HWDSB

2025-142-P02089
RFT Westdale Secondary School Changeroom Renovation

Addendum #2

Issued April 14, 2025

The following information changes the competitive process documents issued on March 31, 2025.

CLOSING DATE CHANGE

Change of closing date to Wednesday, April 23, 2025, on or before 2:00:00 PM local time.

GENERAL INFORMATION

ITEM 1 Refer to RFT Document, Instructions to Bidders

REMOVE and REPLACE Section 1.5 Project Schedule with below:

1.5 PROJECT SCHEDULE

1. The Successful Bidder will adhere to section GC 3.4 in regard to milestone dates set below.
2. The following are Project milestone dates:

a)	Tender Issued	Monday, March 31, 2025
b)	Site Walkthrough at 3:00 PM	Thursday, April 3, 2025
c)	Closing for Questions	Monday, April 7, 2025
d)	***Tender Closing on or before 2:00 PM***	***Wednesday, April 23, 2025***
e)	Anticipated Construction Commencement	Monday, June 30, 2025
f)	Substantial Performance of the Work	Friday, November 28, 2025
g)	Ready-for-Takeover	Friday, December 12, 2025

3. Any Work remaining after the Substantial Performance of the Work date will need to be completed after-hours and weekends and cannot be disruptive to the school and operations of the school in any way.

ITEM 2 Electrical - Drawing E104

Refer to Heat Pump shop drawings for power requirements. The indoor unit shall be powered from the outdoor condensing unit as per Mitsubishi wiring diagram. Provide all required wiring and disconnect. Provide 30A, 2P, 208V circuit breaker and wire form power panel LP-ZZ to the condensing unit complete with weather proof disconnect. Verify circuit breaker size with the reviewed shop drawings.

ITEM 3 Electrical - Drawing E301

The light fixtures shall be supplied and installed in accordance with the type, size, descriptions, accessories and ratings in the light fixture schedule, as some model numbers may have been updated by the manufacturer.

ITEM 4 Architectural

Remove and replace Specification Sections 00001, 09623, 09660, 10500 with attached.

ITEM 5 Architectural

Remove and replace Drawings A2.02, A4.02 with attached.

ITEM 6 Cash Allowance

Refer to Form of Tender in the Bidding System. A Cash Allowance of $15,000 has been added to the Total Contract Price.

QUESTIONS AND RESPONSES

Q1 The heat pump unit schedule calls for (QTY.2) condensers (CU-1 & CU-2) however the roof plan only shows (QTY.1) – CU-1.

R1 Delete reference to FC-2 and CU-2. CU-1 and FC-1 are part of the scope of work.

Q2 The drawings show fan coil unit (FC-1) however schedule does not have any info for the indoor units.

R2 The following is the revised equipment specifications and installation requirements:

Mechanical

Indoor Unit (FC-1):

Mitsubishi Model PEAD-A24AA8, 1100x732x250 mm horizontal ducted air handling unit for cold climate heat pump system. Provide unit complete with controller PAR-41MAA, refrigeration pipes, control thermostat, built in condensate pump, MERV 4 washable filter, filter box, auxiliary MERV 8 filter, 600 cfm, 0.6" ESP, disconnect and contacts for connection to building automation system. For controls details, refer to mechanical systems and controls specifications on drawing M3.02. The indoor unit shall be powered from the outdoor unit. Coordinate with electrical trade.

Outdoor Unit (CU-1):

Mitsubishi SUZ-KA24NAHZ, 2 T, low ambient HP unit, hyper heat (cold climate heat pump), built it base pan heater, 208/1/60, 27 MOCP, 53 dB, 20,000 BTU at -13◦F, 15 SEER, BAS automated system BacNet interface (Interface to be verified with existing BAS system), remote controller, and all required wiring. The system operating range shall be 10◦C cooling and – 25◦C Heating. Provide all required control wiring.

Provide accessories, condensate pipes, refrigerant pipes and stand as noted on heat pump units schedule. Refer to drawing M1.08 for steel stand Specifications.

Q3 The drawings note to shut down the hydronic system & re-commission. This drawings only show very limited portion of the hydronic system in the building. In order to quote drain-down of the entire system we need more information.

R3 **Hot water heating testing and balancing shall be limited to the new heating units. Each heating panel and convector shall be equipped with a circuit balancing valve. The heating system shall be locally drained to remove existing pipes and install new pipes as shown and required. The system shall then be refilled, locally tested and balanaced and the required water treatment inhibitors shall be provided to restore the building's heating system to operation. Provide water treatment report at substantial completion of work.**

Q4 Mitsubishi rep just reached out and let us know that the specified outdoor unit is a multi-head unit however is shown only paired with (1) indoor unit so either this is a mis-spec or there is supposed to be another indoor unit. Please advise

R4: **The FC-1 model and Specifications have been updated. Refer to the response R2 above for further details.**

Q5 Phenolic Toilet Partitions - used in project at HWDSB Glendale SS - with Richard G Butterworth Architect Inc.

[Mitchell Division 10] Specifications attached - question as to why these would not of been listed within original specification for Westdale SS, as HWDSB has this product in HWDSB Glendale SS.

R5 **This alternate is not being considered at this time.**

Q6 Specifications and questions from Addendum #1 changes, about the changes in specifications listed for lockers

Notation on Acceptable Products, [Mitchell Division 10 has] worked over the years with HWDSB, and our lockers have been accepted and specifications provided previously. How do we get included on specifications?

As the current listed acceptable products, GSW - no longer supplies lockers this company was bought by GSS and has since been rebranded as Dasco Storage Solutions, with distributors.

Shanahan's has been acquired by Hadrian.

