

ADDENDUM 01

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Project Massey Centre Child Care Renovation
1102 Broadview Avenue, Toronto

Date: 09 August, 2019

Total pages Including cover: 8

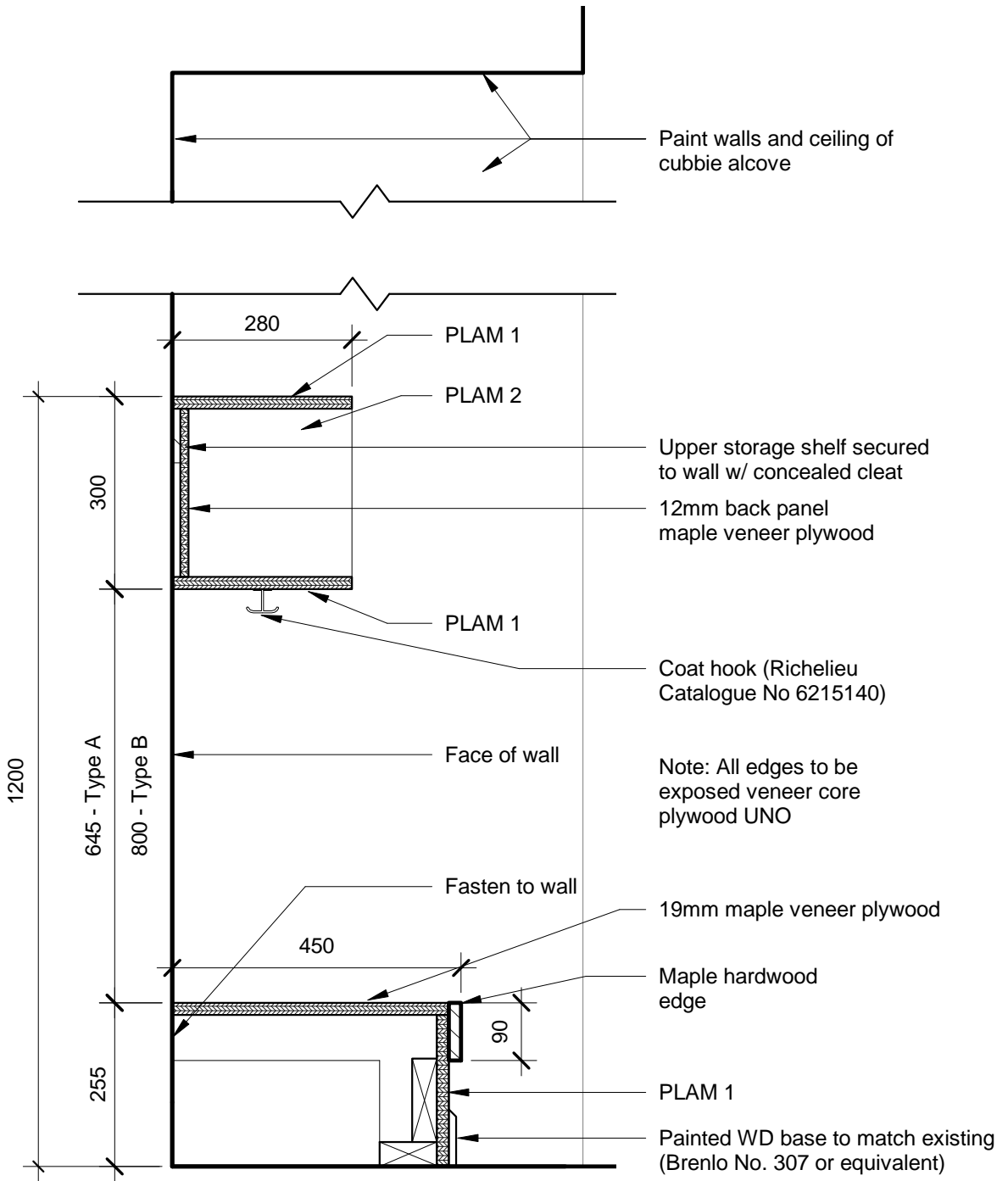
The following changes, additions, deletions and clarifications are hereby made an integral part of the documents, including the drawings and specifications for the above project.

