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MODEL: **E-SOC CONTROL STATION**

1) GENERAL DESCRIPTION

1.1 E-SOC Control Stations: see Appendix "A, B, C and D " for typical styles and measurements.

1.2 The contractor shall supply a modular, expandable and reconfigurable workstation that supports the specified monitors, computers and other equipment.

1.3 The system shall provide ample work surface and horizontal aluminum track system to accommodate the specified monitors and equipment. Space for computer CPUs shall exist in a rack cabinet or a method shall be provided to mount such equipment under the desk's work surface.

1.4 Task lighting with brightness control and directional capability shall be provided as an option.

1.5 The base console and corner sections shall feature modesty panels with an integrated cable management system that provides grommeted, discrete routing of cables and wires. A large, adjustable internal cable tray with quick-release spring hinges will also be available.

1.6 The work surface shall be a 20" (508mm) deep 1-1/8" (32mm) thick MDF core Endurance Plus work surface with a flexible PVC T-edge inserted into the front bevel for added durability.

2) STANDARDS

2.1 All optional racks integrated with the console shall comply with Electronic Industry Association (E.I.A.) specifications for rack mounting ANSI/E standard RS-310.

2.2 All monitor mounts used with the Versa-Trak mounting system are compliant with the Mounting Interface Standard established by the Video Electronics Standards Association (VESA).

3) DRAWINGS

3.1 The contractor shall supply five sets of scaled drawings for each console assembly showing the location of all the specified electronics in isometric view, as well as plan (top) and front views.

3.2 The specification of sizes and dimensions shown in the drawings shall have a tolerance of not more than +/- 0.062" (1.6mm).

4) MODULAR PRE-ENGINEERED CONSTRUCTION

All components within the system shall be:

4.1 Of a pre-engineered steel and wood construction.

4.2 Be available from a pre-defined set of manufacturers model numbers.

4.3 Free from alterations to the design either prior to or following installation, will be accomplished without the need for either welding or carpentry work.

4.4 Constructed of a steel super-structure framework consisting of vertical end frames, rear vented modesty panel and horizontal Versa-Trak. External decorative side panels are available in TruForm or laminated MDF core.

5) COMPONENTS

5.1 BASE CONSOLES

Base Consoles shall be 34-5/8" (880mm) deep, 29" (736mm) high, and available in 48" (1219mm) 60" (1524mm) and 72" (1829mm) widths. Base consoles shall feature a vented, full modesty panel with lift-off rear access panels and integrated cable trough. Additional cable management will be provided by a large, adjustable internal cable tray with quick-release spring hinges.

5.2 END FRAMES

16 and 14 gauge* (.060" and .074") end frames shall be a minimum of 2" (51mm) in width and capable of supporting fully loaded console. End frames shall incorporate 3/8" (10mm) diameter threaded adjustable glides and feature an anti-tip extension.

5.3 HINGED CORNER SECTIONS

Corner sections shall be hinged for maximum flexibility, allowing the user to determine the appropriate angle for the application and the space.

5) COMPONENTS (CONT.)

5.4 VERSA-TRAK
Fully integrated clear anodized aluminum track system capable of supporting a wide variety of monitor arrays while providing simple horizontal adjustment. Constructed of extruded 6105-T5 aluminum with a T-slot profile. Monitor arrays are mounted to the track with ball spring drop-in T-nuts.

5.5 DATA/POWER RAIL
16 gauge (.060") angled data/power rail shall include cable grommets and openings for a universal data mounting plate and openings for duplex power box.

5.6 TASK LIGHTING
Optional Task Light features a three-bar design for ultimate reach and flexibility. The ultra-adjustable LED head can spin in its socket, sweep side to side, and rotate around the end of the arm to point in any direction. A brightness touchstrip is located near the LED head for easy access.

6) FINISH AND COLOR

6.1 All steel frame components, including CPU tower supports, pullout keyboard shelves, and accessories shall have a zinc oxide wash primer with a black baked-on textured enamel paint finish. Standard work surface shall be a 20" (508mm) deep 1-1/8" (32mm) thick MDF core Endurance Plus work surface with flexible PVC T-edging inserted into the front edge for added durability.

