
SPECIFICATIONS

**2018-T-27 RENOVATIONS TO
ST. MARY CATHOLIC ELEMENTARY SCHOOL,
CAMPBELLFORD**

FOR

**PETERBOROUGH VICTORIA NORTHUMBERLAND
& CLARINGTON
CATHOLIC DISTRICT SCHOOL BOARD**

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CAT 18001/Specifications

**2018-T-27 RENOVATIONS TO ST. MARY CES, CAMPBELLFORD
PETERBOROUGH VICTORIA NORTHUMBERLAND & CLARINGTON
CATHOLIC DISTRICT SCHOOL BOARD**

TABLE OF CONTENTS

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FOR

**PETERBOROUGH VICTORIA NORTHUMBERLAND
& CLARINGTON
CATHOLIC DISTRICT SCHOOL BOARD**

		<u>Page No.</u>
DIVISION 1	GENERAL REQUIREMENTS	
	01010 SUMMARY OF WORK	4
DIVISION 2	SITE WORK	
	02000 DEMOLITION	5
DIVISION 6	WOOD AND PLASTICS	
	06400 FINISHED CARPENTRY	7
DIVISION 8	DOORS & WINDOWS	
	08100 HOLLOW METAL DOORS & FRAMES	10
	08700 FINISH HARDWARE	12
DIVISION 9	FINISHES	
	09250 GYPSUM WALLBOARD	13
	09510 ACOUSTICAL CEILINGS	16
	09660 RESILIENT FLOORING	19
	09900 PAINTING	22

TABLE OF CONTENTS

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FOR

**PETERBOROUGH VICTORIA NORTHUMBERLAND
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		<u>Page No.</u>
DIVISION 10	SPECIALITIES	
	10100 WHITEBOARDS, TACKBOARDS & EQUIPMENT	25
DIVISION 16	ELECTRICAL	
	Electrical Notes	26
 <u>APPENDIX</u>		
	• Room Finish Schedule	28
	• Door Schedule	30
	• Hardware Schedule	31
	• List of Abbreviations	32

1. **GENERAL**

1.1. The owner is Peterborough Victoria Northumberland & Clarington Catholic District School Board.

1.2. Construction will be reviewed periodically by the Owner and the Architect. The Architect will be the administrator of the contract.

2. **WORK UNDER THIS CONTRACT**

2.1. Generally includes for the following work:

- Removals for new finishes, cabinetry and accessories for 2 classrooms on the second floor including new acoustic tile ceilings/lighting.
- Renovations of existing Principals Office/Health Room to create new Principals Office and General Office/Reception area. Renovation of former General Office area to provide new meeting space. These areas to have new finishes and acoustic tile ceiling/lighting.

END OF SECTION 01010

1. **GENERAL**

- 1.1. Demolition and/or removal means the complete removal of all items and associated work from the site and the making good of all disturbed surfaces affected to acceptable finishes.
- 1.2. Electrical and mechanical demolition for installation of heating, ventilation, and electrical lighting including light fixtures and associated systems is the responsibility of the respective trade under supervision of the general contractor.
- 1.3. Remove existing components as required for installation of new work as noted. Confirm locations of all existing services on site prior to demolition activities.
- 1.4 Remove existing:
 - flooring/base
 - cabinetry/millwork
 - doors/frames
 - fitments
 - acoustic tile ceilings/lighting
 - interior stud and concrete block partitions
 - plumbing fixtures and capping of servicesas per demolition plan

Note: items that will be retained for reinstallation. Existing smart boards/projectors will be removed and reinstalled by owner's forces.

2. **EXECUTION**

- 2.1. Note that work is being performed within an existing building and the contractor is to provide protection of the work and property in accordance with Part 9 of CCDC 2.
- 2.2. Keep access areas to work reasonably clean during work and on completion perform final cleaning as specified.

END OF SECTION 02000

1. **GENERAL**

- 1.1 Conform to General Instructions as applicable.
- 1.2 Millwork includes for new cabinetry as noted on the drawings. Co-ordinate mechanical & electrical service installation with Division 15 & 16
- 1.3 All millwork to A.W. MAC standards.
- 1.4 Site measure to confirm all existing conditions. Submit shop drawings and samples of laminates, door panels, edging & all hardware to Architect for selection prior to ordering.
- 1.5 Warranty all work against manufacturing defects, including warpage or delamination, for a period of five (5) years from substantial performance date. Make good or replace work showing defects in this period, as requested, at no cost to the owner.
- 1.6 Install hollow metal doors and finished hardware as called for on drawings.