R6 **This alternate is not being considered at this time.**

Q7 Can the terrazzo that's being replaced be cementitious and not resinous.

R7 The terrazzo shall be as per Specifications 09623.

Q8 Please can you reconfirm the room finish schedule. the schedule says not to paint the washroom ceiling but the Room Finish Schedule does not says it needs paint

R8 Please see attached revised Drawing A4.02

Q9 Please confirm if corridor needs to be painted?

R9 Painting is required at new door infills as well as around new door openings only.

Q10 Is there painting required in basement?

R10 Yes.

Q11 We couldn't find the abatement works on this project, please provide the scope of works.

R11 Refer to the environmental designated substances and hazardous materials survey found in the Specification.

Q12 We received question from base building data contractor. Can you please advise
Could you please review and confirm the following points listed below,
1. Legend - notes on E3.01 – Data Cabling by the IT Team
2. General - Note on E1.03 – The data cables Install by others.
3. Please let us know if you still required quote for communication scope of work?

R12 Supply and installation of data cabling to be carried under the cash allowance.

Q13 Good morning ! We have a few queries regarding the project. Could you please review and confirm the following points listed below,
is there any communication works on this project ?

R13 Supply and installation of data cabling to be carried under the cash allowance.

Q14 also in the subcontractors name we have to provide the name for data cabling contractor, please advise. Legend - notes on E3.01 – Data Cabling by the IT Team
General - Note on E1.03 – The data cables Install by others.

R14 Supply and installation of data cabling to be carried under the cash allowance.

Q15 Could you clarify the exact floor finishes required for the showers? I noticed NTF is specified on drawings A2.01 and A2.02, while LVL is listed on the Room Finish Schedule.

R15 Please see attached revised drawing A4.02

End of Addendum #2

PART 1 – GENERAL

1.1 Scope

.1 Comply with Division 1: General Requirements.

.2 Provide materials, labour and equipment for the installation of new dry packed cement base and new bonded thin-set cement seam-less terrazzo and precast cove base, patching and refinishing of existing venetian terrazzo floors and base as shown on the drawings described herein or as necessary to complete the work.

1.2 Related Work Under Other Sections

.1 Section 06100: Rough Carpentry, [co-ordinating with work of this section.]

.2 Section 07900: Sealants, [co-ordinating with work of this section.]

1.3 Standards

.1 Do terrazzo work in accordance with the Terrazzo, Tile and Marble Association of Canada [TTMAC] Manual. Tradesperson to have minimum of 5 years experience in this type of work and trained to do specified Thin Set Seamless Terrazzo System.

1.4 600V Power Supply for equipment

.1 See 6.1 Temporary Services under General Conditions.

1.5 Samples

.1 Provide minimum a 300mm (12”) x 300mm (12”) sample of each of the samples of colours and aggregates as selected by the Architect.

1.6 Examination

.1 Visit site, determine existing conditions and limitations and requirements for protection of adjacent areas; verify dimensions.

1.7 Delivery and Storage

.1 Deliver in original packages and containers. Handle materials carefully to avoid damage to new and existing work. Store materials under suitable protective coverings on skids clear of ground or floor. Keep dry and free from foreign matter.

1.8 Environmental Conditions

.1 Maintain air and structural base temperatures at 12 degrees C minimum or 20 degrees C maximum for 24 hours before, during and after installation.

1.9 Warranty

.1 Provide a signed certificate warranting materials and installation against cracking, splitting, discolouration or loosening for a period of [10] years from the date of the certificate of final acceptance.

PART 2 – PRODUCTS

2.1 **Conductive Matrix :** As recommended by the manufacturer.

2.2 **Marble and Granite Chips:** as selected by the Architect.

2.3 **Colour Pigments:** Non fading mineral pigments to British standard 1014 as selected by the Architect.

2.4 **Flexible Reinforcing Membrane:** Iso-C with fiberglass scrim reinforcing. Supplied by the manufacturer.

2.5 **Primer:** Moisture mitigating primer with maximum 0.3 perms with 100% RH. As recommended by the manufacturer.

2.6 **Sealant:** As recommended by manufacturer, high performance, high gloss, chemical-resistant.

2.7 **Cleaners, Sealers and Floor Finish:** Terrazzo, Tile and Marble Association of Canada Types 1001,1002,1003,1004,2001,2002 and 3001 as applicable and as recommended by the manufacturer.

2.8 **Thin Set Seam-Less Cement Terrazzo Bonding Agent:** As recommended by manufacturer.

2.9 **Thin Set Seam-Less Cement Terrazzo System Products Manufacturer:** Seam-Less Terrazzo by Durabond Products Limited, Anthony Rapone (416) 904-9895 5750 anthony.rapone@durabond.com .

2.10 **Thin Set Seam-Less Cement Terrazzo precast cove base:** As recommended by the manufacturer.

2.11 **Waterproofing membrane (showers):** Kerdi membrane by Schluter Systems or approved equal.

2.12 **Dry Packed Cement Base:** Portland Cement To CAN/CSA-A5-M88, Type 10, Normal as recommended by the manufacturer.

2.13 **Reinforcing Mesh:** Galvanized welded wire mesh 2” (50mm) x 2” (50mm) 16 gauge, square openings.

2.14 **Isolation Membrane:** Polyethylene Film; to CAN/CGSB-51.34-M86, Type 2, 4 mil thick or 15 lb. unperforated roofing felt.

2.15 **Resurfacing Bonding Agents:** Latex emulsion for use as a bonding agent existing concrete slab before install of dry packed cement base.

Acceptable Products: Or Approved Equal.

W. R. Meadows	'Sealtight - Bodlok'
Sternson	'Surfacrete Concentrate'

2.16 **Moisture Mitigation Membrane:** Full coverage purpose made one component water based 2 coat system moisture mitigation membrane over cured dry packed cement base.

