



April 10, 2024

(19 pages)

ADDENDUM NO. 01

**REFERENCE NO. 2024-18-T
LEARNING COMMONS RENOVATIONS AT WOODMAN-CAINSVILLE SCHOOL,
AGNES G. HODGE PUBLIC SCHOOL AND SIMCOE COMPOSITE SCHOOL
FOR THE GRAND ERIE DISTRICT SCHOOL BOARD**

This Addendum is part of the Bid Document.

Clarification:

1. Note that there is a change in scope for Agnes G. Hodge Public School:
 - iii. Doors / Windows / Hardware
 - a. All roller blinds to removed and re-installed after renovation work.
 - b. **Existing Doors to remain. Replace door between Learning Commons 147 and office 148 with new hollow metal door complete with half light. Reuse existing door hardware.**
 - c. Remove double door and frame between Library 147 & Vestibule 123. Old door hardware to be salvaged and handed over to GEDSB.
 - d. Supply and install new door and frame with an accessible, 38" hollow metal, 1-hour fire rated door with a half light tempered glass window complete with CO-ED8200 Corbin Exit device or GEDSB approved equivalent, Horton automatic door opener and associated required electronics. Infill existing remaining opening with block to match Vestibule 123 wall.
 - e. All doors to be fitted with 8" x 34.5" stainless steel kickplates.
 - f. Paint all doors, including existing, as per specification. GEDSB to advise on colour.

QUESTIONS AND ANSWERS

Woodman-Cainsville School

Q1 Are the faucets for the sinks part of the Millwork Allowance as the allowance has the sink replacement as part of the allowance?

A1 Yes, they are included within this allowance.

Q2 Appendix A, B and C were not included as part of the Original Documents that we have. Is it possible to get those resent to us?

A2 I assume he means the ones in the attached picture? Do you have these?

Simcoe Composite School

Q3 Is Sink Replacement a part of the Millwork Allowance like it is for Woodman-Cainsville?

A3 Yes

Q4 Are the roller blinds part of the Doors/Window Allowance?

A4 Yes

Q5 I was reviewing the drawings that were sent with this tender.

Will these be the only drawings we will be using or will there be other tender drawings released as I am sure some of the Sub-Contractors will be asking for things like Floor Plan, Reflected Ceiling Plan, Elevations, Electrical, etc.

A5 Only drawings provided.

Q6 Identify which existing blinds require removal due to not meeting GEDSB standards.

A6 This will be coordinated with the successful contractor. This is covered under the window and door allowance so it will not change your bid price.

Q7 Is a dimensional drawing available for Simcoe, c/w wall schedule?

A7 See attached.

Q8 Does millwork allowance include for all cabinets, counters & windowsills?

A8 Yes.

Q9 Is plumbing included in Simcoe millwork allowance?

A9 Yes.

Q10 Will a lighting allowance be provided for Agnes G. Hodge & Simcoe?

A10 No.

Q11 Will a "Window & blinds" allowance be provided for Simcoe?

A11 Yes. This falls under the Doors and Windows allowance in the pricing table.

Q12 Confirm all allowances include labour and material.

A12 Confirmed.

- Q13 W2 wall type indicated in Woodman specifications, plan sketch shows W1. Please advise on wall types.
- A13 All walls are W1 as per Woodman Floor Plan.**
- Q14 Wall types W1 & W2 shown in Section 1005 General Instructions 1.1.b.7 are inconsistent with descriptions shown in 1.3 Specifications (i). Please advise on correct wall type descriptions.
- A14 W type 1 and 2 need to be switched in the specifications.**
- I. **W1 - 2 x 4 Metal Stud Construction (Baily Non-Load Bearing Studs), 1/2" Type-x Gypsum Board, Tape and Seal all Joints. 350S 162-43 Metal Studs @ 16" OC.**
 - II. **W2 - 1/2" Type-x Gypsum Board, Tape and Seal all Joints laminated onto existing block walls with Lepage PL Premium Max Construction Adhesive**
- Q15 Please provide wall and venting details for Woodman and Agnes G Hodge radiators.
- A15 Rad detail attached. No galvanized sheet metal required.**
- Q16 Is work associated with venting / ducting of radiators covered under Misc. Mechanical allowance or HVAC equipment?
- A16 No.**
- Q17 Advise on Simcoe and Agnes G. Hodge HVAC equipment scope.
- A17 Grills and Diffusers for both.**
- Q18 Confirm Appendix A lighting specification applies only to Woodland.
- A18 Appendix A for lighting is for Woodman ONLY.**
- Q19 Please provide Appendix B and C identified under Tender Drawings Reference Standards.
- A19 Please see attached**
- Q20 Tender Form indicates no markup on allowances. Is it assumed overhead and profit can be billed on allowance totals once actual contract item cost is confirmed? (similar to a contingency allowance)
- A20 No, there is no overhead and profit on allowances.**
- Q21 Specifications indicate contract award "based on total value of the base bid plus accepted separate prices". Site meeting discussions indicated each school will be awarded separately. Is the intent to award 3 separate contracts for this work?
- A21 Yes, each project will be awarded separately.**
- Q22 In regards to contract security requirements, will minimum contract amount apply to each school separately, or all schools combined?
- A22 Each school is being priced separately.**

