

3. EXECUTION

A. PREPARATION:

- 1) MOISTURE CHECK: CHECK FOR EXCESS MOISTURE USING AN ELECTRONIC MOISTURE METER. DO NOT PAINT MATERIALS WITH EXCESS MOISTURE LEVELS WHICH WOULD IMPAIR THE BONDING OF FINISH COATINGS.
- 2) HARDWARE AND MISCELLANEOUS ITEMS:
  - A) CAREFULLY REMOVE ELECTRICAL OUTLET AND SWITCH PLATES, MECHANICAL DIFFUSERS, ESCUTCHEONS, SURFACE HARDWARE, FITTINGS AND FASTENINGS PRIOR TO STARTING WORK.
  - B) CAREFULLY STORE, CLEAN AND REPLACE THESE ITEMS UPON COMPLETION OF WORK IN EACH AREA.
  - C) DO NOT USE SOLVENT OR ABRASIVES TO CLEAN HARDWARE THAT WILL REMOVE THE PERMANENT LACQUER FINISH NORMALLY USED ON SOME OF THESE ITEMS.
  - D) PREPARE SURFACES BY REMOVING ALL DIRT, DUST, GREASE, OIL, MOISTURE, AND OTHER CONTAMINANTS WHICH WILL IMPAIR THE PROPER ADHESION OF THE FINISH.
  - E) MASK ADJACENT SURFACES.
  - F) FERROUS METAL SHOP PRIMED UNDER OTHER SECTIONS: SOLVENT CLEAN PREVIOUSLY PRIMED SURFACES TO REMOVE OIL AND GREASE. REMOVE LOOSE RUST, BLISTERED AND PEELING PAINT TO BARE METAL BY SCRAPING, SANDING, AND WIRE BRUSHING IN ACCORDANCE WITH SSPC-SP2 AND SSPC-SP3. IMMEDIATELY APPLY TOUCH UP PRIME DAMAGED OR ABRADED SURFACES. LIGHTLY SAND ALL SHOP PRIME PAINTED SURFACES TO RECEIVE PAINT FINISH.
  - G) GALVANIZED FERROUS METAL: SOLVENT CLEAN IN ACCORDANCE WITH SSPC-SP1.
  - H) UNPRIMED FERROUS METAL:
    - A) SOLVENT CLEAN IN ACCORDANCE WITH SSPC-SP-1.
    - B) COMMERCIAL BLAST PER SSPC-SP6.
  - I) WOOD AND OPAQUE PAINT FINISH: FILL ALL NAIL HOLES AND CRACKS. SAND FILLER SMOOTH AND LEVEL WITH WOOD SURFACE.
  - J) WOOD - TRANSPARENT FINISH: FILL ALL EXPOSED FINISH NAIL HOLES AND CRACKS WITH MATCHING COLOR FILLER AFTER PRIME COAT IS APPLIED. SAND FILLER SMOOTH AND LEVEL WITH ADJACENT SURFACES.
  - K) GYPSUM BOARD: REMOVE ALL LIGHT DUST AND DIRT.
  - L) UNLESS SPECIFIED OR INDICATED OTHERWISE, FOLLOW PAINT MANUFACTURER'S LABEL DIRECTIONS FOR GENERAL APPLICATION PROCEDURES AND COVERAGE RATES.
  - M) DO NOT APPLY FINISHES ON SURFACES THAT ARE NOT SUFFICIENTLY DRY. MAKE SURE EACH COAT OF FINISH IS DRY AND HARD BEFORE A FOLLOWING COAT IS APPLIED UNLESS THE MANUFACTURER'S DIRECTIONS STATE OTHERWISE.
  - N) TINT FILLER TO MATCH STAIN WHEN CLEAR FINISHES ARE SPECIFIED; WORK FILLER WELL INTO GRAIN AND, BEFORE IT HAS SET, WORKING PERPENDICULARLY TO THE GRAIN, WIPE THE EXCESS FROM THE SURFACE.
  - O) OPAQUE FINISHES:
    - A) APPLY NUMBER OF COATS SCHEDULED, EXCEPT THAT ADDITIONAL FINISH COATS SHALL BE APPLIED AS NECESSARY FOR COMPLETE HIDING OF SUBSTRATE COLORS.
    - B) APPLY PRIMER COATS UNTINTED, WHERE MORE THAN ONE COAT OF PAINT IS REQUIRED, TINT EACH SUCCEEDING COAT UP TO THE FINAL COAT SIMILAR IN TINT, BUT SLIGHTLY LIGHTER IN VALUE (SHADE).
    - C) SAND LIGHTLY BETWEEN COATS IF NECESSARY TO ACHIEVE REQUIRED FINISH. SAND BETWEEN ALL COATS APPLIED TO WOOD SUBSTRATES.
  - P) ROLLERS FOR APPLICATION AND BACKROLLING OF LATEX PAINTS SHALL HAVE A NAP OF 3/8 INCH OR LESS.
  - Q) WHERE ROLLER TEXTURE IS SCHEDULED FOR APPLICATION TO GYPSUM BOARD SURFACES, FINISH COATS MAY BE ROLLER-APPLIED, OR SPRAY APPLIED AND BACKROLLED AT CONTRACTOR'S OPTION.
  - R) FACTORY PRIMED SURFACES: APPLY SCHEDULED FINISH SYSTEM, LESS PRIMER COAT, EXCEPT AS NECESSARY TO FOR PATCHING DAMAGE TO FACTORY PRIME COATING.

