Saint Alban’s Nursery Two Childcare Renovations
567 Monaghan Road, Peterborough

Architectural Specifications

Issued for Quotation: January 15, 2025

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DIVISION 2 DEMOLITION AND EXCAVATION

1. GENERAL

1. The scope of the demolition is shown on the drawings and includes:

    1. Excavation of topsoil and earth material required for foundation construction, and manage surplus excavated soil off site; Backfill foundation excavation with native material if suitable (no large rocks);

    2. Removal of wall and floor components including concrete, masonry, studs, joists, door frames, windows, etc.

    3. Wall and floor cutting/removal required to connect new plumbing and wiring.

    4. Removals required for new door and window openings.

    5. Removal of existing floor finishes.

    6. Removal of mechanical and electrical components.

    7. See DSS Report by Cambium Environmental regarding existing hazardous materials and removal/management requirements.

2. The following items are to be turned over to the Owner. Should the Owner decide that the items are surplus, Contractor to dispose of items off-site:

    1. Existing railing system at front entrance.

DIVISION 2A SITE WORK AND GRADING

1. GENERAL

.1 The scope of the site work is shown on the drawings and includes:

a. Construct new exterior elements as shown on the site plan including: concrete sidewalks, asphalt paving, granulars, curb stops, pavement markings, vinyl coated chain-link fence, etc.

b. Restore disturbed areas adjacent to the new addition and sidewalk with 50mm of topsoil and sod.

2. MATERIALS

.1 As noted above and on the drawings.

3. EXECUTION

.1 In accordance with industry standard site work standards.

DIVISION 3 CONCRETE AND FORMWORK

1. GENERAL

.1 Construct footings, foundation and new floor slabs as detailed on the drawings.

2. MATERIALS

.1 Floor Concrete:
- .1 Strength: Minimum 32 MPa @ 28 days
- .2 Max. aggregate size: 5/8"
- .3 Slump: max 100 mm
- .4 W/C Ratio: Max 0.65

.2 Exterior Flat Concrete:
- .1 Strength: Minimum 35 MPa @ 28 days
- .2 Class of Exposure: C-1
- .3 Max. aggregate size: 5/8"
- .4 Slump: 20 – 80 mm
- .5 Air Entrainment: 7%
- .6 W/C Ratio: Max 0.45

.3 Foundation Concrete:
- .1 Strength: 20 MPa
- .2 Max. aggregate size: ¾"
- .3 W/C Ratio: Max 0.70

3. EXECUTION

.1 Provide mix designs for approval one week in advance of pouring concrete.

.2 Prior to placement of concrete, all tools and equipment used for mixing and conveying shall be cleaned. The entire area where concrete will be placed shall be cleaned.

.3 Drill and install dowels as detailed.

.4 Place concrete and trowel grade mortar in the locations required. Ensure that the surface of the new concrete is flush with the surface of adjacent final concrete surfaces. Concrete pouring shall be carried out as a continuous operation until the area is complete.

.5 Concrete shall be handled as rapidly as practical from the mixer to the place of final deposit by methods which prevent the separation or loss of material. It shall be deposited as nearly as possible to its final position to avoid re-handling or flowing. Concrete that has partially hardened shall not be deposited in the work. The discharge of concrete shall be started not more than 45 minutes after the introduction of mixing water. Placing of concrete shall be completed within 90 minutes of the first introduction of water into the mix. It shall not be reworked.

.6 Slabs shall be tamped to depress the aggregate and push floated with a float as necessary. Care shall be taken at all times so that the wet slab meets the elevation of adjacent final concrete surfaces.

.7 The new slab, and repair areas, shall be trowelled level to a smooth finish suitable for the installation of the specified floor finishes.

.8 Crack control saw cuts are to be completed. The location of cuts to be confirmed with the Consultant and Owner at time of construction.

.9 If any concrete work is not placed as indicated, is under strength, out of line, out of level, or showing objectionable cracks, honeycomb, rock pockets, voids, spalling, it shall be repaired or replaced as directed by the Consultant. All cleaning, patching and repairs shall be subject to the Consultant's approval and acceptance.

