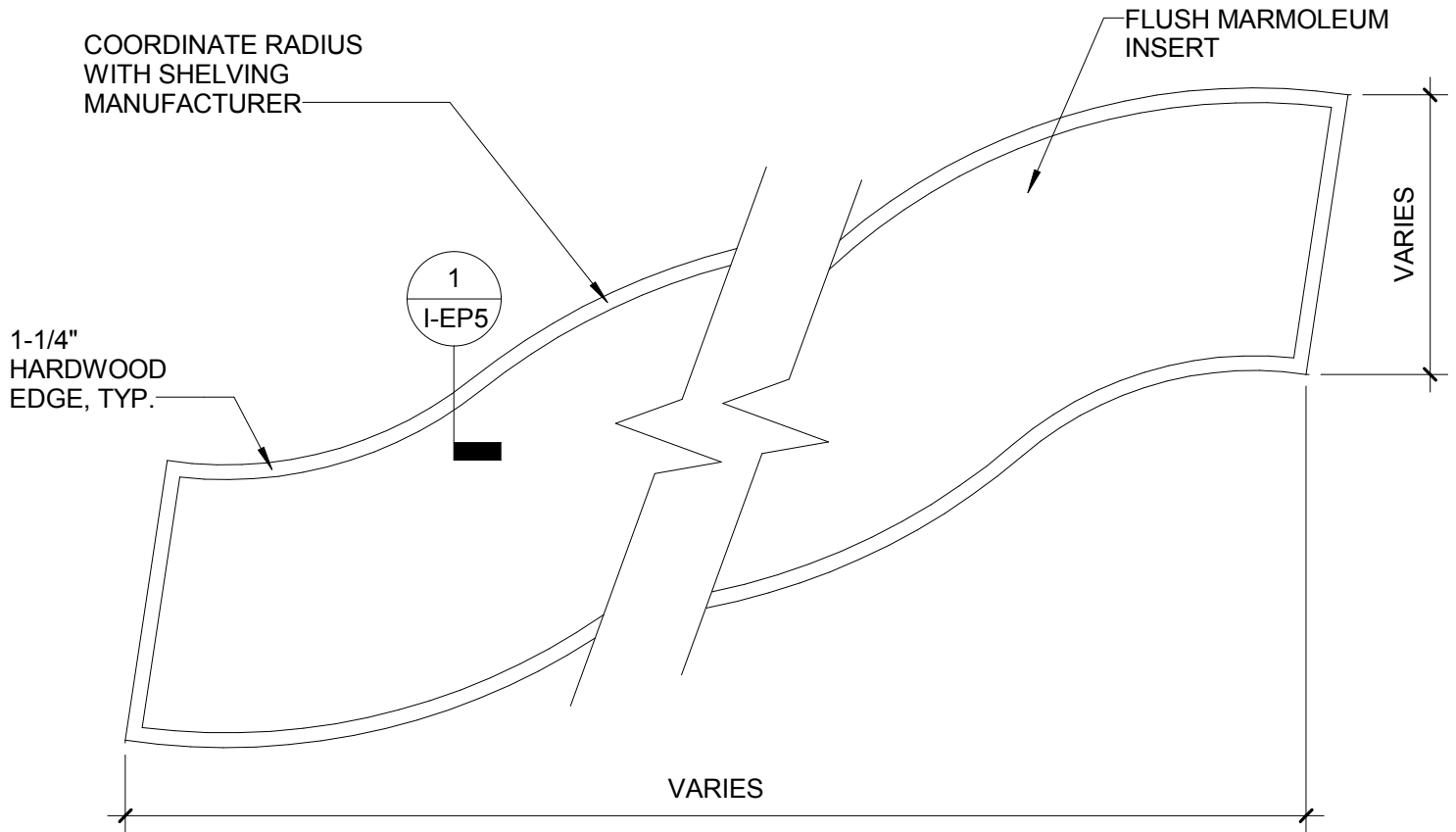
Project No.:
50081656

Revision:

Drawing No.:

Sketch No.:

I-EP1



1 CANOPY TOP CURVED - PLAN VIEW

Scale: 3/4" = 1'-0"



25 S. GROVE AVENUE, SUITE 500, Suite 1
ELGIN, ILLINOIS
847.695.5840
847.742.4571 Fax

Subject:
CANOPY TOP - CURVED

Project:
KINGSPORT PUBLIC LIBRARY

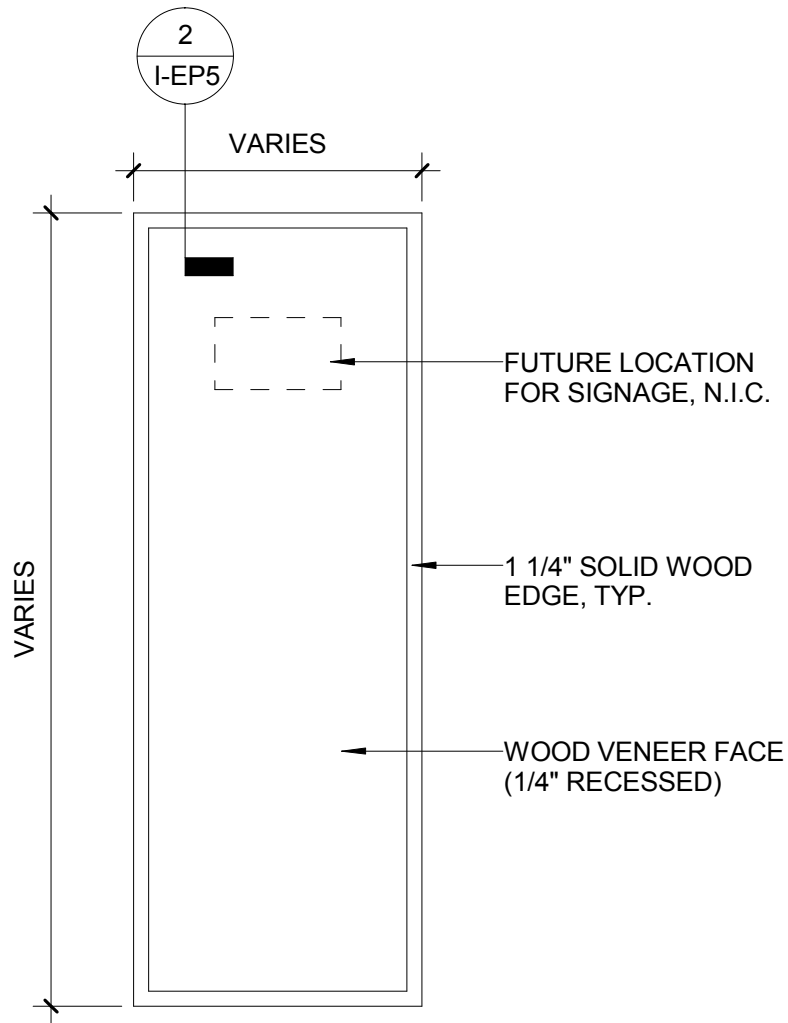
Date:
09/15/16
Scale:
3/4" = 1'-0"

Project No.:
50081656

Revision:

Drawing No.:

Sketch No.:
I-EP2



1 END PANEL, TYP

Scale: 3/4" = 1'-0"



25 S. GROVE AVENUE, SUITE 500, Suite 1
ELGIN, ILLINOIS
847.695.5840
847.742.4571 Fax

Subject:
END PANEL, TYP.

Project:
KINGSPORT PUBLIC LIBRARY

Date:
09/15/16
Scale:
3/4" = 1'-0"

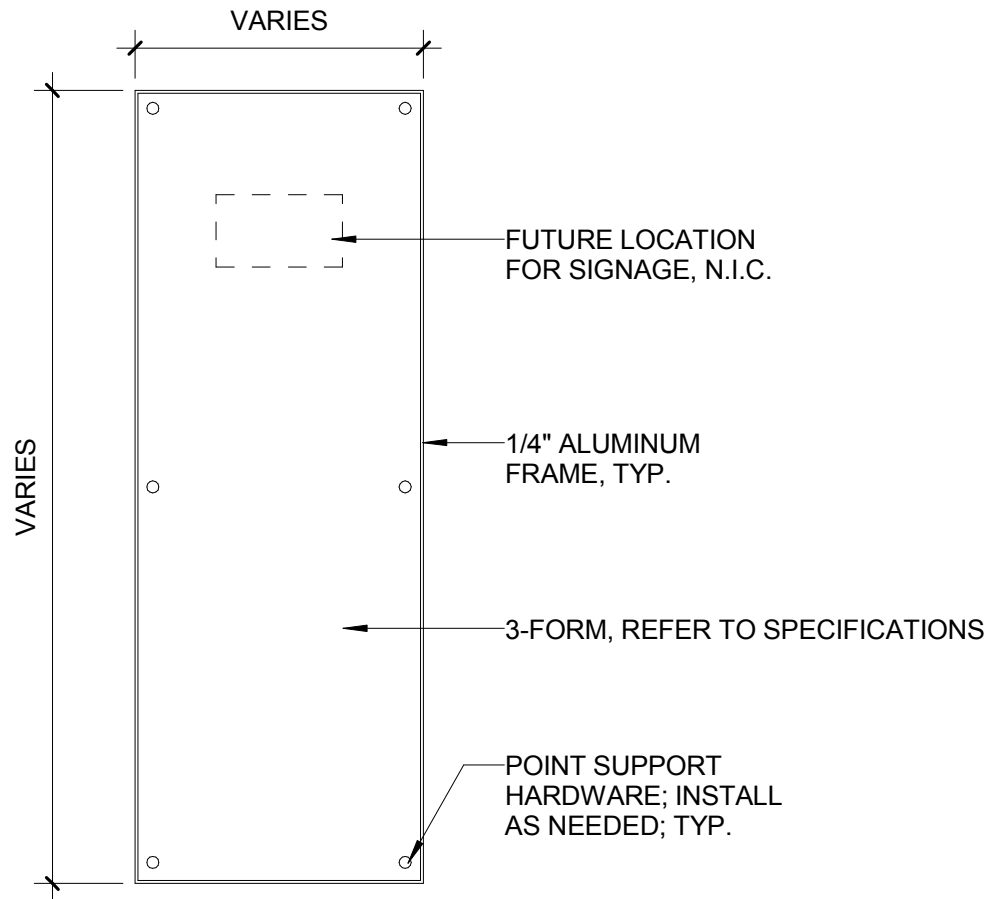
Project No.:
50081656

Revision:

