
METAL TOILET PARTITIONS

1. GENERAL

1.1 Submittals

- .1 Shop Drawings: Clearly indicating compartment layouts and dimensions, materials being supplied, connections, attachments, reinforcing, anchorage, hardware and location of exposed fastenings.
- .2 Samples: Submit one sample of each of hinge, latch, shoe, panel fitting and other hardware items and fasteners, and one sample corner section 200 mm x 200 mm (8" x 8") showing corner, edge and core construction.

2. PRODUCTS

2.1 Materials

- .1 Type and Acceptable Manufacture: Overhead braced by Hadrian Manufacturing Inc., General Steel Systems, or Shanahan's.
- .2 Doors, Panels and Pilasters: 25 mm (1") thick doors and panels, 32 mm (1¼") thick pilasters, 0.8 mm (1/32") thick galvanized sheet steel pressure laminated to honeycomb kraft paper core.
 - .1 Prefinish work in baked enamel coating. Colour to match Dawn 970 by Shanahan's.
- .3 Pilaster Shoe: 0.8 mm (1/32") thick stainless steel, brushed finish.
- .4 Headrail: Extruded aluminium channel with clear anodized finish of anti-grip design.
- .5 Fasteners: One-way theft resistant screws of stainless steel or chrome plated brass/steel.
- .6 Levelling Mechanism: Threaded, adjustable, lockable bolts concealed by pilaster shoes.
- .7 Hinges: Concealed in door, bright polished, smooth, chrome plated non-ferrous metal, adjustable to hold door in any position when not latched.
- .8 Latch Set: Combination latch, door-stop, keeper and bumper, chrome plated non-ferrous metal, emergency access feature.
- .9 Wall and Connecting Brackets: Chrome plated non-ferrous metal or clear anodized aluminium.
- .10 Coat Hook: Combination hook and rubber door bumper, chrome plated non-ferrous metal.
- .11 Door Pull: Type suited for out swinging doors, chrome plated non-ferrous metal.

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- .12 Concealed Reinforcement: Sheet steel patch spot welded, minimum 2 mm (14 gauge) at points to be tapped for fixings, minimum 2.5 mm (12 gauge) at pilasters and for anchoring grab bars.
- .13 Non-Ferrous Metal for Hardware and Accessories: Zamac 5 or other acceptable zinc alloy.

2.2 Fabrication

- .1 Provide formed and closed edges for doors, panels and pilasters. Miter and weld corners and grind smooth.
- .2 Provide internal reinforcement at areas of attached hardware and fittings. Temporarily mark location of reinforcement for tissue holders and grab bars.
- .3 Provide concealed metal reinforcement for attachment of brackets, hardware and anchoring devices, and as required to produce adequate strength of assembly.
- .4 Provide cutouts and reinforcement to accept and support washroom accessories where required.

3. EXECUTION

3.1 Installation

- .1 Install work secure, plumb and square.
- .2 Leave 6 mm (1/4") space between wall and panel or end pilaster.
- .3 Anchor fixing brackets to masonry/concrete surfaces using screws and shields; to hollow walls using bolts and toggle type anchors; to steel supports with bolts in threaded holes.
- .4 Attach panel and pilaster to brackets with through type sleeve bolt and nut.
- .5 Equip each door with hinges, latch set, and each stall with coat hook mounted on door. Adjust and align hardware for easy, proper function.
- .6 Equip out swinging doors with door pulls on both sides of door.
- .7 Make good surfaces damaged during shipment or installation.