2. **MATERIALS**

- 2.1 Finishing Work: Materials used for finish work shall be sound, free from defects that would mar finished appearance, well seasoned and air dried and of good quality for intended purposes. Wood laminates pressure bonded
- 2.2 Birch Veneer Plywood: Select Plain Sliced White Birch Premium Grade 'A' No. 1 Face grade as in compliance with C.S.A. 0115-M1982 with a minimum 5 ply plywood veneer waterproof core, laminate with waterproof adhesive. Plywood shall be good both sides except where concealed by construction. Exposed faces to natural grade per AWMAC. Interior of doors to be classified as exposed. Use ¾" for all shelving, door/drawer fronts, and gables. Use ½" for drawer bottoms & cabinet backs. All exposed edges to have 3/8" thick bull nosed hardwood nosings. All surfaces to be ready for 1 coat stain and 2 coats urethane finish.

- 2.3 All counter tops and counter edges/splashes & window sills covers to be faced with plastic laminate type 1 general purpose. Post form tops with 4" splash as indicated, and laminate all exposed surfaces. Use 3/4" plywood cores typical all locations.
- 2.4 All cabinetry to be frameless type complete with metal drawer slides (both sides) with ball bearings, 120° self closing hinges, and metal d pulls - brushed chrome finish. Use recessed chrome pilasters for shelf support (2 per side typical). Specific list as follows:

PULLS	CBH #255 - C15
HINGES	Blum #95 M5580 full overlay 125°, with appropriate #195 series mounting plate
DOOR BUMPER	Blum #TP1950 adhesive type (2 per door)
ELBOW CATCH	Amerock #3675
SURFACE BOLT	Hafele #252.02.0644 or Stanley 79-3021 with appropriate keeper/strike plate
DOOR	93K7R-14D Best Lockset
PILASTER	K & V #255 ZC
PILASTER CLIP	K & V #256 ZC
COATROD	K & V #770 - 5 CHR
COATROD FLANGES	K & V #764 CHR
COATROD SUPPORT	K & V #1195
COAT HOOKS	940P X 626 Hager or Equal

- 2.5 Doors for Teacher cabinets and vertical storage closets to be hollow core with face veneer sliced yellow birch select grade. Prep and install hardware of 3 hinges FBB168 and locksets as above for each.

3. **EXECUTION**

- 3.1 Include for all finishing work indicated on drawings.
- 3.2 Edge all doors, shelves, drawer fronts etc. in matching bull nosed hardwood trims minimum 3/8" thick. Fasten all work blind using screws and secure to solid blocking/substrate. Finish all exposed cabinetry and doors etc. with minimum 1 coat light stain & 2 coats of urethane, i.e.: natural finish
- 3.3 Co-ordinate work with other finishing trades/ mechanical and electrical trades for installation of services. Note all kicks to receive vinyl base supplied/installed by Division 9.
- 3.4 Installation and assembly work on job shall be executed by skilled trades. Install all work level, plumb, & true in all respects.
- 3.5 Provide smooth surfaces with fastenings sunk and filled over to receive finish. Use draw bolts in counter top joints.
- 3.6 Install all coat hooks and accessories in all locations noted and supplied by Division 10.
- 3.7 Install all door hardware and adjust for smooth operation.
- 3.8 Re-install existing metal convector covers and paint.

END OF SECTION 06400

1. **GENERAL**

- 1.1. Comply with General Requirements Division 01.
- 1.2. Submit shop drawings in accordance with Division 01.
- 1.3. Verify door sizes by site measures to suit existing openings.
- 1.4. Tag frames and doors and deliver to site with identification marks indicating proper locations.
- 1.5. Co-ordinate work of this section with other sections.
- 1.6. Prepare for all hardware – installation by Finished Carpentry Section 06400.