Acceptable Products: Or Approved Equal

Ardex 'VR98'

2.17 **Perimeter Foam Gasket:** Full perimeter wall foam expansion pink sill gasket as recommended by manufacturer, between dry pack cement base/finished terrazzo floor and new or existing wall surfaces.

2.18 **Transition strips:** Schluter reno ramp, Reno U or Deco depending on condition.

2.19 **Specified Thin Set Seamless Cement Terrazzo Trained and Certified Installers:** The following is a list of the specified thin set seamless terrazzo system trained and certified installers:

Certified Installers:

Calderon Flooring Johnny W. Calderon, 1126 Edgewood Rd., Millgrove, ON, 905-923-5923, jc9059235923@gmail.com

RMD Surfaces Formerly VP Flooring Giovanni Puglisi, 345 Limeridge Rd Rd. W. Unit 05, Hamilton, ON, 905-517-5009, gpuglisi28@gmail.com

Senate Flooring Neil Belluz, 365 Grays Rd. Stoney Creek, ON, 905-560-0845, neil@senateflooring.com

PART 3 – EXECUTION

3.1 **Preliminary Work**

.1 Give at least [5] days notice to the Architect before starting work.

3.2 **Preparation of Surfaces**

.1 Examine all surfaces upon which the work of this section is to be installed and report any defects to the Architect.

.2 **Dry grinding with HEPA vac system is required for all new and existing refinished terrazzo floor and base surfaces.** Clean existing surface using TTMAC recommended surface cleaner and rinse clean. After grinding apply terrazzo matching filler/leveler to manufacturer's directions and cure ready for installation of replacement materials. Maximum surface tolerance 1:400.

.3 Seamless terrazzo shall be sound with steel trowel finish with minimum of ½" 13mm below finished floor levels, conforming to general contour required. All base surfaces shall be clean and sound.

.4 For refinishing of existing terrazzo and base dry grind all surfaces with HEPA vac system.

.5 For any patching, remove all defective or damaged work before patching

with new terrazzo material to match existing.

3.3 Installation

.1 Concrete to 28 day cure minimum. Clean floor slab, remove laitance by dry HEPA vac system grind and or acid etch and rinse thoroughly with clean water. Moisture content in slab shall not exceed 16% to ASTM F-2170. Perform moisture testing before installation.

.2 Apply isolation membrane on sand dusting and full foam perimeter gasket and then install dry packed mesh reinforced cement base sloped to drains as shown on drawings or as necessary to complete the work.

.3 Apply specified moisture mitigation membrane 2 coat system in even layer over entire sub-surface and allow to cure.

.4 Mix and install seamless cement terrazzo system and precast base and apply terrazzo primer before install of terrazzo strictly under specifications of manufacturer and where possible under the direction of the manufacturer's representative. Mask all adjacent surfaces.

.5 Dry grinding with HEPA vac system is required for all new and refinished terrazzo surfaces. Grout terrazzo when it has set sufficiently hard as specified for thin set terrazzo topping.

.6 For new and refinishing of existing terrazzo surfaces apply minimum 2 coats of recommended sealer to all surfaces and final non slip wax coating.

.7 For any patching remove and replace defective or damaged work.

3.4 Clean-up

.1 Remove debris; thoroughly wax with non-slip product and clean all terrazzo surfaces and leave ready for occupancy.

-End-

PART 1 - GENERAL

1.1 Scope

.1 Comply with Division 1: General Requirements.

.2 Provide materials, labour and equipment for the installation of resilient floor tile and wall base shown on the drawings, described herein, or as necessary to complete the work.

1.2 Related Work Under Other Sections

None

1.3 Standards

.1 Do resilient tile and base work in strict accordance with the detailed directions of the manufacture's supplying the material.

1.4 Samples

.1 Provide a manufacturers technical manual clearly showing the project name, tile types, accessories and colours, together with installation, cleaning and maintenance requirements.

1.5 Maintenance Materials

.1 Provide extra (1) standard size full box of each floor tile and base type and colour from the same production runs as the materials to be installed. Store where directed for future maintenance use.

1.6 Delivery and Storage

.1 Deliver in original packages and containers. Handle materials carefully to avoid damage to new and existing work. Store materials under suitable protective coverings on skids clear of ground or floor. Keep dry and free from foreign matter.

1.7 Environmental Conditions

.1 Maintain material and room at 20 degrees C minimum for 24 hours before, during and after installation.

.2 Maintain air and structural base temperatures at temperatures recommended by material manufacturers for 48 hours before, during and 48 hours after installation.

1.8 Warranty

.1 Provide a signed certificate warranting material and installation against loosening, cupping and shrinking for a period of two [2] years from the date of the certificate of final acceptance.

PART 2 - PRODUCTS

2.1 Materials

.1 **Luxury Vinyl Tile (LVT):** To ASTM F1700, Full Glue down LVT 235 x 1505 mm size (6"x36"), 4.5 mm thick, Large and Local Collection, Rendered Flax/938 Mountain Ash, commercial grade LVT.

Acceptable Products:
Mohawk Group

.2 **Vinyl Reinforced Tile (VRT):** To CAN/CSA-A126.1-M84, 300 x 300 mm size (12"x12"), 3.2 mm ($^1/_8$") thick, Type A, Waterproof abrasive resistant in standard, colour and pattern as selected by Architect.

Acceptable Products: *Or Approved Equal*
Tarket ' VCT II colour selected by Architect'

.3 **Base:** Straight, top set, fire retardant nitrile plasticized vinyl to CAN/CSA A126.5-87, Type 2 and CAN/ULC S102.2-M88, plain pattern, 2.4 mm ($^3/_{32}$") thick, 100 mm (4") high, in maximum lengths. Maximum flame spread rating 25, maximum smoke developed 60.

