

DIVISION 09 - FINISHES

09 21 16 - GYPSUM BOARD ASSEMBLIES

- 1.1 General**
- 1 Submit fire rated partition assemblies.
 - 2 Maintain temperature in accordance with manufacturer's written instructions.
- 2.1 Products:**
- 1 Standard board and Type X to thickness indicated - 1220 mm [48"] wide by maximum practical length.
 - 2 Steel drill screws to ASTM C 1002.
 - 3 Casing beads, corner beads, control joints and edge trim to ASTM C1047, zinc coated by electrolytic process 0.5 mm base thickness, perforated flanges, one piece length per location.
 - 4 Joint compound to ASTM C 475, asbestos free.
- 3.1 Execution**
- 1 Apply in accordance with best practice.

09 22 16 - NON LOAD BEARING WALL FRAMING

- 1.1 General**
- 1.1 Submittals:**
- 1 Submit product data for bulkhead suspension system.
 - 2 Provide maintenance materials for inclusion into the Operations and Maintenance Manuals.
 - 3 Provide warranty information for inclusion into the Operations and Maintenance Manuals.
- 2.1 Products:**
- 1 Non load bearing channel stud framing to ASTM C 645, stud size as indicated, roll formed from 0.53 mm thickness hot dipped galvanized steel sheet for screw attachment of gypsum board. Knock out service holes at 450 mm centres.
 - 2 Jamb studs to be 20 ga. Framing studs to be 25 ga.
 - 3 Floor and ceiling tracks to ASTM C 645 in widths to suit stud sizes, 34 mm flange height.
 - 4 Metal channel stiffeners: 38 mm x 19 mm size, 1.4 mm thick cold rolled steel coated with rust inhibitive coating.
 - 5 Metal furring channels, hangers, tie wires, inserts, anchors to CSA A82.30
 - 6 Acoustical sealant to CAN/CGSB - 19.21.
 - 7 Insulating strip to be rubberized, moisture resistant 3 mm thick foam strip, 13 mm wide with self sticking adhesive on one face. Lengths as required.
 - 8 HSS tubes with 1/8" thick walls and metal plate for bolting to floor to reinforce pony wall.
- 3.1 Execution**
- 3.2 Erection**
- 1 Do application and finishing of gypsum board in accordance with ASTM C840 except where specified otherwise.
 - 2 Erect hangers and runner channels for suspended gypsum board ceilings in accordance with ASTM C840.
 - 3 Support light fixtures by providing additional ceiling suspension within 150 mm of each corner and at maximum 610 mm around perimeter of fixture.
 - 4 Furr for gypsum faced vertical bulkheads within and at termination of ceiling.

09 65 16 - RESILIENT SHEET FLOORING

- 1.1 General**
- 1 Related Sections 09 68 13 - Textile Composite Flooring
- 1.2 Standards**
- 1 ASTM F 1303 04 [2014] Standard Specification for Sheet Vinyl Flooring
 - 3 ASTM E 662 -Smoke Density less than 450
- 1.2 Submittals**
- 1 Submit in accordance with requirements identified.
 - 2 Submit 2 150 mm x 150 mm samples of each colour and pattern identified in the Colour and Material Schedule.
 - 3 Submit seaming diagram indicating how the pattern will be seamed, where other seams will be located and where transition points will be between disparate materials.
 - 4 Provide maintenance materials for inclusion into the Operations and Maintenance Manuals.
 - 5 Provide warranty information for inclusion into the Operations and Maintenance Manuals.
- 1.3 Testing**
- 1 Flooring contractor shall carry out testing to confirm moisture content and pH is within the manufacturer's required range. Test results are to be submitted to the Contract Administrator's office prior to commencement of work.
 - 2 Do not commence work if readings are not compliant with manufacturer's requirements. Advise Contract Administrator and await further direction.
- 2.1 Products**
- 2.2 Resilient Sheet Flooring - RSF**
- 1 Type 1, Grade 1 homogeneous vinyl flooring; 2.0 mm thick with PUR reinforced wear layer. Allow for two colours as selected from manufacturer's full complement of colours. Refer to Colour and Material Schedule.
 - 2 Heat weld Rod - contrast colour for pattern definition. Same colour as flooring for welds not forming part of the pattern.
- 2.3 Resilient Wall Base and Transitions**
- 1 Refer to Specification section 09 68 13.
- 2.4 Adhesive, Primers and Levellers**
- 1 Refer to manufacturer's printed instructions.
- 3.1 Execution**
- 3.2 Installers**
- 1 Use experienced and qualified technicians to carry out assembly and installation of Flooring.
- 3.3 Verification**
- 1 Examine substrates and work of other trades to which this work abuts to verify conditions are suitable to the installation. Advise Contract Administrator of defects or conditions that will impede the proper installation.
- 3.4 Preparation**
- 1 Carry out floor preparation in accordance with manufacturer's printed instructions.
- 3.5 Installation**
- 1 Install Textile Composite Flooring, wall base and transitions in compliance with manufacturer's printed instructions.