B. INTERIOR SYSTEMS:

- 1) GYPSUM BOARD:
  - A) LATEX SYSTEM: 1 COAT PVA PRIMER, 2 COATS OF LATEX PAINT. INTERIOR GYPSUM BOARD SURFACES, UNLESS NOTED OTHERWISE.
  - B) WOOD - OPAQUE LATEX SYSTEM: LATEX PRIMER AND 2 COATS OF LATEX ENAMEL.
  - C) FERROUS METAL AND GALVANIZED - ACRYLIC SYSTEM:
    - A) SYSTEM, THREE COATS, FIRST COAT ACRYLIC DTM PRIMER, SECOND AND THIRD COATS LATEX FINISH. THE PRIMER MAY BE OMITTED AT FACTORY PRIMED SURFACES, EXCEPT AS NECESSARY TO RECOAT DAMAGED OR ABRADED PREPRIMED SURFACES.
    - B) SHEEN: SEMI-GLOSS, UNLESS INDICATED OTHERWISE.
    - C) APPLICATION: INTERIOR FERROUS METAL SURFACES INCLUDING HOLLOW STEEL METAL DOORS AND FRAMES, ACCESS DOORS AND PANELS, AND FIRE EXTINGUISHER CABINETS.
  - D) EXPOSED PLENUM SURFACES - OPAQUE LATEX SYSTEM:
    - A) SYSTEM, THREE COATS, FIRST COAT DRY-FALL PLENUM PAINT SELF-PRIMER, SECOND AND THIRD COATS DRY-FALL PLENUM PAINT.
    - B) APPLICATION: OVERHEADS, INCLUDING STRUCTURAL STEEL BEAMS AND DECKING, FIREPROOFING, PIPING AND CONDUITS, DUCTWORK, AND SUSPENSION DEVICES. (MASK AND PROTECT LABELS, LAMPS, FEATURE ELEMENTS, SPRINKLER HEADS, LOUVERS, AND SIMILAR ITEMS.)
    - C) APPLY NUMBER OF COATS SCHEDULED, EXCEPT THAT ADDITIONAL FINISH COATS SHALL BE APPLIED AS NECESSARY FOR COMPLETE HIDING OF STRUCTURAL STEEL BEAMS AND DECKING, FIREPROOFING, PIPING AND CONDUITS, DUCTWORK, AND SUSPENSION DEVICES.