DIVISION 6A ROUGH CARPENTRY

1. GENERAL

The scope of the work of this section includes the construction of wood stud walls and wood blocking.

2. PRODUCTS

.1 MATERIALS:

.1 General: Use materials specified herein or where materials are not specified, provide materials that are in compliance with the Ontario Building Code.

.2 Construction Lumber: Interior Studs: SPF No. 1 and 2.

.3 Pre-engineered wood products: As detailed and/or required. Provide engineered shop drawings.

.4 Softwood Plywood: Douglas Fir, conforming to CSA 0121-M1978, good one side.

.5 Misc Blocking/Strapping/Framing for Carpentry & Millwork Items: solid stock pine, 115a, "No. 1" common.

.6 Rough Hardware: bolts, nuts, washers, lags, pins, screws, etc shall be hot dip galvanized to CAN/CSA-G164-M92.

.7 Nails: use galvanized nails for exterior work.

3. EXECUTION

.1 Furring, Strapping & Rough Framing: Supply & install where indicated on dwgs & as required for attaching work of other Sections. Where wood is to be fastened to masonry, supply metal nailing plugs or anchor bolts to masonry section for building into masonry joints.

.2 Rough Hardware: Supply & install all rough hardware. Fasten to hollow units with toggle bolts & to solid masonry or concrete with lead expansion shields & lag screws, unless noted otherwise. No organic fibre or wood plugs shall be used.

.3 Finishing Door Hardware:

.1 Install door hardware to manufacturer's directions. Verify heights with consultant prior to preparing doors & frames. Adjust hardware to ensure proper ease of operation. Protect installed hardware from damage & paint spotting.

.2 Weatherstrip all exterior doors effectively to tightly seal entire perimeter of door. Secure in place with non-ferrous screws, in accurate alignment. Maintain integrity of weather seal at head of doors fitted with closers. Adapt weatherstripping as required to achieve specified performance & provide any necessary accessories.

.4 Doors & Frames:

.1 Set in place all frames occurring in new walls. Frames shall be plumb, level & braced, ready for building-in by Division 4.

.2 Fit, hang & adjust doors plumb & true, maintaining uniform door widths & heights. Fit all hinges & adjust for ease of operation. Leave 3mm clearance at heads, 2.5 mm at each jamb & 19mm at sills. Where doors swing over carpeted area, allow sufficient clearance. Install all hardware for hollow metal doors. Verify clearance at sill with Consultant before proceeding.

.5 Install all finished hardware as specified.

DIVISION 6B MILLWORK

.1 GENERAL

The scope of the work of this section includes new millwork.

.1 QUALITY ASSURANCE:

.1 Fabrication & installation of millwork shall be performed by skilled personnel working for firm specializing in millwork with minimum 5 years of experience.

.2 SUBMITTALS:

.1 Shop Drawings: Submit shop drawings for review. Shop drawings shall clearly indicate material being supplied & shall show all connections, attachments, reinforcing, anchorage & location of exposed fastenings.

2. PRODUCTS

.2 MATERIALS:

.1 Melamine Faced Millwork Panels: decorative sheet impregnated with melamine resin thermally fused to particleboard core conforming to CAN3-0188.1-M78. Panels shall be "Melamines" by Flakeboard, "Melamines" by Formica, "Panolam" by Wanderosa, "Panval" by Uniboard. **For tendering purposes, assume that melamine selection is white for cabinet interiors.** Verify selection prior to ordering of material.

.2 Plastic Laminate Faced Millwork Panels: 19mm thick particleboard core to CAN3-0188.1-M78, or hardwood plywood core to CSA-0115-M1982, with plastic laminate facing, Type 1, General Purpose, 1.52mm (0.060" or 1/16" nominal) thick, with no orange peel ripple, conforming to CAN3-A172-M79. **Plastic laminate for the cabinet exteriors shall be selected by Owner from standard product line by Wilsonart, or equal.** Use waterproof adhesive capable of holding materials together without failure. Seal backs in an approved manner.