2. **MATERIALS**

- 2.1. Hollow metal door frames shall be fabricated of 18 ga. wipe coat galvanized steel reinforced and welded as manufactured by S.W. Fleming or equal fully insulated at locations called for. Minimum 6 anchors per frame.
- 2.2. Hollow metal doors shall be Type D-18 series as manufactured by S.W. Flemming Ltd., or equivalent, fabricated of 18 ga. wipe coat galvanized steel with no visible seams complete with 16 ga. end channels welded to top and bottom door insulated for exterior doors.
 - Shall be shop primed paste filled and sanded smooth, stiffened, insulation and sound deadened.
 - Shall be mortised, reinforced, drilled and tapped for hardware as scheduled.
- 2.3. Hollow metal screens shall be pre-fabricated from 16 ga. wipe coat galvanized steel in open end sections standard pressed steel sections with glass stops opening to sizes required, equivalent to S.W. Flemming Ltd.
- 2.4. Rated assemblies and sizes as per Door Schedule on drawings.
- 2.5. Rated glazing to be Fire Lite.

3. **EXECUTION**

3.1. Installation of frames and hardware – Doors and Hardware by Division 6.

3.2. Clean up and remove excess material from site.

END OF SECTION 08100

1. **GENERAL**

- 1.1. Comply with General Requirements Division 01.
- 1.2. Submit shop drawings, schedule, and samples in accordance with Division 01 for review prior to ordering materials.
- 1.3. Co-ordinate rough in of Doors & Frames with Section 08100.
- 1.4. Supply all hardware called for to Section 06400 Finished Carpentry for installation. Pack securely and label all material by door location.
- 1.5. Provide 10 year warranty for door closers and 1 year warranty for all other products from date of Substantial Performance.
- 1.6. Note positions indicated for reuse of existing hardware to replacement door positions.

2. **MATERIALS**

See Attached List

3. **EXECUTION**

- 3.1. See attached schedule for mounting heights and locations for rough in. Confirm existing frame hardware locations/sizes prior to ordering to ensure compatibility.
- 3.2. Take inventory of all materials and confirm locations, door swing, and rough in for all points prior to start of installation.
- 3.3. Installation of hardware by Section 06400 Finished Carpentry.

END OF SECTION 08700

1. **GENERAL**

- 1.1. Comply with Requirements of Division 01.
- 1.2. Install work within 1/8" of dimension location and flat within 1/8" maximum in 1/8" and 1/16" maximum in any running 12".
- 1.3. Proceed with work only in areas protected and closed from the elements with temperature above 10 deg. C.
- 1.4. Co-ordinate installation of grilles and light fixtures.

2. **MATERIALS**

- 2.1. Gypsum board: CSA A82.27-M1977 in thickness shown, rated drywall for rated assemblies.
- 2.2. Resilient channels, steel galvanized.
- 2.3. Corner beads steel galvanized, ½ bead.
- 2.4. Screws: self drilling Phillips head, drywall screws #6 x 1" for single thickness.
- 2.5. Bracing channels: cold rolled steel, galvanized.
- 2.6. Furring clips: minimum 1/8" thick, galvanized.
- 2.7. Tie wire: 1/8" thick, soft annealed and galvanized steel wire.
- 2.8. Hangers: galvanized annealed steel wire, 3/32" diameter to support a maximum weight of 150 lbs., 2/16" diameter of 308 ½ lbs., 3/16" diameter galvanized annealed steel rod to support a maximum weight of 550 lbs.
- 2.9. Joint cement, tape, topping compound: as recommended by wallboard manufacturer.

- 2.10 Metal access panels – 2' x 2' hinged, tamper proof non-rated metal access panels with frames.
- 2.11 Metal studs (non load bearing): Galvanized sheet steel, minimum 0.59 mm overall thickness zinc coating Z275 (25gsg) (0.247") screwable with crimped web and returned flange and tabs for security batt insulation in place. Provide knockout openings in web at 6" o.c. to accommodate (if required), horizontal mechanical and electrical service lines, and bracing. Width as shown on drawings.
- 2.12 Floor and Ceiling Partition Track: Galvanized sheet steel minimum 0.50 mm overall thickness zinc coating Z275 (25gsg) (0.247") pre-punched with square holes along center line and with minimum 1 – 1 ¼" legs, top track having longer legs where required to compensate for deflection of structure above. Width to suit metal studs.
- 2.13 Sound insulation – 3 1/2" thick mineral wool by Roxul or equal.

3. **EXECUTION**

- 3.1. Install gypsum board as recommended by Gypsum Association Specification No. GA-216-82 regarding temperature, finishing and methods of installation.
- 3.2. Frame openings and built in equipment with furring, furr in ducts, pipes and dropped beams occurring in finished areas.
- 3.3. Provide for integration of supports of equipment and components, and installation of flush mounted recessed components included in work of other sections only after consultation and verification with them of their requirements.
- 3.4. Framing and furring shown on drawings is indicative, but do not consider it as exact or complete. Construct work to withstand stresses imposed by use without either distortion or dimensional changes. Install wall framing to heights called for and brace all walls with diagonal supports to suit, full height to underside of roof deck for rated assemblies.