END OF SECTION

ACCESS FLOORING

1. GENERAL

1.1 System Description

- .1 Loading Requirements:
 - .1 Uniform Load: 12 kPa with maximum deflection of 2 mm and without damage. Ensure loads meet Part 4, Structural Requirements of the Building Code.
 - .2 Concentrated Load: CISCA A/F Section I; 5560 N on an area of 6.45 sq.cm. measured at panel weakest point with maximum 2.5 mm top surface deflection and maximum 0.25 mm top surface permanent deformation.
 - .3 Ultimate Load: CISCA A/F Section II; tested to failure, minimum two times concentrated load.
 - .4 Rolling Loads: CISCA A/F Section III; Fixed Paths A and B; 1000 lbs on Wheel 1 and 800 lbs on Wheel 2 with maximum permanent panel surface deformation of 0.5 mm and a combination of local and overall surface deformation not to exceed 1 mm.
 - .5 Pedestal Axial Load: CISCA A/F Section V; 22.24 kN.
 - .6 Pedestal Overturning Moment: CISCA A/F Section VI, 113 Nm.
 - .7 Impact Load: Supported to CISCA A/F Section I requirements; panels shall withstand an impact load of minimum 68 kg anywhere on the panel, dropped from a height of 900 mm onto 6.45 sq.cm. with a local indentation not to exceed 2 mm.
- .2 Combustibility: CAN/ULC-S102.2, flame spread not to exceed 25.
- .3 Allowable Floor Panel Tolerances:
 - .1 Flatness: Plus/minus 0.5 mm in any direction.
 - .2 Surface Dimension: ± 0.5 mm.
 - .3 Squareness: Difference of diagonal measurements of not more than 0.25 mm.
- .4 Make finished floor surface free of exposed metal edges, except as otherwise specified, and finished floor surface serves as an isolation pad for personnel safety.
- .5 Design access flooring system components so they can be easily removed and replaced or dismantled, rearranged, interchanged and for cable outlets, air outlets and other services.
- .6 Make complete access flooring system demountable by single person working with hand tools only, without cutting or damaging any part. Make bolts, screws and other fasteners are accessible from above.

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- .7 Make completed access flooring system sturdy, rigid, firm and free of vibration, rocking panels, rattles, squeaks and other noises.
- .8 Surface to Ground Resistance: Tested at 500 volts to Chapter 3 NFPA 99 modified for placement of electrodes with electrodes placed on top of panel and pedestal base.
 - .1 Bare Panel, Less Floor Covering: Maximum 10 ohms.
 - .2 Finished Panel, High Pressure Laminate Conductive Floor Covering: Minimum 25,000 ohms (2.5×10^4 ohms), maximum 1,000,000 ohms (1.0×10^6 ohms).
- .9 Steel Components: Hot dip galvanized or epoxy coated, zinc electroplated components not allowed.

1.2 Quality Assurance

- .1 Manufacturer: Having a minimum of five years experience in the manufacturing of the work of this Section of similar type and specified quality.
- .2 Installer: Trained and approved by the manufacturer and having a minimum three (3) years experience in the installation of the work described in this Section and can show evidence of satisfactory completion of projects of similar size, scope and type. If requested, provide letter of certification from manufacturer stating that installer is certified applicator of its products, and is familiar with proper procedures and installation requirements required by the manufacturer.
- .3 Pre-Installation Meeting: Two weeks prior to commencing work of this Section, arrange for manufacturer's technical representative to visit the site and review preparatory and installation procedures to be followed, conditions under which the work will be done, and inspect the surfaces to receive the work of this Section. Advise the Contract Administrator of the date and time of the meeting.
- .4 Manufacturer's Site Inspection: Have the manufacturer's technical representative inspect the Work at suitable intervals during application and at conclusion of the work of this Section, to ensure the Work is correctly installed. When requested, submit manufacturer's inspection reports and verification that the work of this Section is correctly installed.
- .5 Sample Installation: Provide a 3 m x 3 m (10' X 10') representative sample installation of work of this Section on site at location directed by Contract Administrator. Remove rejected sample installation and provide additional sample installation until acceptance is given. Do not commence work until sample installation has been accepted. Accepted sample installation shall become standard of work of this Section and may form part of the Work.

1.3 Submittals

- .1 Shop Drawings: Clearly indicating floor panel layout, component details, anchorage methods, edge details, handrails, fascia, and step details, and finishes.

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- .2 Certification: Before delivering any materials submit certification of specified design strengths and fire resistance. Prepare certification by a nationally known independent testing organization.
- .3 Maintenance Data: Submit maintenance data for maintenance of floor finishes of access flooring system, for incorporation into maintenance manual. Give warning of any maintenance materials or procedures which may damage access flooring. Provide detailed removal, replacement and adjustment instruction for access flooring components.
- .4 Tools: Provide two complete sets of special tools required for dismantling access flooring system. Each set includes one double cup lifter and any special keys or spanners required.

1.4 Delivery, Storage and Handling

- .1 Coordinate deliveries to comply with construction schedule and arrange ahead for strategic off-the-ground, under-cover storage at locations designated by Contract Administrator. Do not load any area beyond design limits.
- .2 Adequately protect components against damage, dirt, disfigurement and weather. Do not use damaged materials and replace with approved material at sole discretion of Contract Administrator.
- .3 Cover and protect work of other Sections in area of work from damage. Make good damage to satisfaction of Contract Administrator.
- .4 Protect work of this Section from damage of any kind. Protect other work from damage resulting from work of this Section. Replace damaged work which cannot be repaired, cleaned or restored.
- .5 Provide safe and adequate equipment on Site to execute the Work, safety protection equipment, tools, and other equipment required for completion of the Work.