Drawing No.:

Sketch No.:

I-EP3



1 3-FORM END PANEL, TYP C

Scale: 3/4" = 1'-0"



25 S. GROVE AVENUE, SUITE 500, Suite 1
ELGIN, ILLINOIS
847.695.5840
847.742.4571 Fax

Subject:

3-FORM END PANEL

Project:

KINGSPORT PUBLIC LIBRARY

Date:

09/15/16

Scale:

3/4" = 1'-0"

Project No.:

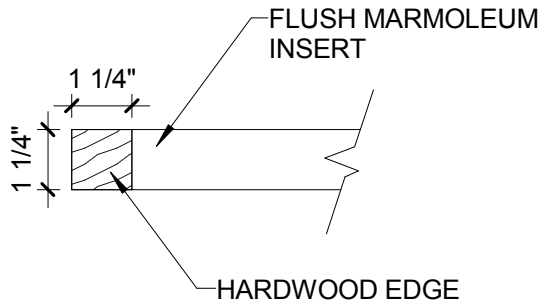
50081656

Revision:

Drawing No.:

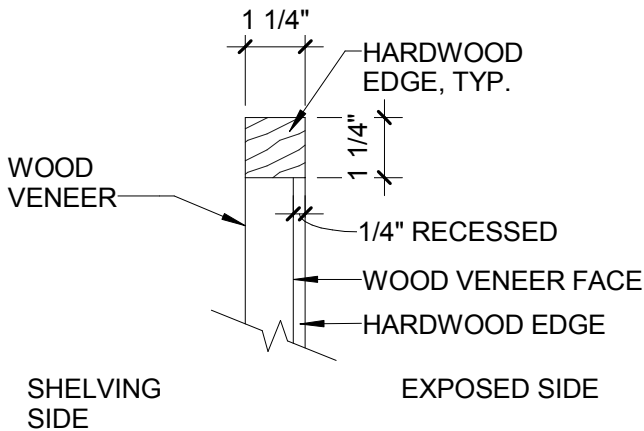
Sketch No.:

I-EP4

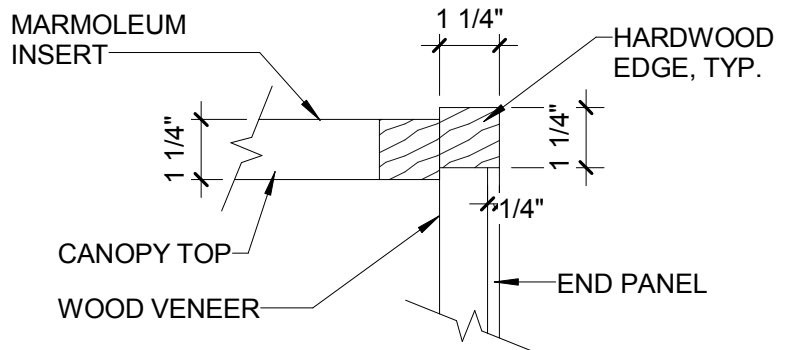


1 CANOPY TOP, DTL, TYP

Scale: 3" = 1'-0"



END PANEL - WITHOUT CANOPY TOP



END PANEL - WITH CANOPY TOP

2 END PANEL DTL, TYP

Scale: 3" = 1'-0"



25 S. GROVE AVENUE, SUITE 500, Suite 1
ELGIN, ILLINOIS
847.695.5840
847.742.4571 Fax

Subject:
CANOPY TOPS & END PANEL
DETAILS

Project:
KINGSPORT PUBLIC LIBRARY

Date:
09/15/16
Scale:
3" = 1'-0"

Project No.:
50081656

Revision:

Drawing No.:

Sketch No.:

I-EP5

SECTION 12351 –LIBRARY STEEL SHELVING –STARTER-ADDER FRAME TYPE**PART 1 GENERAL****1.01 DESCRIPTION:**

- A. Work under this section is subject to requirements of the Contract Documents including the General Conditions and Supplementary Conditions and applicable portions of Division 1 – General Requirements.
- B. The work consists of all labor, material, and equipment necessary and required to complete all Library Steel Shelving-Starter-Adder Frame Type as shown on the drawings and specified herein.
 - 1. All project Library Shelving- Starter-Adder Frame Type and related work as shown on drawings.
 - 2. Included elsewhere: Library Shelving End Panels and Canopy Tops: 06410
. Library Steel Shelving – Welded Frame Type; Section 12350
 - 3. Mock Up: Not Required.
 - 4. Associated work or materials, as shown, required, or listed herein.

1.02 RELATED WORK SPECIFIED ELSEWHERE:

- A. Library Shelving End Panels and Canopy Tops: 06410.
- B. Library Steel Shelving – Welded Frame Type; Section 12350
- C. Furnishing and connecting-up of electrical fixtures: division 16.

1.03 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product data for each type of product and process specified and incorporated into items of Library Shelving during fabrication, finishing, and installation.

- C. Shop drawings showing each item, key floor plans, dimensioned plans, equipment-shelving schedules, unit cross sections, unit types, wall attachment details of wall units, floor attachment details where applicable, other attachment details and devices, finishes, accessories, product data, overhead braces, shelf side ends, shelf back types, number of shelves provided, shelf book supports, unit kick base, levelers, corner fillers, signage, canopy and end panel brackets & attachment details for panels by others, canopy and end panel details for panels provided herein, related work, and other components.
- D. Samples for initial selection of paint color selection in the form of manufacturer's color charts consisting of actual units or sections of units showing the full range of finishes, colors.
- E. Samples of canopy and end panel units: None required; no canopy and end panels included.

1.04 QUALITY ASSURANCE

- A. Single-Source Responsibility for this section: Engage a qualified firm to assume responsibility for fabricating and installing all specified in this Section.
- B. Fabricator Qualifications: Firm experienced in producing work similar to that indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units without delaying the Work.
- C. Installer Qualifications: Arrange for installation by a firm that can demonstrate successful experience in installing items similar in type and quality to those required for this Project.
- D. Comply with A.D.A., all applicable local codes, standards, regulations, and any special local conditions. Comply with all applicable seismic requirements, through use of seismic sway bracing, floor anchoring, trapezoidal gussets, or any combination thereof.
- E. Meet the requirements of the Library Technology Report, 1990 report, or of ANSI Z39.73-1994 (which adopted the Library Technology Report requirements. (These requirements include, but are not limited to: structural stability, ease of shelf adjustments, and quality of finish.)

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Protect Shelving during transit, delivery, storage, and handling to prevent damage, soilage, and deterioration.
- B. Do not deliver Shelving until painting and similar operations that could damage, soil, or deteriorate Shelving have been completed in installation areas. If Shelving must be stored in other than installation areas, store only in areas whose environmental conditions meet requirements specified in "Project Conditions."

1.06 PREINSTALLATION CONFERENCE :

- A. Conduct preinstallation conference at project site, prior to installation of finish flooring. Review methods, procedures, and issues related to installation of fixed storage units.

1.07 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install Shelving until building is enclosed, wet-work is completed, and HVAC system is operating and will maintain temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Field Measurements: Where Shelving is indicated to be fitted to other construction, check actual dimensions of other construction by accurate field measurements before final fabrication, and show recorded measurements on final shop drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
- C. Coordinate sizes, locations, and fastening of End Panels and Canopy Tops and related work with those supplying same, and other related work specified in other Sections to ensure that Library Shelving can be installed as indicated or required.

PART 2 PRODUCTS**2.01 APPROVED MANUFACTURERS**

- A. Approved Manufacturers, subject to all of the requirements herein:
 - 1. BCI – 30/60 or Slimline Radius Cantilever Shelving. BCI Rep: Anthony Stellatos, (772) 324.8793
 - 2. Biblmodel; Starter-Adder Radius Cantilever Shelving (equal to BCI Slimline). Factory: Local Rep: LFI, Scott Fairbanks, (847) 564-9497

2.02 GENERAL SYSTEM / MATERIALS DESCRIPTION

- A. Steel shelving system shall be a starter-adder style shelving, with standard starter units, and adder units, of cantilever design. Bookstacks are to be of a starter and adder unit to constitute a given bookstacks range. Starter units shall consist of a complete modular unit with two tubular uprights for each additional adder unit.
- B. The upright column frames shall be 14-gauge steel, unless otherwise approved. Spreaders to be of 16 gauge steel, unless otherwise approved.
- C. Shelves shall be of 18 gauge steel, unless otherwise approved, formed sheet metal furniture stock, of uniform lengths and widths, with cantilever-hung brackets that secure the shelves to the uprights. Shelves shall be easily adjustable up and down, in one-inch increments, without tools.
- D. Nominal sizes are indicated, except as shown by detailed dimensions.

