

Mason Company In-Depth Product Specifications

Dividers & Back Panels

STAINLESS STEEL GRID PANELS

Perimeter frame and internal bracing shall consist of 1" x 18-gauge (.049" wall) square 304 A-554 welded stainless-steel tubing with 180 grit polish. Each corner of the frame shall be TIG welded.

Wire grids shall be constructed of 304 stainless steel wire 3/16" in diameter in the vertical direction with 1 5/8" spacing between wires, and 304 stainless steel wire 3/16" in diameter in the horizontal direction with 6" or less spacing between wires. Horizontal and vertical wires shall be resistance welded at each juncture.

ALUMINUM FRAMED ISOLATION PANELS

Panels shall be constructed of an outer framework of 6063-T52 aluminum U-channel 3/4" x 3/4" x 1/8" thick. Internal braces shall be 6061-T6 aluminum H-channels 1-1/2" x 3/4" x 1/8" thick.

Lower 4ft. portion of isolation panel shall be one of the following materials. Specify option below.

- .030" FRP bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.
- High pressure Wilsonart® laminate bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.
- 24 gauge (.024") 304 stainless steel sheets, bonded on each side of a .400" HDPP substrate. Isolation to be perimeter sealed to the aluminum framework.

Upper 2ft. portion shall be one of the following materials:

- 1" grid polyethylene structural foam 7/16" thick.
- .030" FRP bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.
- High pressure Wilsonart® laminate bonded on each side of a .400" HDPP substrate. Isolation to be perimeter sealed to the aluminum framework.
- 24 gauge (.024") 304 stainless steel sheets, bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.
- Stainless steel welded wire. Wire panels shall be welded at each juncture and shall consist of 3/16" diameter vertical wires with 1 1/2" spacing between wires and 3/16" diameter horizontal wires with 4 1/4" spacing between wires. Wire panels shall be contained by means of a semi-rigid PVC extrusion inset into the aluminum framework.
- Glass panels shall be 1/4" tempered glass held in place by a semi-rigid PVC extrusion inset into the aluminum framework.

SANI-SLOPE™ ALUMINUM SLOPED FLOOR MOUNTING SYSTEM AVAILABLE ON ALUMINUM FRAMED ISOLATION PANELS

Patented T-flange shall be made of solid extruded 6061-T6 aluminum. T-flange shall be 2-1/2" wide at its base and shall extend upward to a height of at least 3".

Patented isolation panel bottom rail extrusion shall be made of solid 6061-T6 extruded aluminum and shall be dimensioned to fit over the T-flange so that the isolation panel can be leveled and secured. T-flange shall be sealed to the floor with provided silicone sealant.

SILVIS SEAL™ (AVAILABLE ON ALUMINUM FRAMED FRP ISOLATION PANELS)

Patented Silvis Seal™ shall be a co-extrusion consisting of a rigid vinyl base and two flexible polyvinyl chloride (PVC) sealing ribs. Adhered to the top of the co-extrusion shall be two strips of 3M VHB double-sided tape. Each seal shall have an additional end blocker consisting of a strip of closed cell neoprene foam with 3M VHB double-sided tape on one side.

CHAIN LINK DIVIDERS AND BACK PANELS FRAMEWORK

Shall be made from ASTM A500 structural grade steel tubing, 1.029" pipe size O.D. 0.94 pounds per foot weight (± 5%), 50,000 p.s.i. minimum yield strength. Lightweight tubing or galvanized schedule 40 pipe not

permitted. The exterior surface shall be in line, hot-dip galvanized in molten zinc (zinc conforming to ASTM B-6) to a nominal weight of 0.8 ounces per square foot of surface as measured by the methods of ASTM A90. Additionally, the tubing shall be coated with a chromate rust inhibitor and a clear polymeric topcoat. The interior tubing surface shall be completely and evenly coated with a full zinc-based galvanizing compound to ensure maximum corrosion-resistant integrity. The resulting product will exhibit corrosion resistance at least 3 times (300%) greater than galvanized schedule 40 pipe (ASTM A-53-8) when tested in accordance with ASTM B117 standards.