6.2 A wide variety of graphics, textures and colors are available for custom finishing.

7) OPTIONAL ACCESSORIES

7.1 A full range of optional accessories shall be available including, but not limited to: CPU mounts, rack cabinet, task lighting, power supplies, phone trays, chairs, and decorative end panels.

8) MATERIALS

8.1 Work surfaces shall be made of 1-1/8" (29mm) thick laminated MDF core and/or TruForm with a 1-1/8" (29mm) thick MDF core.

8.2 Base console legs and framework shall be made of 16-gauge (.060") steel.

8.3 Steel frames shall be of pre-welded and formed construction. All exposed welds shall be filed smooth and sharp corners eliminated.

8.4 All components shall be shipped either partially assembled or knocked down to save shipping costs. All assembly must be possible on site without welding or carpentry work.

9) MOUNTING HARDWARE

9.1 Mounting hardware for the specified electronics shall be available upon request. All hardware needed for assembly shall be provided. Panel bolts, washers, and clips with captive nuts suitable for use with EIA standard punched rack rails shall be included where appropriate.

10) INSTRUCTIONS

10.1 Fully detailed assembly instructions in the English language shall be supplied with both written and pictorial descriptions for each item/model numbered component.

11) PACKAGING

11.1 Each component part number shall be independently marked and packed into double or triple ply corrugated outer cartons and shall be suitable for storage and shipping to site without damage.

