HWDSB

2026-138-P02211
RFT Yorkview Elementary School Gym Renovation

Addendum 2

Issued April 21, 2026

The following information changes the competitive process documents issued on April 10, 2026.

GENERAL INFORMATION

Item 1: See 'Addendum 1' dated April 16, 2026 issued by Jason Fung Architect Inc. (10 pages).

End of Addendum 2

Addendum No. 01

JASON FUNG ARCHITECT INC.
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647 948 9176

Project:	Yorkview Elementary School Gym Renovation
Project Number:	2026-138-P02211
Date:	2026-04-16
Owner:	Hamilton Wentworth District School Board

The following addendum shall be incorporated into the Contract Documents.

General Information:

1. Remove and replace A0.02 with attached revised drawing A0.02 in '*2026-138-P02211 Drawings'.*

2. Remove and replace Section 09 65 66 – Resilient Athletic Flooring with attached revised Section 09 65 66 – Resilient Athletic Flooring in '*2026-138-P02211 Specifications*'.

END OF ADDENDUM No. 01

EQUIPMENT SCHEDULE

TAG	DESCRIPTION	MANUFACTURER *	MODEL	NOTES **
EQ1	CEILING SUSPENDED FRONT FOLDING FRONT BRACED BACKSTOP	GYMNASIUM & HEALTH EQUIPMENT LTD	BB-17C	C/W ELECTRIC WINCH (TW-2000), HEIGHT ADJUSTABLE BACKBOARD (BB-3), TEMPERED GLASS BACKBOARD (BB-29-RG2), CUSHION EDGE PADDING COLOUR TBD (BB-44A), BREAKAWAY GOAL (BB-33) WITH NYLON NET (BB-41)
EQ2	WALL MOUNTED SIDE SWING BACKSTOP	GYMNASIUM & HEALTH EQUIPMENT LTD	BB-10RG	C/W MANUAL WINCH (TW-700), HEIGHT ADJUSTABLE BACKBOARD (BB-3), TEMPERED GLASS BACKBOARD (BB-29-RG2), CUSHION EDGE PADDING COLOUR TBD (BB-44A), BREAKAWAY GOAL (BB-33) WITH NYLON NET (BB-41)
EQ3	EXISTING WALL MOUNTED BACKSTOP	-	-	REUSE EXISTING BACKSTOPS
EQ4	VERTICAL PLATFORM CHAIR LIFT w/ AUTO HALF GATE	GARAVENTA LIFT	GENESIS OPAL	REFER TO SPECIFICATIONS, COORDINATE WITH ELECTRICAL AND STRUCTURAL
EQ5	WALL MOUNT MOTORIZED PROJECTION SCREEN	DRAPER INC	TARGA XL	16:10 FORMAT (105 X 168), STANDARD BLACK MASKING BORDERS WITH ADDITIONAL BLACK DROPDOWN SCREEN AS NECESSARY, COORDINATE WITH ELECTRICAL
EQ6	BADMINTON POST	GYMNASIUM & HEALTH EQUIPMENT LTD	BN-93B	REFER TO SPECIFICATIONS
EQ7	VOLLEYBALL POST	GYMNASIUM & HEALTH EQUIPMENT LTD	VB-92P	REFER TO SPECIFICATIONS
EQ8	FIXED FLOOR SOCKET	GYMNASIUM & HEALTH EQUIPMENT LTD	FS-2	C/W AD-93BAB ADAPTER BUSHING FOR BADMINTON POSTS
EQ9	PA SPEAKER	TBD	TBD	COORDINATE WITH ELECTRICAL
EQ9b	EXISTING PA SPEAKER	-	-	RELOCATE EXISTING STAGE PA SPEAKER
EQ10	MOTORIZED WINDOW BLACKOUT ROLLER SHADES	LEGRAND	SPEC SERIES FASCIA SHADE SYSTEM	REFER TO SPECIFICATIONS, COORDINATE WITH ELECTRICAL
EQ11	WHITEBOARD	ASI GROUP CANADA	TRIM SERIES 9100	PRE-FRAMED, ROUNDED CORNER, 29L LOW WHITE GLOSS, 3' X 4'