1.5 Extra Stock

- .1 Panels: 1% of each type of panels.
- .2 Pedestals and Stringers: Of sufficient quantity to support quantity of extra panels specified herein.
- .3 Put foregoing in suitable cartons with appropriate content identification labels. Store at locations designated by the City.

ACCESS FLOORING

2. PRODUCTS

2.1 Materials

- .1 Access Floor Panel: 32 mm thick, lightweight high strength concrete core encased in welded epoxy coated steel pan to form 610 mm x 610 mm size panel, FS200 by ASM Modular Systems, or ConCore 1250 by Tate ASP Access Floors Inc.
- .2 Plastic Laminate Floor Covering: NEMA LD3, factory applied 1.6 mm thick conductive high pressure laminate, manufacturer's standard colour to be selected by Contract Administrator.
 - .1 Panel Edge: Integral with floor covering, separate edge trim pieces are acceptable.
- .3 Pedestals: Steel assembly with minimum 103 sq.cm. ribbed base plate; threaded supporting rod and vibration-proof locking device to permit only 38 mm adjustment; galvanized or plated finish. Pedestal head to be formed to accept panel bolt down stringer system.
- .4 Stringer: 610 mm grid module, removable sections, individual bolted connection to pedestals heads.
- .5 Stringer Gaskets and Adhesive: Extruded continuous conductive vinyl channel with aligning ridge and conductive adhesive.
- .6 Lateral Bracing: Hot dipped galvanized steel channels, sized to suit design loading specified, complete with brackets and fasteners.
- .7 Steps: Same basic materials, structural strength, and construction as floor panels. Cover open joints with flush stainless steel cover plates.
- .8 Fascia Panels: Closure panels to manufacturer's standard. Include corner pieces, trim, reinforcing and fixing angles required. Finish with anodized finish.
- .9 Railings: Post and rails of extruded aluminium assembled with jointed connections. Include cast metal end caps, floor sockets and collars, brackets and fittings, to complete work properly. Finish with anodized finish.
- .10 Cutouts: Factory cut floor panels for 100 mm x 150 mm service outlets. Provide reinforcement or additional support, if needed, to make panels with cutouts comply with specified performance requirements.
 - .1 Location: In center of panel quadrant. Do not locate cutouts closer than 150 mm from panel edges.
 - .2 Trim edge of cutouts with 9 mm thick extruded polyvinyl chloride or neoprene.
 - .3 Include cost of 15 cut-outs in the contract price.
- .11 Adhesives: Waterproof type as recommended by manufacturer of article to be bonded.

ACCESS FLOORING

3. EXECUTION

3.1 Examination

- .1 Prior to commencing work, examine substrates for suitability of receiving pedestals, and report in writing all unsatisfactory surfaces and conditions detrimental to proper installation of Work under this Section. Do not commence work until ridges and high spots have been removed, and low spots filled as required for satisfactory installation.
- .2 Clean structural slab thoroughly of dirt, dust, extraneous materials, foreign matter and contamination. Reapply surface sealer after any of above repairs have been made.
- .3 Site check squareness of area to receive work. If area is out of square, layout work in a way perimeter panels are cut to fit and follow configuration of abutting vertical surface.
- .4 Filling squareness differential with strips of access flooring material will not be accepted.
- .5 Level floor sufficiently so finished elevated floor is level within tolerance specified without exceeding adjustment capacity of pedestals.

3.2 Installation

- .1 Install floor system using laser method and in accordance with manufacturer's directions and reviewed shop drawings.
- .2 Level installed access flooring to within 2.54 mm of true level over entire access flooring area and within 1.6 mm in any 3 m distance.
- .3 Co-ordinate with Sections providing services below the access flooring.
- .4 Co-ordinate grounding requirements as necessary to meet performance requirements. Ground wire and connections by Division 16, Electrical.
- .5 Immediately prior to installation of access floor, vacuum floor substrate and keep substrate clean during installation.
- .6 Arrange pedestal assemblies to meet grid spacing required. Provide additional pedestal assemblies where grid pattern is disturbed by columns, walls, openings that impair floor load capacity.
- .7 Set pedestals to substrate in full bed of adhesive.
- .8 Arrange stringer symmetrically with all stringer lengths the same except at columns, perimeters and elsewhere where approved.
- .9 Erect grid system to provide 4 way support to pedestals and adjust to correct height. Interconnect pedestals with stringers or lateral bracing, free standing pedestal will not be accepted.