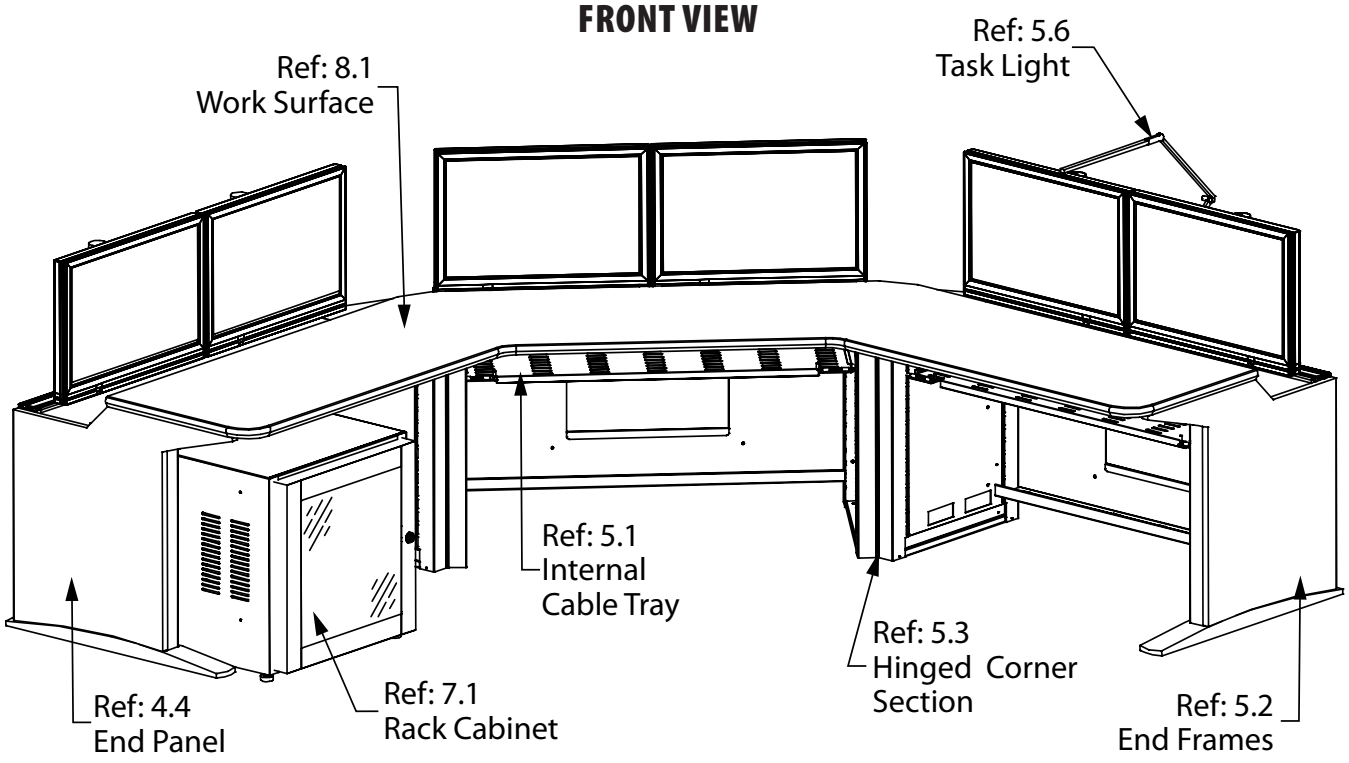
12) WARRANTY

12.1
- A LIFETIME WARRANTY on all fixed steel structure frame components.
- A 10 year warranty on adjustable, sliding or hinged components and laminated surfaces.
- A 5 year warranty on Endurance Plus and TruForm surfaces.
- A 2 year warranty on all electrical components and chairs.

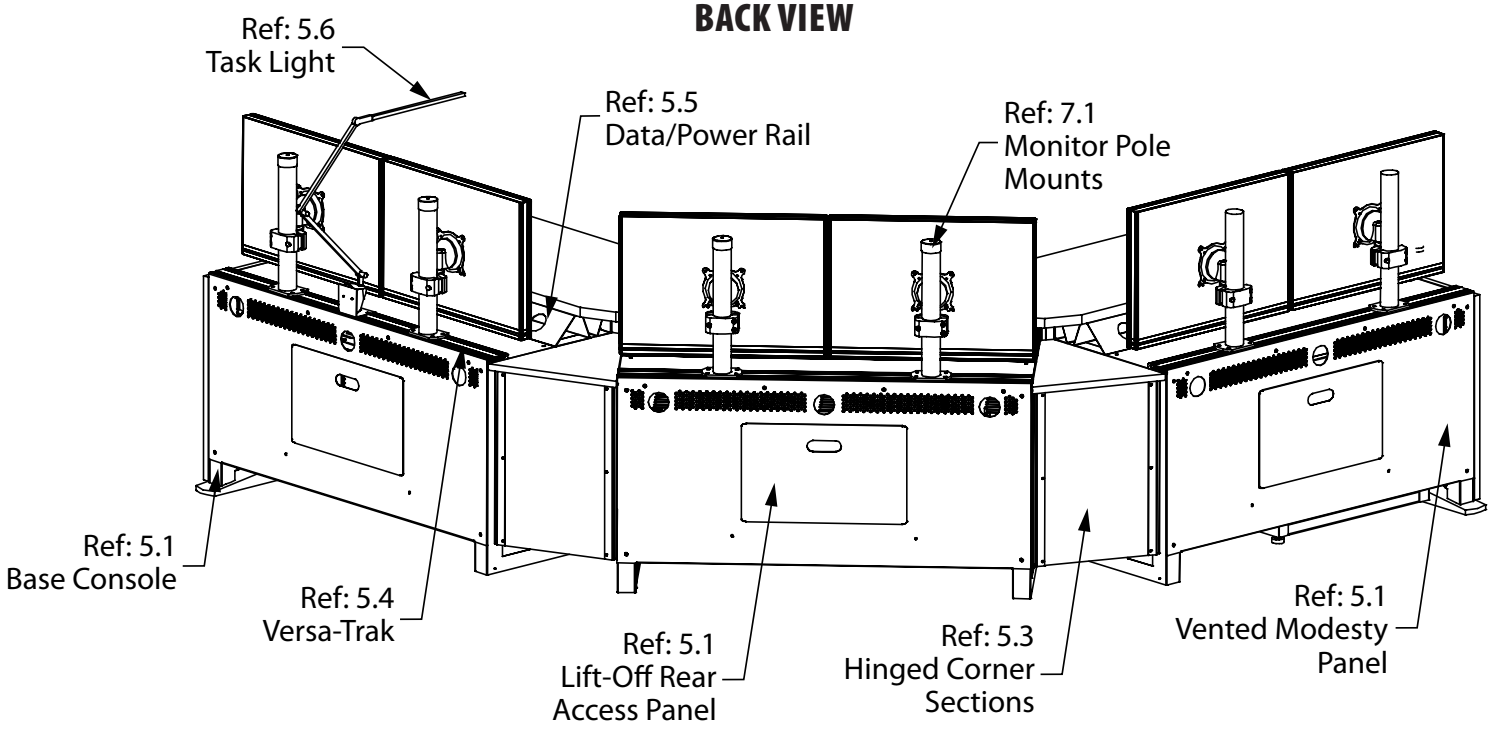
*American Standard Wire Gauge (ASWG).