* OR APPROVED ALTERNATIVE
** REFER TO SPECIFICATIONS

ROOM SCHEDULE

NO.	ROOM	FLOOR		CEILING		WALL		BASE FINISH	NOTES
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH		
113	GYMNASIUM	CONC SLAB	RSF	OWSJ & METAL DECK	PT-5	CMU	PT-1, PT-3, PT-4, PT-5	RESILIENT BASEBOARD - EXISTING TO REMAIN	REFER TO RENDERINGS FOR PAINT GRADIENT ON WALLS
113B	STAGE	PINE FLOORING	STN-1 - SAND AND STAIN EXISTING STAGE FLOORING	OWSJ & METAL DECK	PT-2	CMU & GB	PT-2	WOOD BASEBOARD - MATCH STAGE WHERE REQUIRED	
113C	STORAGE	CONC SLAB	RSF	STEEL JOIST	-	GB	PT-1	RESILIENT BASEBOARD	

FINISH & MATERIAL SCHEDULE

PT-1 — WHITE PAINT
MANUFACTURER: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
SERIES: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
COLOUR/FINISH: WHITE - ACTUAL COLOUR CODE TBD

PT-2 — BLACK PAINT
MANUFACTURER: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
SERIES: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
COLOUR/FINISH: BLACK - ACTUAL COLOUR CODE TBD

PT-3 — ROYAL BLUE PAINT
MANUFACTURER: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
SERIES: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
COLOUR/FINISH: ROYAL BLUE - ACTUAL COLOUR CODE TBD

PROVIDE PAINT MATERIALS FOR PAINT SYSTEMS FROM SINGLE MANUFACTURER
ACCEPTABLE MANUFACTURERS (OR APPROVED ALTERNATIVE)
.1 BENJAMIN MOORE
.2 SHERWIN WILLIAMS
.3 DULUX

PT-4 — TURQUOISE PAINT
MANUFACTURER: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
SERIES: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
COLOUR/FINISH: TURQUOISE - ACTUAL COLOUR CODE TBD

PT-5 — AQUA PAINT
MANUFACTURER: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
SERIES: AS PERMITTED IN MPI APPROVED PRODUCTS LIST
COLOUR/FINISH: AQUA - ACTUAL COLOUR CODE TBD

RSF — RESILIENT SPORTS FLOORING
MANUFACTURER: GERFLOR OR APPROVED ALTERNATIVE
SERIES: RECREATION 60
COLOUR: 6062 CANADIAN MAPLE

STN-1 — WOOD FLOOR STAIN
MANUFACTURER: TBD
SERIES: TBD
COLOUR: MATCH EXISTING STAGE COLOUR AND FINISH

UP-1 — STAGE CURTAINS - FRONT MAIN, VALANCE, STAGE LEG
MANUFACTURER: REFER TO SPECIFICATIONS
MATERIAL: 100% COTTON, 543 g/m², FIRE RETARDANT
COLOUR: BLACK

RESILIENT BASEBOARD
MANUFACTURER: JOHNSONITE OR APPROVED ALTERNATIVE
SERIES: BASEWORKS THERMOSET W/ TOE
SIZE: 4"
COLOUR: BLACK

WOOD BASEBOARD
MANUFACTURER: MILLWORK
SERIES: TBD
COLOUR: MATCH EXISTING STAGE COLOUR AND FINISH

RUBBER TREAD/RISER COVER
MANUFACTURER: JOHNSONITE OR APPROVED ALTERNATIVE
SERIES: H-3655 - TREAD 48 X 12
H-5198 - RISER 48 X 7
COLOUR: BLACK / GREY / BROWN TBD

STAIR TREAD EDGE TAPE
MANUFACTURER: ULINE OR APPROVED ALTERNATIVE
SERIES: S-23191 GLOW IN THE DARK ANTI-SLIP TAPE - 2" X 60'
COLOUR: WHITE

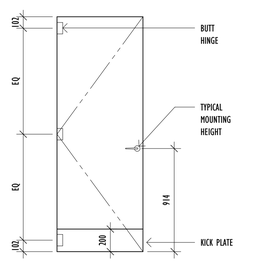
DOOR SCHEDULE

NO.	FIRE RATING	ROOM	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR PANEL MATERIAL	DOOR PANEL FINISH	DOOR TYPE	FRAME MATERIAL	FRAME FINISH	FRAME TYPE	HARDWARE GROUP	DOOR NOTES
D-113A		GYM - MAIN ENTRY	1727	2083	44								EXISTING TO REMAIN
D-113B		GYM - SECONDARY ENTRY	864	2083	44								EXISTING TO REMAIN
D-113C		GYM - EMERGENCY EXIT	813	2032	44								EXISTING TO REMAIN
D-113D		STORAGE ROOM	813	2235	44	HM	PT	D-A	HM	PT	F-1	N-2	STOREROOM LOCKSET