- E. All sheet steel used in the book stack construction shall be full-finished, cold- or hot-rolled sheet known in the trade as "furniture stock", which shall be free from scale or buckle and shall be rolled flat and true.
- F. Any exposed surface of the installation, which may come into contact with shelved material, shall be smooth, non-abrasive, and coated or constructed to prevent rust.
- G. Fasteners and anchorages: Provide corrosion resistant screws and other anchoring devices of the proper type, size, material and finish for application indicated, to provide secure concealed attachment.
- H. Finishes: Epoxy powder paint coating applied electrostatically. The finish yielding a minimum average thickness of 1.5 mil to 1.8 mils. Medium gloss. Abrasion resistance shall require a minimum of 30 liters of sand to remove finish to bare metal, as determined by Library Technology test guidelines. Color: Colors may be selected from manufacturer's minimum of 10 standard colors.
- I. Standards and Accessories: Provide:
 - 1. Adjustable floor guides for each unit, designed to accommodate variations of floor levelness; 2 per base bracket.
 - 2. Provide number of adjustable shelf units indicated. If not indicated, provide number of shelves appropriate to height of unit, minimum.
 - 3. Shelf side end pieces shall be minimum of 6 inches high.
 - 4. Shelf Back Types: as indicated, or if not indicated, provide integral 2 inch high shelf back. Full panel backs, or offset center backstops, are not required.
 - 5. Shelf Book Supports: One per shelf.
 - a. Findable book support: Shall be 16-gauge steel, one (1) piece construction, 6" or 9" high, with approximate 6" long "T" shaped base.
 - 6. Unit Kick Base: provide manufacturer's standard full panel kick base; recessed if available.
 - 7. Corner Fillers: Provide sheet metal corner fillers, minimum 18 gauge, generally matching the construction of the shelving units, where shelving units meet at inside or outside corners.
 - 8. Signage: none required.
 - 9. Canopy and End Panels: This Contractor shall provide brackets, attachment details, and coordination for panels by others. Canopy and End Panels shall be provided by others, see section Library Shelving End Panels and Canopy Tops: 06410.

- 10. Shelving Units and Special Units: as indicated.
- 11. Typical and Special units as indicated.
- 12. Accessories and related components as indicated or required.

2.03 STRUCTURAL STABILITY AND DEFLECTION

- A. Shelves shall be capable of supporting 50 lbs. per linear foot without deflection in excess of 3/16", when loaded.
- B. Meet the Structural Stability And Deflection requirements of the Library Technology Report, 1990 report, or of ANSI Z39.73-1994 (which adopted the Library Technology Report requirements).

PART 3 EXECUTION

3.01 INSPECTION

- A. Examine the substrate and conditions, including floors, under which the work under this section is to be performed and notify the Contractor in writing of unsatisfactory conditions. Do not proceed with work under this section until unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Before installing Shelving, examine shop-fabricated work for completion and complete work as required, including removal of packing.

3.03 INSTALLATION

- A. Unless shown or specified otherwise installation shall be in accordance with the recommendations of the manufacturer of the item installed. Attachments shall be rigid and substantial. The work shall be left in a first-class condition.
- B. The Contractor shall furnish all anchors, screws, bolts, clip angles, inserts, etc., required for approved complete assembly and installation of all items herein specified.
- C. Quality Standard: Install woodwork to comply with AWI for the same grade specified of this Section for type of woodwork involved.
- D. Components with chipped paint will not be accepted.

- E. Install all Shelving plumb, level, true, and straight with no distortions. Shim as required with concealed shims. Install to a tolerance of 1/8 inch in 96 inches for plumb and level (including tops).
- F. All single-faced units must be anchored with minimum of 4 wall ties.
- G. Complete the finishing work specified in this Section to the extent not completed at shop or before installation of Shelving.

3.04 ADJUSTING AND CLEANING

- A. Repair damaged and defective Shelving where possible to eliminate functional and visual defects; where not possible to repair, replace Shelving. Adjust joinery for uniform appearance.
- B. Clean Shelving on exposed and semi-exposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

3.05 PROTECTION

- A. Provide final protection and maintain conditions in a manner that ensures that Shelving is without damage or deterioration at the time of Substantial Completion.

END OF SECTION 12351

SECTION: 12351 LIBRARY SHELVING (LS)

***Contractor to verify all dimensions are accurate according to plans, site, and specifications.

TAG	QTY.	DESCRIPTION
F4	9	48"h. DF Radius Shelving
MODEL # :	Cantilever Library Shelving - Curved	
SPECIFICATIONS:	Double faced radius shelving unit with (2) 12"d. (11"d. actual) flat base shelves with integral back and kick plates, and (4) 12"d. (11"d. actual) adjustable flat shelves with integral backs. Provide all necessary attaching brackets and hardware for wood end panels and canopy tops.	
DIMENSIONS:	36" x 24" x 48" - Dimensions vary due to curve	
FINISH:	MTL Color: Blue (exact shade TBD)	
LOCATION:	104	9 <i>Children's Library 104</i>

SECTION 12500 & 06411 – COMMERCIAL FURNITURE & ARCHITECTURAL CASEWORK TABLES**PART 1 GENERAL****1.01 DESCRIPTION**

- A. Work under this section is subject to requirements of the Contract Documents including the General Conditions and Supplementary Conditions and applicable portions of Division 1 – General Requirements.
- B. The work consists of all labor, material, and equipment necessary and required to complete all Architectural Casework Tables as shown on the drawings and specified herein.

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. Furnishing and connecting-up of electrical fixtures: Division 16.

1.03 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product data for each type of product and process specified and incorporated into items during fabrication, finishing, and installation.
- C. Shop drawings showing each item, as coordinated with the supplier prior to submission, key floor plans, dimensioned plans, sections, and elevations, large-scale details, edge details, materials, attachment details and devices, trim, joints, finishes, accessories, related work, and other components.
- D. Samples for initial selection of the following in the form of manufacturer's color charts consisting of actual units or sections of units showing the full range of finishes, colors, textures, and patterns available for each type of material indicated.
- E. Mock Up:
 - 1. Coordinate with Architect as to the sequence of this submission, which may be after submission of shop drawings, but must be minimum 21 days prior to starting production.

2. Mock Up shall be a sample, and shall not be used as an actual project table. Mock Up may be displayed for Architect approval at the mill shop, or at a secure location at the project site, if either location is within 30 miles from the Architect's office. If further distance, the supplier will either ship the table (and retrieve it when reviewed) to the Architect's office or reimburse Architect for mileage and travel time to the shop.
 3. Complete full size table, including wood edge banding, power and data raceway, electrical spline, CPU holders, and brackets obtained from shelving supplier, fasteners, and all associated components.
- F. Qualification data for firms and persons specified in the "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.

1.04 QUALITY ASSURANCE

- A. Single-Source Responsibility for this section: Engage a qualified firm to assume responsibility for fabricating, finishing, and installing all specified in this Section.
- B. Fabricator Qualifications: Firm experienced in producing work similar to that indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units without delaying the Work. Manufacturer to have a minimum of 10 years experience providing casework for similar projects.
- C. Installer Qualifications: Arrange for installation by a firm that can demonstrate successful experience in installing items similar in type and quality to those required for this Project.
- D. Quality Standard: Except as otherwise indicated, casework shall comply with the following standards:
1. AWI Quality Standard: "Architectural Woodwork Quality Standards" of the Architectural Woodwork Institute for grades of interior architectural woodwork, construction, finishes, and other requirements. Provide AWI Certification Labels or Certificates of Compliance indicating that woodwork meets requirements of grades specified.
 2. Quality Standards: For following types of woodwork; comply with indicated standards as applicable, unless exceeded elsewhere:
 - a. Casework: AWI Section 400.
 - b. Finishing: AWI Section 1500.

- E. Comply with A.D.A., all applicable local codes, standards, regulations, and any special local conditions.
- 1.05 DELIVERY, STORAGE, AND HANDLING
- A. Protect casework during transit, delivery, storage, and handling to prevent damage, soilage, and deterioration.
 - B. Do not deliver casework until painting and similar operations that could damage, soil, or deteriorate casework have been completed in installation areas. If casework must be stored in other than installation areas, store only in areas whose environmental conditions meet requirements specified in "Project Conditions."
- 1.06 PROJECT CONDITIONS
- A. Environmental Limitations: Do not deliver or install casework until building is enclosed, wet-work is completed, and HVAC system is operating and will maintain temperature and relative humidity at occupancy levels during the remainder of the construction period.
 - B. Coordinate finishes of tables with other Library casework, and other related work specified in other Sections to ensure a uniform finish in different casework components.
- 1.07. WARRANTY
- A. Manufacturer's Warranty: Provide written warranty, No Dollar Limit, non-prorated, signed by manufacturer, agreeing to replace defective materials and workmanship. Warranty shall include Project title and building address.
 - 1. Warranty period: 10 years.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturers as specified only, subject to the requirements herein:
 - 1. Agati.
 - 2. TMC.
 - 3. Worden.

2.02 MATERIALS

- A. General: Provide materials that comply with requirements of the AWI quality standard for each type of casework and quality grade indicated and with requirements of the referenced product standards that apply to product characteristics indicated.
- B. Nominal sizes are indicated, except as shown by detailed dimensions. Provide dressed or worked and dressed lumber, as applicable, manufactured to the actual sizes as required by pattern as shown, unless otherwise indicated.
- C. Moisture content of hardwood lumber: Provide kiln-dried (KD) lumber having a moisture content from time of manufacture until time of installation within the ranges required in the referenced woodworking standard.
- D. Table Top: 1-1/4 inch thick, 3-ply particleboard construction, including a 0.050 inch thick high-pressure particleboard construction, including a 0.050 inch thick high-pressure laminate top surface and a 0.028 inch thick backing sheet.
 - 1. Edges: Band with 5/8 inch thick x 1-5/8 inch wide solid oak intern drop edge band. Profile to be straight edge, unless indicated otherwise.
 - 2. Top Support: Minimum 14-gauge steel reinforcing
- E. Stretcher Panel: 1 1/4 inch thick, solid hardwood. Attach to legs with concealed fasteners, unless decorative connecting screws are indicated.
- F. Legs: Solid oak. Manufacturer's standard steel plate mechanically attached to leg and top. Fabricate so plates are positioned so they are concealed from view.
- G. Fasteners and anchorages: Provide nails, screws and other anchoring devices of the proper type, size, material and finish for application indicated to provide secure attachment, concealed.
- H. All exposed to view interior Hardwood, for transparent finish, solid stock or veneer, shall match the exterior species as specified, unless otherwise noted or specified.
 - 1. Pre-finish, transparent finish the following wood items at the shop and touch up finish as required at site: All woodwork.