Q23 Please confirm height of green visual walls.

A23 Floor to ceiling.

Q24 Confirm door infill area around new door at Agnes G. Hodge to receive painted brick at vestibule side, & drywall finish at library side.

A24 This scope is being removed as part of this addendum.

Q25 Is the furniture on the Opening The Book Drawing for Woodman-Cainsville part of the Millwork Allowance?

A25 Furniture on the opening book drawing will be provided by GEDSB. It is for reference only.

Q26 On the Learning Commons Pricing Table we will only be filling out the Extended Price Portion as well as the Mark-Up Section as well. Please let me know if this will prevent any issues.

A26 Fill in all the blank boxes of the pricing summary.

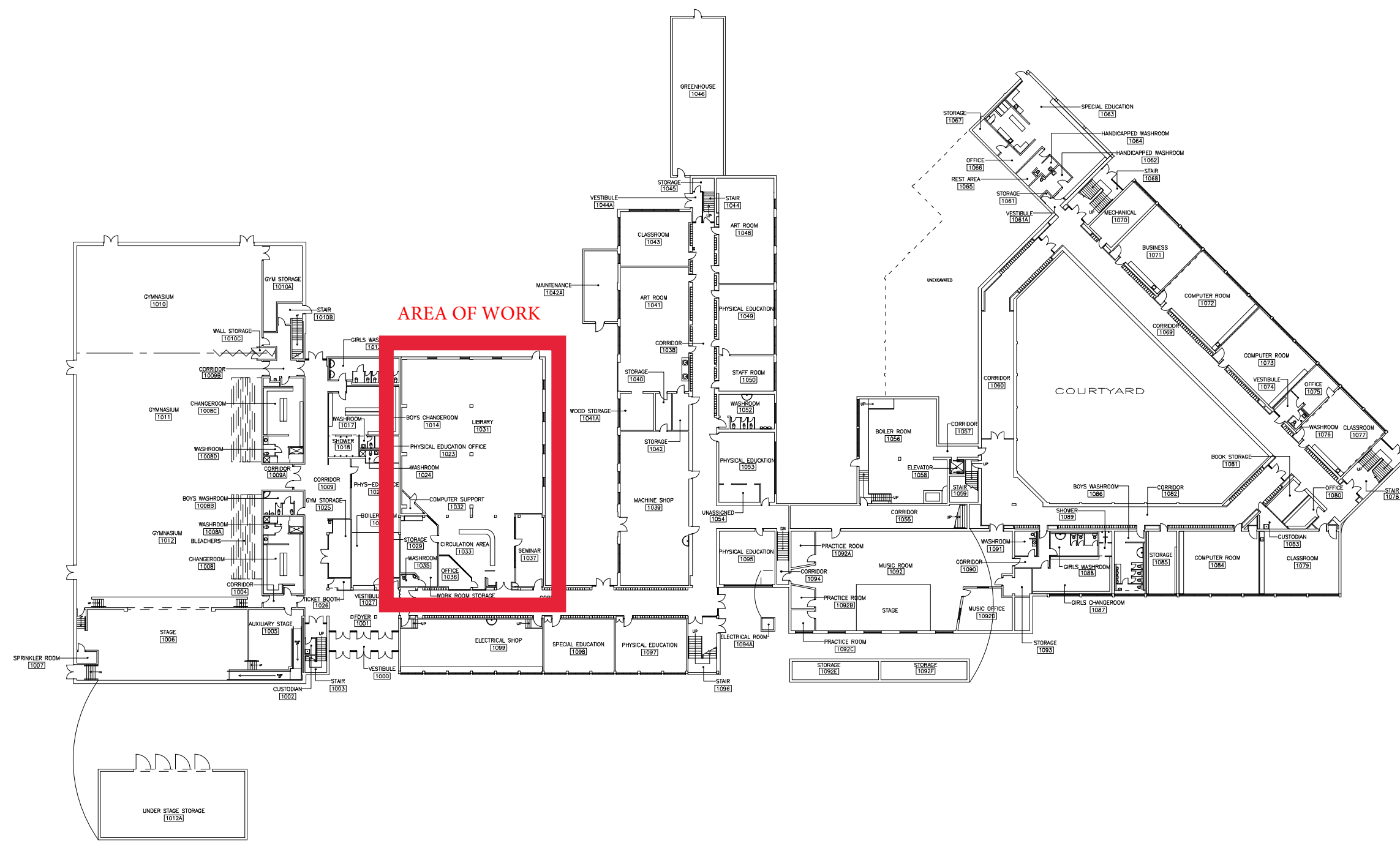
Will there be any other drawings issued for these three schools or have all the drawings been issued as per the original documentation.