All corners on the frames shall be precision welded, ground, cleaned and given two zinc-rich coatings containing at least 95% pure zinc when dried and a single topcoat of silver Rustoleum®. Panels installed on graded floors shall be manufactured to follow the slope. Ex: if taper in floor is 1-1/2" over 6' span, slope equals 1/4" per lineal foot of panel.

FABRIC & MESH

Fabric shall be woven from smooth-seal galvanized zinc wire, either #9 or #11 gauge. The zinc coating shall be a minimum of 1.2 ounces of pure zinc per square foot of wire surface in accordance with ASTM A-641-91. All fabric shall be manufactured undersized by 1/4" to be fitted in the tubular frame.

Fabric shall be stretched taut to the inside of the centerline of the frame under tension and shall be laced with #13-gauge wire at each intersection to the frame so that it remains tight. There shall be tie wires secured to all vertical braces.

There shall be a uniform diamond square mesh of 1-1/2" or 2" between the parallel sides after weaving. All fabric ends shall be knuckled for safety.

ISOLATION PANELS

Upper chain link and bottom solid portions shall be separated by a horizontal brace made from (1.029" or .815") O.D. tubing.

Bottom portion of isolation panel shall be 48" high, shall be installed with 3/4" wide keyhole clamps spaced on 8" center and shall be the following material.

- Stainless steel sheets of #24 gauge (18-8 type 304-2B) shall be installed with #22-gauge stainless steel keyhole clips and spot-welded.

Isolation channel shall be extruded 6063-T5 aluminum. Two panel hangers shall be provided for channels up to 10' long. Three panel hangers are used for panels over 10' long. Channels shall be secured and sealed to the floor with provided silicone sealant.

Gates And Stall Fronts

STAINLESS STEEL GATES AND STALL FRONTS

Gate and stall front frames shall consist of 1" x 18-gauge (.049" wall) square 304 A-554 welded stainless-steel tubing with 180 grit polish. Each corner of the frame shall be TIG welded.

Gate grids shall be constructed of 304 stainless steel wire 3/16" in diameter in the vertical direction with 15/16" spacing between wires, and 304 stainless steel wire 3/16" in diameter in the horizontal direction with 3-5/8" or less spacing between wires.

Horizontal and vertical wires shall be resistance welded at each juncture and each wire shall insert into the framework.

Gate Hinges shall consist of two 3/8" diameter stainless steel hex head screws which shall be threaded into HDPE tapped plugs inserted into the top and bottom of the door frame. Each plug shall contain a nylon pivot bushing for smooth precision rotation.

Patented stainless steel two-way latch shall open both outward and inward. The latch shall secure automatically when gate is closed from the outward position and from the inward position it shall be able to latch and open from the inside of kennel. It shall be designed to accept a padlock. The two-way latch bar, the latch catch, and the swing pendant shall be made from 304 stainless steel.

Solid internal panels (as required) shall be 1/4" tempered glass or 030" FRP bonded to exterior and 24 gauge (.024") 304 stainless steel sheets, bonded to interior sides of .400" HDPP fluted core. Panels will be framed in an outer framework of 6063-T52 aluminum U-channel 3/4" x 3/4" x 1/8" thick. Panels shall be secured to the frame by means of stainless-steel fasteners.

TEMPERED GLASS GATE

Outer framework and latch consist of same as Stainless Steel Gate Unit. Glass panels shall be 1/4" tempered glass held in place by a semi-rigid PVC extrusion inset into the aluminum framework of 6063-T52 aluminum U-channel 3/4" x 3/4" x 1/8" thick. Panels shall be secured to the frame by means of stainless-steel fasteners.

STAINLESS STEEL SLIDE GATES

Gate and stall front frames shall consist of 1" x 18 gauge (.049" wall) square 304A-554 welded stainless-steel tubing with 180 grit polish. Each corner of the frame shall be TIG welded.

Gate grids shall be constructed of 304 stainless steel wire 3/16" in diameter in the vertical direction with 15/16" spacing between wires, and 304 stainless steel wire 3/16" in diameter in the horizontal direction with 3-5/8" or less spacing between wires. Horizontal and vertical wires shall be resistance welded at each juncture and each wire shall insert into the framework.