I. Particleboard: ANSI A208.1, Grade M-2:

1. Made with phenol-formaldehyde resins.

J. Adhesive for Bonding Plastic Laminate: Contact cement.

2.03 PLASTIC LAMINATE CASEWORK

A. Quality Standard: Comply with AWI Section 400 requirements for laminate-clad cabinets.

B. Quality Standard: Comply with WIC Section 15, "Plastic-Covered Casework."

1. Grade: Premium.

2.04 PLASTIC LAMINATE MATERIALS

A. Plastic Laminate: Comply with NEMA LD-3; shall be of types and thickness indicated for each application.

1. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated, or if not indicated, as required by casework quality standard.

2. Manufacturer: Subject to compliance with requirements, provide high-pressure decorative laminates by one of the following:

a. Formica Corporation.

b. Laminart.

c. Nevamar Corp.

d. Pionite.

e. Wilsonart.

f. Arborite.

g. Octolam.

- h. ARPA.
- i. Chemetal.
- B. Particleboard: Industrial Grade particleboard, ANSI A 208.1-1999, M-3., moisture content not to exceed 8 percent.
 - 1. Sustainable Construction: Use particleboard containing no formaldehyde glues, for all casework construction. Approved Manufacturers:
 - a. SkyBlend; 100% recycled wood fibers, formaldehyde free.
 - b. Sierra Pines Medite II, formaldehyde free
 - c. WoodStalk, Dow BioProducts- straw, formaldehyde free
 - d. Parkland Panels, Panel Source International- wheat straw, formaldehyde free
 - e. Primeboard, Primeboard, Inc.- wheat straw, formaldehyde free
 - f. WheatBoard- Wheat straw, formaldehyde free
- C. Plywood: Seven-ply Poplar plywood with cross and face plies bonded with water resistant glue.
- D. Glue: Water resistant, with all gluing done in clamps and jigs. Laminate adhesives of PVA glue (similar to white glue) not contact adhesives.

2.05 ACCESSORIES

- A. Grommet:
 - 1. Grommet: Sleeve: 3-inch diameter PVC sleeve, factory installed. Provide in top where indicated.
 - 2. Grommet with Cover: 2-inch x 3 1/2-inch self-rimming sleeve, with flush mounted black cover. Factory installed. Provide in top where indicated.
- B. Glides: 1-3/16 inch diameter adjustable cushioned leveling glide with a minimum 15/16 inch long stem. Anchor to bottom of each leg.
- C. CPU Holder: Non-handed, allowing mounting vertically below work surface. Adjustable, allowing for CPU devices up to 23 inches tall. Coordinate sizes with Owner's Technology Consultant.
- D. Power/Data Raceway: Minimum 4 power ports and 4 data ports per unit. Quantity of units as indicated on Drawings.
- E. Electrical Spine: Black plastic with metal weighted floor base, table-fixing element.

2.06 INSTALLATION MATERIALS

- A. Screws: Select material, type, size, and finish required for each use. Comply with ASME B18.6.1 for applicable requirements.
- B. Anchors: Select material, type, size, and finish required for each substrate for secure concealed anchorage to the accessories to be provided.

2.07 FABRICATION, GENERAL

- A. Wood Moisture Content: Comply with requirements of referenced quality standard for wood moisture content in relation to relative humidity conditions existing during time of fabrication and in installation areas.
- B. Shop Fabrication: Finish and install table components in manufacturer's shop.
- C. Fabricate to dimensions and profiles indicated.
- D. Table Top Height: 29 inches high, unless otherwise indicated.

PART 3 EXECUTION**3.01 INSPECTION**

- A. Examine the substrate and conditions, including floors, under which the work under this section is to be performed and notify the Contractor in writing of unsatisfactory conditions. Do not proceed with work under this section until unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Condition casework to average prevailing humidity conditions in installation areas before installing.
- B. Before installing architectural casework, examine shop-fabricated work for completion and complete work as required, including back priming and removal of packing.

3.03 INSTALLATION

- A. Unless shown or specified otherwise installation shall be in accordance with the recommendations of the manufacturer of the item installed. Attachments shall be rigid and substantial. The work shall be left in a first-class condition.
- B. The Contractor shall furnish all anchors, screws, bolts, clip angles, inserts, nails, etc., required for approved complete assembly and installation of all items herein specified.
 - 1. Where bolts, screws, etc., are called out to be exposed, they shall be bronze, brass, stainless steel or chromium finish, as selected by Architect.
- C. Quality Standard: Install casework to comply with AWI for the same grade specified of this Section for type of casework involved.
- D. Install all casework plumb, level, true, and straight with no distortions. Shim as required with concealed shims. Install to a tolerance of 1/8 inch in 96 inches for plumb and level (including tops).

3.04 ADJUSTING AND CLEANING

- A. Repair damaged and defective casework where possible to eliminate functional and visual defects; where not possible to repair, replace casework. Adjust joinery for uniform appearance.
- B. Clean casework on exposed and semi-exposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

3.05 PROTECTION

- A. Provide final protection and maintain conditions in a manner that ensures that casework is without damage or deterioration at the time of Substantial Completion.

END OF SECTION 06411

SECTION: 12500 COMMERCIAL FURNITURE

*Model # and Specifications must both be reviewed before bid or order is placed.

**Any discrepancies or questions that arise must be brought to the designer's attention and resolved before order is placed.

***Winning bidder must obtain fabric approvals on all furnishings.

TAG	QTY.	DESCRIPTION
F1	1	Existing Play Kitchen
MANUFACTURER:	Existing	SALES REP: NA
MODEL # :		
DIMENSIONS:		
SPECIFICATIONS:	Not included in scope	
FINISH:		
LOCATION:	Room: 130	1 Play Area

TAG	QTY.	DESCRIPTION
F2	1	Existing Train Table
MANUFACTURER:	Existing	SALES REP: NA
MODEL # :		
DIMENSIONS:		
SPECIFICATIONS:	Not included in scope	
FINISH:		
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F3	1	Flick Perimeter Chair - Child
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Flick Perimeter Chair - SFPC11315	
DIMENSIONS:	15" Seat Height	
SPECIFICATIONS:	Perimeter: Scooter (PC.FTU) - Turtle	
FINISH:	Molded Plywood: Glacier 03; Perimeter: Pistachio 103; Base: Black	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F3A	1	Flick Perimeter Chair - Child
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Flick Perimeter Chair - SFPC11315	
DIMENSIONS:	15" Seat Height	
SPECIFICATIONS:	Perimeter: Quack PC.FDU - Duck	
FINISH:	Molded Plywood: Glacier 03; Perimeter: Grapefruit 101; Base: Black	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F3B	3	Flick Perimeter Chair - Child
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Flick Perimeter Chair - SFPC11315	
DIMENSIONS:	15" Seat Height	
SPECIFICATIONS:	Perimeter: Hoot PC.FOW - Owl	
FINISH:	Molded Plywood: Glacier 03; Perimeter: Aztec Red 110; Base: Black	
LOCATION:	Room: 104	3 Children's Library

TAG	QTY.	DESCRIPTION
F3C	3	Flick Perimeter Chair - Child
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Flick Perimeter Chair - SFPC11315	
DIMENSIONS:	15" Seat Height	
SPECIFICATIONS:	Perimeter: Penelope PC.FSQL - Squirrel	
FINISH:	Molded Plywood: Glacier 03; Perimeter: Medium Oak 26; Base: Black	
LOCATION:	Room: 104	3 Children's Library

TAG	QTY.	DESCRIPTION
F3D	3	Flick Perimeter Chair - Child
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Flick Perimeter Chair - SFPC11315	
DIMENSIONS:	15" Seat Height	
SPECIFICATIONS:	Perimeter: Leaf PC.FLF - Leaf	

FINISH:	Molded Plywood: Glacier 03; Perimeter: Tangerine 116; Base: Black		
LOCATION:	Room: 104	3	Children's Library

TAG	QTY.	DESCRIPTION
F5	1	Play - Multi-Touch Display Table
MANUFACTURER:	http://www.after-mouse.com SALES REP: Tom Bannon @ 646.361.1063 - Owner to Purchase direct	
MODEL # :	7024M-EN-UK	
DIMENSIONS:	21" x 32" x 21"	
SPECIFICATIONS:	Play; Multi-Touch display table	
FINISH:	Standard: TBD	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F5A	2	Tree Trunk Stools
MANUFACTURER:	Gressco	SALES REP: Marygrace Hess @ 630-453-2160
MODEL # :	53841	
DIMENSIONS:	12"H	
SPECIFICATIONS:	Woodsmen Naturescape Tree Trunk Stools by HABA	
FINISH:	Standard: Spruce	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
F5B	2	Tree Trunk Stools
MANUFACTURER:	Gressco	SALES REP: Marygrace Hess @ 630-453-2160
MODEL # :	53842	
DIMENSIONS:	12"H	
SPECIFICATIONS:	Woodsmen Naturescape Tree Trunk Stools by HABA	
FINISH:	Standard: Birch	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
F6	1	Security Detention System
MANUFACTURER:	3M	SALES REP: Owner to Purchase direct
MODEL # :	EM Detection System - 3802 Series	
DIMENSIONS:		
SPECIFICATIONS:		
FINISH:		
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F7A	5	Cramer Kik-Step Stool
MANUFACTURER:	Cramer (Demco)	SALES REP: Owner to Purchase direct
MODEL # :	Cramer Kik-Step Stool	
DIMENSIONS:	14-1/4"H x 16" Diameter	
SPECIFICATIONS:	14"H stool with non-skid treads and retractable casters	
FINISH:	Sand	
LOCATION:	Room: 104	5 Children's Library