09 68 13 - TEXTILE COMPOSITE FLOORING (TCF)

- 1.1 General**
- 1 Related Sections 09 65 16 - Resilient Sheet Flooring
- 1.2 Standards**
- 1 CAN/ULC-S102.2-07, Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings and Miscellaneous Materials and Assemblies.
 - 2 ASTM E 648 Class I
 - 3 ASTM E 662 -Smoke Density less than 450

09 68 13 - TEXTILE COMPOSITE FLOORING (TCF) CONT.

- 1.2 Submittals**
- 1 Submit in accordance with requirements identified.
 - 2 Submit 2 full size tile samples of each colour and pattern identified in the Colour and Material Schedule.
 - 3 Submit seaming diagram indicating how the pattern will be seamed, where other seams will be located and where transition points will be between disparate materials.
 - 4 Provide maintenance materials for inclusion into the Operations and Maintenance Manuals.
 - 5 Provide warranty information for inclusion into the Operations and Maintenance Manuals.
- 1.3 Testing**
- 1 Flooring contractor shall carry out testing to confirm moisture content and pH is within the manufacturer's required range. Test results are to be submitted to the Contract Administrator's office prior to commencement of work.
 - 2 Do not commence work if readings are not compliant with manufacturer's requirements. Advise Contract Administrator and await further direction.
- 2.1 Products**
- 2.2 Textile Composite Flooring**
- 1 TCF-1: Kinetex Flash. Solution dyed polyester wear surface with polyester felt cushion backing, 610 mm square module.
 - 2 TCF-2: Kinetex Pop. Solution dyed polyester wear surface with polyester felt cushion backing, 610 mm square module.
- 2.3 Resilient Wall Base (RWB)**
- 1 100 mm high top set resilient wall base to be selected from manufacturer's full complement of colours. Refer to Colour and Material Schedule for product details. Allow for two colours; one to match to the existing base in Corridor and one for the new office suite.
- 2.4 Transitions**
- 1 Resilient T mould transition between materials of +/- 6mm to materials of +/- 3mm. Johnsonite CE-XA-A. Refer to colour and material schedule for colours.
- 2.5 Adhesive**
- 1 As recommended by manufacturer.
- 3.1 Execution**
- 3.2 Installers**
- 1 Use experienced and qualified technicians to carry out assembly and installation of Textile Composite Flooring.
- 3.3 Verification**
- 1 Examine substrates and work of other trades to which this work abuts to verify conditions are suitable to the installation. Advise Contract Administrator of defects or conditions that will impede the proper installation.
- 3.4 Preparation**
- 1 Carry out floor preparation in accordance with manufacturer's printed instructions and CRI Standard.
- 3.5 Installation**
- 1 Install Textile Composite Flooring, wall base and transitions in compliance with manufacturer's printed instructions.

09 91 23 - INTERIOR PAINTING

- 1.1 General**
- 1 Painting to be in accordance with the recommendations of the current edition of the MPI Architectural Painting Manual of the Masters Painters Institute. Paint shall meet Green Seal requirements. Volatile organic compound emissions from paints must not exceed the VOC and chemical component limits of Green Seal.
- 1.2 Submittals and Samples**
- 1 Submit Product Data and Samples for each paint colour and sheet specified.
 - 2 For paint finishes to be applied to GWB submit duplicate samples on 13 mm thick GWB using proper techniques to allow for a true assessment of the colour and sheen.
 - 3 For paint finishes to be applied to metal submit duplicate samples on 3 mm metal plate using proper techniques to allow for a true assessment of the colour and sheen.
 - 4 Provide maintenance materials for inclusion into the Operations and Maintenance Manuals.
 - 5 Provide warranty information for inclusion into the Operations and Maintenance Manuals.
- 1.3 Site conditions**
- 1 Painting substrate shall be responsible for the patching, preparation and painting of existing walls, ceiling bulkheads, columns etc.
 - 2 GWB and / or plaster on underside of window headers is badly damaged in several areas and will require removal of deleterious material, sanding, patching and remedial preparation to provide a surface ready for new paint work.
 - 3 Holes in GWB scheduled to remain are to be patched and made good. Plugs to be removed and patched.
- 2.1 Product**
- 1 Acceptable Product: as indicated in the Colour and Material Schedule. Paint materials for paint systems shall be from a single manufacturer and be considered a commercial line of paint.
 - 2 Colours to be as selected unless revised by Contract Administrator.
 - 3 Clean painted surfaces with a TSP detergent prior to new paint finish being applied.
 - 5 Paint to walls shall be acrylic latex with G4 finish. INT 9.2B-G4 and RIN 9.2B-G3.
 - 6 Paint to existing walls shall be acrylic latex with G4 finish. Two coats of paint. Patch and repair walls to be painted - spot prime exposed GWB.
 - 7 Paint to door frames to be acrylic latex G5 finish. INT 6.3A-G5 and RIN 5.1R-G5.
- 3.1 Execution**
- 1 Investigate existing substrates for problems related to proper and complete preparation of surfaces to be painted. Protect existing building surfaces and adjacent structures from paint splatters, markings and other damage.
 - 2 Remove cover plates and other surface mounted equipment, fittings and fastenings prior to painting and restore at completion.
 - 3 Provide painting operations in accordance with CAN/CGSB-85.100. Apply in accordance with painting manufacturer's instructions.