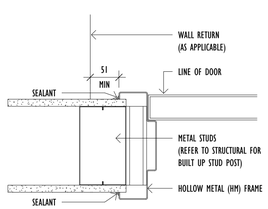
N-1 indicates requirement for privacy lockset
N-2 indicates requirement for keyed lockset
N-3 indicates requirement for weatherstripping
N-4 indicates requirments for universal bathroom lockset with door operator and emergency call system as per OBC

General Note:
Hinge side of door shall be offset 4" from corners unless otherwise noted.

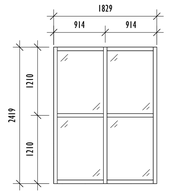
D-A HINGE DOOR

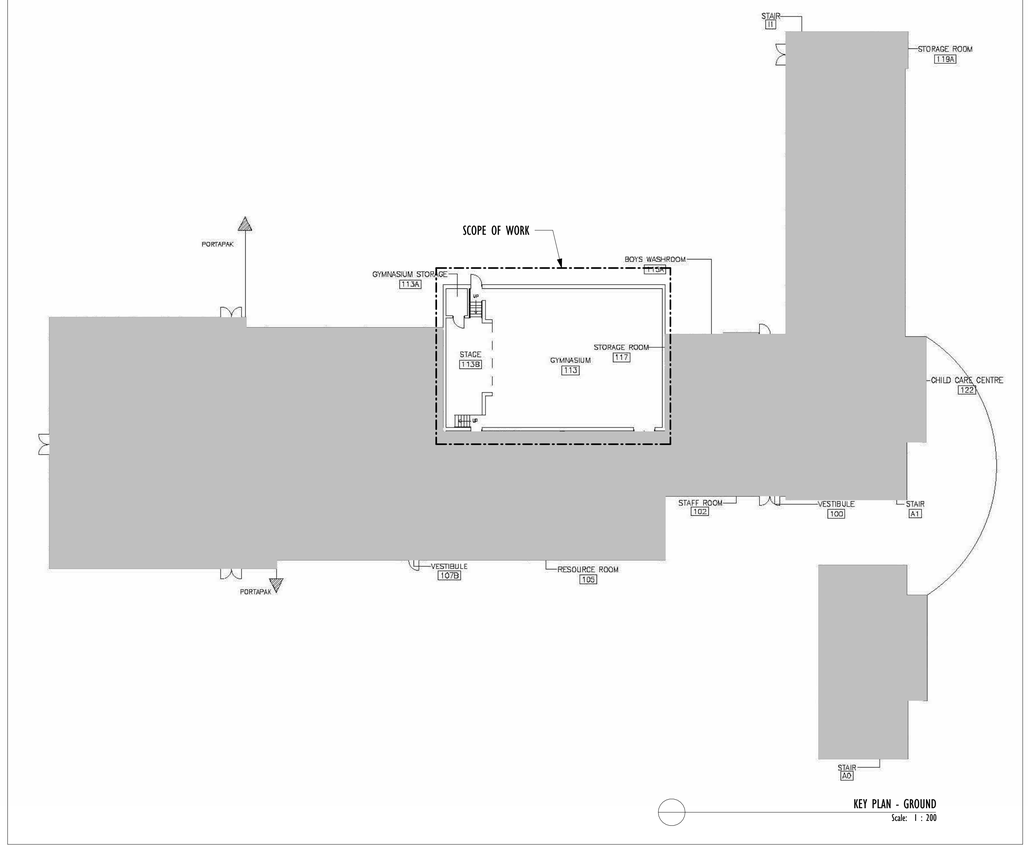


F-1 HOLLOW METAL FRAME



WIN 01 - PROPOSED WINDOW IN EXISTING WINDOW OPENING



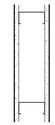


KEY PLAN - GROUND
Scale: 1 : 200

ASSEMBLIES:

INTERIOR PARTITION

PT



STEEL STUD PARTITION WALL

12.7 mm GB
92 mm METAL STUD @ 600 mm o.c.
12.7 mm GB

INTERIOR FURRING

FT

STAGE SURROUND - NEW FINISH PANELS

12.7 mm MDF PANEL - PRIMED AND PAINTED
- EXISTING STRUCTURE TO REMAIN

CEILINGS

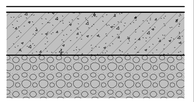
CT

STORAGE ROOM - PROPOSED CEILING STRUCTURE

19 mm FIRE RATED PLYWOOD SHEATHING
152 mm STEEL JOISTS (REFER TO STRUCTURAL)

FLOORS

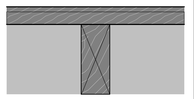
FL1



GYM - NEW RESILIENT SPORTS FLOORING

- WOOD EFFECT RESILIENT ROLLED SPORTS FLOORING
- UNDERLAYMENT AS PER MANUFACTURER SPECS
- EXISTING CONCRETE SLAB ON GRADE C/W GRAVEL

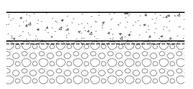
FL2



STAGE - REFINISHED WOOD STAGE FLOORING

19 mm EXISTING PINE FLOORING - SAND & STAIN
45 mm TONGUE AND GROOVE DECKING
- WOOD BEAM STRUCTURE

FL3

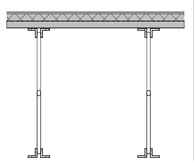


PLATFORM LIFT - NEW PIT SLAB ON GRADE

102 mm CONCRETE SLAB (REFER TO STRUCTURAL)
- VAPOUR RETARDER
152 mm GRAVEL (REFER TO STRUCTURAL)

ROOFS

RT



GYM AND STAGE - OWSJ AND METAL DECK ROOF - PAINTED

- EXISTING ROOFING TO REMAIN
- EXISTING METAL DECK - PRIMED AND PAINTED (REFER TO RCP AND INTERIOR ELEVATIONS)
- EXISTING OWSJ - PRIMED AND PAINTED (REFER TO RCP AND INTERIOR ELEVATIONS)

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2025 OCT 31	ISSUED FOR SCHEMATIC DESIGN REVIEW
2025 NOV 21	ISSUED FOR DESIGN REVIEW 2
2026 JAN 08	ISSUED FOR PERMIT
2026 MAR 12	ISSUED FOR PERMIT RESPONSE
2026 APR 10	ISSUED FOR TENDER
2026 APR 16	ISSUED FOR TENDER REV 1
DATE	ISSUED FOR

Architect's Stamp

Project
YORKVIEW ELEMENTARY SCHOOL
GYM RENOVATION
Address 86 Cameron Ave, Dundas, ON L9H 1P8

Client	HWDSB
Project no.	2518
Scale	As indicated
Drawn By	KP, BG
Print Date	2026/04/16

Project North

Drawing Title
SCHEDULES AND ASSEMBLIES

Sheet no.
A0.02

1 GENERAL

1.1 SUMMARY

.1 This section includes, but is not limited to, supply and installation of the indoor resilient multipurpose surfacing, application of the game lines, and references for the correct construction and preparation of concrete slabs to receive resilient flooring.

1.2 RELATED REQUIREMENTS

.1 Section 03 30 00 - Cast-in-Place Concrete

.2 Section 06 10 00 – Rough Carpentry

.3 Section 07 92 00 – Joint Sealants

.4 Section 08 71 00 – Door Hardware

.5 Section 09 21 16 – Gypsum Board Assemblies

1.3 REFERENCE STANDARDS

.1 ASTM International (ASTM):

.1 ASTM F710, Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring

.2 ASTM F1516, Standard Practice for Sealing Seams of Resilient Flooring Products by the Heat Weld Method (when Recommended)

.3 ASTM F1869, Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride

.4 ASTM F2170, Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using In-Situ Probes

.5 ASTM F2772, Standard Specification for Athletic Performance Properties of Indoor Sports Floor Systems

.6 ASTM F2873, Standard Practice for the Installation of Self-Leveling Underlayment and the Preparation of Surface to Receive Resilient Flooring