- 3.5. Make good drywall at cutouts for services and other work, and where defective. Fill in defective joints, holes and other depressions with joint compound, and ensure that surfaces are smooth and evenly textured to receive finish treatments.
- 3.6. Remove droppings and excessive joint compound from work of this and other sections before it sets.
- 3.7. Clean off beads and other metal trim, and leave all surfaces ready for specified finishes.
- 3.8. Construct framing for bulkheads around ductwork and drywall.
- 3.9. Clean up and remove excess material from site.

END OF SECTION 09250

1. **GENERAL**

- 1.1. Conform to the General Conditions as applicable.
- 1.2. Provide an additional 5% quantity of each acoustic board installed, in sealed and labeled cartons, for owners use, and deliver as directed.
- 1.3. Submit samples of acoustical tile to Architect for approval, prior to ordering.
- 1.4. Deliver materials in their original wrappings or containers with manufacturer's labels and seals intact and store in a dry area under cover and clear ground.
- 1.5. Ship grid members and moulding in rigid crates and avoid damage. Bent or deformed materials will be rejected.

2. **MATERIALS**

- 2.1. Suspension systems: equivalent to C.G.C. ceiling system for 2' x 4' grid assembly.
- 2.2. Basic Steel Material & Finish: Commercial quality cold rolled steel (0.179") (26 ga.) (0.455 mm) thick, galvanized zinc coating designation (G90) Z275. Exposed surface of metal products shall be factory finished with satin white enamel.
- 2.3. Hangers: Minimum .1084" (12 gsg.) overall thickness galvanized to zinc coating designation G90 (Z275).
- 2.4. Main Tees: 12'-0" long, zinc-coated steel, double web design, 1-1/2" web height, 15/16" face width.
- 2.5. Main Tee Splices: Designed to lock lengths of main tees together so that joined lengths of tee function structurally as a single unit tee faces at joint perfectly aligned and presenting a tight seam.

2.6. Cross Tees: 2'-0" and 4'-0" long at 2'-0" o.c., 1" web height structural cross-section design same as main tees, designed to connect at main tees forming positive lock without play, loss or gain in grid dimensions with offset over-ride of face flange over main tee flange to provide flush joint.

2.7. Edge Moulding: M7 wall moulding.

2.8. Tile:

- 2' x 4' x 5/8" medium textured non-directional panels 763 Georgian lay in
- All tiles NRC Range .5 - .55 as manufactured by C.G.C. Ceiling Systems or equal. Frame spread 25, colour white (match existing)

2.9. Tire Wire: 1.20 mm (18 gs.) nominal diameter galvanized soft annealed steel.

2.10. Inserts and Fasteners: Galvanized and of size suited for loading conditions.

3. **EXECUTION**

1.1. Install acoustic ceilings using tradesmen skilled in this class of work, in strict accordance with manufacturer's instructions and as specified herein.

1.2. Neatly and symmetrically fit and run suspended ceiling to true lines, evenly balance in all areas to pattern shown on the Drawings or as directed.

1.3. Centre ceiling system on room axis leaving equal full border tiles. Co-ordinate drywall bulkhead size to allow for full ceiling tiles as per reflected ceiling plan layout.

1.4. Recessed items shall replace or be centred on acoustical panels; except where indicated otherwise. Consult with Mechanical and Electrical Divisions to co-ordinate work. Provide additional supports where required.