DIVISION 12 - FURNISHINGS

12 21 16 - WINDOW COVERINGS

- 1.1 General**
- 1.2 Related Sections**
- 1 Section 06 10 01 Rough Carpentry
- 1.3 Submittals**
- 1 Submit in accordance with requirements identified.
 - 2 Submit 2 150 mm x 150 mm samples of each colour identified in the Colour and Material Schedule.
 - 3 Provide maintenance materials for inclusion into the Operations and Maintenance Manuals.
 - 4 Provide warranty information for inclusion into the Operations and Maintenance Manuals.
- 2.0 Products**
- 2.1 Roller Blinds**
- 1 Manually operated chain driven system with a built in clutch. Head rail shall be 6063-T6 extruded aluminum with a wall thickness of 1.2 mm. Shades shall be complete with a clutch and idler set and a silver metal bead chain complete with wall guide for fixing chain. Fascia shall be a 76 mm fascia in clear anodized aluminum with matching end caps. Shade to have a pocket for flat aluminum hem bar
 - 2 Fabric shall be 3% open weave with non fraying edges as selected from the manufacturer's standard colours.
 - 3 Acceptable products are Urban Edge Shading; Shade O Matic or approved alternate.
- 3.0 Execution**
- 3.1 Installation**
- 1 Install in accordance with manufacturer's written instructions.
 - 2 Coordinate blocking locations with the Contractor.