Gate hanger brackets shall be 14 gauge (.075" thick) 304 stainless steel. It shall have a 3/8" dia. 304 stainless steel clevis pin TIG welded to one end. Each hanger bracket shall have a 1 1/8" diameter double shielded ball bearing roller for low friction operation.

The gate assembly shall be suspended from a 14-gauge (.075" thick) 304 stainless steel track and shall be constrained at the bottom by a 16-gauge (.060" thick) 304 stainless steel channel and a 1" x 18-gauge (.049" wall) square 304 A-554 welded stainless-steel tube.

Stainless steel latch shall secure automatically when gate is closed, and it shall be able to latch and open from the outside and inside of kennel. It shall be designed to accept a padlock. The latch plate, the latch retainer, and the slide pendant shall be made from 304 stainless steel.

Solid internal panels (as required) shall be 1/4" tempered glass or 030" FRP bonded to exterior and 24 gauge (.024") 304 stainless steel sheets, bonded to interior sides of .400" HDPP fluted core. Panels will be framed in an outer framework of 6063-T52 aluminum U-channel 3/4" x 3/4" x 1/8" thick. Panels shall be secured to the frame by means of stainless-steel fasteners.

CHAIN LINK GATES AND STALL FRONTS

Mesh shall be uniform 1-1/2" or 2" diamond squares in #9 or #11 gauge smooth-Seal wire (refer to chain link product line specifications).

Gate hinges shall be made from malleable cast iron in accordance with ASTM A-47-77 Class 32510. Each clamp shall have two halves joined by 5/16" x 1-3/4" hot-dipped galvanized carriage bolt and nut. Hinges are factory installed and can be field adjusted if necessary.

Top Covers

STAINLESS STEEL TOP COVERS

Perimeter frame and internal bracing shall consist of 1" x 18-gauge (.049" wall) square 304 A-554 welded stainless-steel tubing with 180 grit polish. Each corner of the frame shall be TIG welded.

Wire grids shall be constructed of 304 stainless steel wire 1/8" in diameter in both directions with 3" spacing between wire centerlines. All wires shall be resistance welded at each juncture. Wire grid shall be TIG welded securely to the square tubing framework.

CHAIN LINK TOP COVERS

Please refer to the specifications listed in the Chain Link Product Line Framework and Fabric & Mesh sections.

BLACK MESH

2" x 2" square opening polypropylene mesh. Mesh shall be held in place using plastic cable ties.

K-9 Cabin™ Double Stacked Systems

First floor back-to back runs consists of Mason FRP Sani-Kennels (see specifications) that can be furnished in widths of 24" to 48" in one-inch

increments, and depths of 36", 42" or 48". Center trench drain (manufactured by others) is covered by Mason Aluminum Gutter Covers (see specifications). Upper-level kennels must be the same width and depth as the lower-level runs. Upper-level floors will be 3/4" thick expanded PVC Sheet.

Single Row systems, designed for use in rooms that are too narrow to accommodate first floor back-to-back runs, contain a single row of first floor runs topped by one row of upper-level runs. Single Row can be positioned either as free-standing or against a building wall.

Kennel gates on both levels are Mason stainless steel swing gates.

Ultrabase™ Above Floor System

Base unit shall be constructed of molded, solid surface Lite-Gran® fiberglass-reinforced plastic with a 1/2" thick honeycomb core in the main floor area. The base unit shall contain a 2" PVC drain with removable snap-in hair guard. 3/4" plywood pads covered by fiberglass-reinforced plastic shall be molded into each corner of the underside of the base unit. Units are available in 3' or 4' widths and 4', 5', 6', 7', or 8' depths.

UltraBase™ legs shall be ASTM A500 structural steel tubing, threaded at one end and having a threaded insert at the opposite end. Four stainless steel bolts with lock nuts and adjustable floor pads shall be provided for insertion into each threaded insert to provide a means for leveling the base units.