Acceptable Products:
Tarkett Vinyl Cove Base 4" 38 Pewter CB.

.4 **Transition Strips:** Continuous Stepless transition trim, of sections listed below.

Acceptable Products:

Schlüter-Systems	Reno Ramp, Reno U or Deco, Brushed Aluminum Finish, size to suit' [VRT/LVT to zero or other]

.5 **Primer and Adhesive:**

.1 **For Vinyl Reinforced Tile (VRT):** Waterproof, contact type, selected to suit all substrates and locations to flooring manufacturer's recommendations.

.2 **For Luxury Vinyl Tile (LVT):** Waterproof, contact type, selected to suit all substrates and locations to flooring manufacturer's recommendations.

.3 **For Bases, Thresholds, etc.:** High wet strength, fire and smoke rated to CAN/CGSB 41-GP-34M and to primer and adhesives and manufacturer's printed directions.

Acceptable Products: Or Approved Equal

Flextile	'1251-V'	[covebase cement] [rubber/vinyl]
Domcor/Deltal	'Covegrip #97'	

.6 **Filler/Leveller:** Purpose made full self leveling latex-cement underlayment over existing concrete subfloor.

Acceptable Products: Or Approved Equal

Ardex or Mapei

.7 **Moisture Mitigation Membrane:** Full coverage purpose made one component water based 2 coat system moisture mitigation membrane.

Acceptable Products: Or Approved Equal

Ardex 'VR98'

PART 3 - EXECUTION

3.1 Preliminary Work

.1 Give at least [5] days notice to the Architect before starting work.

.2 Provide temporary protection to all areas during operations.

3.2 Preparation of Concrete Subfloor

.1 Prepare all existing concrete subfloors to ASTM F710. Grind smooth all surfaces to remove all contamination on the substrate that may cause damage to the resilient flooring material. Permanent and non-permanent markers, pens, crayons, paint, etc., must not be used to write on the back of the flooring material or used to mark the substrate as they could bleed through and stain the flooring material.

.2 Remove all high spots and fill in all low spots, holes and cracks with specified filler. Fill cracks, holes, depressions and irregularities in the substrate use specified underlayment leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate. Do not install floor covering over expansion joints.

.3 Vacuum clean floor before applying new finished flooring.

.4 Concrete floors must be free of dust, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, film-forming curing compounds, silicate penetrating curing compounds, sealing, hardening or parting compounds, alkaline salts, excessive carbonation or laitence, mold, mildew, and other foreign materials that may affect dissipation rate of moisture from the concrete, discoloration or adhesive bonding.

.5 Apply specified full coverage filler/self leveling product over entire surface as per manufacturer’s instructions.

.6 Apply specified full coverage moisture mitigation membrane product over entire surface as per manufacturer’s instructions.

3.3 Vinyl Reinforced Tile Application (VRT)

.1 Apply adhesive uniformly over surface using notched spreader as recommended by the tile manufacturer. Spread only sufficient adhesive to ensure that tile covering is complete before initial set occurs.

.2 Lay tile with joints parallel to building lines; produce a symmetrical tile pattern; use minimum 1/2 width border tile.

.3 Unless otherwise detailed, install tile to a staggered ashlar pattern, with continuous joints flowing with the direction of mottle and parallel to the longer dimension of the room or area. Stagger cross joints alternately by half a tile.

.4 Carefully scribe and cut tile to fit around fixed objects, corners, frames, etc.

.5 Roll tile with a 45 kg (100lb.) 3 section roller to expel air bubbles and level other imperfections.

.6 Use full spread coverage adhesive as recommended by the Manufacturer.

3.4 Luxury Vinyl Tile Application (LVT)

.1 Apply full self leveling and full moisture mitigation membrane and full coverage adhesive uniformly over surface using notched spreader as recommended by the tile manufacturer. Spread only sufficient adhesive to ensure that tile covering is complete before initial set occurs.

.2 Lay tile with joints parallel to building lines; produce a stile pattern as shown on drawings 1/3-2/3 offset.

.3 Carefully scribe and cut tile to fit around fixed objects, corners, frames, etc.

.4 Provide edge strips at unprotected edges, or exposed edges and at joints between dissimilar floor materials.

.5 Roll tile with a 68 kg (150lb.) roller to expel air bubbles and level other imperfections.

3.5 Base Application

.1 Apply adhesive to wall and floor only.

.2 Lay out base to minimize number of joints.

.3 Set preformed external corners.

.4 Set base in full bed of adhesive to both wall and floor surfaces, straight, level and to 1:400 tolerance.

.4 To produce tight closed joints, scribe and fit bases accurately coped at internal corners to produce tight closed joints to preformed corners, door frames and other objects.

3.6 Clean-up

.1 Remove excess adhesive with approved stripper solution; rinse and dry.

.2 Wash floor tile and bases to manufacturer's directions.

.3 Prohibit traffic on floor for 48 hours after installation.

.4 Remove and dispose of debris and leave premises in a washed condition.

.5 **Owner will be responsible for the sealing and waxing of the floors and bases.**

.6 Provide extra (1) standard size box of each VRT and LVT tile for future maintenance.

-End-

PART 1 - GENERAL

1.1 Scope

.1 Comply with Division 1: General Requirements

.2 Provide materials, labour and equipment for the installation of metal lockers and required accessories as shown on the drawings, described herein or as necessary to complete the work.

1.2 Related Work Under Other Sections

.1 Section 07900: Sealant, [co-ordinating work with this section.]