MODEL: **E-SOC CONTROL STATION (CONT.)**

FRONT VIEW



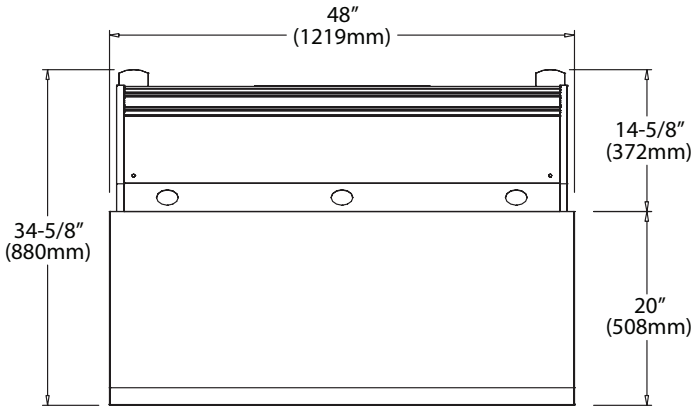
BACK VIEW



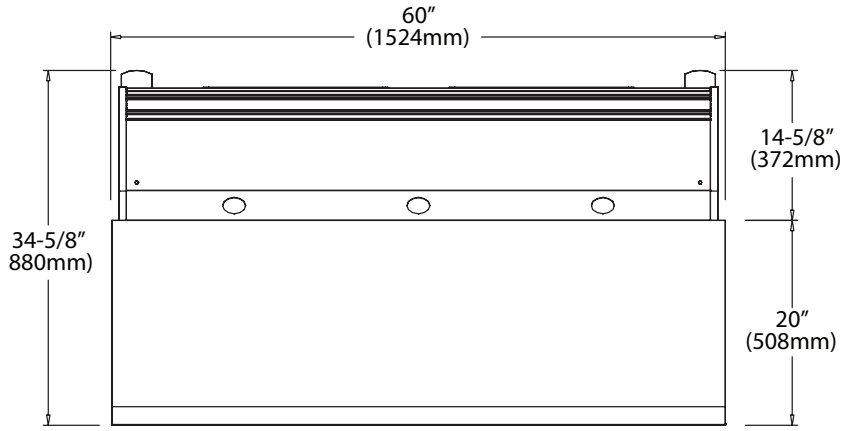