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- .10 Provide lateral bracing connecting pedestals to adjacent walls where understructure does not extend to walls.
- .11 Secure stringers to pedestals and install panels with hairline joints and matched corners. Fully support panels at all sides.
- .12 Provide additional pedestals to support stringers less than a module at perimeter and other obstructions. Connect pedestals with lateral bracing for a distance of three normally supported pedestals.
- .13 Provide additional supports at edges of irregularly shaped and cut panels.
- .14 Check panels for uniformity of bearing and test that each panel can be removed by means of suction cup grip.
- .15 Do fitting around corners, columns and other object penetrating the floor system.
- .16 Completely cover exposed particle board core of cut panels with galvanized sheet steel in same thickness as bottom pan to requirements of authorities having jurisdiction.
- .17 Reinforce openings where necessary with additional pedestals or lateral bracing to maintain floor loading capacity.

3.3 Installation - Steps and Railings

- .1 Install step tread panels similar to floor panels, securely fixed.
- .2 Provide steps complete with necessary edge trims, end closures and lateral bracing at step edges and other locations where pedestal is not braced 4 ways.
- .3 Install fascia panels at exposed sides and where indicated.
- .4 Secure panels at edge of access flooring system to continuous clip angles mechanically secured to structural floor and to edge of floor panels.
- .5 Install metal trim at intersection of fascia panels and access flooring system and at abutting walls and columns.
- .6 Extend railing posts through floor panels to structural floor below, set into and secure to structural floor.
- .7 Bolt posts in position where they penetrate floor panels with retaining collars.
- .8 Install railings to walls with flanged fittings bolted to walls.
- .9 Electrically insulate railings from, or directly grounded to, access flooring system.

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3.4 Cleaning and Protecting

- .1 Clean area under floor completely. Remove debris and vacuum clean entire underfloor walls, floor and supporting structure, removing dust.
- .2 Protect completed finished floor surface with polyethylene sheets or heavy duty kraft paper, taped and sealed at edges, or by other means acceptable to Contract Administrator.
- .3 Immediately before turning over to the City, remove and dispose protection and leave floor in a clean condition, free from defects.

3.5 Warranty

- .1 Warrant the Work of this Section against defects and deficiencies for a period of three (3) years commencing at Substantial Performance. Promptly make good defects and deficiencies which become apparent within warranty period at no cost to the City, at times convenient to Contract Administrator.

END OF SECTION

METAL LOCKERS

1. GENERAL

1.1 Submittals

- .1 Shop Drawings: Indicate the materials being supplied and all connections, attachments, reinforcing, anchorage and location of exposed fastenings.

2. PRODUCTS

2.1 Lockers

- .1 Fabricate work true to dimensions, square, plumb, level and free from distortion and defects detrimental to appearance and performance. Accurately fit members with hairline joints. Secure intersecting members with adequate fastenings.
- .2 Weld connections where possible; where not possible bolt connections or secure in an approved manner. Countersink exposed fastenings and cut off bolts flush with nuts, and make as inconspicuous as possible.
- .3 Locker Type: 380 mm x 450 mm x 1830 mm (15" x 18" x 6'-0") overall size, single tier.
- .4 Bodies: 0.6 mm (26 gauge) stretcher levelled cold rolled steel sheets, carefully formed and factory punched to provide necessary assembly holes. Bolts and nuts shall be complete with lock washers and nut cover, and cadmium plated. Welded construction will be accepted provided surfaces welded together are prime coated before assembly.
- .5 Panels, Trims and Sloping Tops: Same material, construction and finish as locker bodies.
- .6 Locker Frames: Formed channel section of 16 mm (16 gauge) thick stretcher levelled cold rolled steel, corners notched and neatly welded. Provide two rubber door silencers per door on lock side of frame, 40 mm (1 1/2") from top and bottom of door. Incorporate ventilation slots at top and bottom.
- .7 Doors and Frames:
 - .1 Doors: Minimum 1.0 mm (20 gauge) thick stretcher levelled cold rolled steel, fully enclosed panel and reinforced with internal 0.6 mm (26 gauge) thick stiffeners, running full length and width of door. Secure components by spot welding and/or special type fasteners to provide a rigid and whip free door.
 - .2 Door Frames: 1.6 mm (16 gauge) thick cold rolled steel of box channel shape.
 - .3 Hinges: Hang doors on two heavy duty tamperproof hinges welded to door and designed to allow full 180 deg. swing.
- .8 Latching: Heavy duty hasp and plunger arrangement, minimum 3.5 mm thick for padlocking and friction catch.
- .9 Handles: Fully recessed, chrome plated and fitted for padlock use. Padlocks will be supplied by the City. Provide stainless steel or chrome plated inserts for the recessed handle area. Door shall be held closed with friction catch.