.2 Canadian General Standards Board (CGSB):

.1 CAN/CGSB-25.20, Surface Sealer for Floors

.2 CAN/CGSB-25.21, Detergent-Resistant Floor Polish

.3 CSA Group (CSA):

.1 CSA A23.1/A23.2, Concrete Materials and Methods of Concrete Construction/Test Methods and Standard Practices for Concrete

.2 CSA B651, Accessible Design for the Built Environment

1.4 ADMINISTRATIVE REQUIREMENTS

.1 Preconstruction Meetings: Arrange a preconstruction meeting in accordance with Section 01 31 19 – Project Meetings attended by Subcontractor, Contractor, HWDSB and JASON FUNG ARCHITECT INC.

.1 Substrate and backing surfaces flatness requirements.

.2 Installation techniques associated with specified materials.

.3 Compatibility between specified materials and between adjacent materials.

.4 Other concerns associated with site conditions.

.5 Installer’s or manufacturer’s representative’s concerns associated with as-constructed conditions.

.6 Substrate joints and cracks that require adjusting tile joint locations or additional tile joint

locations.

.2 Coordination:

.1 Coordinate type and style of resilient transition strips to be used between adjacent floor finishes.

.2 Coordinate layout and installation of flooring with other gymnasium equipment.

1.5 ACTION AND INFORMATIONAL SUBMITTALS

.1 Submit in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product Data: Submit manufacturer's promotional brochures, specifications and installation instructions.

.3 Manufacturer Certifications:

.1 Certification that accurately identifies the Original Equipment Manufacturer (OEM) of flooring furnished for this project including manufacturer's name, address, and factory location.

.1 Suppliers of private label flooring for this project must identify themselves as such and fully disclose the OEM information listed above.

.2 All "manufacturer" requirements in these specifications must be complied with by the OEM, including warranties, certifications, qualifications, product data, test results, environmental requirements, performance data, etc.

.2 Provide ISO 9001 certification for the OEM of the specified products.

.3 Provide ISO 14001 certification for the OEM of the specified products.

.4 Laboratory Test Results:

.1 Provide certification of testing per ASTM F2772 and the product being furnished complies with the ASTM Indoor Sport Floor Classification specified for this project. Third-party certification required; sales literature is not sufficient.

.5 Shop Drawings; Submit shop drawings produced by the manufacturer.

.6 Samples for Initial Selection:

.1 Submit for selection and approval three sets of the indoor resilient multipurpose surfacing, manufacturer's brochures, samples or sample boards of all of the available colours, textures, and styles.

.2 Submit colour samples of all the available game line paint colours for selection and approval.

1.6 CLOSEOUT SUBMITTALS

.1 Submit in accordance with Section 01 78 00 – Closeout Submittals.

.2 Operation and Maintenance Data: Submit three copies of the indoor resilient multipurpose surfacing and manufacturer's maintenance instructions.

.3 Record Documentation: Submit list of materials installed, including adhesives and accessories. Indicate manufacturers, products, types, patterns, and colour names and numbers. Indicate room/area where installed.

1.7 MAINTENANCE MATERIAL SUBMITTALS

.1 Operations and Maintenance Data: Submit manufacturer's cleaning and repair recommendations in accordance with Section 01 78 00 – Closeout Submittals.

.2 Submit Subcontractor's maintenance bond.

.3 Warranty Documentation: Submit manufacturer's warranties including:

.1 Special Limited Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace sports flooring including labour that falls within specified warranty period.

.2 Material Warrant must be direct from the original manufacturer or division thereof. Private

label warranties from distributors or brokers are not valid. Supply original point of manufacturing upon request.

.3 Failures include, but are not limited to, the following:

.1 Material manufacturing defects.

.2 Surface wear and deterioration to the point of wear-through of wear layer per ASTM F410/ASTM F1303.

.3 Failure due to substrate moisture exposure not exceeding 95% relative humidity when tested according to ASTM F2170.

.4 Warranty Period: For material defects and surface wear-through:

.1 15 years from date of Substantial Completion.

.5 Installer's Limited Warranty:

.1 Installer's standard form in which installer agrees to repair or replace sports flooring that fails due to poor workmanship or fault installation within the specified warranty period.

.2 Warranty Period: 1 years from date of Substantial Completion.