TAG	QTY.	DESCRIPTION
F7B	4	Smith System Gorilla Flat Shelf Booktrucks
MANUFACTURER:	Smith System (Demco)	SALES REP: Owner to Purchase direct
MODEL # :	WE12209550	
DIMENSIONS:	44" x 36" x 18"	
SPECIFICATIONS:	Steel book truck with three flat shelves	
FINISH:	Clementine	
LOCATION:	Room: 133	4 Y.S. Office

TAG	QTY.	DESCRIPTION
F8	4	Existing Interactive Wall Activities
MANUFACTURER:	Existing	SALES REP: NA
MODEL # :		
DIMENSIONS:		
SPECIFICATIONS:	Not included in scope	
FINISH:		
LOCATION:	Room: 104	2 Children's Library

LOCATION:	Room: 130	2	Play Area
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TAG	QTY.	DESCRIPTION
F9	2	66"H. Double-Faced End Panels with Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	DF Perimeter end panel, 66"H	
DIMENSIONS:	24" W x 66"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Double faced end panel w/ Perimeter Cut-Out: Owl PE.OW; Maple Edge; Used with F14 shelving	
FINISH:	Glacier 03; Perimeter: Aztec Red 110	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
F9A	2	66"H. Double-Faced End Panels with Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	DF Perimeter end panel, 66"H	
DIMENSIONS:	24" W x 66"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Double faced end panel w/ Perimeter Cut-Out: Squirrel Eating Acorns PE.SQ + PE.BLA; Maple Edge; Used with F14 shelving	
FINISH:	Glacier 03; Perimeter: Medium Oak 26	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
F9B	2	66"H. Double-Faced End Panels with Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	DF Perimeter end panel, 66"H	
DIMENSIONS:	24" W x 66"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Double faced end panel w/ Perimeter Cut-Out: Bird PE.BI; Maple Edge; Used with F14 shelving	
FINISH:	Glacier 03; Perimeter: Chicory 108	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
F9C	1	66"H. Double-Faced End Panels with Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	DF Perimeter end panel, 66"H	
DIMENSIONS:	24" W x 66"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Double faced end panel w/ Perimeter Cut-Out: Frog PE.FR; Maple Edge; Used with F14 shelving	
FINISH:	Glacier 03; Perimeter: Clover 04	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
FC9	2	48"H. Double-Faced End Panels with Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	DF Perimeter end panel, 48"H	
DIMENSIONS:	24" W x 48"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Double faced end panel w/ Perimeter Cut-Out: Frog Life PE.FR + PE.PS; Maple Edge; Used with F4 shelving	
FINISH:	Glacier 03; Perimeter: Clover 04	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
FC9A	1	48"H. Double-Faced End Panels with Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	DF Perimeter end panel, 48"H	
DIMENSIONS:	24" W x 48"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Double faced end panel w/ Perimeter Cut-Out: Turtle PE.TU; Maple Edge; Used with F4 shelving	
FINISH:	Glacier 03; Perimeter: Pistachio 103	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
FC9B	1	48"H. Double-Faced End Panels with Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	DF Perimeter end panel, 48"H	
DIMENSIONS:	24" W x 48"H x Standard Depth; Coordinate dimensions with shelving manufacturer	

SPECIFICATIONS:	Double faced end panel w/ Perimeter Cut-Out: Duck in Lake PE.DU + PE.WF; Maple Edge; Used with F4 shelving	
FINISH:	Glacier 03; Perimeter: Grapefruit 101	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F10	3	66" H. Double-Faced End Panels without Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	DF end panel, 66"H	
DIMENSIONS:	24" W x 66"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Double faced end panel w/ Maple Edge; Used with F14 shelving	
FINISH:	Glacier 03	
LOCATION:	Room: 104	3 Children's Library

TAG	QTY.	DESCRIPTION
F10A	2	42"H. Single-Faced End Panels without Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	SF end panel, 42"H	
DIMENSIONS:	12" W x 42"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Single faced end panel w/ Maple Edge; Used with F17 shelving	
FINISH:	Glacier 03	
LOCATION:	Room: 104	3 Children's Library

TAG	QTY.	DESCRIPTION
F10B	5	66"H. Single-Faced End Panels without Animal Cut-Out
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	SF end panel, 66"H	
DIMENSIONS:	12" W x 66"H x Standard Depth; Coordinate dimensions with shelving manufacturer	
SPECIFICATIONS:	Single faced end panel w/ Maple Edge; Used with F29 shelving	
FINISH:	Glacier 03	
LOCATION:	Room: 104	5 Children's Library

TAG	QTY.	DESCRIPTION
F12	1	Nesting Table
MANUFACTURER:	KI	SALES REP: Anson Arndt @ 312.467.6850
MODEL # :	Pirouette Table	
DIMENSIONS:	30"D x 72"W x 29"H	
SPECIFICATIONS:	Rectangular training table; Nesting w/ locking casters & Laminate round vinyl bullnose edge.	
FINISH:	Laminate: LTR Tangerine	
	Legs: SX Starlight Silver Metallic	
	Standard Black Casters	
LOCATION:	Room: 131	1 Dog Reading Room

TAG	QTY.	DESCRIPTION
F15	1	Dog Pillow
MANUFACTURER:	Demco	SALES REP: Owner to Purchase direct
MODEL # :	WF14914010	
DIMENSIONS:	18" x 14" x 19"	
SPECIFICATIONS:	Child-sized Foam Lounge Chair	
FINISH:	Blue	
LOCATION:	Room: 131	1 Dog Reading Room

TAG	QTY.	DESCRIPTION
F19	2	Computer Carrel
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Perimeter Computer Carrel	
DIMENSIONS:	36"W x 29 1/2"D x 24"H - Overall Height determined by perimeter	
SPECIFICATIONS:	Computer carrel w/ Perimeter: Frog PL.FR above work surface; Maple Edge	
FINISH:	Glacier 03; Perimeter: Clover 04	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
F19A	1	Computer Carrel
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Perimeter Computer Carrel	

DIMENSIONS:	36"W x 29 1/2"D x 24"H Worksurface Height		
SPECIFICATIONS:	Computer carrel w/ Perimeter: Bird PL.BI above work surface; Maple Edge		
FINISH:	Glacier 03; Perimeter: Chicory 108		
LOCATION:	Room: 104	1	Children's Library

TAG	QTY.	DESCRIPTION
F19B	1	Computer Carrel
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Perimeter Computer Carrel	
DIMENSIONS:	36"W x 29 1/2"D x 24"H Worksurface Height	
SPECIFICATIONS:	Computer carrel w/ Perimeter: Owl PL.OW above work surface; Maple Edge	
FINISH:	Glacier 03; Perimeter: Aztec Red 110	
LOCATION:	Room: 104	5 Children's Library
1		

TAG	QTY.	DESCRIPTION
F19C	1	Computer Carrel
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Perimeter Computer Carrel	
DIMENSIONS:	36"W x 29 1/2"D x 24"H Worksurface Height	
SPECIFICATIONS:	Computer carrel w/ Perimeter: Squirrel PL.SQ above work surface; Maple Edge	
FINISH:	Glacier 03; Perimeter: Medium Oak 26	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F21	1	After School Edge Station
MANUFACTURER:	awelearning.com	SALES REP: Owner to Purchase Direct
MODEL # :		
DIMENSIONS:		
SPECIFICATIONS:	After school edge station	
FINISH:		
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F22	1	End-of-range PAC Station
MANUFACTURER:	Demco	SALES REP: Owner to Purchase direct
MODEL # :	WF14968620	
DIMENSIONS:	43 1/8" x 23 5/8" x 18"	
SPECIFICATIONS:	Ironwood Glacier End of Range PAC Station	
FINISH:	Light Oak	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F23	1	Round Table
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	TC42L10C25	
DIMENSIONS:	42"D Round x 25"H	
SPECIFICATIONS:	Flick Child Table with laminate self edge	
FINISH:	Laminate: Wilsonart: Tangerine 4915; Legs: Black	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F24	4	Y.S. Office Desk
MANUFACTURER:	Global	SALES REP: Eileen Rabacal @ 312.505.6768
MODEL # :	Zira Desking	
DIMENSIONS:	Refer to I-CF4; Verify dimensions in field	
SPECIFICATIONS:	Zira; See I-CF4; Desk w/ (1) BBF; 1" with 3 mm edge (A3); Plastic laminate end panels; open back for access to wall power below; w/ flared silver handle. Contact Eileen Rabacal for exact specifications	
FINISH:	Standard plastic laminate: Tiger Maple (TMP)	
LOCATION:	133	4 Y.S. Office

TAG	QTY.	DESCRIPTION
F25	2	Algonquin Lounge Chair
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	SAL11118	
DIMENSIONS:	33 3/4"W x 33"D x 31 3/4"H x 18"SH x 26"AH	

SPECIFICATIONS:	Algonquin Lounge Chair w/ firm cushions; Cut-Out: INT.T Tree	
FINISH:	Frame: Glacier 03; Laminate Inset: Formica: Leaf Green 8820-58	
	Upholstery: C.F. Stinson: Bon Voyage: BNV 24 Persimmon; Contact: Marygrace Hess @ 630.453.2160	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
F26	1	U-Shaped Desk
MANUFACTURER:	Global	SALES REP: Eileen Rabacal @ 312.505.6768
MODEL # :	Dufferin Series Desking	
DIMENSIONS:	See I-CF1; Verify dimensions in field	
SPECIFICATIONS:	Dufferin; Desk w/ Two inch knife edge & (1) BBF, (2) FF, (1) storage cabinet, (1) two file module w/ door, include solid wood veneer over head cabinets w/ tackboard panel below. All cabinets to lock and w/ nickel moon (PL34) handle. See I-CF1; Contact Eileen Rabacal for exact specifications.	
FINISH:	Standard Veneer: White Maple (WWP)	
	Standard Laminate: Hayden Gray HGT	
	Tack Panel: Tracery; Brindle TC41	
LOCATION:	132	1 Y.S. Office