1.3 Shop Drawings

.1 Submit [6] copies of shop drawings or catalogue illustrations indicating fabrication details, metal gauges, plans, elevations, hardware and installation details.

PART 2 - PRODUCTS

2.1 Materials

.1 **Galvanized Steel Sheet:** Commercial quality, to ASTM A526/A526M-85 with Z275 zinc coating.

.2 **Steel Sections:** To CAN/CSA -G40.21-M87, Type 44W.

.1 **Quantity, Type and Location:** Provide the following units, Standard 300mm (14") wide x 460mm (18") deep 2 tier and 6 tier as noted on the drawings.

.2 **Doors & Panels:** 1.9 mm (14 ga) galvanized zinc coated cold rolled steel sheet to A446 Grade A door panel and 0.76 mm (22 ga) galvanized zinc coated cold rolled steel sheet to A446 Grade A inner panel.

.3 **Bodies, Shelves & Frames:** 1.21 mm (16 ga) galvanized zinc coated cold rolled steel sheet to A446 Grade A.

.4 **Trims, Slope Tops, End Panels and Bases:** 1.21 mm (16 ga) galvanized zinc coated cold rolled steel sheet to A446 Grade A.

.3 **Hardware:**

.1 **Hinges and Bumbers:** (1) continuous 1.21 mm (16 ga) galvanized zinc coated cold rolled steel sheet to A446 Grade A tamperproof hinge. Two (2) rubber door grommets on the lock side of the frame

.2 **Latch:** Single point locking by means of concealed chrome plated hasp padlock type.

.3 **Coat Rod:** Provide (1) chrome plated zinc die Coat rod for each 1 tier locker.

.4 **Attachments:** Through male/female type sex bolts with tamperproof heads. Pilaster support plated anchor bolts to be 9mm ($^3/_8$") diameter and connected to pilasters with a uniform single piece channel welded integrally.

.5 **Finish and Colour:** All parts to be anti-graffiti polyurethane powder coating paint finish, colour as selected by Architect from manufacturers standard colour range.

.6 **Number Plates:** Aluminum number plates shall be riveted onto the door pull and shall be numbered as indicated on the drawings.

.7 **Locker type and size as noted on drawings**

Acceptable Products (or approved equal):
Dasco Storage Solutions
G.R.B. Storage Systems Inc.
Hadrian

2.2 Fabrication

.1 **General:**
Fabricate the work true to dimensions, square, plumb and level. Accurately fit members with hairline joints. Secure intersecting members with appropriate fasteners.

.2 **Appearance and Performance:**
Fabricate the work free from distortion and defects detrimental to appearance and performance.

.3 **Doors and Frames:** outer and inner door panels shall be fully front ventilated with staggered obround shaped perforations 10mm (3/8”) wide x 25mm (1”) high. Doors shall be formed with channels on both sides, interlocked with outer panel, and mig welded together at top, bottom and both sides on the back surface edges of the door. The box welded door assembly shall be 30mm (1-1/8”) thick and welded to a continuous tamperproof hinge. Frames shall be welded together from formed channel sections. Ventilated slots shall be incorporated into the top and bottom frame members.

.4 **Bodies:** side panels shall be fully front ventilated with staggered diamond shaped perforations 19mm (3/4”) wide x 38mm (1-1/2”) high. Backs shall be formed with right angle flanges on the vertical sides. Tops and bottoms and shelves shall be formed with flanges on all sides with formed under return at front of shelves. Provide 1 internal shelf for each 1 tier locker.

.5 **Reinforcement:** Internally reinforce at areas of attached hardware and fittings. Temporarily mark location of reinforcement for tissue holders and grab bars.

PART 3 - EXECUTION

3.1 Preliminary Work

.1 Give at least [5] days notice to the Architect before starting work.

3.2 Partition Erection (Metal Ceiling Hung)

.1 Provide templates, details and instructions for building in toilet partition anchors.

.2 Install lockers secure, plumb and square. Use male/female through bolts or screws.

.3 Attach fixing fasteners securely to hollow walls using bolts and toggle type anchors.

.4 Attach panel and pilaster to brackets with through type sleeve bolt and nut or screws.

.5 Provide for adjustment of floor variations with shims. Install all trims and sloped tops with tight secure joints. Continuously seal joint between locker base and floor.