.3 Wood Veneer Plywood Panels: ¾" plywood with birch or maple veneer and matching solid wood edging where specified on the drawings.

.4 Countertops: Post-formed laminated with integral backsplash. Colour/pattern to be selected from standard product line.

.5 Rough Hardware: bolts, nuts, washers, lags, pins, screws, etc shall be hot dip galvanized to CAN/CSA-G164-M92.

.6 Nails: use galvanized nails for exterior work.

.7 Wood Trim: shall be solid stock select hardwood, size as detailed on drawings.

.2 MILLWORK FABRICATION:

.1 General:

.1 All architectural woodwork & millwork shall be manufactured, finished, supplied & installed to Custom Grade standards of Architectural Woodwork manufacturers Association of Canada (AWMAC).

.2 Assemble work in shop & deliver to site ready for installation as far as practical. Leave ample allowance for fitting & scribing on site. Take field dimensions & fabricate all millwork to suit these measurements. Check access clearances at site before assembling large units or components in factory for shipment to site.

.3 Use running members in greatest lengths obtainable to minimize number of joints required.

.4 Design construction methods for expansion & contraction of materials. Be responsible for methods of construction & for ensuring that materials are rigidly & securely attached & will not be loosened by work of other trades.

.5 Joints between horizontal fixed shelves & vertical gables shall be dado, rabbet, mortise & tenon, dovetail, tongue and groove, some form of metal mechanical interlocking device, or combination of same. Note that plain butt joints with dowel connects will not be permitted at this location. All joints shall be glued & pinned.

.6 Frame materials with tight joints, rigidly held in place. Use glue blocks where necessary. Take care to prevent opening up of glue lines in finished work. Conceal joints & connections wherever possible. Locate prominent joints where directed by Consultant. Intermediate joints between supports will not be permitted. Joints made on site shall be equal in quality & workmanship to joints made in factory. Accurately scribe, cope & mitre members where they meet.

.7 Glue, blind screw or nail all work unless otherwise specified. Glues shall be waterproof & of type suitable for work to be joined. Set surface nails & plug surface screws with wood plugs of material to match surface. Conceal nailing of tongued & grooved work.

.8 Machine dressed work shall be slow fed using sharp cutters & finished work shall be free from drag, feathers, slivers or roughness of any kind. Remove machine marks by sanding. In finished work, machine sand exposed surfaces in shop & hand sand on site to even, smooth surfaces, free from scratches, ready for finishing by Section 9C.

.9 Do not permit delivery of this work to site until area is sufficiently dry so that woodwork will not be damaged by excessive changes in moisture content. Moisture content of interior woodwork shall be no less than 4% nor more

than 8%. Provide protective wrappings on millwork in transit & in storage to ensure that bruises, blemishes, etc do not occur.

2. Millwork Material Schedule:

.1 Fabricate all Millwork as detailed.

.2 All cabinet door panel and end gable materials for millwork shall be plastic laminate facing, self-edged on 19mm particle board core.

.3 All other panel materials for millwork shall be particleboard core with melamine facing. All cores shall be minimum 19mm thick except drawer sides & bottoms, which shall be minimum 13mm thick. All visible surfaces on both exterior & interior side of all casework including doors, drawers, shelves, etc shall be faced. Use of UV paint on interior side of millwork will not be permitted.

.4 All edges of melamine faced panels shall receive hot-glue-applied 1mm thick PVC abrasion resistant tape edging, colour to match melamine.

.5 Drawers shall be fully removable. Gables for adjustable shelving shall be routed to receive flush mounted metal pilaster strips (peg inserts not acceptable). Depth of shelving units shall be as indicated on dwgs.