- 1.5. Space hangers for suspended ceilings to support the grillage independent of walls, columns, pipes and ducts at maximum 4'-0" centres along the support grillage and not more than 6" from ends. Attach hangers to the overhead structure by hanger clips. Bend top of hangers at right angles, turn down and securely fasten. Turn bottom of hangers upwards and securely wrap three times.
- 1.6. Provide written conformations to Divisions 15 and 16, when requested by the Architect, that the suspended ceiling is capable to supporting the additional weight of mechanical and electrical fixtures required by Divisions 15 and 16.
- 1.7. Run main tees right angles to length of light fixtures.
- 1.8. Space main tees 4'-0" in one direction and securely tie to hangers.
- 1.9. Space cross tees 2'-0" o.c. at right angles to the main tees and properly lock at intersections.
- 1.10. Level the suspended systems with a maximum tolerance of 0.18" over 12'-0".
- 1.11. Use the longest practical lengths of tees, furring and running channels to minimize joints. Make joints square, tight, flush and reinforced with concealed splines. Assemble framework to form a rigid interlocking system.
- 1.12. Design suspension system to accommodate movement caused by thermal expansion or contraction.
- 1.13. Design and space hangers and carrying members to support the entire ceiling system, including lighting fixtures, diffusers and equipment openings in locations shown on drawings.
- 1.14. Use edge moulding where ceiling abuts vertical surface and bulkheads.

END OF SECTION 09510

1. **GENERAL**

- 1.1. Comply with requirements of Division 01.
- 1.2. Submit full size sample tiles.
- 1.3. At completion of work deliver to Owner 2% of the quantity installed of each flooring material, in each colour and pattern and in labelled packages.
- 1.4. Maintenance Instructions: Submit cleaning, waxing and finishing instructions for each installed material to Contractor for his information in final cleaning and waxing and later submission to Owner.
- 1.5. Proceed with floor laying only when surfaces, materials and air temperatures have been maintained between 21 and 32 deg. C. for 72 hours preceding installation, and will be so maintained during installation for 7 days following.
- 1.6. Barricade areas where flooring is completed and otherwise protect newly installed flooring until adhesive has set.
- 1.7. After flooring has set, and until project completion, co-ordinate work to ensure that floors are not damaged by traffic. Ensure that flooring is not subjected to any static loading during the week following installation.

2. **MATERIALS**

- 2.1. Flooring (MCT): To be 2.0 mm thick 13.1" x 13.1" Forbo or equivalent. Colour to be chosen later from manufacturer's standard line. Provide material from same production run for one area, and from same manufacturer for entire project.
- 2.2. Resilient Base: Coved bottom, ¼" thick, 6" high, by Johnsonite Industries Limited or as approved by Architect, in colours selected by Architect from manufacturer's standard range.

-
- 2.3 Transition strips metal with colour matched vinyl strip.
 - 2.4 Primer and Adhesive: As recommended by flooring manufacturer for each subfloor condition.
 - 2.5 Cleaner: Neutral chemical compound that will not damage tile or affect its colour.

3. EXECUTION

- 3.1. Remove existing flooring/base and examine subfloor to ensure that moisture content is not in excess of maximum limit specified by adhesive manufacturer, and that surfaces and environmental conditions are satisfactory. Defective work resulting from unsatisfactory surfaces or conditions will be considered the responsibility of those performing the work of this section.
- 3.2. Determine types of curing agents and sealers applied in finishing concrete slabs, and their compatibility with flooring adhesives intended for use. Adopt methods required, including complete removal if necessary, to ensure that bond of adhesive is not impaired.
- 3.3. Remove dusting and caulking from concrete subfloors with wire brushes, and prime.
- 3.4. Clean subfloor to remove soil and deposits which would lessen adhesive bonding, and foreign materials which would telegraph through flooring. Fill joints, cracks and holes, and level irregularities with filler.
- 3.5. Prime subfloor as recommended by adhesive manufacturer and allow to dry..
- 3.6. Apply adhesive in an even coat over entire subfloor area with notched trowels, and lay tile before it sets. Do not lay flooring over hardened adhesive.

- 3.7. Install tile laid out with continuous joints parallel to minor axis of rooms and joints parallel to major axis half staggered, with grain of adjacent tile parallel, and with no tiles less than half size unless minor room irregularities make this impossible. Distribute tiles of varying pattern, colour and texture over floor areas to ensure an evenly blended appearance. Do not lay tile having pattern, colour or texture in marked contrast with other tile, form tapers by sanding backs of tiles at junctions with thinner finish flooring to flush up surfaces. Use waterproof adhesive on slabs on grade and in washrooms, janitor rooms, and similar areas subjected to frequent floor scrubbing.
- 3.8. Butt joints closely and cut and fit flooring around door frames, openings in floor and at heavy equipment bases.
- 3.9. Install bases in lengths as long as possible, not in runs made up of short lengths. Cut and mitre internal corners and provide preformed external corners, and accurately scribe around door frames, openings and similar wall breaks. In areas where bases are indicated, install them also on columns and fitments within the area.
- 3.10. Clean off excess adhesive before it sets. Clean flooring no sooner than 48 hours following installation. Use floor cleaner where required.