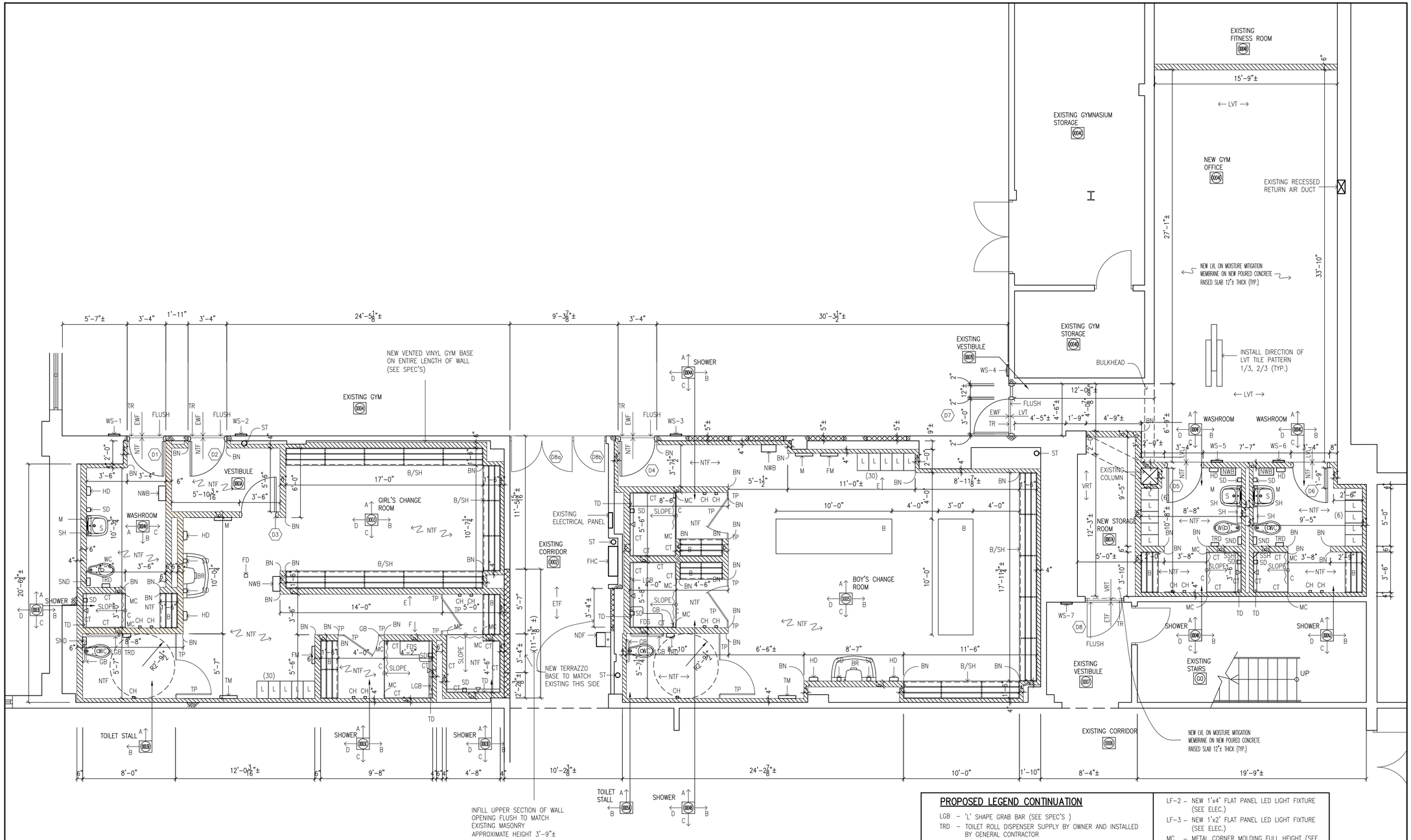
.6 Make good or replace all painted surfaces damaged during shipment and/or installation to satisfaction of Architect.

3.3 Clean-up

.1 Remove debris resulting from the work.

.2 Remove protective covering and leave installation in a clean and polished condition.

-End-



1 A2.01 PARTIAL BASEMENT FLOOR PLAN – PROPOSED
1/4"=1'-0"

PROPOSED LEGEND CONTINUATION

- LGB – 'L' SHAPE GRAB BAR (SEE SPEC'S)
- TRD – TOILET ROLL DISPENSER SUPPLY BY OWNER AND INSTALLED BY GENERAL CONTRACTOR
- TP – NEW TOILET PARTITION SOLID PHENOLIC IN SHOWERS / CHANGE ROOMS AND METAL IN WASHROOMS (SEE SPEC'S)
- TD – NEW TRENCH DRAIN (SEE MECH.)
- SSH – SHAMPOO SHELF (SEE SPEC'S)
- NOS – NEW OCCUPANCY SENSOR (SEE ELEC.)
- NSD – NEW SMOKE DETECTOR (SEE ELEC.)
- SD – SOAP DISPENSER SUPPLY BY OWNER AND INSTALLED BY GENERAL CONTRACTOR
- SH – STAINLESS STEEL SHELF (SEE SPEC'S)
- SND – SANITARY DISPOSAL SUPPLY BY OWNER AND INSTALLED BY GENERAL CONTRACTOR
- SK – NEW SPEAKER (SEE ELEC.)
- NAP – NEW CEILING ACCESS PANEL (SEE SPEC'S)
- NTF – NEW ½" MIN. THIN-SET CEMENT SEAMLESS TERRAZZO ON DRY PACKED CEMENT BASE C/W 6" PERIMETER PRECAST COVE SEAMLESS TERRAZZO BASE. IN SHOWERS BASE WILL BE CERAMIC TILE (SEE SPEC'S)
- NCV – NEW CONVECTOR (SEE MECH.)
- LF-1 – NEW 2'x4' FLAT PANEL LED LIGHT FIXTURE (SEE ELEC.)
- LF-2 – NEW 1'x4' FLAT PANEL LED LIGHT FIXTURE (SEE ELEC.)
- LF-3 – NEW 1'x2' FLAT PANEL LED LIGHT FIXTURE (SEE ELEC.)
- MC – METAL CORNER MOLDING FULL HEIGHT (SEE SPEC'S)
- MS – NEW MOP SINK (SEE MECH.)
- LVT – NEW LUXURY VINYL TILE (SEE SPEC'S)
- WS(1)– NEW WALL SIGN (SEE SPEC'S)
- X – NEW EXIT SIGN (SEE ELEC.)
- ▷ – SHOWER HEAD / VALVE (SEE MECH.)
- DENOTES: PATCH EXISTING WALLS FLUSH BOTH SIDES TO MATCH EXISTING WITH RECLAIMED MATERIALS
- DENOTES: MAKE GOOD EXISTING SURFACES FLUSH TO MATCH EXISTING (TYP.)
- DENOTES: NEW CONCRETE BLOCK WALL TO U/S OF EXISTING FLOOR STRUCTURE ABOVE
- 12'–0" HIGH BLOCK WALLS TO UNDERSIDE OF CONCRETE SLAB. ALL OTHER BLOCK WALLS 9'–4" HIGH