.4 Extra Materials: Supply extra materials for maintenance use in accordance with Section 01 78 00 – Closeout Submittals.

.1 Supply to the owner additional materials and associated adhesives containing a total of at least 5% of each different colour or design of the indoor resilient athletic surfacing used on the product.

.2 Material to be from same production run as material installed.

1.8 QUALITY ASSURANCE

.1 Qualifications:

.1 The indoor resilient multipurpose surfacing shall have been actively marketed for a minimum of ten (10) years.

.2 The indoor resilient multipurpose surfacing shall be manufactured in an ISO 9001 certified plant.

.3 The indoor resilient multipurpose surfacing shall be manufactured in an ISO 14001 certified plant.

.4 The indoor resilient multipurpose surfacing supplier shall be an established firm, experienced in the field, and competent in the techniques required by the manufacturer.

.5 The installer of the indoor resilient multipurpose surfacing shall have a minimum of five (5) years of experience in the field installing indoor resilient multipurpose surfacing and have worked on at least five (5) projects of similar size, type, and complexity.

.2 Certifications:

.1 Installer to submit the indoor resilient athletic surfacing manufacturer's or distributor's certification attesting that they are an approved installer of the indoor resilient multipurpose surfacing.

.2 The indoor resilient multipurpose surfacing manufacturer to submit official ISO 9001 certification for the facility in which the indoor resilient multipurpose surfacing is manufactured.

.3 Fire Test Characteristics:

.1 As determined by testing identical products according to ASTM E648, Class 1, by a qualified testing agency acceptable to authorities having jurisdiction.

.4 Safety and Performance Properties:

.1 Comply with ASTM F2772 Performance Level Class 2 for force reduction, ball bounce,

vertical deformation, and surface friction.

.5 Mock-Ups: Assemble mock-up in accordance with Section 01 43 00 - Quality Assurance.

1.9 DELIVERY, STORAGE, AND HANDLING

.1 Perform in accordance with Section 01 61 00 - Common Product Requirements:

.2 Delivery:

.1 Material shall not be delivered until all related work is in place and finished and/or proper storage facilities and conditions can be provided and guaranteed stable according to manufacturer recommendations

.3 Storage and Handling Requirements:

.1 Store the material in a secure, clean and dry location, with ambient temperatures maintained within range recommended by manufacturer, but not less than 13C and not more than 29C.

.2 Store the indoor resilient athletic surfacing rolls in an upright position on a smooth flat surface immediately upon delivery to jobsite.

.4 Packaging Waste Management: Perform in accordance with Section 01 74 19 – Waste Management and Disposal.

1.10 AMBIENT CONDITIONS

.1 Unless otherwise stated in manufacturer's instructions, maintain site conditions to occupancy service conditions for a minimum 48 hours before installation, during installation, and a minimum 48 hours after installation. Site conditions include:

.1 Maintain temperatures during installation within range recommended by manufacturer, but not less than 18C in spaces to receive flooring 48 hours prior, during and 48 hours after installation.

.2 After installation, maintain temperatures within range recommended by manufacturer, but not less than 13C or more than 29C.

.3 Prohibit traffic during flooring installation and for 48 hours after flooring installation.

.2 Ventilation: Provide temporary ventilation where existing systems are not available or are inadequate to meet minimum requirements as follows:

.1 Provide high ventilation rate with maximum outside air 24 to 48 hours before, during installation, and 48 to 72 hours after installation. If possible, vent directly to outside. Do not let contaminated air recirculate through air distribution system. Continue high ventilation rate for at least four weeks after building occupation.

.2 Coordinate operation of existing ventilation system with HWDSB.

.3 Install flooring only after other finishing work, including painting and overhead work, has been completed.

2 PRODUCTS

2.1 MANUFACTURERS

.1 Basis-of-Design Product:

.1 Gerflor – Recreation 60 Multi-Purpose Flooring with Gerflor's full-spread adhesive

.2 Alternatives: Subject to compliance with all requirements of this specification including full-spread adhesive coverage.

2.2 MATERIAL

.1 ASTM Class 2 Foam-backed sheet vinyl flooring designed for fully adhered multi-purpose applications.

.1 Overall Thickness: Not less than 6 mm (0.24”).

.2 Wear-Layer Thickness: Not less than 1.5 mm (0.06”).

