General - Storage cabinet shall be equal in all respects to Lyon LLC #1000 storage cabinet. Note: There shall be no exposed bolts on face or sides of cabinets.

Material - Shall be the best quality, cold rolled, mild annealed, sheet steel, free from buckle, loose scale or other surface imperfections.

Gauges - Gauge numbers specified herein are manufacturers standard gauges for sheet steel.

Finish - All sheet steel parts are to be thoroughly cleaned before finish is applied. Finish shall be baked on at a temperature of not less than 300°F and must withstand a rigid hammer test without flaking. Finish shall be Lyon Dove Gray, or Putty.

Size - Cabinet shall be 36" wide by 18", 21", or 24" deep by 78" high.

Interior Equipment For 1000 and 1001 Storage Cabinet
Shall consist of four full width shelves fabricated of not less than 20-gauge cold rolled steel. Sides of shelf shall be suitably flanged for strength and rigidity. Front and rear edges shall be flanged down and returned 30 degrees. Rear corners of shelf shall engage shelf supports slots formed into outer edge of back. Front corners of the shelf shall rest upon 14-gauge shelf adjustment clips. Shelves shall be adjustable on 2" vertical centers.

Interior Equipment For Wardrobe Cabinet
Shall consist of one full width storage shelf identical to shelf furnished for storage cabinet. In addition, a full width coat rod fabricated from 7/8" O.D. by 16-gauge wall steel tube shall be suitably formed and attached to underside of shelf. Shelf and coat rod are adjustable on 2" centers vertically.

Interior Equipment For Combination Cabinet
Shall consist of one full width storage shelf at the top. The open area below shelf shall be divided into two compartments by a vertical dividing partition, which shall extend from top surface of cabinet bottom to underside of cabinet full width shelf. Partition shall be, for all practical purposes, approximately full depth of cabinet top shelf. One of the cubicles created by the partition shall be equipped with a coat rod, which shall extend horizontally from partition to cabinet side and shall be securely anchored in place. The remaining cubicle shall contain four half shelves which shall be adjustable on 2" vertical centers without the use of tools. The vertical dividing partition shall be fabricated from not less than 24-gauge cold rolled steel with front and rear vertical edges suitably formed /flanged for strength and rigidity. The full width top shelf shall be fabricated of not less than 20-gauge cold rolled steel suitably formed /flanged on all four sides for strength and rigidity and punched for attachment of vertical partition. In addition, the top shelf shall be assembled to the cabinet in the same manner as the #1005/#1006 wardrobe cabinet. The four material storage half shelves shall be fabricated of not less than 24-gauge cold rolled steel, suitable flanged/ formed on all four sides for strength and rigidity and shall be supported by shelf clips by adjustment strip notches.

Top - Shall be of not less than 24-gauge steel flanged 3/8" on sides and back for rigidity. Top is punched on all four edges for attachment to top channel, sides, and back assembly.

Sides - Shall be of not less than 24-gauge steel flanged 3/4" top and bottom. The rear edge of side shall be broken double to form rigid 1/2" vertical mullion and 90 degree again to form back attachment flange. The front edge of side is broken 90 degrees and radiuses 5/8" to form rigid 1-1/8" vertical mullion with outer edge rounded. The front 1-1/8" mullion shall be reinforced by means of 18-gauge shelf adjustment strips captive and spot-welded into side. The side is further

reinforced at the point of top and bottom channel attachments by means of 16-gauge corner reinforcement brackets. The sides are punched for attachment to the top, back, and top and bottom channels. The side is also equipped with a 20-gauge bottom reinforcement clip spot welded to side.

Back Assembly - Shall consist of two identical half back panels of not less than 24-gauge steel bolted together up center of cabinet. Panels shall be flanged 3/4" top and bottom. The outer edges of half back panels shall be triple broken to form rigid 1/2" vertical mullions, which are slotted on 2" centers to receive adjustable shelves. The inner edges of the halfback are offset to form rigid 3/4" vertical rib at point of inner back assembly. Half back panels have additional holes for attachments to bottom, top, and sides.

Top Channel - Shall be of not less than 18 gauges steel flanged and punched both ends for bolting to sides. The lower flange of top channel shall be flanged down approximately 1/2" to form full width doorstop. The top channel is further reinforced by means of tack welding vertical end flanges to horizontal flanges. The top flange of channel is punched for bolting to top. The lower flange of channel is notched for receiving the lock bar.

Bottom Channel - Shall be of not less than 18-gauge steel flanged and punched both ends for bolting to sides. The upper edge of the channel is flanged 7/8" and notched to receive locking bar and then flanged up approximately 3/4" to form full width doorstop and punched for bolting to bottom. The bottom flange of channel is formed up approximately 3/8" for further rigidity. The bottom channel is further reinforced by means of tack welding vertical end flanges to horizontal flanges.

Bottom - Shall be not of less than 22-gauge steel flanged down approximately 9/16" on sides and back. The back flange shall be punched for bolting back of cabinet. The side flanges of bottom are held captive by the bottom reinforcement clip attached to side. The front and bottom is flanged down 3/4" and punched for bolting for bolting to bottom channel.

DOOR ASSEMBLIES

Left Hand Door - Shall be not less than 20-gauge steel flanged 3/4" top and bottom. The left hand edge of the left door shall be broken double to form rigid vertical channel shape for attachment of hinges. The right hand edge of left door shall be flanged in approximately 25/32" and shall be slotted to receive finger of locking disc. The right hand edge of left door shall have an additional flange to form a continuous vertical stop for right door. The door shall be reinforced with a vertical full height hat section of not less than 24-gauge steel securely spot welded to inside surfaces of door. The door shall be further reinforced by mean so tack welding return flanges at all four corners.

Right Hand Door - Shall be not less than 20-gauge steel flanged 3/4" top and bottom. Top and bottom flanges shall be slotted to allow locking bar to pass through. The right and left hand edges of door shall be broken double to form rigid vertical channel shape; the right side being punched for hinge attachment, and the left side being slotted to allow finger of locking disc to pass through, The door shall be reinforced with a vertical full height hat section of not less than 24-gauge steel securely spot welded to inside surfaces of door. The door shall be further reinforced by mean so tack welding return flanges at all four corners.

Hinges - Shall be not less than 2" high, 16-gauge steel and 5 knuckles. Hinge pin to be spun flush both ends to prevent removal. Hinge to be set in slot in front mullion of side and spot-welded to 16-gauge mullion reinforcement. Each door shall be equipped with 3 hinges. Each hinge shall be attached to door with one 1/4-20 bolt, hex nut, and 1/4" split lockwasher.

Locking Mechanism - The right hand door shall be equipped with a 3-point locking mechanism that engages slots provided in top and bottom cross channels and in left hand door. The locking mechanism consists of the following parts:

Locking Bars - Shall be of not less than 18-gauge steel, channel shaped, operating within 18 gauge steel lock bar guides spot welded to top and bottom edge of door, and riveted to locking disc at center of door.

Locking Disc - Shall be of not less than 14-gauge steel, punched for attachment of flocking bars and operating handle and flanged approximately 3/8" for lock strike. Locking disc to have extended hooked fingers which engage left hand door when locking disc is in locked position.

Operating Handle - The right hand door only shall be equipped with a die cast, chrome plated and polished turn handle, which attaches to and operates the locking disc.

Lock - The right hand door shall also be equipped with a cylinder type lock that engages the strike flanges on the locking disk.