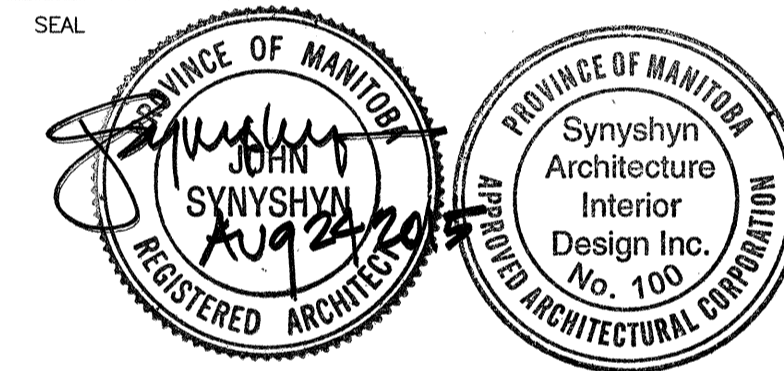
12 21 16 - FURNITURE

- 1.1 General**
- 1.2 Related Sections**
- 1 Electrical drawings and specifications.
- 1.3 Submittals**
- 1 Submit product data, illustrations and descriptions for the workstations, panels, seating and file cabinets identified on the plans.
 - 2 Submit colour and finish selectors for laminates, metal, pvc edging, fabrics, for furniture identified.
 - 3 Provide maintenance materials for inclusion into the Operations and Maintenance Manuals.
 - 4 Provide warranty information for inclusion into the Operations and Maintenance Manuals.
- 1.4 Acceptable Product**
- 1 The following manufacturers are considered to have product suitable for this tender: Global, Teknon, Steelcase, Haworth, Herman Miller, Knoll or approved alternate in accordance with B7.
 - 2 Seating Fabric shall meet a minimum standard of 100,000 double rubs and be selected from manufacturer's full range of colours in a grade one (1) above entrance level. Fabric shall have at least 40% recycled content.
 - 3 Panel Fabric shall be selected from manufacturer's full range of colours in a grade one (1) above entrance level. Fabric shall have at least 40% recycled content.
- 2.0 Products**
- 2.1 Ergonomic Task Chairs (C-1)**
- 1 Fully upholstered, ergonomic task chair with separate seat and back, synchronized tilt mechanism, five star base with casters and fully adjustable hard surface or gel T arms.
 - 2 Casters shall be suitable for hard and soft surfaces.
- 2.2 Visitor Chair (C-2)**
- 1 Fully upholstered, sled base chair with separate seat and back and arms. Preference for visitor chair to be supplied from the same statement of line as the ergonomic task chairs.
 - 2 Base shall come equipped with glides suitable for use on carpet.
- 2.3 Workstations (WS-1)**
- 1 'L' shaped freestanding workstation with high pressure laminate finish to worksurfaces and gables. Edge of desk to have 3 mm PVC edge banding. Banding to be flat, square edge suitable for abutting to other worksurfaces to create the indicated configuration. Refer to drawing for sizes.
 - 2 Worksurfaces to have grommets or scoops for wire management.
 - 3 Provide full end gables at open end of workstation. Intermediate gables may be half gables.
 - 4 Modesty panels shall be partial height. Indicate locations and dimensions on submittals.
 - 5 Below worksurface storage to be mobile pedestals in depths to suit the workstation depth. Pedestal shall be metal fabrication and be configured as indicated on the drawings as a box, box, file or a file over file.
 - 6 Metal overhead storage will be mounted on wall or on panels. Storage unit to be modular to suit the width of the panels where applicable or the width of the workstation where panels are not used. Provide one task light below each storage unit with two position light switch. Doors are to be flipper style and retract over the top of the storage unit (not in side).
 - 7 Each storage unit within a workstation shall be keyed alike. Each workstation keyway will be unique but tied into the master keyway for the suite / building.
 - 8 Provide fully articulating keyboard tray with separate, non handed mouse pad.
 - 9 Provide flat brackets below worksurfaces to allow for a flush installation.
 - 10 Where overhead storage is mounted on wall standards provide a tackable surface to cover standards. Finish to match to the panel fabric selected.
 - 11 Connectors to be metal to metal.
- 2.4 Panels**
- 1 Panels are to be acoustic and tackable and have raceways with modules to allow for power, data and phone lines. System to have metal frames, top caps, raceway covers, end caps and transition caps. Panels shall be capable of achieving the configuration and height indicated. Designated panels will have glass modules incorporated. Panels will have stability when single or double loaded with storage units. Feet that project into the aislesways are not acceptable.
 - 2 Panels shall be available in the widths indicated and in widths (mm +/- 50) of 450, 610, 760, 915, 1070, 1220 and 1530. Panel thickness shall not exceed 75 mm.
 - 3 Panels shall be available in heights indicated +/- 50 mm.
 - 4 Base panel shall be monolithic and capable of receiving up to two stack on panels.
 - 5 Panel fabric shall be the same on both surfaces and be capable of field removal and replacement.
 - 6 Provide light blocking sticks where required.
 - 7 Provide levellers to allow for a plumb top height at completion of installation.
 - 8 Provide wall start brackets where panels intersect with building walls.
- 2.5 File Cabinets and Storage Cabinets**
- 1 Provide three drawer metal file cabinet with double wall fronts, full width integrated pulls, reinforced corners and levelling devices. Drawers to be equipped with file folder bars for cross and lateral filing. Bottom drawer to have a fixed front. Top and middle drawers to have a receding door. Drawers to be gang locked. Cabinet to have anti tip safety mechanism. Each cabinet shall have a unique lock and be integrated into the master keyway.
 - 2 Storage cabinet to be metal with full height doors, integral pulls, adjustable shelves on 25mm increments, and unique lock integrated into the master key system. Storage cabinet shall be provided from the same statement of line as the file cabinet. Provide levellers.
- 2.6 Meeting Table**
- 1 38 mm thick plastic laminate finished table top with pvc edging in profile to match to the desk within the office. Plastic laminate finish will also be selected to match or complement the existing desk finish. Diameter to be 1070 mm. Base to be x base with bullet foot and epoxy finish in colour selected from manufacturer's full range. Post to be +/- 75 mm diameter.
- 3.0 Execution**
- 3.1 Installation**
- 1 Install in accordance with manufacturer's written instructions.
 - 2 Coordinate timing of installation with Contractor.

ISSUED FOR

ISSUED FOR CONSTRUCTION AUGUST 24, 2015

SEAL



ARCHITECT / PRIME CONSULTANT

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PROJECT TITLE

CENTRAL YARDS FIELD SERVICES BUILDING

1220 PACIFIC AVENUE OFFICE RENOVATION

1220 PACIFIC AVE. WINNIPEG MANITOBA

DRAWING TITLE

723-2015_SPECIFICATIONS_A6-R0

DESIGNED BY JN DRAWN BY JN

ISSUE DATE 08-24-2015 REVISION No. 0

PROJECT No. 15004 DRAWING No. A-6