TAG	QTY.	DESCRIPTION
F27	6	Task Chair
MANUFACTURER:	Sit On It Seating	SALES REP: Sean Canty @ 312.644.3726
MODEL # :	Focus 5622 Work Midback task chair	
DIMENSIONS:	27.3W x 25"D x 35"H	
SPECIFICATIONS:	Focus Task Chair w/ arms; Mesh back; Midback; Fully multi-adjustable arm (10-way); Seat depth adjustment; and Standard Casters	
FINISH:	Seat Upholstery: Arc-Com: Polo AC-69765: Flame #6; Contact Jamie Bush @ 312.339.0888	
	Mesh: Slate	
	Base & Frame: Black	
LOCATION:	Room: 132	1 Y.S. Office
	Room: 133	5 Y.S. Office

TAG	QTY.	DESCRIPTION
F28	4	Stacking Chair
MANUFACTURER:	KI	SALES REP: Anson Arndt @ 312.467.6850
MODEL # :	Strive High Density Stacking Chair - SWNA	
DIMENSIONS:	19.5"W x 22.25"D x 32.5"H	
SPECIFICATIONS:	Wire rod high density stacking Polypropylene chair; Armless w/ flex back; Sled Base	
FINISH:	Seat & Back: PGN Grass Green; Frame: Chrome	
LOCATION:	Room: 131	3 Y.S. Office
	Room: 132	1 Y.S. Office

TAG	QTY.	DESCRIPTION
F31	1	Bookcase
MANUFACTURER:	Global	SALES REP: Eileen Rabacal @ 312.505.6768
MODEL # :	Dufferin Bookcase - DB63615	
DIMENSIONS:	15"D x 36"W x 72"H	
SPECIFICATIONS:	Dufferin; Veneer/Laminate bookcase w/ 6 adjustable shelves; Contact Eileen Rabacal for exact specifications	
FINISH:	Standard Veneer: White Maple (WWP)	
	Standard Plastic Laminate: Hayden Gray HGT	
LOCATION:	132	1 Y.S. Office

TAG	QTY.	DESCRIPTION
F32	1	Storage Cabinet
MANUFACTURER:	Global	SALES REP: Eileen Rabacal @ 312.505.6768
MODEL # :	9300 Series Multi-Stor - 9336P-5MSL	
DIMENSIONS:	18"D x 36"W x 66.25"H	
SPECIFICATIONS:	9300 Series Multi-Stor cabinet, looped full pull; keyed cabinets	
FINISH:	Standard Metal: Oyster (F35)	
LOCATION:	130	1 Play Area

TAG	QTY.	DESCRIPTION
F33	2	Lounge Chair
MANUFACTURER:	KI	SALES REP: Anson Arndt @ 312.467.6850
MODEL # :	Ariisa Chair - A323A/NC	

DIMENSIONS:	36"W x 27.25D x 32"H	
SPECIFICATIONS:	Arisa Armless Chair fully upholstered	
FINISH:	Seat & Back Upholstery: C.F. Stinson: Bon Voyage: BNV 22 Sprout; Contact: Marygrace Hess @ 630.453.2160	
	Legs: Standard Kensington Maple on Maple	
LOCATION:	Room: 104	2 Children's Library

TAG	QTY.	DESCRIPTION
F34	1	Tree Play Shelf
MANUFACTURER:	Gressco	SALES REP: Marygrace Hess @ 630.453.2160
MODEL # :	Tree Play Shelf - 120555	
DIMENSIONS:	71 1/2" W x 71 1/2" H x 14 " D	
SPECIFICATIONS:	Large wall Grow.upp play shelf system by HABA	
FINISH:	Standard: Birch Wood	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F35	6	Mobiles
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Mobile - MBBF100	
DIMENSIONS:	13"L-24"L	
SPECIFICATIONS:	Medium Bird in flight mobile; Include wires for hanging	
FINISH:	Aztec Red 110	
LOCATION:	Room: 104	6 Children's Library; See ceiling plan for locations

TAG	QTY.	DESCRIPTION
F35A	6	Mobiles
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Mobile - MBTC100	
DIMENSIONS:	13"L-24"L	
SPECIFICATIONS:	Medium Tampa Cloud Mobile; Include wires for hanging	
FINISH:	French Blue 111	
LOCATION:	Room: 104	6 Children's Librar; See ceiling plan for locations

TAG	QTY.	DESCRIPTION
F36	1	Book Bin
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Arc Book Bin - MBAC362332	
DIMENSIONS:	36"W x 23 3/4"D x 32"TH x 39"OH	
SPECIFICATIONS:	Arc Single Faced book bin with CutThru cutout; Cutout: ANI.B Bobcat	
FINISH:	Frame: Ocean 105	
LOCATION:	Room: 104	1 Children's Library

TAG	QTY.	DESCRIPTION
F37	1	Leaf Table
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Leaf Table - TPL4148L40P	
DIMENSIONS:	41"W x 48"L	
SPECIFICATIONS:	Leaf Table w/ plover leg	
FINISH:	Laminate: Formica: Leaf Green 8820-58; Legs: Glacier 03	
LOCATION:	Room: 130	1 Play Area

TAG	QTY.	DESCRIPTION
F37A	4	Plover Stools
MANUFACTURER:	TMC Furniture	SALES REP: Blake Ratcliffe @ 734.622.0080
MODEL # :	Plover Stool - SPL31714	
DIMENSIONS:	16"OW x 14"W x 14"D x 14"SH	
SPECIFICATIONS:	Plover Laminate Stool - Child size	
FINISH:	Laminate: Formica: Wenge Strand 6306-58; Legs: Glacier 03	
LOCATION:	Room: 130	4 Play Area

TAG	QTY.	DESCRIPTION
F38	1	Study Grouping
MANUFACTURER:	Existing	SALES REP: NA
MODEL # :		

DIMENSIONS:	
SPECIFICATIONS:	<i>Not included in Scope</i>
FINISH:	
LOCATION:	Room: 116 1 Colonnade- Teen & Periodical

TAG	QTY.	DESCRIPTION
F39	6	Study Table
MANUFACTURER:	Agati	SALES REP: Karina Gitlevich @ 312.404.5432
MODEL # :	Manifest Table	
DIMENSIONS:	36"W x 60"L x 30"H	
SPECIFICATIONS:	Manifest study table w/ marmoleum top with PVC edge; Contact Karina Gitlevich for exact specifications	
FINISH:	Top: Forbo: Marmoleum Vivace: Green Melody 3413; Base: Standard	
LOCATION:	Room: 116 5 Colonnade- Teen & Periodical	
	Upstairs (not shown on plan) 1 Confirm location with client	

TAG	QTY.	DESCRIPTION
F39A	13	Study Chairs
MANUFACTURER:	KI	SALES REP: Anson Arndt @ 312.467.6850
MODEL # :	Strive High Density Stack Chair - SWNAU	
DIMENSIONS:	19.5"W x 22.25"D x 32.5"H	
SPECIFICATIONS:	Wire rod high density stacking Polypropylene chair with upholstered seat; Armless w/ flex back; Sled Base	
FINISH:	Frame: Cayenne; Base/Legs: Chrome	
	Upholstered seat: Arc-Com: Spin AC-61760; Primary #1; Contact: Jamie Bush @ 312.339.0888	
LOCATION:	Room: 116 13 Colonnade- Teen & Periodical	

TAG	QTY.	DESCRIPTION
F39B	13	Study Chairs
MANUFACTURER:	KI	SALES REP: Anson Arndt @ 312.467.6850
MODEL # :	Strive High Density Stack Chair - SWNAU	
DIMENSIONS:	19.5"W x 22.25"D x 32.5"H	
SPECIFICATIONS:	Wire rod high density stacking Polypropylene chair with upholstered seat; Armless w/ flex back; Sled Base	
FINISH:	Frame: Sky Blue; Base/Legs: Chrome	
	Upholstered seat: Arc-Com; Empress AC-61875; Lime #16; Contact: Jamie Bush @ 312.339.0888	
LOCATION:	Room: 116 13 Colonnade- Teen & Periodical	

TAG	QTY.	DESCRIPTION
F40	2	Study Carrels
MANUFACTURER:	Agati	SALES REP: Karina Gitlevich @ 312.404.5432
MODEL # :	Manifest Carrel	
DIMENSIONS:	42"W x 30"D x 48"H	
SPECIFICATIONS:	Manifest study carrel w/ 12" plastic laminate privacy panels on side & 14" plastic laminate panel on back; marmoleum top w/ hardwood edge; provide (1) grommet per table; Contact Karina Gitlevich for exact specifications	
FINISH:	Top: Forbo: Marmoleum Real: Stucco Rosso 3243; Base: Standard	
	Laminate: Wilsonart Kennsington Maple 10776	
LOCATION:	Room: 116 2 Colonnade- Teen & Periodical	

TAG	QTY.	DESCRIPTION
F41	2	Lounge Chairs
MANUFACTURER:	Steelcase - Turnstone	SALES REP: Michael J. Smith @ 312.502.9916
MODEL # :	Jenny Lounge	
DIMENSIONS:	Standard	
SPECIFICATIONS:	Jenny Club w/ solid wood feet	
FINISH:	Upholstery: Arc-Com: Spin AC-61760; Mocha #13; Contact: Jamie Bush @ 312.339.0888	
	Feet: Clear Maple	
LOCATION:	Room: 116 2 Magazines	