C. COLOR SCHEDULE: PROVIDE PAINT COLORS TO MATCH THOSE INDICATED ON THE DRAWINGS. WHERE A PAINT COLOR IS LISTED FROM A SPECIFIC MANUFACTURER, PAINT PRODUCTS FROM OTHER APPROVED MANUFACTURERS MAY BE USED, PROVIDED THE COLOR EXACTLY MATCHES THE SPECIFIED COLOR AND THE PAINT SYSTEM MEETS THE SPECIFIED REQUIREMENTS. WHERE NO PAINT COLOR IS INDICATED, PROVIDE COLOR AND SHEEN AS SELECTED BY THE ARCHITECT.

D. CLEANUP

- 1) AS THE WORK PROCEEDS AND ON COMPLETION OF THE WORK, PROMPTLY REMOVE ALL PRIMERS, PAINTS AND FINISHES WHERE SPILLED, SPLASHED OR SPLATTERED IN A MANNER NOT TO DAMAGE THE SURFACE FROM WHICH IT IS REMOVED.
- 2) REMOVE MASKING.

099733 - CONCRETE SEALER

1. GENERAL

A. SECTION INCLUDES: SEALING OF CONCRETE FLOOR SLABS EXPOSED TO VIEW IN THE FINISHED WORK.

2. PRODUCTS

A. CONCRETE SEALER: AS SCHEDULED ON THE DRAWINGS.

3. EXECUTION

A. CLEAN SURFACES TO RECEIVE SEALER, USING MANUFACTURER'S RECOMMENDED CLEANING COMPOUNDS, AND IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.

B. MASK OR OTHERWISE PROTECT ADJACENT SURFACES.

C. APPLY CONCRETE FLOOR SEALER TO ALL INTERIOR CONCRETE FLOOR SLABS SCHEDULED TO REMAIN EXPOSED IN THE FINISHED WORK.

D. ROLLER OR SPRAY APPLY SEALER IN ACCORDANCE WITH THE MANUFACTURER'S APPLICATION INSTRUCTIONS. APPLY TWO COATS.

DIVISIONS 10 - SPECIALTIES

102813 - TOILET ACCESSORIES

1. GENERAL

A. SECTION INCLUDES:

- 1) TOILET ROOM AND HAND SINK ACCESSORIES.
- 2) INSTALLATION OF ACCESSORIES.

2. PRODUCTS

A. PROVIDE THE FOLLOWING ACCESSORIES AS MANUFACTURED BY BOBRICK WASHROOM EQUIPMENT COMPANY, UNLESS INDICATED OTHERWISE.

B. FINISHES SHALL BE SATIN CHROME STEEL, UNLESS INDICATED OTHERWISE.

C. ACCESSORIES - PUBLIC TOILET:

- 1) GRAB BARS (GB): B-6806 SERIES, SIZE AND CONFIGURATION AS INDICATED.
- 2) SANITARY NAPKIN DISPOSALS (SND): B-4353 (RECESSED SINGLE UNIT); AT WOMEN'S TOILET ROOM.
- 3) RECESSED TOILET PAPER DISPENSER (TPD): MULTI-ROLL B-4368.
- 4) SOAP DISPENSER (SD): KOHLER K-1893-C-BRZ.
- 5) SEAT COVER DISPENSER (SCD): B-4221.
- 6) ELECTRIC HAND DRYER:
  - A) NEWTON DISTRIBUTING COMPANY, NEWTON, MA (617 795-7330); XL -W HAND DRYER WITH 1.1" NOZZLE, WHITE FINISH; 120VAC, 12.5 AMP UNIT.
  - B) PROVIDE XLERATOR RECESS KIT #40602.

D. ACCESSORIES - HAND SINK:

- 1) SURFACE MOUNTED PAPER TOWEL DISPENSER (PTD): B-4262.
- 2) SOAP DISPENSER (SD): B-4112.

3. EXECUTION: INSTALL FIXTURES, ACCESSORIES AND ITEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, AND AS INDICATED ON THE DRAWINGS.

104416 - FIRE EXTINGUISHERS AND CABINETS

1. GENERAL

A. SECTION INCLUDES:

- 1) CODE REQUIRED FIRE EXTINGUISHERS.
- 2) FIRE EXTINGUISHER CABINETS.