.3 Backing: Closed cell foam with reinforced fiberglass grid.

.4 Seaming Method: Heat welded.

.5 Adhesive Method:

.1 Full-spread adhesive coverage to completely adhere flooring to substrate.

.2 Complete adhesive coverage to eliminate the possibility of gaps or space between the slab and flooring material where moisture could accumulate and create an environment conducive to mold growth.

.3 Flooring to be fully adhered to the concrete slab in all locations eliminating the possibility of waves or wrinkles forming caused by the floor shifting, moving, or by rolling loads displacing it.

.6 Traffic-Surface Texture: Wood visual shall have wood grain embossed texture for a genuine wood appearance and Solid colours to have “pebbled” embossed texture for an attractive appearance.

.7 Bacteriostatic and Fungicidal Treatment: Manufacturer’s factory-applied permanent treatment throughout the flooring material which can improve indoor air quality and reduce asthma and allergy risks associated with bacterial and mold growth.

.1 Basis-of-Design Product: Gerflor Sanosol.

.8 Applied Finish: Manufacturer’s, factory-applied, permanent and UV-cured.

.1 No-Wax Finish: Published product literature identifying factory applied finish as, “No-Wax-Just clean and rinse”.

.2 Basis-of-Design Product: PUR Protect.

.9 Field-Applied Finishes: None required and not allowed.

.10 Roll Size:

.1 Roll Width: Rolls to be a minimum width of 1.5 m (59”) wide.

.2 Roll Length:

.1 Wood visual rolls to be a minimum length of 26.4 m (86’-6”) to minimize the number of end-seams.

.2 Solid colour rolls to be a minimum length of 20.5 m (67’-3”) to minimize the amount of waste if accent colours are selected for boarders, keys or centre circle.

.11 Colour and Pattern:

.1 As selected by Owner from manufacturer’s standard colours and patterns.

.2 Wood pattern shall accurately simulate the true visual appearance of natural wood strip flooring.

.1 Pattern shall replicate random-length stock by simulating non-uniform board lengths.

.2 Wood pattern shall not include a dark line simulating edges or ends of individual boards.

.3 Surface texture shall simulate realistic wood grain and not be raised or “pebbled” embossing.

.2 Performance Criteria:

.1 ASTM F2772 Indoor Sport Floor Standard:

.1 Provide certification of compliance for the four ASTM F2772 Indoor Sport Floor Standard performance categories:

.1 Shock Absorption/Force Reduction: Class C2 (22% to 33%). Pass

.2 Ball Bounce: Minimum 90%. Pass

.3 Surface effect/Coefficient of Friction: Between 80-110: Pass.

.4 Vertical Deformation: Maximum 3.5 mm. Pass

.2 Sound Insulation: EN ISO 717; 19dB.

.3 Fire Performance: ASTM E648; Greater than 0.45 W/cm^2, Class 1.

.4 Surface Maintenance Requirements: No-wax surface requiring only cleaning and rinsing.

.5 Slab Moisture Design Tolerance: Maximum relative humidity (RH) of 95% when tested according to ASTM F2170.

2.3 ACCESSORIES

.1 Trowelable Leveling and Patching Compound: Latex-modified, hydraulic-cement-based formulation provided by flooring manufacturer.

.1 Basis-of-Design Product: GerPatch, Gerflor's patching compound.

.2 Slab moisture tolerance: Same slab moisture tolerance as the adhesive.

.2 Adhesives: Water-resistant type recommended by athletic flooring manufacturer for substrate and conditions indicated:

.1 Basis-of-Design Product: Gerflor Gerfix Spray Adhesive.

.1 Moisture Resistance Limit: 95% relative humidity (RH) when tested according to ASTM F2170.

.2 Coverage Type: Full-spread application for 100% coverage.

.3 Heat Welding Rod: As supplied by indoor resilient flooring manufacturer. Colour shall blend with resilient flooring colour.

.4 Game-Line and Marker Paint: Complete system including primer, compatible with flooring and recommended by flooring and paint manufacturers.

3 EXECUTION

3.1 EXAMINATION

.1 Verification of Conditions:

.1 The area in which the indoor resilient flooring will be installed is dry, weather-tight and in compliance with specified requirements.

.2 Permanent heat, lighting, and ventilation systems are installed and operable.