TAG	QTY.	DESCRIPTION
F41A	1	Lounge Chairs
MANUFACTURER:	Steelcase - Turnstone	SALES REP: Michael J. Smith @ 312.502.9916
MODEL # :	Jenny Lounge	
DIMENSIONS:	Standard	
SPECIFICATIONS:	Jenny Club w/ Solid wood feet	
FINISH:	Upholstery: Arc-Com; Empress AC-61875; Lime #16; Contact: Jamie Bush @ 312.339.0888	

	Feet: Clear Maple		
LOCATION:	Room: 116	1	Colonnade- Teen & Periodical

TAG	QTY.	DESCRIPTION
F42	4	Lounge Chairs
MANUFACTURER:	Existing	SALES REP: NA
MODEL # :		
DIMENSIONS:		
SPECIFICATIONS:	Not included in Scope	
FINISH:		
LOCATION:	Room: 116	4 Colonnade- Teen & Periodical

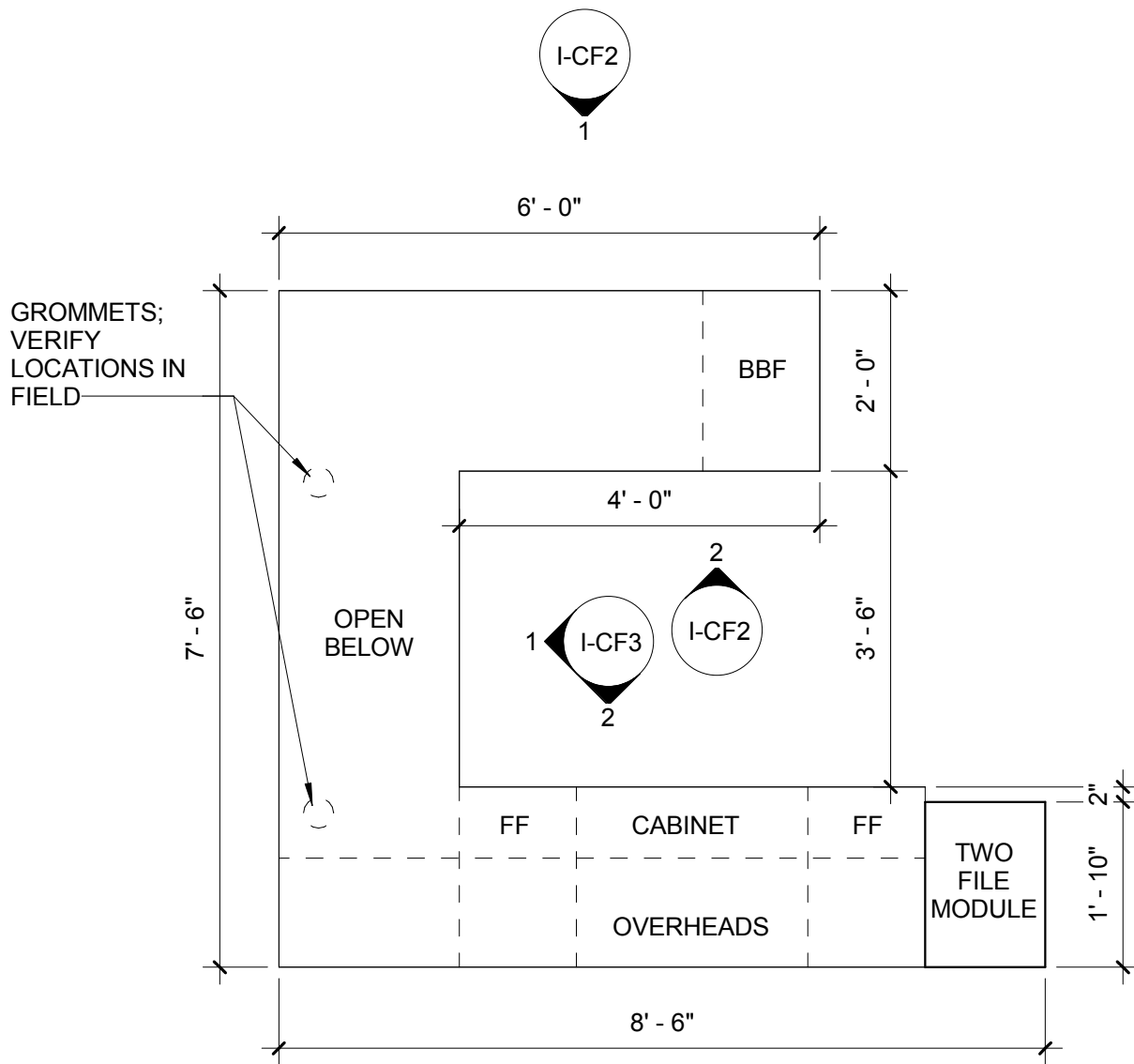
TAG	QTY.	DESCRIPTION
F43	2	Tablet Arm Lounge Chairs
MANUFACTURER:	Steelcase - Turnstone	SALES REP: Michael J. Smith @ 312.502.9916
MODEL # :	Jenny Tablet Lounge - TS31401T	
DIMENSIONS:	Standard	
SPECIFICATIONS:	Jenny Tablet Arm w/ solid wood feet; (1) Left-Handed, (1) Right-Handed	
FINISH:	Arc-Com: Pattern: Spin AC-61760; Color: Primary #1; Contact: Jamie Bush @ 312.339.0888	
	Feet: Clear Maple	
LOCATION:	Room: 116	2 Colonnade- Teen & Periodical

TAG	QTY.	DESCRIPTION
F44	2	End Table
MANUFACTURER:	Existing	SALES REP: NA
MODEL # :		
DIMENSIONS:		
SPECIFICATIONS:	Not included in Scope	
FINISH:		
LOCATION:	Room: 116	2 Colonnade- Teen & Periodical

TAG	QTY.	DESCRIPTION
F45	1	Hightop Table & Chairs
MANUFACTURER:	Existing	SALES REP: NA
MODEL # :		
DIMENSIONS:		
SPECIFICATIONS:	Not included in Scope	
FINISH:		
LOCATION:	Room: 116	1 Colonnade- Teen & Periodical

TAG	QTY.	DESCRIPTION
F47	1	Newspaper Stand
MANUFACTURER:	Existing	SALES REP: NA
MODEL # :		
DIMENSIONS:		
SPECIFICATIONS:	Not included in Scope	
FINISH:		
LOCATION:	Room: 116	1 Colonnade- Teen & Periodical

****NOTE: VERIFY ALL DIMENSIONS IN FIELD**



1 Y.S. Office 132 - Desk

Scale: 1/2" = 1'-0"



25 S. GROVE AVENUE, SUITE 500, Suite 1
ELGIN, ILLINOIS
847.695.5840
847.742.4571 Fax

Subject:
Y.S OFFICE 133 - DESK PLAN

Project:
KINGSPORT PUBLIC LIBRARY

Date:
09/15/16
Scale:
1/2" = 1'-0"

Project No.:
50081656

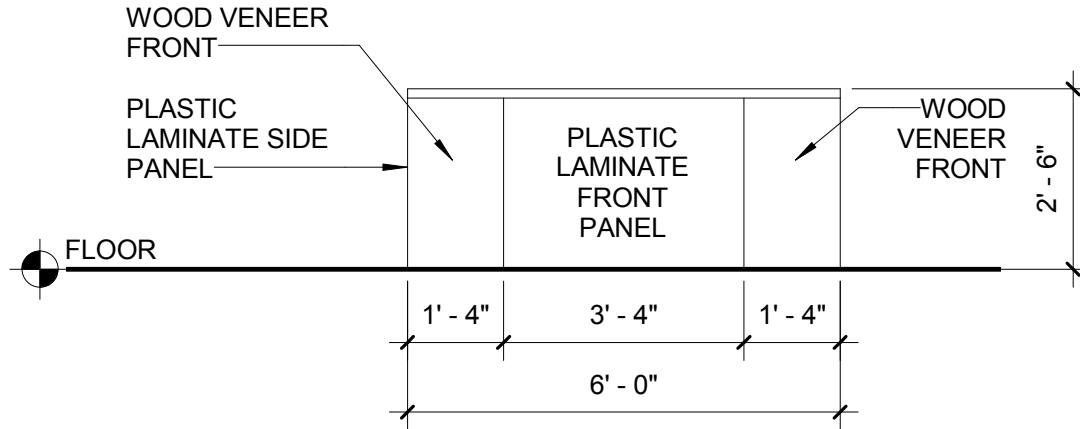
Revision:

Drawing No.:

Sketch No.:

I-CF1

**NOTE: VERIFY ALL DIMENSIONS IN FIELD

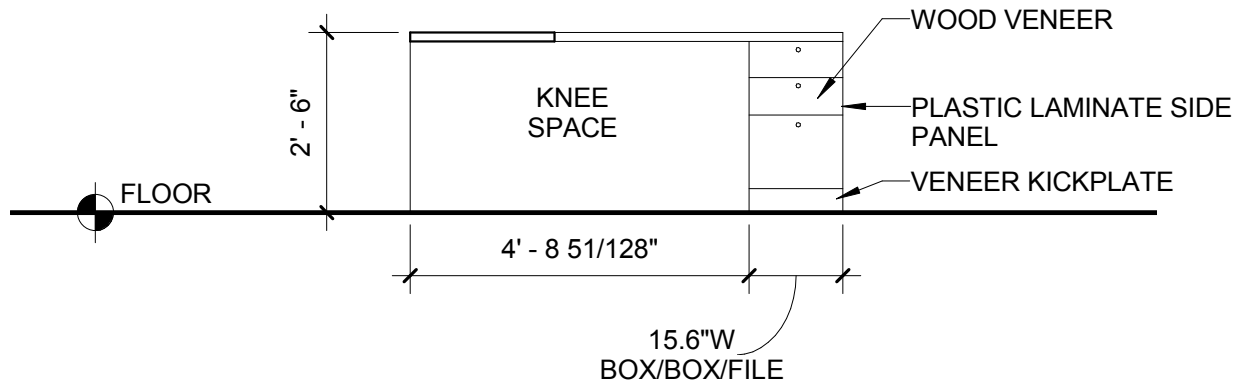


ELEV. - Y.S. OFFICE 132 DESK - FRONT

1

Scale: 3/8" = 1'-0"

