Section 08210 - WOOD DOORS

1. Summary:

A. Supply all wood doors where shown on the drawings and/or called for on the door schedule or specified herein as required for a complete and proper installation.

1. Doors shall be solid-core with rotary oak veneer, factory-finished.

2. Pre-machine for all hardware and cut-outs for vision panels.

3. Miscellaneous pitching required for a Dutch style door for the Med Room.

2. Related Work:

Section 06200 – Finished Carpentry
Section 08110 – Steel Doors & Frames
Section 08710 – Hardware
Section 08900 – Glass and Glazing

3. References:

ANSI Specification for Making Building Facilities Accessible for the HCP
ASTM E152 Method of Fire Test of Door Assemblies
NFPA 80 Fire Doors and Windows
AWI Quality Standards for the Architectural Flush Doors
All Applicable Federal, State and Municipal Codes, Laws and Regulations

4. Field Measure: Verify that the field measures are correct and shown on the shop drawings being submitted.

5. Warranty: Provide a 5-year warranty for all interior doors.

6. Manufacturers: Acceptable manufacturers are as follows:

A. Flush Solid-Core Rotary Oak Doors:

1. Mohawk
2. Algoma Hardwoods Inc.
3. Weyerhauser Co.
4. Eggers Industries, Architectural Door Division

B. Bonding: Stile and rail bondeed to the core.

C. Provide all cut-outs for windows, etc.

D. Provide UL labels for all fire-rated doors.

7. Installation:

A. Install all hardware.

B. Install doors to comply with the manufacturer's instructions.

C. Install all fire-rated doors to comply with NFPA 80.

D. Relocate doors & Hardware as shown.

Section 08710 – Finish Hardware:

1. Hardware shall conform to requirements of NFPA 80 for labeled fire doors to NFPA 101 for exit doors, as well as to other requirements specified. Labeling and listing by UL building materials directory, for class of door being used will be accepted as evidence of conformance to these requirements.

2. The keying shall match the existing building as to manufacturer, quality, function and owner's requirements.

3. Hinges

A. All hinges should be bearing

4. Stops: wall bumpers, floor stops and roller bumpers as manufactured by Glynn Johnson Ives and Rockwood

5. Silencers: Provide silencers on all metal and wood frames. Silencers shall be Ives 20/21, Glynn Johnson 64/65 or Rockwood 608/609.

HARDWARE SET: __ TYPICAL

1 1/2 PR offset hinges	SH
1 Lock Set	ALMC
1 Closer	DRMA
1 Wall Stop	RMC
1 Silencer	IVES
1 Set of gaskets on frame	

6. Renovated rooms only, replace hinges with offset hinges and add existing hardware which remains on doors.

Section 09250 – Gypsum Board

1. Furnish and install:

A. Rated and non-rated gypsum board system.

B. Interface with existing walls and partially demolished walls. Prepare existing walls as necessary to receive new work.

C. Cut and patch existing gypboard ceilings, soffits and walls. As well as new ceilings called for on Finish Schedule

D. Seal all penetrations, existing and for new work in all fire rated walls, ceilings in a manner that will not jeopardize their fire rating.

2. Beginning of installation means acceptance of existing substrate and site conditions.

3. Installation:

A. Install stud framing, engaging floor and ceiling runners, and spaced not more than 16" OC.

B. Securely anchor studs to jamb and head anchors of door and window frames. Head of frames and openings in partitions, install a horizontal section of runner with a web flange bend at each end, horizontally and secure to strut.

C. Furnish and install cross bracing and knee bracing to assure completely rigid assembly on metal stud partitions and furred area.

D. Review all existing partitions to receive new work or interface with new work. Prepare existing wall as necessary to receive work. All joints to be level and monolithic.

E. Install gypsum board partitions and ceilings with a maximum variation from true flatness of 1/8" per 10' non-cumulative.