Optional resting bench shall consist of the following:

- Bench surface shall be constructed of .030" FRP bonded on each side of a .400" HDPP fluted core. The outer framework of the bench shall consist of 6063-T6 aluminum extrusions. All intersections are to be secured with aluminum angles and stainless-steel flat head screws. The vertical front debris guard shall consist of 1' grid polyethylene structural foam 7/16" thick and run the width of the bench. The debris guard shall be connected to the bottom of the bench with stainless steel bolts and nuts. Bench shall be designed to pivot up and remain in the upright position until it is manually released and lowered. Bench shall be provided with all necessary hardware for installation.

Modular 2-Story Double-Deck™ KENNELS SYSTEM

Mason's patented Modular 2-Story Double Deck™ Kennels (#6,021,739 & #6,568,350) are available in a variety of lengths and widths. First floor back-to back runs are Mason FRP Sani-Kennels (see specifications – FRP only on Double Decks) that can be furnished in widths of 3' or 4'. Combinations of these widths can be specified within a Double-Deck™ module. Weight assisted Transfer Doors (see specifications) are furnished on most first floor runs to provide dog access between the back-to-back runs. Center trench drain (manufactured by others) is covered by Mason aluminum-frame swing up rest benches (see specifications). Upper-level kennels consist of two rows of Mason UltraBases™ (see specifications) in widths of 3' or 4'. The upper-level runs face a 4' wide molded fiberglass center aisle with built-in drains that connect by means of PVC piping to the first-floor trench drain.

Single row Double-Deck™ systems, designed for use in rooms that are too narrow to accommodate first floor back-to-back runs, contain a single row of first floor runs topped by one row of upper-level runs and a molded fiberglass aisle. Single row Double-Deck™ systems can be positioned either as free-standing or against a building wall.

Kennel gates on both levels are Mason tempered glass gates, stainless steel swing gates, or chain link swing gates (see specifications).

Double-Deck™ structural support package includes all required posts, hardware, walkways, drains, and piping.

Stairway(s) are not included in Mason's quotation and should be obtained locally. Mason personnel will coordinate the dimensioning and installation of the stairway(s) with the local supplier.

Room Divider System

System to be comprised of up to 3 panels. Panels shall be connected by hinges to allow the system to be folded for storage and expanded

to various configurations. System shall be supplied with necessary hardware to allow the ends of the system to be secured to nearby walls. The panels shall be movable by means of swivel casters 3" in dia. Panels can be built with stainless-steel pass-through gates.

Perimeter frame, caster mounting, and internal bracing shall consist of 1" x 18-gauge (.049" wall) square 304 A-554 welded stainless-steel tubing with 180 grit polish. Each corner of the frame shall be TIG welded.

Solid internal panels (as required) shall be one of the following materials.

- .030" FRP bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.
- High pressure Wilsonart® laminate bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.
- 24 gauge (.024") 304 stainless steel sheets bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.

Panels shall be secured to the frame by means of stainless-steel fasteners and aluminum connector brackets.

Wire grids shall be constructed of 304 stainless steel wire 3/16" in diameter in the vertical direction with 1 5/8" spacing between wires, and 304 stainless steel wire 3/16" in diameter in the horizontal direction with 6" or less spacing between wires. Horizontal and vertical wires shall be resistance welded at each juncture.

Luxury Walk-In Dog Suites

Each Suite shall be constructed of division walls constructed of an inner core of expanded polystyrene (EPS) with one of the following materials bonded to the sides:

- FRP sheets .090" thick
- Wilsonart® sheets .090" thick

Each panel to be framed with clear anodized aluminum extrusions 0.120" thick and secured with #10-32 x 5/8" TEK stainless steel screws. Extrusions may be anchored to the wall and floor with #12 x 2" Hex head stainless steel screws or 1/4" x 1-3/4" Tapcons (Not Supplied).

Doors and front panels shall be framed with clear anodized aluminum extrusions 0.120" thick. Infill portion shall be one of the following materials.