Item	Description
1.01	Refer to attached specification section 09960 Textured Acrylic Finishes.
1.02	Refer to attached sketch AD.01 for revised detail at Typical Cubbies alcove updating to including wood base and painting of walls and bulkhead.
1.03	Demolish existing wood base throughout in Preschool Room 201 and install new wood base (Brenlo No. 307 or equivalent).
1.04	Refer to attached revised list of Washroom Accessories. Revision includes deleting the automatic hand dryer in BF WC 105.
1.05	Revise door hardware on door D120. Add interior and exterior finger guards: USA Finger Safe MK1B x Height (Exterior) x Finish USA Finger Safe MK1A x Height (Interior) x Finish

End of Addendum 01

Washroom Accessories

<u>Type</u>	<u>Model/Series</u>	<u>Description</u>
W1	Bobrick B-211	Coat Hook (qty = 1)
W2	Dyson Airblade V HU02	Sprayed nickel finish, surface mounted hand dryer, ADA compliant, 120V REPLACE WITH W9
W3	Soap Dispenser	Owner supplied, contractor installed
W4	Bobrick B-293 180	18"x30" Angled Mirror (qty = 1)
W5	Straight grab bar	Reuse existing
W6	Bobrick B-5898.99	30"x30" 90-degree grab bar, SS peened finish, concealed mounting snap flange, 1 per accessible toilet (qty = 1)
W7	Bobrick B-165 1824	18"x24" Mirror, tempered glass, 1 per washroom lavatory and/or as shown on drawings (qty = 2)
W8	Bobrick B-2892	Twin Jumbo Roll Toilet Paper Dispenser in (qty =1)
W8a	Bobrick B-6867	Double Roll Toilet Paper Dispensers (qty = 2)
W9	Bobrick B-2620	Paper Towel Dispenser (qty = 4)
W10	Bobrick B-270	Napkin Disposal (qty = 1)
W11	Bobrick B-279	Surface Mounted Waste Receptacle (qty = 3)



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DATE	ISSUE/REVISION
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Massey Centre Child Care Renovation

1102 Broadview Ave.
East York, ON M4K 2S5

Typical Cubbie

Scale: 1 : 10
Drawn by: Author
Checked by: Checker
Date: 2019-08-09

1.0 - GENERAL

1.1 References

- .1 ASTM B 117 (Federal Test Standard 141A Method 6061) Standard Practice for Operating Salt Spray (Fog) Apparatus.
- .2 ASTM C 67 Test Method for Sampling and Testing Brick and Structural Tile.
- .3 ASTM C 150 Standard Specification for Portland Cement.
- .4 ASTM C 297 Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions.
- .5 ASTM D 968 (Federal Test Standard 141A Method 6191) Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive.
- .6 ASTM D 2247 (Federal Test Standard 141A Method 6201) Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity.
- .7 ASTM D 3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber.
- .8 ASTM D 4060 Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser.
- .9 ASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials.
- .10 ASTM E 96 Standard Test Method for Water Vapor Transmission of Materials
- .11 ASTM E 331 Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.
- .12 ASTM G 154 Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials
- .13 ASTM G 155 (Federal Test Standard 141A Method 6151) Standard Practice for Operating-Xenon Arc Light Apparatus, for Exposure of Nonmetallic Materials.
- .14 DSC152, Dryvit Cleaning and Recoating.
- .15 DSC153, Expansion Joints/Sealants.
- .16 DSC159, Dryvit Water Vapor Transmission.
- .17 DSC204, Dryvit Outsulation® System Application Instructions.
- .18 DSC456, Rapidry DM™ 35-50 or DSC457, Rapidry DM™ 50-75 Data Sheets.
- .19 EIMA Method 101.01 Standard Test Method for Freeze/Thaw Resistance of Exterior Insulation Finish Systems (EIFS), Class PB.
- .20 EIMA Method 101.86 Standard Test Method for Resistance of Exterior Insulation Finish Systems (EIFS), Class PB to the Effects of Rapid Deformation (Impact).

1.2 Description

- .1 Textured Acrylic Exterior architectural coatings (TAFS) consisting of a base coat, reinforcing mesh, acrylic primer and acrylic finish applied to various substrates.
- .2 Design Requirements
 - .1 Acceptable surfaces for Textured Acrylic Finishes include:
 - .1 Poured-in-place and precast concrete.
 - .2 Unglazed brick and masonry units.
 - .3 Cement plaster.
 - .2 Deflection of substrate systems shall not exceed 1/240 times the span.
 - .3 Substrate systems shall be designed to meet all local building code requirements and shall be approved for use on this project.
 - .4 Vapor Retarders – The use and location of vapor retarders within a wall assembly is the responsibility of the project designer and shall comply with local building code requirements. The type and location shall be noted on the project drawings and specifications. Vapor retarders may be inappropriate in certain areas and can result in condensation within the wall assembly. Refer to Dryvit Publication DSC159 for additional information.
 - .5 Projecting surfaces shall have a minimum slope of 6:12 and maximum length of 305 mm (12 in).