PROJECT NORTH

ONTARIO ASSOCIATION OF ARCHITECTS
RICHARD G. BUTTERWORTH
LICENCE 3859

PROPOSED LEGEND

- AP – NEW ACCESS PANEL (SEE SPEC'S)
- B – BENCH (SEE SPEC'S)
- B/S – BENCH / SHELF WITH HOOKS (SEE SPEC'S)
- BN – BULLNOSE CORNER
- BR – NEW WASHFOUNTAIN TERREON MODEL MF2944 FLOOR MOUNT (SEE MECH.)
- ETF – EXISTING TERRAZZO FLOOR
- EFG – NEW EXHAUST FAN GRILLE (SEE MECH.)
- EL – NEW RECESSED EMERGENCY LIGHT (SEE ELEC.)
- HD – ELECTRIC HAND DRYER (SEE ELEC.)
- M – MIRROR (SEE SPEC'S)
- FM – FULL MIRROR (SEE SPEC'S)
- TM – TILT MIRROR (SEE SPEC'S)
- TR –
- L – LOCKER (30) AND QUANTITIES (SEE SPEC'S)
- S – NEW SINK / FAUCET (SEE MECH.)
- SH – SHOWER (SEE MECH.)
- SL – SLOPE TO DRAIN (SEE MECH.)
- C – CURTAIN AND ROD (SEE SPEC'S)
- CH – BREAK AWAY COAT / TOWER HOOKS (SEE SPEC'S)
- CT – NEW CERAMIC WALL TILE FULL HEIGHT (SEE SPEC'S)
- WC – NEW TOILET FLUSH VALVE (SEE MECH.)
- NEG – NEW EXHAUST GRILLE (SEE MECH.)
- NSG – NEW SUPPLY AIR GRILLE (SEE MECH.)
- NRG – NEW RETURN AIR GRILLE (SEE MECH.)
- NVB – NEW VENTED GYMNASIUM FLOOR BASE (SEE SPEC'S)
- FDS – FOLD DOWN SEAT (SEE SPEC'S)
- FD – NEW FLOOR DRAIN (SEE SPEC'S AND MECH.)
- GB – 24" STRAIGHT GRAB BAR (SEE SPEC'S)
- VRT – NEW VINYL REINFORCED TILE (SEE SPEC'S)

HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD

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RICHARD G. BUTTERWORTH ARCHITECT INC.
Architecture Interiors Urban Planning
Ancaster Ontario

WESTDALE SECONDARY SCHOOL
HAMILTON – WENTWORTH DISTRICT SCHOOL BOARD
700 MAIN STREET WEST
HAMILTON, ONTARIO

PARTIAL BASEMENT FLOOR PLAN – PROPOSED

DRAWN BY:	CHECKED BY:
MS	RGB
DATE:	JOB No.:
FEBRUARY 2025	24–107
SCALE:	SHEET No.:
1/4"=1'–0"	A2.01

PLOT SCALE 1:1

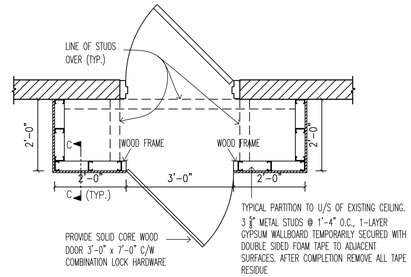
ROOM FINISH SCHEDULE

No.	ROOM NAME	FLOOR FINISH	BASE	WALLS				CEILING		REMARKS
				NORTH	EAST	SOUTH	WEST	FINISH	HEIGHT	
0003	GIRL'S CHANGE ROOM	SEAMLESS TERRAZZO	6" PRECAST TERRAZZO	CONCRETE BLOCK PAINTED				GYPSUM WALLBOARD PAINTED	9'-0"	
0003A	VESTIBULE								8'-0"	
0004H	WASHROOM								9'-0"	
0005	BOY'S CHANGE ROOM								9'-0"	
0004E	NEW GYMNASIUM OFFICE	LVT	6" RCB		EXISTING BRICK PAINTED	CONCRETE BLOCK PAINTED	EXISTING BRICK PAINTED	SUSPENDED ACOUSTIC TILE AND GRID	8'-0"	
0004F	WASHROOM	SEAMLESS TERRAZZO	6" PRECAST TERRAZZO					GYPSUM WALLBOARD PAINTED	8'-0"	
0004G	WASHROOM	SEAMLESS TERRAZZO	6" PRECAST TERRAZZO					GYPSUM WALLBOARD PAINTED	8'-0"	
0007A	NEW STORAGE ROOM	VRT	6" RCB	CONCRETE BLOCK PAINTED	CONCRETE BLOCK PAINTED	EXISTING BRICK PAINTED	EXISTING BRICK PAINTED	EXISTING CONCRETE PAINTED / GYPSUM WALLBOARD PAINTED	7'-4"±	
0007B	EXISTING VESTIBULE	LVT	6" RCB	EXISTING BRICK PAINTED	EXISTING BRICK PAINTED	EXISTING BRICK PAINTED / CONCRETE BLOCK PAINTED	EXISTING BRICK PAINTED	EXISTING CONCRETE PAINTED / GYPSUM WALLBOARD PAINTED	EXISTING	
0003B	TOILET STALL	SEAMLESS TERRAZZO	6" PRECAST TERRAZZO	CONCRETE BLOCK PAINTED	–	CONCRETE BLOCK PAINTED	CONCRETE BLOCK PAINTED	GYPSUM WALLBOARD PAINTED	9'-0"	
0003C	SHOWER		CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	–			
0003D	SHOWER			–	CERAMIC TILE		CERAMIC TILE			
0003E	SHOWER			CERAMIC TILE	–					
0004A	SHOWER				CERAMIC TILE					
0004B	SHOWER				CERAMIC TILE					
0004J	SHOWER				–				8'-0"	
0004K	SHOWER				CERAMIC TILE		–		8'-0"	
0005A	TOILET STALL		6" PRECAST TERRAZZO	CONCRETE BLOCK PAINTED	–	CONCRETE BLOCK PAINTED	CONCRETE BLOCK PAINTED		9'-0"	