- .030" FRP bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.
- High pressure Wilsonart® laminate bonded on each side of a .400" HDPP substrate. Isolation to be perimeter sealed to the aluminum framework.
- Glass panels shall be 1/4" tempered glass held in place by a semi-rigid PVC extrusion inset into the aluminum framework.

Fiberglass Quiet Cottages™ WITH DRAINS

Fiberglass enclosure shall be constructed of molded polyester fiberglass with solid surface composite 1/8" thick. Units shall have a 1/4" high retention lip across the front edge of the floor area. Interior raised floor shall consist of 1" grid polyethylene structural foam 7/16" thick. Each individual unit shall contain a 2" PVC drain with removable snap-in hair guard, unless specifically ordered without drains.

Door shall be constructed of 304 stainless steel wire. Perimeter and vertical wires to be 5/16" diameter with 10-7/16" spacing between wires. Horizontal wire to be 3/16" diameter with 1" spacing between wires. All wires shall be welded at each juncture. The latch shall secure automatically when gate is closed and shall be designed to accept a padlock. Door latch components to be 14 gauge (.075") stainless steel and shall secure the door at two points. Door latch shall be on right side. It shall be designed to accept a padlock.

Support legs shall be 2" x 2" x 1/8" 6063-T5 aluminum angle. A threaded tinnerman and a stainless-steel bolt shall be provided at each bottom corner to provide a means for leveling the unit.

Optional side and front trim panels shall be constructed of an outer framework of 6063-T52 aluminum U-channel 3/4" x 3/4" x 1/8" thick. Internal braces shall be 6061-T6 aluminum H-channels 1-1/2" x 3/4" x 1/8" thick. Infill panel shall be .030" FRP bonded on each side of a .400"

HDPP fluted core (specify height). Isolation to be perimeter sealed to the aluminum framework (specify height).

WITHOUT DRAINS

Fiberglass enclosure shall be constructed of molded polyester fiberglass with solid surface composite 1/8" thick. Units shall have a 1/4" high retention lip across the front edge of the floor area. Each unit shall have a 1/4" polypropylene top panel.

Door shall be constructed of 304 stainless steel wire. Perimeter and vertical wires to be 5/16" diameter with between 6-7/16" and 10-7/16" spacing between wires. Horizontal wire to be 3/16" diameter with 1" spacing between wires. All wires shall be welded at each juncture. The latch shall secure automatically when gate is closed and shall be designed to accept a padlock. Door latch components to be 14 gauge (.075") stainless steel and shall secure the door at two points. Door latch shall be on right side. It shall be designed to accept a padlock.

Unit support frame shall consist of 1" x 18 gauge (.049" wall) square 304A-554 welded stainless-steel tubing with 180 grit polish. Each corner of the frame shall be TIG welded. Each frame will have 1/2-13 internal threaded nuts as required.

Casters shall be 4" x 15/16" polyolefin threaded stem swivel type.

Optional side trim panels shall be constructed of an outer framework of 6063-T52 aluminum U-channel 3/4" x 3/4" x 1/8" thick. Internal braces shall be 6061-T6 aluminum H-channels 1-1/2" x 3/4" x 1/8" thick. Infill panel shall be .030" FRP bonded on each side of a .400" HDPP fluted core. Isolation to be perimeter sealed to the aluminum framework.

ISO-Care™ Isolation Unit

Fiberglass enclosure shall be made of fiberglass-reinforced plastic construction consisting of 1-1/2 oz. glass mat, isophthalic resin with UV inhibitor, and 6-8 mil gel coat finish on entire interior surface and the front exterior surface. Interior raised floor shall be plastisol-coated expanded metal. Door shall be of tempered glass with aluminum frame. Door latch shall be on right side (facing unit). Support legs shall be 2" x 2" x 1/8" 6063-T5 aluminum angle.

Optional side and front trim panels shall be constructed of an outer framework of 6063-T52 aluminum U-channel 3/4" x 3/4" x 1/8" thick. Internal braces shall be 6061-T6 aluminum H-channels 1-1/2" x 3/4" x 1/8" thick. Infill panel shall be .030" FRP bonded on each side of a .400" HDPP fluted core (specify height). Isolation to be perimeter sealed to the aluminum framework (specify height).