2. PRODUCTS

A. EXTINGUISHERS: MULTI-PURPOSE DRY CHEMICAL TYPE (FE): HEAVY DUTY DOT STEEL TANK UL RATING 2A-10B-C, 5 LB CAPACITY, WITH PRESSURE GAGE, RED ENAMEL FINISH, METAL VALVES AND SIPHON TUBES.

B. CABINETS:

- 1) CABINETS SHALL BE RECESSED, EXCEPT PROVIDE SEMI-RECESSED WHERE REQUIRED TO ACCOMMODATE WALL DEPTH.
- 2) TRIM: FORMED SHEET STEEL, MINIMUM 20 GAGE, 1-1/4 TO 1-3/4 INCHES WIDE FACE.
- 3) DOOR: FORMED SHEET STEEL, MINIMUM 20 GAGE, REINFORCED FOR FLATNESS AND RIGIDITY; SATIN ZINC OR ALUMINUM PULL, ROLLER CATCH, AND CONTINUOUS HINGE, CLEAR GLASS VISION PANEL.
- 4) CABINET FINISHES:
  - A) CABINET TRIM AND DOOR: MANUFACTURER'S STANDARD PRIMED FINISH TO RECEIVE PAINT COATINGS AS SPECIFIED IN SECTION 099000.
  - B) CABINET INTERIOR: MANUFACTURER'S STANDARD WHITE EPOXY OR WHITE BAKED ENAMEL.

C. FIRE EXTINGUISHER BRACKETS:

- 1) WALL MOUNT TYPE, APPROPRIATE TO THE SIZE OF THE EXTINGUISHER, EQUIPPED WITH STRAP AND QUICK RELEASE CLIP, PROVIDE ONE PER CABINET; MOUNT EXTINGUISHERS TO BRACKETS.
- 2) PROVIDE AT FIRE EXTINGUISHER LOCATIONS WHERE NO CABINET IS INDICATED.

3. EXECUTION

A. INSTALL CABINETS PLUMB AND LEVEL IN WALL OPENINGS AND SECURED TO FRAMING IN LOCATIONS AS INDICATED AND AS REQUIRED BY THE FIRE DEPARTMENT. UNLESS OTHERWISE INDICATED, INSTALL 30 INCHES FROM FINISHED FLOOR TO INSIDE BOTTOM OF CABINET.

B. SECURE RIGIDLY IN PLACE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

C. WHEN RECESSED CABINETS ARE INSTALLED IN FIRE RATED WALLS, MAINTAIN FIRE RESISTANCE RATING CONTINUOUSLY BEHIND THE CABINET.

D. INSTALL FIRE EXTINGUISHER IN EACH FIRE EXTINGUISHER CABINET BY BRACKETS MOUNTED AT BACK OF CABINET.

E. WHERE FIRE EXTINGUISHERS ARE INDICATED FOR WALL MOUNTING, SECURE BRACKET TO WALL THROUGH FINISH TO FRAMING OR BLOCKING.

DIVISION 11 - EQUIPMENT

NOT USED

DIVISION 12 - FURNISHINGS

124813 - CARPET ENTRY MATS

1. GENERAL

A. SECTION INCLUDES:

- 1) CARPET ENTRY MATS.
- 2) PERIMETER ANGLE FRAME.

B. RELATED SECTIONS:

- 1) 035416 - HYDRAULIC CEMENTITIOUS UNDERLAYMENT: UNDERLAYMENT AND TAPERED FILL.

C. SUBMITTALS

- 1) MAKE SUBMITTALS IN ACCORDANCE WITH SECTION 010500.
- 2) SHOP DRAWINGS: INDICATE PERIMETER ANGLE FRAME SIZE AND LOCATIONS, MAT JOINT LOCATIONS, AND RELEVANT DETAILS OF ADJACENT CONSTRUCTION. INDICATE METHOD FOR FASTENING FRAME TO SUBSTRATE.