3. Millwork Hardware Schedule:

1. This section shall supply & install all necessary millwork hardware to provide functions/operations indicated on millwork details. This Contractor shall be responsible for establishing quantities of all hardware items by careful review of millwork details on dwgs. Generic list of hardware which may be required shall be as follows:

Pull	CBH #255-C15
Hinge	Blum Clip Top Program, concealed, full overlay, 120^0, with appropriate series mounting plate to suit application
Door Bumper	Blum #TP1950 adhesive type (2/door)
Elbow Catch	Amerock #3675
Surface Bolt	Hafele #252.02.644 or Stanley 79-3021 with #251.60.703 adjustable strike plate
Door/Drawer Lock	Nat'l Lock C8053, 5 disc tumbler cam lock (keyed alike per room)
Drawer Slide	Knape &Vogt (K&V) # 1300 ZC or Accuride C2025

Pilaster	K&V # 255 ZC
Pilaster Clip	K&V # 256 ZC
Coat rod	K&V # 770-5 CHR
Coat rod Flange	K&V #764 CHR
Coat rod Support	K&V #1195
Piano Hinge	75mm wide, full length, heavy duty, NP

3. EXECUTION

.2 INSTALLATION:

.1 Millwork: Erect millwork plumb, level, square & true with adjacent assemblies or materials. Provide all blocking coming in direct contact with millwork. Fasten wood nailers, blocking, framing & strapping solidly to adjacent materials in true planes. Installed woodwork shall be smooth, even surfaces, free from knicks, scratches, bruises, blemishes, stains, mineral marks, knots, shakes & other.

.2 Modifications to Existing Millwork (where specified): Carefully disassemble all millwork designated for re-use, relocation, or modifications. Repair cabinets to original structural integrity. Replace damaged melamine or plastic laminate finishes to original condition. Where melamine edgebanding is delaminated, replace entire strip. Laminate new plastic laminate finishes over existing gables and cabinet surfaces that were previously concealed. Provide filler pieces to suit site conditions. Where new millwork base is required, Division 9, shall replace entire length of vinyl baseboard to match existing.

DIVISION 7 SEALANTS AND FIRESTOP MATERIALS

1. GENERAL

.1 The work of this section includes the fire stopping of all new penetrations through new fire separations (Base Bid), as well as the fire stopping of all existing penetrations through existing fire separations (Cash Allowance).

.2 Apply sealants for temperature range stipulated by sealant manufacturer.

.3 See also Sections 7D.

.4 Warrantee sealant labour and materials against leakage, cracking, shrinkage, adhesion, etc. for a period of 3 years.

2. MATERIALS

.1 Primers: as recommended by sealant manufacturer.

.2 Joint Fillers: Ethafoam rods or equal.

.3 Sealant: conforming to CSA/CASB19-9P-13M and CSA/CGSB19-GP.
- .1 Exterior: Tremco 'Dymeric" or equal
- .2 Interior: Dow Corning '8644' paintable silicone, colours to be selected by Consultant

.4 Foam insulation: one component polyurethane, low modulus of expansion, Enerfoam by Abisko or equal.

.5 Fire stop materials: The following products may be used to suit the application and requirements of the OBC. (See Appendices for catalogue cuts.) Alternate products may be used if installer obtains written approval from the building inspection department.

- .1 For single mechanical duct penetrations, metal pipes, and cables: Hilti CP 606, flexible firestop sealant.
- .2 For single mechanical duct penetrations, and multiple metal pipes, and cable penetrations: Hilti CP 620, flexible firestop sealant.
- .3 For single mechanical duct penetrations, metal pipes, plastic pipes, and cables: Hilti FS-One, high performance intumescent firestop sealant.

3. EXECUTION

.1 Remove dirt, dust, oil, grease and other matter before sealant application.

.2 Prime surfaces to be sealed.

.3 Ensure joint size complies with sealant range.

.4 Apply bond breakers and joint fillers.

.5 Apply sealant in smooth surfaced raked bead to Consultants approval.

.6 Sealant to be applied to all joints noted or required.

.7 Remove excess materials and staining from adjacent surfaces.

.8 Pack all voids around windows, doors, etc. with expanding foam insulation.