.3 Other work, including overhead work, that could cause damage, dirt, dust or otherwise interrupt installation has been completed or suspended.

.4 No foreign materials or objects are present on the substrate and that it is clean and ready for preparation and installation.

.5 Tests to verify that the moisture evaporative rate or substrate relative humidity is within the specified ranges.

.6 The concrete slab surface pH level is within the specified range.

.7 The concrete slab surface deviation is no greater than 4.8 mm within 3 m (3/16 inch within 10

feet) when measured according to ASTM E1155.

.8 The concrete slab complies with ACI 302.2R for concrete design including use of a low-permeance vapour barrier directly beneath the concrete subfloor with sealed penetrations.

3.2 PREPARATION

.1 Protection of In-Place Conditions: Protect face of doors, door frames, and walls from marring due to installation of resilient athletic flooring.

.2 Prepare substrates according to manufacturer's written recommendations to ensure proper adhesion of resilient flooring system.

.3 Concrete Substrates: Prepare according to ASTM F710.

.1 Verify that substrates are dry and free of sealers, curing compounds and other additives. Remove coatings and other substances that are incompatible with adhesives using mechanical methods recommended by manufacturer.

.2 Alkalinity Testing: Perform pH testing according to ASTM F710. Proceed with installation only if pH readings are between 7.0 and 8.5.

.4 Moisture Testing: Perform ASTM F2170 relative humidity test and proceed with installation only after substrates have maximum relative humidity (RH) of 95%.

.5 Use Gerflor’s GerPatch trowelable concrete based patching compound with the same moisture vapour tolerance as the adhesive to fill depressions, holes, cracks, grooves or other irregularities in substrate.

.6 Place flooring and installation materials into spaces where they will be installed at least 48 hours before installation. Install flooring materials only after they have reached the same temperature as space where they are to be installed.

.7 Sand the surface of the concrete slab.

.8 Sweep and then vacuum substrates immediately before installation. After cleaning, examine substrate for moisture, alkaline salts, grit, dust or other contamination. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 SHEET ATHLETIC FLOORING INSTALLATION

.1 General:

.1 Comply with resilient athletic flooring manufacturer's installation instructions.

.2 Take necessary precautions to minimize noise, odors, dust and inconvenience during installation.

.3 Fit flooring neatly and tightly to vertical surfaces, equipment anchors, floor outlets, and other interruptions of floor surface.

.4 Extend flooring into toe spaces, door reveals, closets, and similar openings unless otherwise indicated.

.2 Lay out flooring as follows:

.1 Minimize number of seams and place them inconspicuous areas.

.2 Locate seams as shown on approved Shop Drawings

.3 Adhered Flooring: Attach products to substrates using Gerflor’s full-spread adhesive applied to substrate to comply with adhesive and flooring manufacturer instructions.

.4 Vinyl Sheet Flooring Seams: Finish seams to produce surfaces flush with adjoining flooring surfaces. Comply with ASTM F1516. Rout joints and use heat welding rod to permanently and seamlessly fuse sections together.

3.4 GAME LINES AND LOGOS

.1 Lay out game lines and logos to comply with rules and diagrams published by the relevant Canadian and provincial national sport governing bodies for each sports activities indicated, unless otherwise specified by the local authority having jurisdiction.

.2 Mask flooring at game lines and logos, and apply paint of colour indicated to product clean, sharp and distinct edges.

3.5 CLEANING

.1 Progress Cleaning: In accordance with Section 01 74 00 - Cleaning. Remove excess adhesive before cured.

.2 Final Cleaning: In accordance with Section 01 74 00 – Cleaning. Remove all unused materials, tools, and equipment and dispose of any debris properly. Clean the indoor resilient athletic surfacing in accordance with the manufacturer's instructions.

.1 Remove marks and blemishes from flooring surfaces.

.2 Sweep and then vacuum flooring.

.3 Damp-mop flooring to remove soiling.

.3 Waste Management: Perform in accordance with Section 01 74 19 – Waste Management and Disposal.

3.6 PROTECTION

.1 Protect flooring from abrasions, indentations, and other damages from subsequent operations and placement of equipment, during remainder of construction period with non-marring temporary coverings until Work has been approved by JASON FUNG ARCHITECT INC.

END OF SECTION