Transfer Doors

Vertical sliding doors shall be one of the following materials (specify, #1, #2, #3):

- 1/4" thick, low-stress translucent polypropylene.
- 1/4" thick Polymetal.
- 0.100" thick Aluminum.
- Insulated Fiberglass

Channels shall be solid extruded aluminum 6063-T6. Doors are raised or lowered by pulling or releasing a 3/32" stainless steel wire cable that is secured to the top of the door. Transfer doors come equipped with cable, "S" hooks or Dog-Bone counterweight, pulleys, screw-eyes, and all necessary hardware for easy installation.

Transfer doors are available in three standard sizes: Regular – for openings up to 29" high by 12" wide. Large – for openings up to 29" high x 17" wide. Extra large – for openings up to 34" high x 17" wide. Optional cable guards shall be made of 0.100" aluminum sheet and shall be fastened to the channels with stainless steel screws.

INSULATED TRANSFER DOOR

Vertical sliding doors shall be 1/4" thick, molded polyester fiberglass. Insulated portion of the fiberglass is 1-1/4" thick filled with 1-1/8" thick foam core with an R value of 8.

Channels shall be solid extruded aluminum 6063-T6. Doors are raised or lowered by pulling or releasing a 3/32" stainless steel wire cable that is secured to the top of the door. Transfer Doors come equipped with cable, "S" hooks or weight assist bone shaped handle, pulleys, and all necessary hardware for easy installation.

Transfer doors are available in three standard sizes:

- Large – for openings up to 29" high x 17" wide.
- Extra-Large – for openings up to 34" high x 17" wide.

Optional cable guards shall be made of 0.100" aluminum sheet and shall be fastened to the channels with stainless steel screws.

Raintree™ Cat Condos

The rear panel, top panel, and the side panels are constructed of the following material:

- 3/4" fiber board that has a thermally fused melamine surface.

Doors, bottom panels, and shelves are constructed of one of the following materials:

- 3/4" moisture resistant MDF

Each compartment floor shall have a 3/16" high plastic debris retention lip across the front edge. Windows in rear panels are 3/16" tempered glass.

- 3/16" tempered door glass will be offset from the door surface 1/8" for ventilation purposes.
- 3/16" dia. vertical wire with 6 1/16" spacing between wires and 1/8" horizontal wire with 15/16" spacing between wires. All wire panels shall be welded at each juncture and shall be powder coat painted.

Units are sealed with a thermoset urethane adhesive. Litter units shall have a hidden air chase to permit forced air ventilation.

Luxury Cat Condos

Each unit shall have three compartments with an individual door for each compartment. Each unit shall have a hidden air chase to permit forced air ventilation. The total floor and shelf surface area shall be 11 square feet or greater. Floors in each compartment shall have a 3/16" high plastic debris retention lip across the front edge. The rear panel, top panel, bottom, and side panels are constructed of 3/4" fiber board that has a thermally fused melamine surface. Doors and shelves are constructed of 3/4" PVC sheet that has a high-pressure laminate surface bonded to it. Windows in rear panels are 1/8" tempered glass. The main compartment shall have a glass rear window. The glass shall be 1/8" tempered glass. Pass through portals 8" in diameter shall be provided for internal access to each compartment and each portal shall have a 3/16" thick smoked Lexan portal swing door to allow compartments to be closed off as req.

Windows in doors shall be one of the following:

- 3/16" tempered door glass will be offset from the door surface 1/8" for ventilation purposes.
- 3/16" dia. vertical wire with 6-1/4" spacing between wires and 1/8" horizontal wire with 1-1/16" spacing between wires. All wire panels shall be welded at each juncture and shall be powder coat painted.

Units are sealed with a thermoset urethane adhesive.

Cat Towers

Each cat run shall be composed of FRP division panels (see specifications above). Gates may be stainless steel swing gates or tempered glass gates (see specifications above). Floors are to be 3/4" thick expanded PVC boards. Systems may be single row or back-to-back systems. Top covers shall have a perimeter frame and internal braces consisting of 1" x 18-gauge (.049" wall) square 304 A-554 welded stainless-steel tubing. Each corner shall be TIG welded. Wire grids shall be 304 stainless steel wire 3/16" with 15/16" x 3-5/8" grid spacing.