APPENDIX A

BASE CONSOLES

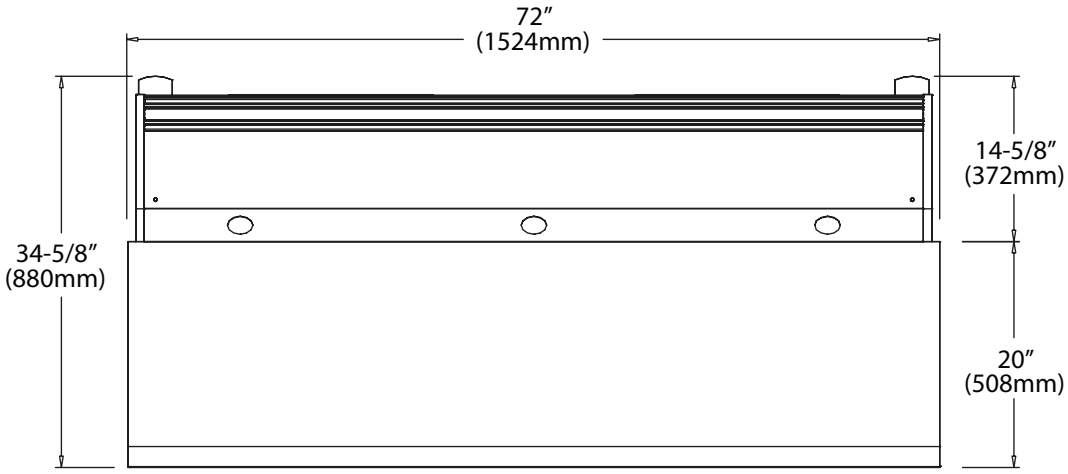
48" BASE CONSOLE



60" BASE CONSOLE

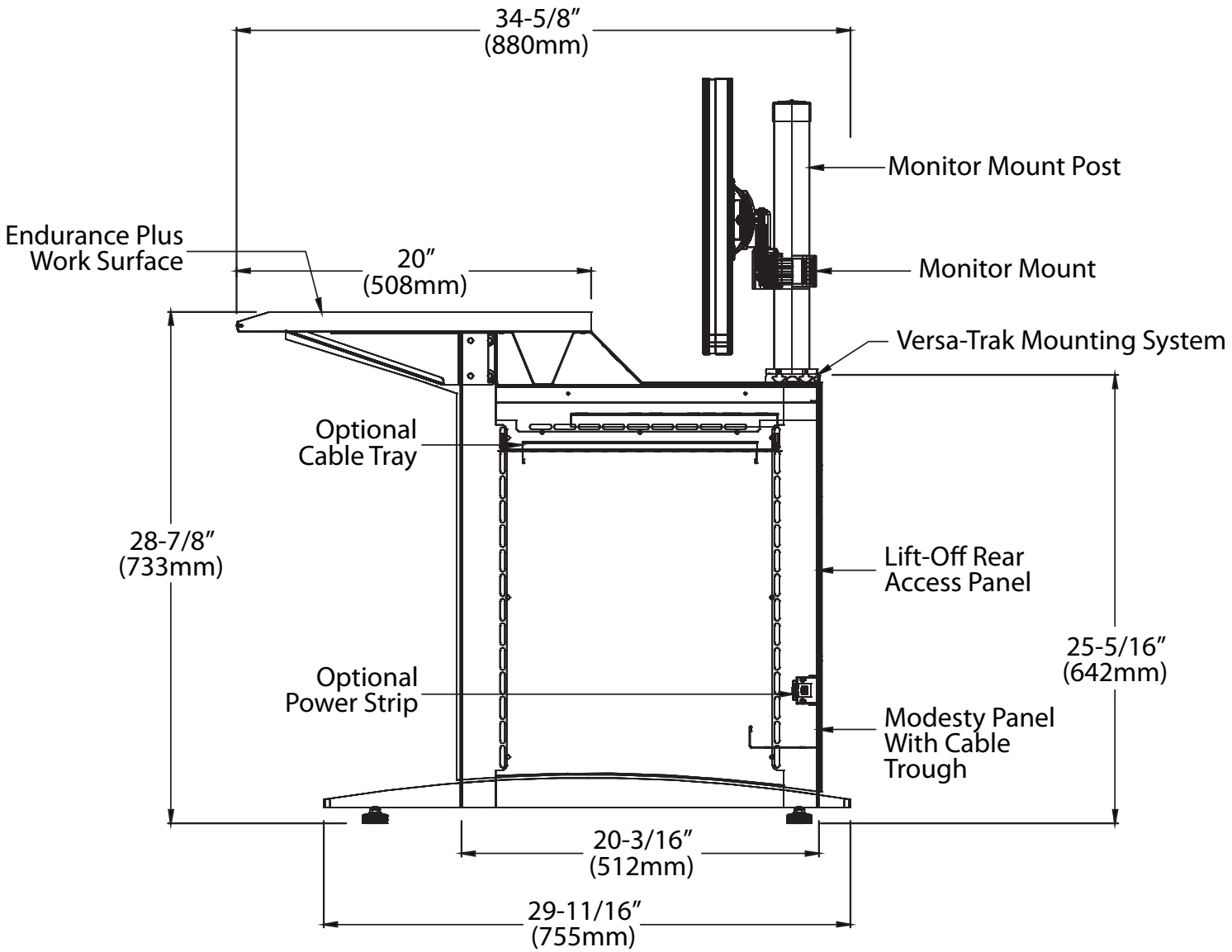