END OF SECTION 09660

1. **GENERAL**

- 1.1. Comply with General Requirements Division 01.
- 1.2. Meet standards specified in Architectural Painting Specification Manual, Ontario Edition published by the Canadian Painters Contractor's Association.
- 1.3. Submit samples of each specified paint, colour and wood finish.
- 1.4. Submit list of all materials, manufacturer catalogue numbers, etc.
- 1.5. Deliver to Owner on completion of work, one quart of each colour, clearly labeled.
- 1.6. Cover or make surfaces adjacent to those being finished and protect work of others from damage and/or paint spills.
- 1.7. Repainting of existing repaired surfaces shall extend to closest edge(s) if proper match not obtainable.

2. **MATERIALS**

- 2.1. Manufacturers approved for supply of materials are:
 - Canadian Industries Ltd. (CIL)
 - Dulux
 - Pratt & Lambert Inc.
 - Canadian Pittsburgh Industries Ltd.
 - Benjamin Moore
 - Glidden

2.2. Supply only the best quality material for each specified line.

2.3. Materials used shall meet or exceed CGSB Specifications.

3. **EXECUTION**

3.1. Examine surfaces prior to application for moisture content and acid alkali balance. Acceptance of surfaces signifies responsibility for finished products.

3.2. Clean all surfaces and remove foreign materials, fill cracks, holes and depression and smooth for finish.

3.3. Paint piping, conduit, grilles, duct work exposed to view to match background colour.

3.4. Patch, repair and paint all new duct penetrations. Paint all new and existing concrete block, metal deck/joists, ductwork, doors and frames.

3.5. Colours will be provided by Architect upon award of contract.

3.6. Finishes:

Interior Metal Work

- 1 coat primer
- 2 coats of acrylic latex semi-gloss finish

Interior New Painted Drywall

- 1 coat of latex sealer
- 2 coats of acrylic latex eggshell finish
(corridor drywall Bulkhead)

Interior Existing Painted Drywall

- 2 coats of acrylic latex eggshell finish

Interior New Painted Concrete Block

- 1 coat of Moorcraft block filler or equal
- 2 coats of acrylic latex eggshell finish

Interior Existing Concrete Block

- 1 coat of X-per 250 Gripper
- 2 coats of acrylic latex eggshell finish

3.7. Clean-Up

- 3.7.1. Clean up daily. All paint rags, empty cans shall be removed from the site upon completion of each day's work. Upon Total Completion provide total clean up.

END OF SECTION 09900

1. **GENERAL**

- 1.1 Conform to General Instructions as applicable.
- 1.2 Submit shop drawings for review prior to fabrication.
- 1.3 Supply to Division 6 for installation.

2. **MATERIALS**

- 2.1 Whiteboards & Tackboards - based on Architectural School Products or equal - to sizes noted on drawings.

Whiteboards: shall be ASP Porcelain writing surface e3 ceramicsteel 11 mm thick impregnated sound absorbing fibreboard core with 28 gauge zinc coated steel back sheet. Sandwich panel shall be factory laminated under pressure using waterproof adhesive. Use 14 gauge x 25 mm wide steel splines and extruded PVC slotted inserts at joints to ensure closely aligned seams.

Tackboards: shall be 6mm natural cork, tan in colour, factory laminated under heat and pressure to 6mm particleboard.

3. **EXECUTION**

- 3.1 Install all equipment as above in locations as noted on drawings level and securely to substrates strictly in accordance with the manufacturer's recommendations.

END OF SECTION 10100

ELECTRICAL NOTES**1. WIRING**

- Use materials and methods approved by the Ontario Electrical Code for use in non-combustible construction.
- All building wire to be copper type RW90-XLPE.
- Use minimum of #12 AWG for branch circuit wiring.
- Use armoured cable type AC90 (BX) in concealed wall and ceiling cavities.

2. PERMITS

- Submit to ESA necessary drawings/specifications for examination prior to start of work and pay associated fees.

3. SHOP DRAWINGS

- Provide 6 copies of data sheets for all products for review prior to ordering.