**LOCKABLE CABINETS, KEYED PER ROOM



ELEV. - Y.S. OFFICE 132 DESK - NORTH

2

Scale: 3/8" = 1'-0"



25 S. GROVE AVENUE, SUITE 500, Suite 1
ELGIN, ILLINOIS
847.695.5840
847.742.4571 Fax

Subject:

Y.S. OFFICE 132 - DESK
ELEVATIONS

Project:

KINGSPORT PUBLIC LIBRARY

Date:

09/15/16

Scale:

3/8" = 1'-0"

Project No.:

50081656

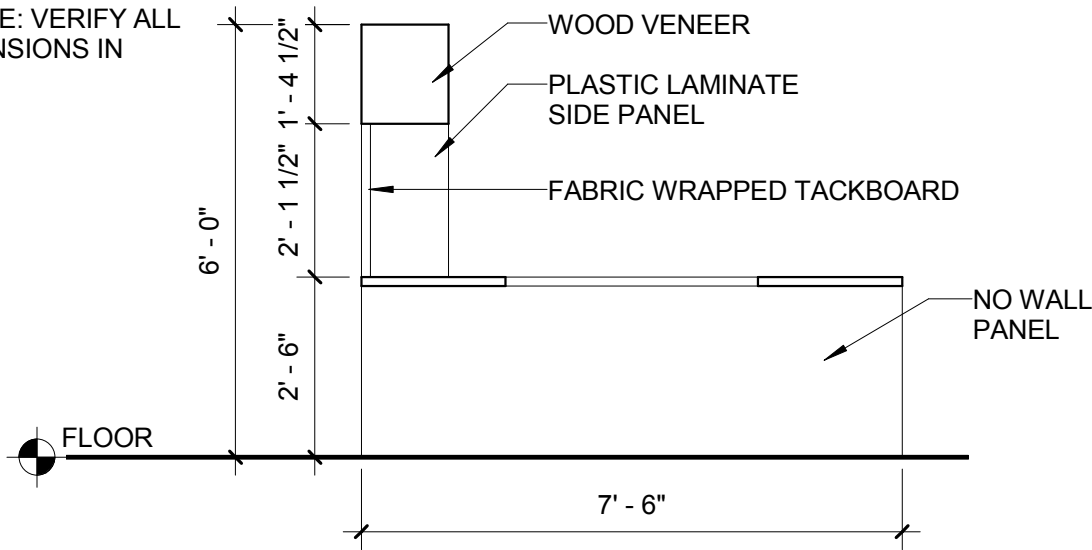
Revision:

Drawing No.:

Sketch No.:

I-CF2

****NOTE: VERIFY ALL
DIMENSIONS IN
FIELD**

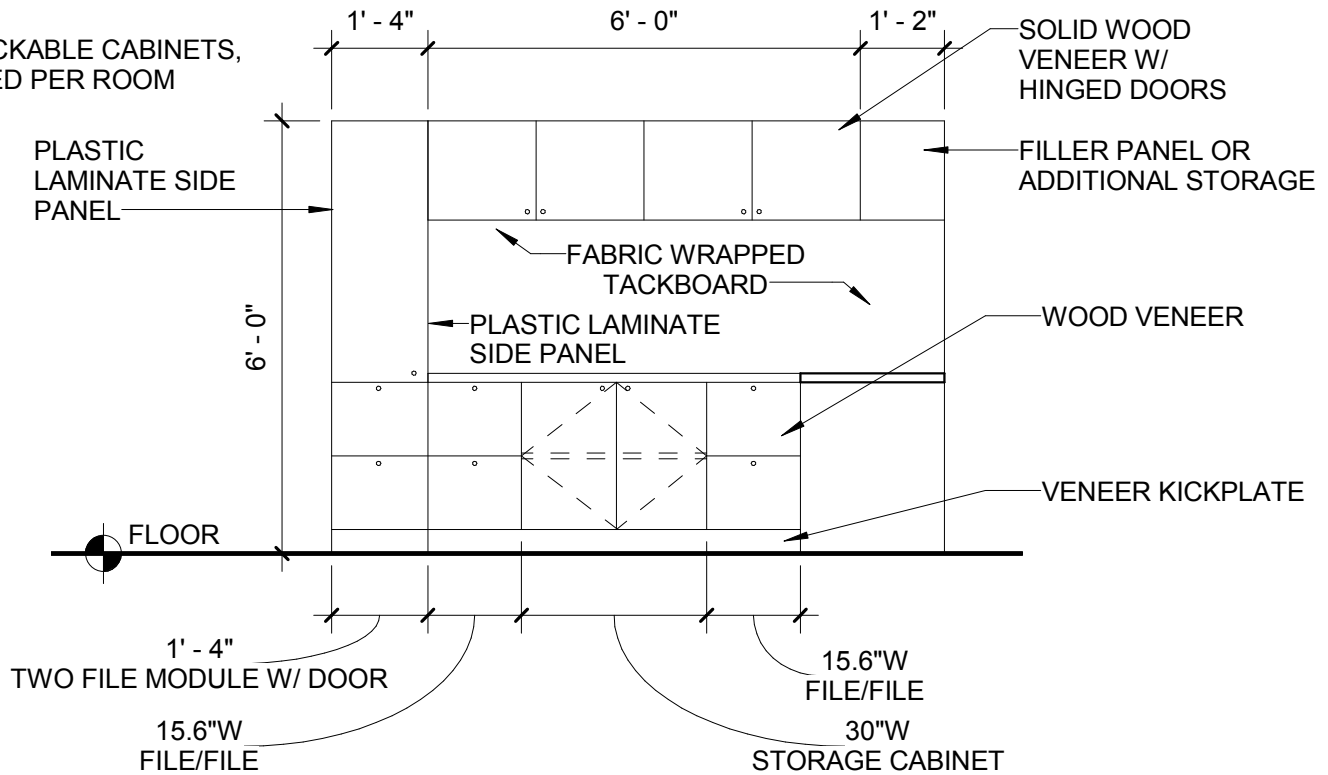


1

ELEV. - Y.S. OFFICE 132 DESK - WEST

Scale: 3/8" = 1'-0"

****LOCKABLE CABINETS,
KEYED PER ROOM**



2

ELEV. - Y.S. OFFICE 132 DESK - SOUTH

Scale: 3/8" = 1'-0"



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Subject:

Y.S. OFFICE 132 - DESK
ELEVATIONS

Project:

KINGSPORT PUBLIC LIBRARY

Date:

09/15/16

Scale:

3/8" = 1'-0"

Project No.:

50081656

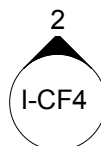
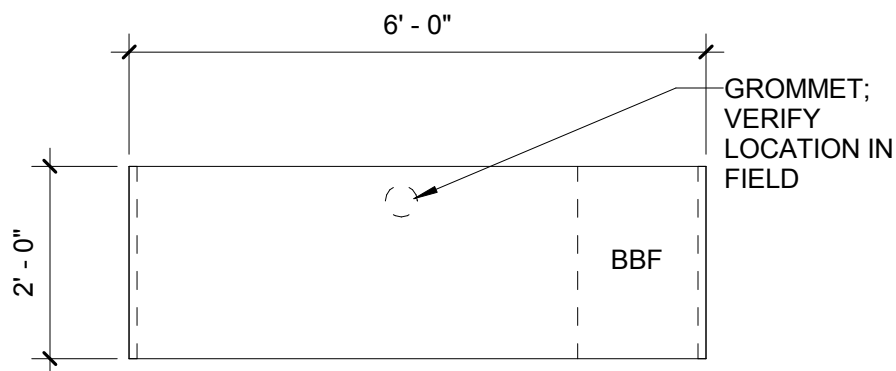
Revision:

Drawing No.:

Sketch No.:

I-CF3

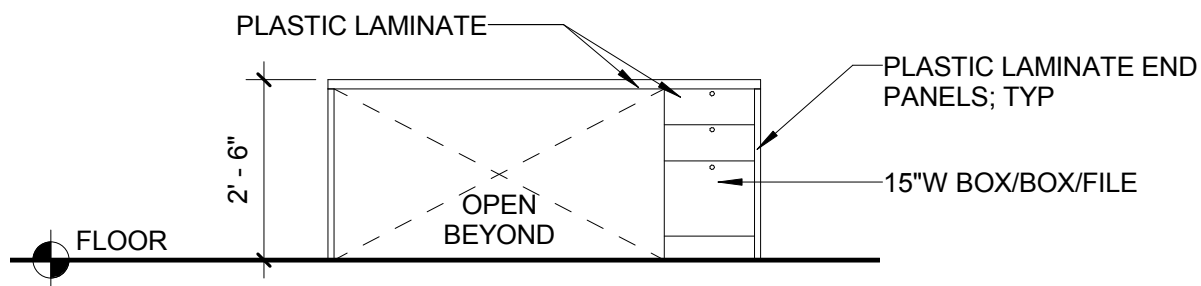
****NOTE: VERIFY ALL DIMENSIONS IN FIELD**



1 Y.S. OFFICE 133 - DESK, TYP.

Scale: 1/2" = 1'-0"

****LOCKABLE CABINET**



2 ELEVATION - Y.S. DESK 133

Scale: 3/8" = 1'-0"



25 S. GROVE AVENUE, SUITE 500, Suite 1
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Subject:

Y.S. OFFICE 133 - DESK
TYPICAL

Project:

KINGSPORT PUBLIC LIBRARY

Date:

09/15/16

Scale:

As indicated

Project No.:

50081656

Revision:

Drawing No.:

Sketch No.:

I-CF4