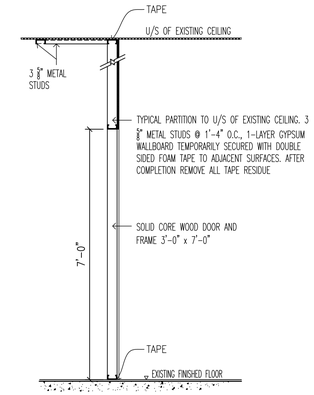
NOTES AND LEGEND

1. WHERE ALL EXISTING ELEMENTS TO BE REMOVED. PATCH ALL ADJACENT SURFACES FLUSH TO MATCH EXISTING.
2. EXISTING FLOORING AND BASE TO BE REMOVED. PATCH AND LEVEL CONCRETE SUB-FLOORING WHERE REQUIRED AND CLEAN BEFORE APPLYING NEW FLOORING AND BASE.
3. EXISTING BULKHEAD WALLS & CEILINGS, REMOVE ALL LOOSE FINISHES AND PATCH ALL HOLES, CRACKS, ETC. FLUSH TO MATCH WITH EXISTING BEFORE APPLYING NEW FINISHES.
4. REMOVE CLEAN AND REINSTALL ALL MECHANICAL GRILLS. PAINT ALL GRILLS, RADS, ETC. PREVIOUSLY PAINTED.
5. WHERE NEW FLOORING & BASE TO BE INSTALLED, REMOVE ALL EXISTING FINISHED FLOOR & BASE MATERIALS PATCH & LEVEL EXISTING SUB FLOOR, PROVIDE NEW TRANSITION THRESHOLDS TO EXISTING FLOORING IF REQUIRED.
6. PAINT ALL EXISTING OR NEW MECHANICAL AND ELECTRICAL ITEMS ON WALLS AND CEILINGS, BOXES, CONDUITS ETC. INCLUDING ALL PREVIOUSLY PAINTED ITEMS.
7. SCAN ALL FLOORS FOR UNDERGROUND SERVICES BEFORE CORING OR CUTTING.
8. PATCH ALL HOLES IN WALLS AND PLASTER CEILINGS FLUSH TO MATCH EXISTING.
9. GENERAL CONTRACTOR TO SITE VERIFY ALL DIMENSIONS.
10. ALL WALLS TO HAVE 2-FINISHED COATS AND 1-COAT COLOUR BLOCK PRIMER.
11. ON EXISTING SURFACES USE SPECIAL PRIMER FOR EXISTING OIL BASED PAINT TO NEW PAINTED SURFACES.
12. PAINT ALL EXPOSED PIPING, DUCTWORK AND GRILLES AT CEILINGS AND WALLS.
13. REMOVE AND REINSTALL ALL ITEMS SUCH AS FIRE EXTINGUISHERS, WIRE GUARD CAGES, NOTICE PLAQUES, SIGNS, WALL MATTS, ETC. ALL OTHER ITEMS TO BE FULLY MASKED OFF BEFORE PAINTING.
14. ALL EXISTING WALL GRAPHICS, LETTERING OR LOGOS TO BE PAINTED OVER USE COLOUR BLOCKING PRIMER.
15. DO NOT PAINT ANY RED FIRE EXTINGUISHER CABINETS OR GRILLES.
16. USE MOISTURE RESISTANT GYPSUM WALLBOARD IN SHOWERS.
17. USE ABUSE RESISTANT GYPSUM WALLBOARD IN ALL OTHER AREAS.
18. FOR NEW THIN-SET CEMENT SEAMLESS TERRAZZO (NOTED AS SEAMLESS TERRAZZO ON SCHEDULE) AND THIN-SET CEMENT SEAMLESS TERRAZZO PRECAST COVE TERRAZZO BASE (NOTED AS 6" PRECAST TERRAZZO BASE ON SCHEDULE) REFER TO SPECIFICATION SECTION 09623.

1 A4.02 ROOM FINISH SCHEDULE
N.T.S.

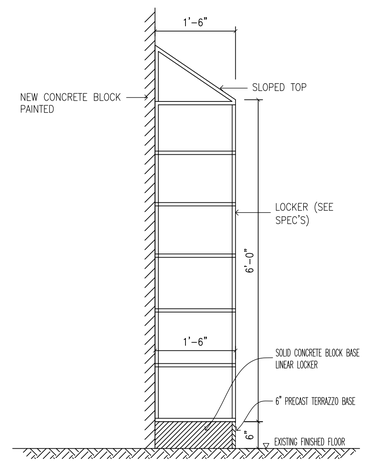


PLAN



SECTION C-C

2 A4.02 TYPICAL TEMPORARY CONSTRUCTION HOARDING DETAIL
1/2"=1'-0"



3 A4.02 LOCKER SECTION
3/4"=1'-0"

PROJECT NORTH

ONTARIO ASSOCIATION OF ARCHITECTS
RICHARD G. BUTTERWORTH
LICENCE 3859

HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD

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ROOM FINISH SCHEDULE AND DETAILS

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AS SHOWN	A4.02

PLOT SCALE: 1=1