Custom Cat Runs

Each cat run shall be composed of FRP division panels (see specifications above). Gates may be any stainless-steel swing gates or tempered glass gates (see specifications above). Cat perches shall be constructed of .030" FRP bonded on each side of a .400" HDPP substrate. The outer framework of the bench shall consist of 6063-T6 aluminum extrusions. All intersections are to be secured with aluminum angles and stainless-steel flat head screws. Cat access ramps shall be

constructed of 1" grid polyethylene structural foam 7/16" thick with an outer framework of 6063-T6 aluminum extrusions. All intersections are to be secured with aluminum angles and stainless-steel flat head screws.

Accessories

DOG-BONE COUNTERWEIGHT

Outer shell shall be made of high-density polyethylene. Each counterweight shall have a threaded steel insert molded into the upper end to accommodate a supplied 3/8" galvanized steel eyebolt. Steel shot shall be securely contained inside the outer shell to reach the desired weight.

PICKWICK® DOG-OPERATED DOOR

Outside frame shall be 5/16" thick solid cast aluminum, swinging door shall be 1/4" thick clear polycarbonate sheet. Plated spring hinges are used on both doors. Shims and all mounting hardware not included.

ALUMINUM FRAMED FRP SWING-UP REST BENCH

Bench surface shall be constructed of .030" FRP bonded on each side of a .400" HDPP substrate. The outer framework of the bench shall consist of 6063-T6 aluminum extrusions. All intersections are to be secured with aluminum angles and stainless-steel flat head screws. The vertical front debris guard shall consist of 1" grid polyethylene structural foam 7/16" thick and run the width of the bench. The debris guard shall be connected to the bottom of the bench with stainless steel bolts and nuts. Bench shall be designed to pivot up and remain in the upright position until it is manually released and lowered. Bench shall be provided with all necessary hardware for installation.

ALUMINUM GUTTER COVERS

Gutter covers shall be constructed of 14-gauge (.064") aluminum sheet. Each cover shall have two rubber floor pads mounted to the return flange of the cover; hardware shall be stainless steel. Retainer pendants shall be constructed of 14 gauge (.075") stainless steel. Offset mounting brackets shall be 14 gauge (.075") hot dipped galvanized steel. Gutter covers shall be provided with all necessary hardware for installation.

STAINLESS STEEL BOWL INSERT

Insert shall be constructed of 1/4" diameter stainless steel wire. Inserts shall be secured in place with stainless steel screws. Bowl wires shall be MIG welded at all intersections. The bowl shall be retained in the insert by a swing down door that shall be made of 16 gauge (.060") stainless steel. The swing down door shall be held in the closed position by means of a stainless-steel swing pendant made of 12 gauge (.105") stainless steel. Pendant shall be mounted to the enclosure with a stainless-steel screw, Nyloc nut, and a nylon spacer.

ROTARY BOWL INSERT

Insert shall be constructed of 1/8" thick 3003 Aluminum with a 180-grit finish. Joints to be resistance welded at flange overlaps. Central pivot shall be stainless steel fasteners through bronze bushings. Insert shall be retained in the open or closed positions by one pendant made of 304 stainless steel with stainless steel fasteners. 1 qt. capacity stainless steel bowls shall sit in provided holes in the insert upper surface. Each insert shall be mounted to the gate/stall front by 304 stainless steel brackets with stainless steel fasteners.

PLASTISOL RAISED FLOORS

Flooring shall be plastisol-coated expanded metal or woven wire in custom-sized flat sheeting or with welded legs (up to 3" high). Coating material shall be 94 Durometer Shore A Plastisol with a uniform coating thickness of 1/8". Coating shall contain a fungicide bacteria growth inhibitor. Hole size after coating shall be:

Diamond pattern: 7/16" x 3/4"; 1/2" x 1"; or 3/4" x 1-1/2"

Woven wire oblong: 7/16" x 2"