- .6 The substrate shall be clean, smooth, planar and free of surface imperfections that would interfere with application of a surface coating
- .7 TAFS shall be terminated a minimum of 200 mm (8 in) above finished grade.
- .9 Sealants
 - .1 Shall be manufactured and supplied by others and shall be compatible with TAFS materials (refer to manufacturers written material for listing of acceptable sealants).
 - .2 The sealant backer rod shall be closed cell.
- .3 Performance Requirements
 - .1 Durability
 - Abrasion Resistance - ASTM C 968
 - Accelerated Weathering - ASTM G55 Cycle 1, ASTM G 154 Cycle 1 (QUV)
 - Freeze Thaw – EIMA 101.01, ASTM C 67 modified, ICC ES Procedure
 - Mildew Resistance – ASTM D 3273
 - Moisture Resistance – ASTM D 2247
 - Taber Abrasion – ASTM D 4060
 - Salt Spray Resistance – ASTM B 117
 - Water Penetration – ASTM E 331, ICC ES AC219
 - Alkali Resistance of Reinforcing Mesh – ASTM E 2098
 - Water Vapour Transmission – ASTM E 96
 - .2 Impact Resistance: in accordance with EIMA Standard 101.86
 - .3 Fire Performance: Flame Spread – ASTM E 86
- 1.3 Shop Drawings
 - .1 Submit Shop Drawings in accordance with Section 01330 - Submittal Procedures.
 - .2 Include the product data sheets describing the products which will be used on the project.
- 1.4 Samples
 - .1 Provide 2 samples of each finish, texture, and colour to be used on the project. The same tools and techniques proposed for the actual installation shall be used to prepare the samples. Samples shall be of sufficient size to accurately represent each colour and texture to be used.
- 1.5 Qualifications
 - .1 Materials shall be manufactured at a facility covered by a current ISO 9001:2000 certification. Certification of the facility shall be done by a registrar accredited by the American National Standards Institute, Registrar Accreditation Board (ANSI-RAB).
 - .2 Contractor: Shall be knowledgeable in the installation of the materials and shall be experienced and competent in the application of TAFS.
- 1.6 Delivery, Storage, and Handling
 - .1 All materials shall be delivered to the job site in the original, unopened packages with labels intact.
 - .2 Upon arrival, materials shall be inspected for physical damage, freezing, or overheating. Questionable materials shall not be used.
 - 1. Materials shall be stored at the job site in a cool, dry location, out of direct sunlight, protected from weather and other sources of damage. Minimum storage temperature shall be as follows:
 - a. DPR, PMR™, and Genesis: 4 °C (40 °F)
 - b. For other products, refer to specific product data sheet.
 - 2. Maximum storage temperature shall not exceed 38 °C (100 °F).

NOTE: Minimize exposure of materials to temperatures over 32 °C (90 °F). Finishes exposed to temperatures over 43 °C (110 °F) for even short periods may exhibit skinning, increased viscosity and should be inspected prior to use.

- .3 Protect all products from inclement weather and direct sunlight.

1.7 Project Conditions

.1 Environmental Requirements

- .1 Application of wet materials shall not take place during inclement weather unless appropriate protection is provided. Protect materials from inclement weather until they are completely dry.
- .2 At the time of application, the minimum air and wall surface temperatures shall be as stipulated by manufacturers written product literature.
- .3 These temperatures shall be maintained, with adequate air ventilation and circulation, for a minimum of 24-48 hours (per manufacturer requirements) thereafter, or until the products are completely dry. Refer to published product data sheets for more specific information.

- .2 Existing Conditions: The contractor shall have access to electric power, clean water, and a clean work area at the location where the materials are to be applied.

1.8 Sequencing and Scheduling

- .1 Installation of TAFS shall be coordinated with other construction trades.
- .2 Sufficient manpower and equipment shall be employed to ensure a continuous operation, free of cold joints, scaffold lines, texture variations, etc.

1.9 Limited Materials Warranty

- .1 TAFS manufacturer shall provide a written, 10-year limited materials warranty against defective materials, upon written request.
- .2 The applicator shall warrant workmanship separately for 10-years.

1.10 Maintenance

- .1 Maintenance and repair shall follow the procedures noted in TAFS manufacturers written requirements.

2.0 – PRODUCTS

2.1 Manufacturer

- .1 All TAFS components shall be obtained from a single manufacturer or its authorized distributors. Substitutions or additions of materials other than specified will void the warranty.

2.2 Materials

- .1 Portland Cement: Shall be Type I or II, meeting ASTM C 150, white or gray in color, fresh and free of lumps.
- .2 Water: Shall be clean and free of foreign matter.