Firestopping:

.1 Partition fire ratings: 3/4 hour.
.2 Seal all openings around pipes, ducts, conduits and structural components passing through fire rated assemblies with ULC approved fire-stop materials to prevent the passage of smoke through wall and floor assemblies.
.3 Do not cover firestopping materials until inspected by the building department.

DIVISION 8 DOORS, HM FRAMES, ALUMINUM ENTRANCE, VINYL WINDOWS AND HARDWARE

1. GENERAL

.1 This section includes supply of all specified HM doors, Wood Doors, Vinyl windows, hardware, and aluminum entrance glazing/doors.

.2 All door hardware on this project will be supplied and installed by the Contractor. The contractor is to coordinate the required door and frame preparation as required based on the door hardware list below.

2. PRODUCTS

.1 New interior door hardware: By ASSA ABLOY:
- .1 Lock Sets: 11 Line Cylindrical lever locks (11G05) Model 28VC11G05LL26D 1-1/4 1-3/4 with interchangable core (IC).
- .2 Hinges: BB1168-114 x 101-626 and BB1279-114 x 101-626
- .3 Door Stops: 698S x 626
- .4 Closer: LCN 4040xP silver finish
- .5 Power Door Operator: Besam 200i with wireless buttons.

.2 Hollow Metal Doors: For doors up to 48" wide: 16 ga hollow steel doors, D series (Heavy Duty) by Fleming, or equivalent. Provide insulated doors for all exterior wall installations.

.3 Pressed Steel Frames and Screens: 16 ga welded, galvanized steel frames. Prepare frames to receive required hardware. Knock-down frames may be used in non-firerated partitions, if approved by consultant. Fire-rated where specified.

.4 Glass: Tempered fire-rated glass where shown.

.5 Wood Doors: 1 ¾" commercial grade solid core, stainable maple wood veneer, with matching edges, factory applied sealant on wood edges, by Baillargeon Extreme (Heavy Duty 8500-ME) or approved equal. The doors shall be ordered prepared for the specified hardware.

.6 Aluminum Entrance System: Thermally broken flush glazing system with doors, Series 2500 by Commdoor or equal.

.7 Exterior Vinyl Windows:
- .1 Builders Vinyl (V-2500) by Jeldwen, Select by Kohltech, or approved equal.
- .2 Testing and Performance: To minimum OBC standards.

.3 Insulated Glazing Unit: Glass: Double glazed, min. 3mm panes. Interspace: Filled with argon or krypton gas (minimum 90% concentration)

.4 Colour: To be selected from standard colour line.

3. EXECUTION

.1 Install new doors, frames and hardware. Adjust all hardware for proper functioning. Doors and frames to be installed plumb and adjusted for smooth operation free from binding, scraping, sticking etc. Provide miscellaneous wood trim as required to finish all openings.

.2 Remove and dispose of existing doors, frames, hardware, glazing etc. not designated for re-use or to be returned to owner. Patch and make good all surfaces.

.3 Turn over existing hardware not designated for re-use to Owner. Re-install existing hardware where designated. Adjust, lubricate and supply new screws and appurtenances as required.

.4 Review manufacturer's shop drawings and confirm all site dimensions and type of anchors required for the installation of all new doorframes.

.5 Cut and patch openings as required to install doors, frames, hardware and concealed wiring and conduit.

.6 Caulk door frames inside and out. Use expanding polyurethane foam to fill voids for the installation of exterior pressed steel frames.

DIVISION 9A STUDS, FURRING, AND GYPSUM BOARD

1. GENERAL

.1 Supply and install of studs, furring and gypsum board (drywall), as detailed, specified and as required for a complete job.

2. PRODUCTS

.1 Steel Studs and Furring: Size as required or detailed.

.2 Resilient furring channels: from 0.024" galvanized steel conforming to ULC design data.

.3 Batt Insulation: Mineral fibre batts. Thickness as per stud dimension.

.4 Gypsum Board: Square edge, 48" wide, 5/8" Type X Fire Code gypsum board panels by Canadian Gypsum Co., or equal, and ½" regular gypsum board panels, as detailed.