4. OCCUPANCY SENSORS & POWER PACKS

- All sensors to be capable of operating normally with LED lighting as specified.
- Coverage of sensors shall remain constant after sensitivity has been set and be mounted to minimize coverage in unwanted areas.
- All sensors shall have readily accessible user adjustable settings for time/delay sensitivity and be located on the sensor (recessed) with LED indicating movement is detected.
- Use both passive infrared and ultrasonic technologies for detection.
- Provide line voltage bypass switch in ceiling space directly above each sensor.

5. SYSTEMS DEMONSTRATION

- Provide demonstration of each system to owner after final inspection.
- Instruct personnel in operation adjustment and maintenance of equipment systems.

See drawings for fixture information.

6. MANUALS & AS-BUILT DRAWINGS

- Provide 2 copies of warranties, certificates of ESA inspection, fire alarm verification report, and all product information along with 2 copies of as-built drawings marked up in red. See drawings for fixture types.

APPENDIX

RENOVATIONS TO ST. MARY CES, CAMPBELLFORD							Wilcox Architects Inc. May 2018					
<u>ROOM FINISH SCHEDULE</u>												
Page 1 of 2												
		WALLS					FLOOR & BASE			CEILING		
Rm. No.	Room Name	North	East	South	West	Comments	Floor	Base	Comments	Type	Fin.	Comments
							MT = Marmoleum Tile ALL FLOOR NEW UON			ALL CEILING NEW UON		
216	NEW PRINCIPALS OFFICE	EX CB/PT	EX CB/PT	EX DW/PT	NEW CB/PT	PT CONVECTOR	MT	V	-----	AT	---	8'-6"
216A	NEW GENERAL OFFICE	EX CB/PT	NEW DW/PT	EX CB/PT	EX CB/PT	PT CONVECTOR	MT	V	-----	AT	---	8'-6"
216B	EX W/C	EX CB/PT	EX CB/PT	EX CB/PT	EX CB/PT	-----	---	---	-----	AT	---	8'-6"
218	NEW MEETING ROOM	EX CB/PT	EX CB/PT	EX CB/NEW DW/PT	NEW DW/PT	-----	MT	V	-----	AT	---	8'-6"

APPENDIX

RENOVATIONS TO ST. MARY CES, CAMPBELLFORD							Wilcox Architects Inc. May 2018					
<u>ROOM FINISH SCHEDULE</u>												
		WALLS					FLOOR & BASE			CEILING		
		North	East	South	West	Comments	Floor	Base	Comments	Type	Fin.	Comments
Rm. No.	Room Name											
---	EX CORR	---	NEW DW/PT	---	---	-----	----	----	----	----	----	-----
217	EX CORR	EX NEW DW/PT	---	---	---	PT AT WALL INFILL	---	----	----	----	---	-----

HARDWARE LIST**Door #1 – Corridor 217 to New Meeting Room**

1	Lever Classroom Lockset	28 X 10G37 X LL X 626	
3	Hinges	FBB168 114 X 101	C15
1	Closer	4041 X 689	
1	Floor Stop	6 SH 218	
1	ASA Cylinder	6673 X 626	

Door #2 – New General Office to New Principals Office

1	Lever Classroom Lockset	28 X 10G37 X LL X 626	
3	Hinges	FBB168 114 X 101	C15
1	Floor Stop	6 SH 218	
1	ASA Cylinder	6673 X 626	

Door #3 – Corridor 217 to New General Office

1	Lever Classroom Lockset	28 X 10G37 X LL X 626	
3	Hinges	FBB168 114 X 101	C15
1	Closer	4041 X 689	
1	Floor Stop	6 SH 218	
1	ASA Cylinder	6673 X 626	

Supply locksets with LA construction cylinders to be installed by the contractor. Supply ASSA cylinders to owner directly keyed to owner's master key system for installation later by owners.