F. Repair and/or extend any and all fire rated walls to maintain their fire rating.

SECTION 09300 – CERAMIC TILE

1. Provide and install work as shown in contract drawings and finsh schedule
   A. Glazed ceramic wall tiles shall be placed over cement board substrate or concrete floor cleaned and prepared
   B. Porcelain Ceramic Floor Tile
   C. Cove tile base and associated trim
   D. Sealant materials around all items which penetrate the tiled wall and floor surfaces and between tile and intersecting dissimilar surfaces and items
   E. Refer to drawings for any tile patterns. Accent tiles shall be selected from standard tile colors.
2. Preparation, Leveling, and Patching
   A. Protect surrounding work from damage or disfiguration.
   B. Ensure that all anchors, plugs, electrical and mechanical work to be in or underneath tile have been installed.
   C. Vacuum clean existing substrate surfaces.
   D. Seal concrete substrate cracks with filler, level concrete substrate to acceptable to acceptable flatness tolerances. Flash-patch where necessary to provide smooth, level surface for new finish materials
   E. Apply conditioner to surfaces as recommended by adhesive manufacturer.
   F. Provide sloped and level shower floor as shown on drawings.
   G. Install manufacturer recommended waterproof membrane on leveled concrete tub/shower floors and turn up 8 inches on walls, overhang 8 inches from shower entrance.
   H. Ceramic tile on wall shall be on Wonderboard. Extend full height.
   I. Remove any existing finish V.C.T. or Terrazzo
3. Manufacturers
   A. DalTile Corp – see A-6 finish schedule for types.
   B. Mapel Corp. or similar. Submit sample to Architect for color selection.
4. Installation, Cleaning, and Protection
   A. Cut and fit tile tight to penetrations through tile. Form corners & bases neatly. Align base and wall joints
   B. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make joints watertight, without voids, cracks, without excess mortar or grout.
   C. Apply sealant to junction of tile and dissimilar materials & at junction of dissimilar planes.
   D. Install wall and floor according to manufacturer's instructions in thin-set mortar bond coat using TCA Handbook number's F113 and W244. Install mortar bed to a nominal thickness of 3/32".
   E. Allow tile to set for a minimum of 48 hours prior to grouting.
   F. Grout according to manufacturer's instructions. Remove excess grout immediately after installation, wash and rinse grout film from all tile and other materials, surface, and/or equipement. Clean and polish surfaces.

Section 09510 – Acoustical Ceilings

1. Provide, install, repair and replace acoustical tile grids and ceilings where called for on the construction documents:
   A. Suspend ACT where shown on drawings: furnish and install fire-rated grid and ACT, and be approved under UL C204. & roof F225
   B. Any and all recessed lights shall be tented in accordance with the UL fire rating.
2. Comply with applicable requirements of the following standards:
   A. ASTM Reference Standards
   B. UL Fire Resistance Directly and Building Materials Directory
   C. All applicable federal, state and municipal codes
3. Ceiling Types and Manufacturer:
   A. New ceilings: fissured, Second Look, 24 x 24 scored 24 x 48 x 3/4", Armstrong fire rated.
   B. Match existing: replacement of ACT shall be of the same finish, color and type as the existing. It shall all be fire rated with a minimum of 3/4".
4. Metal Suspension System: exposed grid systems for ceiling tiles as selected shall be of a type that can be incorporated into UL C204 fire-rated roof ceiling assembly.
   A. Provide manufacturer's standard metal suspension system.
   B. Provide manufacturer's standard factory applied finish.
   C. Wires for hangers braces and ties, min. of 16 ga.
   D. Edge molding and trim: manufacturer's standard.
5. Inspect all surfaces and verify that they are in proper condition to receive the work of this section. Beginning installation means acceptance of site conditions.
6. Tolerances: Max. variation from flat and level surface: 1/8" in 10'. Max variation from plumb of grid members caused by eccentric loads: 2 degrees.

SECTION 09650 – RESILIENT FLOORING

1. Vinyl Composition Tile where shown on the drawings. . Refer to Finish Schedule for location and type.
2. All floor surfaces shall be flash-patched and prepared to provide a smooth uniform surface suitable to receive new finishes.
   A. VCT floor tiles shall be selected from standard tile colors.
   B. Vinyl accent strips as specified
   C. Vinyl transition strips wherever edges of vinyl composite flooring
3. Vinyl Composition Tile shall be standard 12" x 12" x 1/8". See finish schedule for manufacturer and colors. See drawings for layout of tile patterns.
4. Patterns shall be installed so that the grain runs in the same direction.
5. When VCT is completely dry, apply three coats of floor wax and buff thoroughly with mechanical buffers. Clean and wax according to manufacturer's specifications. Provide anti-static wax prior to occupancy.
6. Vinyl base by Johnsonite. 4" high cove. Color will be selected by architect
7. Where two different floor materials touch, provide transition strip as necessary. Where gap in height between floor materials occurs, provide ADA
8. Note: Where directed encapsulate existing floor or remove existing floor and prep sub floor to receive new floor material