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- .10 Number plates: Semi-recessed plates of anodized aluminium, numbered and lettered with die embossed numerals painted black as directed by the Contract Administrator.
- .11 Hooks: Equip each locker with three die-cast zinc wall hooks.
- .12 Finish: Remove grease and extraneous matter and then coat with iron phosphate and finish with minimum 1 mm thick DFT baked enamel finish.
 - .1 Colour: To match Dawn 970 by Shanahan's.

3. EXECUTION

3.1 Installation

- .1 Examine surfaces to receive the Work of this Section and proceed only if conditions are satisfactory.
- .2 Install work true to dimensions, square, plumb and level. Accurately secure joints and intersecting members with adequate fastening.
- .3 Provide maximum number of lockers to fill completely the spaces indicated or as called for on the Drawings.
- .4 Panel and Trims: Cover strips, trim, base, false fronts, sloping tops and panels to complete banks of lockers.

END OF SECTION

WASHROOM ACCESSORIES

1. GENERAL

1.1 Quality Assurance

- .1 Source Limitations: Provide like products of same manufacturer unless otherwise approved by Contractor Administrator.
- .2 Electrical Components, Devices, and Accessories: Listed and labelled by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

1.2 Submittals

- .1 Shop Drawings: Indicate materials, products and finishes and showing in large scale detail the construction, reinforcing, anchorage and, where permitted, the location of exposed fastenings.
- .2 Maintenance data: Three copies of a list of the accessories requiring supplies together with names and addresses of local distributors of the supplies.

1.3 Delivery, Storage, and Handling

- .1 Carefully wrap accessories ensuring protection during shipping and storage.
- .2 Store accessories inside the building in the location directed, and so that their identification is readily visible, and in the general order in which they will be required for installation.

1.4 Coordination

- .1 Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.
- .2 Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

1.5 Electrical Coordination

- .1 Electrical Requirements: Coordinate wiring requirements and power characteristics of work with building electrical system. Do wiring in strict conformity with requirements of the Electrical Code and Electrical Sections.
 - .1 Work by Electrical Sections: Supply and installation of disconnect switch/junction box and power to the disconnect switch/junction box.
- .2 Electrical Components, Devices, and Accessories: CSA Listed and labelled.

WASHROOM ACCESSORIES

2. PRODUCTS

2.1 Materials

- .1 Sheet Steel: Commercial quality to ASTM A653, galvanized.
- .2 Stainless Steel: ASTM A167, Type 304.
- .3 Fasteners: Vandal resistant, concealed screws and bolts hot dip galvanized, exposed fasteners to match face of unit. Expansion shields fibre, lead or rubber as recommended by accessory manufacturer for component and its intended use.
- .4 Supply for installation under other Sections, mounting devices and reinforcement required to be built-in for support of grab bars and imposed loads. Be responsible for giving proper notice to other Sections and supplying such reinforcement when required by other Sections for building in.

2.2 Fabrication

- .1 Fabricate accessories true, square, rigid, free from distortion and from defects detrimental to appearance and performance.
- .2 Butt visible joints straight and accurate. Mitre corner joints.
- .3 Except as otherwise specified, fabricate accessories for concealed mounting by non-corrosive metal, expansion type, toggle type or other approved type of positive, mechanical anchors to suit the construction to which the accessory is to be mounted.
- .4 Exposed fasteners, where permitted, shall be finished to match the adjacent accessory surface, and shall be countersunk. Where accessories are to be mounted to sheet metal, provide a 3 mm (1/8") thick minimum full-size metal back-up plate drilled and tapped to receive machine screws and finished to match the adjacent sheet metal surface.
- .5 Where specified as frameless, provide accessories in one piece fronts with 90 degree formed returns at their edges and openings. Continuously weld returns and ground smooth at the corners.
- .6 Where accessory fronts are framed, frame edges, both inside and outside, shall have 90 degree formed returns continuously welded and ground smooth at the corners. Doors shall also have 90 degree formed returns as specified.
- .7 Provide full length concealed stainless steel piano hinges. Hinged elements shall have concealed, mechanically-retained, rubber bumpers for silent closing, and shall close flush with faces of fronts or frames.
- .8 Unless otherwise specified, portions of sheet metal accessory interiors which are visible in the completed work shall be stainless steel. Form or continuously welded and ground smooth changes in plane.