.5 Fastenings and Adhesive:
- .1 Screws: to CSA A82.31-M1980 length to OBC and manufacturer's requirements
- .2 Laminating compound: to CSA A82.31-M1980
- .3 Joint Compound: to CSA A82.31 by CGC or Westroc
- .4 Setting type joint compound: Sheetrock 90 or Durabond 90.
- .5 Tape: as recommended by Gypsum Board manufacturer.

.6 Corner beads, stops - fill type perforated flanges, one piece lengths per location, "J" mouldings not acceptable.

3. EXECUTION

.1 Studs:

- .1 Build new stud walls true and plumb.
- .2 Secure to floor ,walls and ceilings/decks using screws to wood and metal, Hilti to concrete floors.
- .3 Install bracing and bridging as detailed, including double studs at all openings.

.2 Resilient and Furring Channels:

- .1 Screw install to joists, studs or existing masonry at 16" o.c.
- .2 Standard: to manufacturer's directions for wall and ceiling.

.3 Filling, taping and accessories:

- .1 Fill and tape joints, fill screw locations flush
- .2 Install corner beads and stops. Provide control joints in drywall consisting of two stops back to back at wall lengths exceeding 24'-0" in length.
- .3 Sand all surfaces for paint finish. Do not oversand.

DIVISION 9B ACOUSTIC CEILING SYSTEM

1. SCOPE

.1 This section supply and installation of new suspended ceiling systems within rooms and spaces, and the modification/extension of existing systems.

2. PRODUCTS

.1 Acoustic Ceiling Panels: Asbestos free, mineral fibre 5/8" panels, Performa Baroque by Certainteed or approved equal.

.2 Exposed Main Tee: Hot dipped galvanized steel to ASTM A653/A653M, minimum Z90 coating designation, 24 mm (15/16") exposed face and 38 mm (1 ½") high bulb tee design with double web and separate cap piece, maximum length, with reversible and integral splice. Pre-finished tee in baked enamel, standard colour.

.3 Exposed Cross Tee: Hot dipped galvanized steel to ASTM A653/A653M, minimum Z90 coating designation, 24 mm (15/16") exposed face and 38 mm (1 ½") high bulb tee design of same design as main tee, with override stepped ends to allow cross tee flange to sit on main tee flange providing flush exposed faces and with positive interlock to main tee. Grid module to suit acoustic panels. Finish to match main tees.

.4 Main Tee Splices: Designed to lock lengths of main tees together so that joined lengths of tee function structurally as a single unit with tee faces at joint perfectly aligned and presenting a tight seam.

.5 Hangers and Wires: Galvanized hangers and 2.6 mm (12 gauge) minimum galvanized steel wire.

.6 Wall Moulding: Pre-finished galvanized steel, 19 mm x 19 mm (3/4" x ¾") reveal with nominal 25 mm (1") exposed face, hemmed edges, finish to match tees.

.7 Provide new components (to match existing) as required to tie existing ceiling systems into new walls.

3. EXECUTION

.1 Install work in accordance with ASTM C636/C636M and to manufacturer's instruction.

.2 Lay out ceiling in accordance with reflected ceiling plans. Review layout with consultant prior to installation.

.3 Ensure work is coordinated with location of related ceiling components.

.4 Completed suspension system to support super-imposed loads, such as lighting fixtures, diffuser grills and speakers.

.5 Support at light fixtures and diffusers with additional ceiling suspension hangers within 150 mm of each corner, and at a maximum of 600 mm around perimeter of fixture.

.6 Finished ceiling system to be square with adjoining walls and level with 1:1000.

.7 Modify existing adjacent ceiling systems to tie in with new walls. Re-use salavaged components where possible. Provide new components to match as required.

.8 Touch up scratches, abrasions, voids and other defects in painted surfaces.

.9 Turn over spare tiles to owner in the amount of 3% of the new area coverd.