2.01 MANUFACTURERS

A. Subject to compliance with the requirements specified herein, manufacturers offering products which may be incorporated in the work including the following:

1. Vinyl CompositionTile
   a. Mannington Commercial, Calhoun, GA
   b. Armstrong World Industries, Inc. Flooring Div., Lancaster, PA
   c. American Bilirite, Inc., Amtico Flooring Div., Lawrenceville, NJ
2. Vinyl Resilient Wall Base
   a. Johnsonite Inc., Chagrin Falls, OH
   b. American Bilirite, Inc., Amtico Flooring Div., Lawrenceville, NJ
   c. Armstrong World Industries, Inc., Flooring Division, Lancaster, PA
3. Vinyl Plank
   a. American Bilirite, Inc., Amtico Flooring Div., Lawrenceville, NJ
   b. Mannington Commercial, Calhoun, GA
   c. Armstrong World Industries, Inc., Flooring Division, Lancaster, PA

2.02 FLOORING MATERIAL

A. Vinyl Composition Tile Flooring:

1. The product shall be of through-pattern construction, and shall contain recycled vinyl content. The product shall have an overall thickness of .125 inches nominal, and be available in a 12 x 12 nominal size. The premium visual tile shall be manufactured in accordance with ASTM Specifications F-1066, Class 2 and shall be asbestos free. FS SS-T0312, Type IV. The product shall be equal to Premium Visual Tile Collections by Mannington. Patterns and colors shall be selected by the architect.

B. Resilient Wall Base:

1. Thermoplastic rubber formulation designed to meet performance and dimensional requirements of ASTM F-1861 Standard Specification for Resilient Wall Base, Type TP, and Group One, complying with FS SS-W-40, Type 2. Colors from manufacturers Selects Color Palette and profiles to be selected by the architect. Provide premolded end stops of same material, size and color as base. Mitre all external and internal corners from base material as indicated on manufacturers installation instructions, pre-molded corner pieces will not be acceptable.

C. Vinyl Plank Flooring:

A.1. The product shall consist of a tough, clear, unfilled, polyurethane-coated, 0.020 in. (0.5 mm) thick wear layer composed of polyvinyl chloride resins, plasticizers, stabilizers, and processing aids over a printed film on an intermediate layer over a filled vinyl backing. Flooring shall meet composition, size, thickness, squareness, flexibility, residual indentation, resistance to chemicals, resistance to heat and resistance to light requirements of ASTM F 1700, Standard Specification for Solid Vinyl Tile, Class III, Type B Embossed Surface.

Section 09900 – Painting

1. Painting work where shown on drawings & Invacare finish schedual
2. Paint includes coating systems materials, primers, emulsions, enamels, stains, sealers and fillers and other applied materials, whether used as primer, intermediate or finish coats.
3. Manufacturers: Benjamin Moore & Co. and Sherwin Williams.
4. Inspect all surfaces and verify that they are in proper condition to receive the work. Beginning work means acceptance of the existing substrate.
5. Furnish and lay suitable drop closets in all areas where coating work is being done.
6. Mix coatings thoroughly, unless directed otherwise by manufacturer.
7. Impervious surfaces: Remove mildew by scrubbing with solution of tri-sodium phosphate and bleach. Rinse with clean water.
8. New interior wood items scheduled to receive paint finish and/or stain & polyurethane
9. Gypsum board surfaces, new and existing: fill minor defects with latex based spackle.
10. Apply all materials in strict accordance with approved mfg. printed instruction.
11. Prime back surfaces of all interior and exterior woodwork and doors schedule for painted finish with primer.
12. Wood scheduled for natural finish:
    A. one coat paste wood filler
    B. two coats of polyurethane

Section 09900 – Painting (continued)

13. Existing wood surfaces sand & prep
    A. 1coat of primer 1 coat of finish
14. Gypsum board partitions and walls, previously painted: two coats semi-gloss latex paint
15. New gypsum board ceilings scheduled for painted finish:
    A. one coat latex primer
    B. two coats of eggshell finish latex paint
16. New metal: 1 coat Primer, 2 coats latex semi gloss
17. Existing metal surfaces: 2 coats latex paint, semi gloss

10000 – MISCELLANEOUS SPECIALTIES

1. Summary: The work under this section consists of miscellaneous specialties where shown on the drawings or as specified herein.