APPENDIX LIST OF ABBREVIATIONS

Wilcox Architects Inc.
Page 1 of 4

A	ARC	ADJ	Adjustable
AB	Air Barrier	AL, ALUM	Aluminum
ABV	Above	ARCH	Architectural
A.C.	Air Condition	A.T.	Acoustic Tile
BL, BLK.	Block	BR ANOD	Bronze Anodized
BLDG	Building	B/S	Both Sides
BLKHD.	Bulkhead	BTM, B/	Bottom Of
BLW	Below	B.U.R.	Built-Up Roof
BM.	Beam, Beams		
CAB.	Cabinet	COL	Column
CABS	Cabinets	CONC.	Concrete
CAR	Carpet	CONT.	Continuous
C.B.	Catch Basin	CRS	Course
CB	Concrete Block	CS	Concrete Slab
CCS	Clear Concrete Sealer	CT	Ceramic Tile
CLF	Chain Link Fence	CTNG	Coating
CLG	Ceiling	CTOP	Counter Top
CLOS	Closet	C/W	Complete With
CNR	Corner		
D.C.	Display Case	DN	Down
DIA	Diameter	DR	Door
D/G	Double Glazed	DW	Drywall
E	East	EQ	Equal
EL	Elevation	E/S	Each Side
ELEC,ELEC'L	Electrical	EX., EXIST	Existing
ELEV	Elevator	EXT.	Exterior
ENCL	Enclosed		

APPENDIX
LIST OF ABBREVIATIONS

Wilcox Architects Inc.
Page 2 of 4

F	Female	FIN	Finish
FD	Floor Drain	FL	Floor
FND	Foundation	FLS	Flood Lights
F.E.	Fire Extinguisher	F.P.	Fire Protection
FFL	Finish Floor Level	FR.	Frame
F/G	Fixed Glazing	F.R.	Fire Rated; Fire Rating
F.H.	Fire Hydrant	FTG.	Footing
GALV.	Galvanized	GR	Grade
GL	Glazing	GWG	Georgian Wired Glass
H.C.	Handicap	HORIZ	Horizontal
HD	Head	H.P.	Hydro Pole
HDWRE	Hardware	HR	Hour
H.M.	Hollow Metal	HT, HGT.	Height
H.O.	Hold Open	HTR.	Heater
ID	Inside Diameter	INSUL	Insulation
INC/	Including	INT.	Interior
IND	Indicates	I/S	Inside
INFO	Information		
J	Joist		
LBL	Label		
LOC	Location		
LWR	Lower		

APPENDIX
LIST OF ABBREVIATIONS

Wilcox Architects Inc.
Page 3 of 4

M	Male	MIR	Mirror
MANF	Manufacture	M.L.B.	Micro-Lam-Beam
MAT.	Material	MT	Minute
MAX	Maximum	MTD	Mounted
MECH,MECH'L	Mechanical	MTL	Metal
M.H.	Manhole	M.U.A.	Make-Up-Air
MIN	Minimum		Mechanical Unit
N.	North	N.I.C.	Not In Contract
OA	Overall	OH	Overhead
O.B.C.	Ontario Building Code	OPNG	Opening
O/H	Overhang	O.S.	Over Size
PART'N	Partition	POL.	Polethylene
P.C.	Pre-Cast	PR	Pair Prefinished
PL	Plate	PREFORM	Preformed
P.LAM	Plastic Laminate	P.T.	Pressure Treated
PLY, PLYWD	Plywood	PT	Paint
R	Radius	REF.	Reference
R.D.	Roof Drain	REV	Reversed
REF	Refrigerator	R.S.O.	Rough Stud Opening
REQ'D	Required	R & S	Rod and Shelf
RES	Resistance	R.W.L.	Rain Water Leader

APPENDIX
LIST OF ABBREVIATIONS

Wilcox Architects Inc.
Page 4 of 4

S	South	S.P.	Splash Pad
S.A.B.	Sound Attenuation Blanket	S.P.M.	Single Ply Membrane
SAN.	Sanitary	S.S.	Stop Sink
SC	Solid Core	ST	Stain
SCR	Screen	STD	Standard
SEP	Separation	STL	Steel
S/G	Single Glazing	STR	Stringers
SHLVS	Shelves	STRUCT'L	Structural
SHTG	Sheating	ST.S	Storm Sewer
S.O.G.	Slab On Grade		
T/	Top Of	T.T.	Terrazo Tile
T.B.	Thermal Broken	T. & WD	Towel & Waste Disposal
T. & B.	Top And Bottom		
TEX	Textured	TYP	Typical
T. & G.	Tongue & Groove		
U/C	Under Counter	UPR	Upper
U.O.N.	Unless Otherwise Noted	U/S	Underside
V.	Vinyl	VERT	Vertical
VAL	Valance	V.T.	Vinyl Tile
VAN	Vanity	V.W.C.	Vinyl Wallcovering
V.B.	Vapour Barrier		
W/	With	WIN	Window
W.C.	Water Closet	W.F.	Wood Fibre
WD	Wood	W.V.	Water Valve

CAT 18001/Specifications