All other terms & conditions remain unchanged.

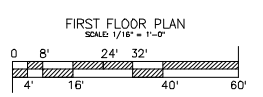
If you have any questions, please do not hesitate to contact the undersigned.

Bidders are required to acknowledge all Addenda in the space(s) provided on the Bidder's Declaration or attach all Addenda issued to the Bid.

Jennifer Moffatt
Buyer
jennifer.moffatt@granderie.ca



AREA OF WORK



FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"

REVISIONS TO STANDARD DETAILS - THIS NUMBER INDICATES THE DATE

NO.	DATE	DESCRIPTION
REV 01	10/01/00	ADDED TO STANDARD
REV 02	10/01/00	ADDED TO STANDARD
REV 03	10/01/00	ADDED TO STANDARD
REV 04	10/01/00	ADDED TO STANDARD
REV 05	10/01/00	ADDED TO STANDARD
REV 06	10/01/00	ADDED TO STANDARD
REV 07	10/01/00	ADDED TO STANDARD
REV 08	10/01/00	ADDED TO STANDARD
REV 09	10/01/00	ADDED TO STANDARD
REV 10	10/01/00	ADDED TO STANDARD
REV 11	10/01/00	ADDED TO STANDARD
REV 12	10/01/00	ADDED TO STANDARD
REV 13	10/01/00	ADDED TO STANDARD
REV 14	10/01/00	ADDED TO STANDARD
REV 15	10/01/00	ADDED TO STANDARD
REV 16	10/01/00	ADDED TO STANDARD
REV 17	10/01/00	ADDED TO STANDARD
REV 18	10/01/00	ADDED TO STANDARD
REV 19	10/01/00	ADDED TO STANDARD
REV 20	10/01/00	ADDED TO STANDARD
REV 21	10/01/00	ADDED TO STANDARD
REV 22	10/01/00	ADDED TO STANDARD
REV 23	10/01/00	ADDED TO STANDARD
REV 24	10/01/00	ADDED TO STANDARD
REV 25	10/01/00	ADDED TO STANDARD
REV 26	10/01/00	ADDED TO STANDARD
REV 27	10/01/00	ADDED TO STANDARD
REV 28	10/01/00	ADDED TO STANDARD
REV 29	10/01/00	ADDED TO STANDARD
REV 30	10/01/00	ADDED TO STANDARD
REV 31	10/01/00	ADDED TO STANDARD
REV 32	10/01/00	ADDED TO STANDARD
REV 33	10/01/00	ADDED TO STANDARD
REV 34	10/01/00	ADDED TO STANDARD
REV 35	10/01/00	ADDED TO STANDARD
REV 36	10/01/00	ADDED TO STANDARD
REV 37	10/01/00	ADDED TO STANDARD
REV 38	10/01/00	ADDED TO STANDARD
REV 39	10/01/00	ADDED TO STANDARD
REV 40	10/01/00	ADDED TO STANDARD
REV 41	10/01/00	ADDED TO STANDARD
REV 42	10/01/00	ADDED TO STANDARD
REV 43	10/01/00	ADDED TO STANDARD
REV 44	10/01/00	ADDED TO STANDARD
REV 45	10/01/00	ADDED TO STANDARD
REV 46	10/01/00	ADDED TO STANDARD
REV 47	10/01/00	ADDED TO STANDARD
REV 48	10/01/00	ADDED TO STANDARD
REV 49	10/01/00	ADDED TO STANDARD
REV 50	10/01/00	ADDED TO STANDARD
REV 51	10/01/00	ADDED TO STANDARD
REV 52	10/01/00	ADDED TO STANDARD
REV 53	10/01/00	ADDED TO STANDARD
REV 54	10/01/00	ADDED TO STANDARD
REV 55	10/01/00	ADDED TO STANDARD
REV 56	10/01/00	ADDED TO STANDARD
REV 57	10/01/00	ADDED TO STANDARD
REV 58	10/01/00	ADDED TO STANDARD
REV 59	10/01/00	ADDED TO STANDARD
REV 60	10/01/00	ADDED TO STANDARD