DIVISION 9C FINISHED FLOORING

1. GENERAL

.1 This section covers all floor finishes, including: resilient sheet flooring, luxury vinyl tile (LVT), vinyl base, flash cove, etc., complete with surface preparation.

.2 Provide sample of all materials to Consultant for approval.

.3 Protect existing flooring materials from construction damage. Make good construction damaged flooring at no additional cost to owner. Pre-construction photos will be used to determine construction damage.

2. PRODUCTS

.1 Resilient Sheet Flooring: Expona Flow PUR by Polyflor, or approved equal. With cove base in locations specified. Colour to be selected from standard colour line.
.2 LVT: Expona Control PUR by Polyflor, or approved equal. Colour to be selected from standard colour line.
.3 Rubber Base: Johnsonite Thermoset Rubber 4", or equal, colour to be determined.

3. EXECUTION

.1 Prepare existing floors and subfloors as required for the installation of new flooring, including the removal of small areas of existing ceramic tile on the ground floor (at door and fireplace), and infilling as required.

.2 Floor patching materials to be compatible with wood applications and adhesives.

.3 Vinyl base:
  .1 Install vinyl base including premanufactured corners, using recommended adhesive application. Provide in areas affected by the Work. Ensure that sufficient adhesive is used to properly adhere the edges.
  .2 Clean all surplus adhesive from finished adjacent and base surfaces.

.4 Install all flooring to manufacturer's specifications where shown on drawings and schedules.

DIVISION 9D CERAMIC TILE

1. GENERAL

.1 This section covers ceramic tile wall finishes, complete with surface preparation.

.2 Provide sample of all materials to Consultant for approval.

.3 Protect existing adjacent flooring materials from construction damage.

.4 Base bid tile work to be coordinated with decorative mosaic tile inserts that will be completed under a Cash Allowance.

2. PRODUCTS

.1 Washroom Wall tile: 150 mm x 150 mm gloss finish glazed wall tile. Olympia Colour & Dimension Collection with matching tile base or equal. Colour to be selected from standard colour line.

.2 Aluminum corner profiles: For walls use Schluter RONDEC or equal.

3. EXECUTION

.1 Floor patching materials to be compatible with concrete applications and adhesives.

.2 Install ceramic tile in accordance with the most current version of the Terrazzo, Tile and Marble Association of Canada (TTMAC) Tile Specification Guide.

DIVISION 9E PAINTING

1. GENERAL

.1 Paint all paintable new and existing wall surfaces in the work area as per the finish schedule on the drawings, including all existing walls and doors and frames.

2. PRODUCTS

.1 Paint materials for each formula to be compatible and from same manufacturer. Sheen to be determined for each location.

.2 Colour schedule to be provided by Owner at time of construction. Provide paint draw downs for Owner approval.

3. EXECUTION

.1 Inspect all surfaces to be painted and report defects (projecting nails, drywall spillage, etc.) to general contractor for remedial action.

.2 Fill nail holes with paintable silicone before finishing.

.3 Fill all holes and cracks, spot prime and prep to receive new finishes as scheduled.

.4 Formulae:
New Interior Finishes:

.1 Formula 1: for new plaster, gypsum board walls/ceilings and unpainted concrete ceilings apply:
one coat primer-sealer
two coats latex.

.2 Formula 2: for new wood windows, trim, etc. apply:
one coat enamel undercoat
two coats latex

.3 Formula 3: for primed ferrous metal surfaces apply:
one coat spot priming
one coat enamel undercoat
two coats enamel

.4 Formula 4: for painted concrete floors apply:
one coat epoxy enamel primer
one coat epoxy enamel finish

.5 Formula 5: for concrete block walls apply:
one coat block filler
one coat primer-sealer

one coat latex

.6 Formula 6: Repainting:
one coat of spot primer
one finish coat if new colour is similar to existing, otherwise two coats.

.6 Formula 7: For new wood doors:
one coat of oil based stain (colour to be determined)
three coats of ploy urethane (semi-gloss)

END OF SECTION