72" BASE CONSOLE



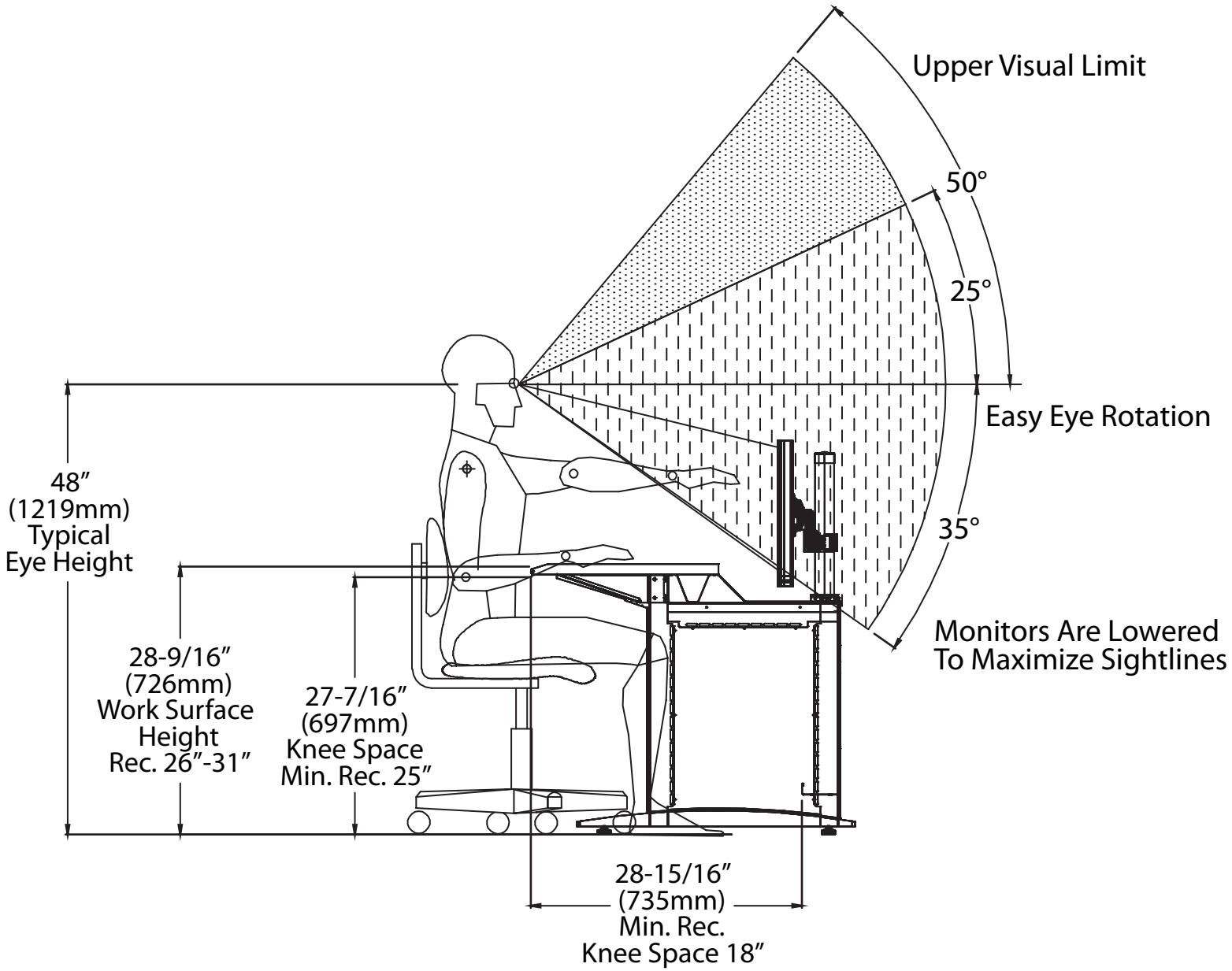
APPENDIX B

SIDE PROFILE WITH FEATURES



APPENDIX C

ERGONOMIC DETAIL



APPENDIX D