2. PRODUCTS

A. MATS AND ACCESSORIES

- A) AMERICAN FLOOR PRODUCTS COMPANY - VINA-COIR, MODEL CM-1701
- B) PAWLING RECESSED COCOA MATS, MODEL EM-3
- C) USCOA VINA-COIR

2) PERIMETER ANGLE FRAME: EXTRUDED ALUMINUM PERIMETER FRAME AS INDICATED ON THE DRAWINGS; CLEAR ANODIZED FINISH; PRE-DRILL FRAME TO RECEIVE ANCHORS FOR INSTALLATION; FRAME SECTION SHALL BE 1/2" IN LENGTHS.

3) MISCELLANEOUS ACCESSORIES: FURNISH FASTENERS, SLEEVE ANCHORS, AND OTHER MATERIALS AS NECESSARY FOR COMPLETE INSTALLATION.

3. EXECUTION

A. PREPARATION: VERIFY THAT SUBSTRATE IS PROPERLY LEVEL, CLEAN, AND READY FOR INSTALLATION OF ENTRY MAT FRAME.

B. INSTALLATION

- 1) MECHANICALLY FASTEN ENTRY MAT FRAME SECTIONS ACCURATELY INTO POSITIONS AS INDICATED. CORNER JOINTS SHALL BE MITERED AND TIGHTLY BUTTED. FOR EACH ANGLE FRAME SECTION, FASTENERS 2 INCHES FROM EACH END AND AT MAXIMUM 24 INCHES ON CENTER ALONG THE LENGTH.
- 2) COORDINATE INSTALLATION OF SLAB LEVELING MATERIAL WITHIN PERIMETER FRAME AREA AS NECESSARY TO ALIGN THE CRUSH LINE OF THE ENTRY MAT WITH MAT FRAME.
- 3) INSTALL CARPET ENTRY MATS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. PLACE CARPET ENTRY MAT TIGHT TO THE SUBSTRATE WITH A UNIFORM APPEARANCE FREE OF WRINKLES. TRIM AT PERIMETER EDGES FOR TIGHT BUTT FIT TO FRAME.

DIVISION 13 - SPECIAL CONSTRUCTION

NOT USED

DIVISION 14 - CONVEYING SYSTEMS

NOT USED

DIVISION 21 - FIRE SUPPRESSION

210033 - DESIGN-BUILD FIRE SUPPRESSION

1. FIRE PROTECTION SYSTEMS ARE DESIGN/BUILD, AND SHALL CONFORM TO THE REQUIREMENTS OF THE JURISDICTIONAL CODE AUTHORITIES, AND REQUIREMENTS OF THE LANDLORD.
2. PROVIDE RECESSED TYPE SPRINKLER HEADS IN ALL FINISHED CEILING AREAS, CHROME FINISH WITH WHITE TRIM. SPRINKLERS ABOVE THE SALES FLOOR AND IN ROOMS WITHOUT CEILINGS SHALL BE UPRIGHT TYPE, ROUGH BRASS FINISH.
3. FIRE PROTECTION SUBCONTRACTOR SHALL FURNISH STAMPED, SIGNED SHOP DRAWINGS OF THE SPRINKLER SYSTEM PREPARED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE WHERE THE PROJECT IS LOCATED.
4. SUBMIT APPROVED SHOP DRAWINGS FOR LOCAL BUILDING DEPARTMENT AND FIRE MARSHAL REVIEW AND APPROVAL, AS SUBMITTAL FOR PERMIT, AS REQUIRED.

DIVISION 22 - PLUMBING

SEE APPROPRIATE PLUMBING DRAWINGS FOR PLUMBING SPECIFICATIONS.

DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING

SEE APPROPRIATE MECHANICAL DRAWINGS FOR MECHANICAL SPECIFICATIONS.

DIVISION 26 - ELECTRICAL

SEE APPROPRIATE ELECTRICAL DRAWINGS FOR ELECTRICAL SPECIFICATIONS.

END

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ISSUED / REVISED	DATE
FEASIBILITY SET	08/10/17
PRELIMINARY SET	09/28/17
LL CD SET	11/30/17
PERMIT SET	12/18/17
BID SET	01/04/18

SPECIFICATIONS  
**A-906**