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- .9 Hot dip galvanize sheet metal accessory parts concealed in the finished installation.
- .10 Hem edges of sheet metal accessible by users or maintenance personnel.
- .11 Accessories for flange-type mounting shall have forged brass, full flanges drilled and countersunk for three mounting fasteners. Fix flanges to tubes using solid silver soldering.
- .12 Back paint components where contact is made with building finishes to prevent electrolysis.
- .13 Shop assemble components and package complete with anchors and fittings.
- .14 Deliver inserts and rough-in frames to job site at appropriate time for building-in. Provide templates, details and instructions for building in anchors and inserts.
- .15 Provide steel anchor plates and components for installation on studding and building framing.
- .16 Engrave lettering on accessories to a depth of minimum 0.254 mm (0.010"). Size, location and type face of lettering to selection by Contractor Administrator. Maintain engraving edges straight and sharp.

2.3 Finishes

- .1 Where steel is specified as having a chrome plated finish, pretreat including mechanical removal of imperfections and buffing, degreasing, removal of degreaser, electrolytic cleaning, intermediate treatments of acid washes and cold water rinses in preparation for and to suit plating, nickel plating pretreatment, nickel plating, hard chromium plating with a final hot water rinse.
- .2 Finish stainless steel to a standard No. 4 mechanical finish. Where possible, arrange sheet stainless steel so that the grain of the finish runs vertically in the finished installation.
- .3 Manufacturer's or brand names on face of units not acceptable.

2.4 Accessories

- .1 Paper Towel Dispenser and Waste Receptacle (TD): Recessed mounted combination paper towel dispenser and waste receptacle, stainless steel welded construction, full length lockable door, removable leak-proof, rigid ,moulded plastic waste container, B-39003 by Bobrick.
- .2 Hand Dryer (HD): Surface mounted hand dryers, vandal resistant, chrome plated steel construction, B-748 by Bobrick.
- .3 Combination Napkin/Tampon Vendor (NTV): Recessed type, welded stainless steel construction, satin finish, with embossed International graphic symbols, double coin mechanism available for 50¢ operation, pull door with tumbler lock and full length piano hinge, single coin box keyed separately from door, B-3500 x 2 50 by Bobrick.

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- .4 Soap Dispenser (LSD): Surface mounted refillable soap dispenser, stainless steel, in one piece drawn seamless construction, lockable lid, B-4112 by Bobrick.
- .5 Coat Hook (CH): Single hook, surface mounted, type 304 stainless steel, satin finish with flange equipped with concealed min 1.6 mm (16 ga) mounting bracket which locks to conceal min 1.6 mm (16 ga) stainless steel wall mounting bracket welded to support arm, B-76717 by Bobrick.
- .6 Toilet Tissue Dispenser (TPD): Recessed multi-roll toilet paper dispenser, welded stainless steel construction, lockable cover, moulded plastic control delivery spindle, B-4388 by Bobrick.
- .7 Sanitary Napkin Disposal (NTW): Recessed, push door self closing type, welded stainless steel construction, satin finish, with embossed International graphic symbols; complete with leak proof plastic waste receptacle, B-35303 by Bobrick.
- .8 Grab Bars (GB1/GB2): 1.2 mm wall thickness stainless steel, peened grip, 40 mm dia., concealed fasteners, with wall escutcheons, non-rotating, installation to withstand downward pull of 2.2 N., sizes and shapes as detailed, B-6806-99 by Bobrick.
- .9 Shower Curtain Rod (SCR) and Shower Curtain Hook (SCH): 32 mm od stainless steel, satin finish, min 1.2 mm wall thickness, complete with stainless steel flanges and 12 stainless steel hooks per rod, B-6047/B204-3 by Bobrick.

3. EXECUTION

3.1 Installation

- .1 Install and secure accessories rigidly in place.
- .2 Hollow masonry units: Use toggle bolts drilled into cell/wall cavity.
- .3 Solid masonry or concrete: Use bolt with lead expansion sleeve set into drilled hole.
- .4 Fill units full with necessary supplies shortly before Substantial Performance.

END OF SECTION