   A. Provide fire-rated access panels were needed for floors, walls and/or ceilings.

   B. Provide furnish non-fire rated access panels for the floors, walls and/or ceilings where applicable.
2. Related Work:

   Section 09250 – Gypsum Board
   Section 15400 – Plumbing
   Section 15500 – HVAC
3. Panels shall be manufactured by one of the following:

   JL Industries
   Corp Associates
   Miami-Carroll Corporation
   Norstrum Products Co.
4. Installation:

   A. Install access panel in accordance with the manufacturer's instructions and directions from authorities having jurisdiction.

   B. Fit rim pieces accurately and tight to adjacent construction.

Section 10400 – Identifying Devices

1. Provide and install sinage for all new areas to match existing
2. Install at 60" off finished floor to center of signage mount on latch side of door

Section 10620 – Kickplates and Corner Guards

1. Provide and install materials specified herein and as shown on the construction documents. Work includes, but is not limited to the following.
   A. kickplates on all new and existing doors on wings A&B
   B. corner guards
2. Prepare existing wall to receive materials; utilize trim accessories as required for this installation.
3. Reference: Comply with applicable requirements of the following standards as well as state and local codes:
   A. ASTM E84 Class A, NFPA 80
4. Manufacturers:
   A. Materials shall be from a single manufacturer as specified herein:
      1. IPC Door and Wall Systems
      2. Construction Specialties
   B. Vinyl Corner Guards:
      1. flush mount vinyl corner guards, Model #150 High Impact Corner Guards, 3 x 3 x 4' high, 90 degrees.
      2. mounting brackets and attached hardware.
      3. clear vinyl corner guards 1 x 1 x 3' high to be located on all exterior corners in treatment and common areas.
   C. Kickplates:
      1. Install as specified on the door schedule for new doors.
      2. Provide kickplates for all doors off common corridor. They shall be a minimal of 30" high, 1" less than the width of the door in an "L" configuration.
   D. Jamb Heads: Jamb guards 3'H x the width of the existing jambs, and/or new shall be installed on all doors located off of the common corridor.
5. Finishes: Extruded vinyl sections and kickplates. Colors to be as selected by Invacare with a Class A flame spread rating. All materials shall have self-extinguishing properties, CC1 Classification as tested under ASTM 635-74.

Section 10810 – TOILET ROOM ACCESSORIES

1. Summary:

   A. Furnish all, material, equipment necessary to complete the following.

      1. Furnish toilet and bath accessories to be installed.

         a. Frame mirror: size as shown on drawings with stainless steel frame and 1/4" thick mirror tempered glass, equal to Bobrick series 2890 welded frame mirrors, 1 piece rolled-form. 3/4"x3/4" angle frame. type 304 stainless steel.

         b. Towel Dispenser: Bobrick number B-4262 Contour Series Surface-mounted paper towel dispenser, satin finish, tumble lock on top of cabinet, door swings down. The door contains 400 "C" folded towelettes.

         c. Soap dispensers: Bobrick No B-42 Classic Series, surface-mounted soap dispenser, all black, valve dispenser, all purpose soaps, vandal-resistant lids with keyless locking device. Unit is 5 13/16x6-7/8".

         d. Toilet TissBue Dispenser: Bobrick No. B-4288 Contour Series, surface-mounted, multi-roll toilet tissue dispenser, satin finish stainless steel, holds two rolls of 5 1/4" diameter extra roll automatically drops down in place, theft resistant.

         e. Robe hooks: Bobrick No. B76-717, flanges 2"x2", projects out 1 5/8", satin finish stainless steel, ADA mounting heights.

         f. Grab bars: 1 1/4" stainless steel, minimum wall thickness 18 ga. with non-slip peened surfaces. Grab bar shall have covers to conceal the anchors, Bobrick #B-580699. See elevations

      2. Furnish toilet and bathroom accessory templates for locating anchorage of the equipment.

   B. See bathroom Accessories Sch. for listing of each item.
2. Related Work:

   Section 06200 – Finish Carpentry
3. Manufacturers: Obtain toilet room accessories from one of the following manufacturers:

   Bobrick Washroom Equipment, Inc.
   Clifton Park, N.J.
   518-877-7444

   Bradley Corporation Washroom Accessories
   General Accessories Manufacturing
   American Specialties Inc.
4. See drawings for locations and type.

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SPECIFICATIONS

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EAST LONGMEADOW, MA

SCALE: NTS | DR. BY:
DATE: 8/8/11 | PJL

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