2.3 Components

- .1 Base Coat: fibre-reinforced, 100% acrylic-modified product which, is mixed in a 1 to 1 ratio by weight with Portland cement, and shall be compatible with the substrate and reinforcing mesh(es).
 - .1 Acceptable product: Genesis as manufactured by Dryvit, or equivalent per Section 01250
- .2 Reinforcing Mesh: Shall be a balanced open weave, alkaline resistant treated glass fiber fabric, compatible with other TAFS materials.
 - .1 Acceptable product: Standard Mesh (4.3 oz)
- .3 Primers and Adhesion Promoter: Water based pigmented acrylic primer with sand to improve adhesion and uniformity of finish color as well as application of trowel-applied finishes.

- .1 Acceptable product: Color Prime by Dryvit or equivalent per Section 01250.
- .4 Finish Coat: premixed 100% acrylic-based coating
 - .1 Acceptable Product: DPR Finish by Dryvit or equivalent per Section 01250.
 - .2 Texture: to match existing
 - .3 Colour: to match existing (allow for 2 colours).

3.0 - EXECUTION

3.1 Examination

- .1 Prior to application of TAFS, the contractor shall confirm that the substrate is of a type listed in Section 1.2.2.1.
- .2 Prior to the installation of TAFS, the general contractor shall insure that all needed flashings and other waterproofing details have been completed, if such completion is required prior to the application of TAFS.
- .3 The contractor shall notify the Consultant of any discrepancies. Work shall not proceed until discrepancies have been corrected.

3.2 Surface Preparation

- .1 The substrates shall be prepared so as to be free of foreign materials such as oil, dust, dirt, form-release agents, efflorescence, paint, wax, water repellents, moisture, frost and any other materials that inhibit adhesion. The existing loose stucco finish is to be scraped off and the surface power washed. Ensure existing cement base coat / wire lathe is secured to substrate.
- .2 Cement Plaster
 - .1 Plaster shall be dry and cured a minimum of 28 days.
 - .2 Plaster shall be floated using a wood or hard rubber float to ensure a surface with adequate "tooth" for the finish application. **NOTE: Floating to an excessively smooth surface is not recommended and may result in cracking or poor adhesion of the finish coat.**

3.3 Installation

- .1 The TFS materials shall be mixed and applied in accordance with current manufacturers printed product data sheets.
- .2 Masonry Surfaces
 - .1 Apply a continuous layer of base coat mixture over the entire wall surface to fill voids and provide a smooth level base for primer and finish application. Application thickness shall not exceed 3 mm (1/8 in) in a single pass.
 - .2 When specified, a layer of reinforcing mesh is embedded into the wet base coat mixture and troweled smooth.
 - .3 Allow the base coat mixture to cure a minimum of 24 hours until completely dry. Cool, humid conditions may require longer cure times.
 - .4 Using a brush, roller, or airless spray equipment, apply a coat of Primer over the dry base coat surface, and allow to dry.
 - .5 Apply the specified finish in accordance with manufacturers printed installation instructions.
- .2 Cement Plaster, Poured in Place and Precast Concrete Surfaces

- .1 When specified, apply a continuous layer of base coat over the entire wall surface to fill small voids and provide a smooth level base for primer and finish application. Application thickness shall not exceed 3 mm (1/8 in) in a single pass.
 - .2 When specified, a layer of reinforcing mesh is embedded into the wet base coat mixture and troweled smooth.
 - .3 Allow the base coat to cure a minimum of 24 hours until completely dry. Cool, humid conditions may require longer cure times.
 - .4 Using a brush, roller, or airless spray equipment, apply a coat of Primer over the dry base coat surface, and allow to dry.
 - .5 Apply the specified finish in accordance with manufacturers printed installation instructions.
- .3 When specified, the base coat shall be applied such that the overall minimum thickness shall be sufficient to fully embed the mesh. The recommended method is to apply the base coat in two (2) passes.
 - .4 Sealant shall not be applied directly to textured finishes or base coat surfaces. Base coat surfaces which will be in direct contact with sealant shall be coated with primer.

3.4 Field Quality Control

- .1 The contractor shall be responsible for the proper application of TAFS.
- .2 The contractor shall certify in writing the quality of work performed relative to the substrate system, details, installation procedures, workmanship and as to the specific products used.

3.5 Cleaning

- .1 All excess materials shall be removed from the job site by the contractor in accordance with contract provisions and as required by applicable law.
- .2 All surrounding areas, where TAFS have been installed, shall be left free of debris and foreign substances resulting from the contractor's work.

3.6 Protection

- .1 TAFS shall be protected from weather and other sources of damage until dry and permanent protection in the form of flashings, sealants, etc. are installed.

END OF SECTION