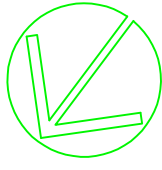
GRAND ERIE DISTRICT
SCHOOL BOARD



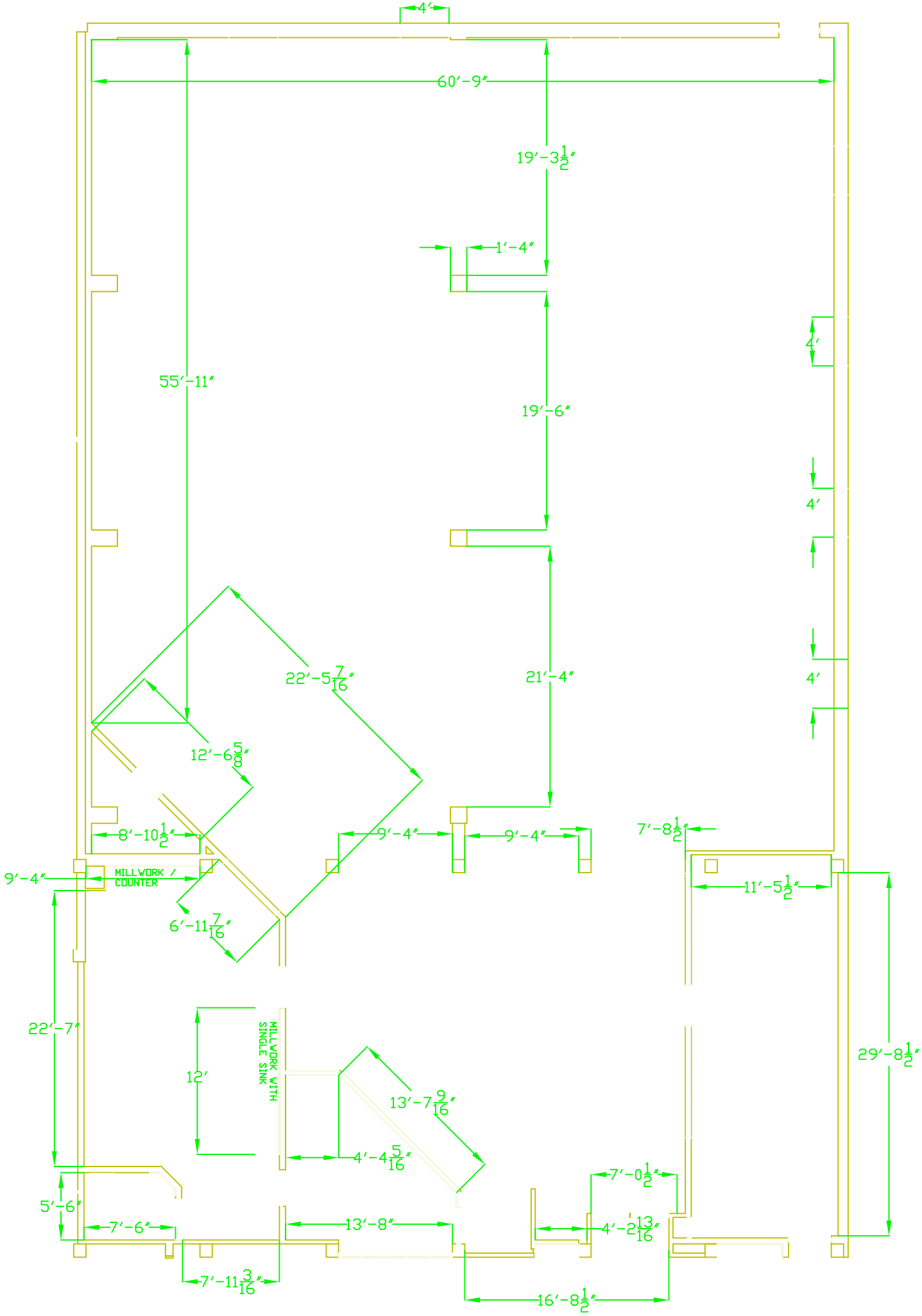
ARCHITECTURAL RENOVATIONS & ADDITIONS INCLUDED		
YEAR	ARCHITECT	PROJECT DESCRIPTION
2005	THE VENTIN GROUP LTD. ARCHITECTS	ADDITION AND RENOVATIONS
2001	LENNIS TROTTER ARCHITECT	MULTIPLE ROOM RENOVATIONS

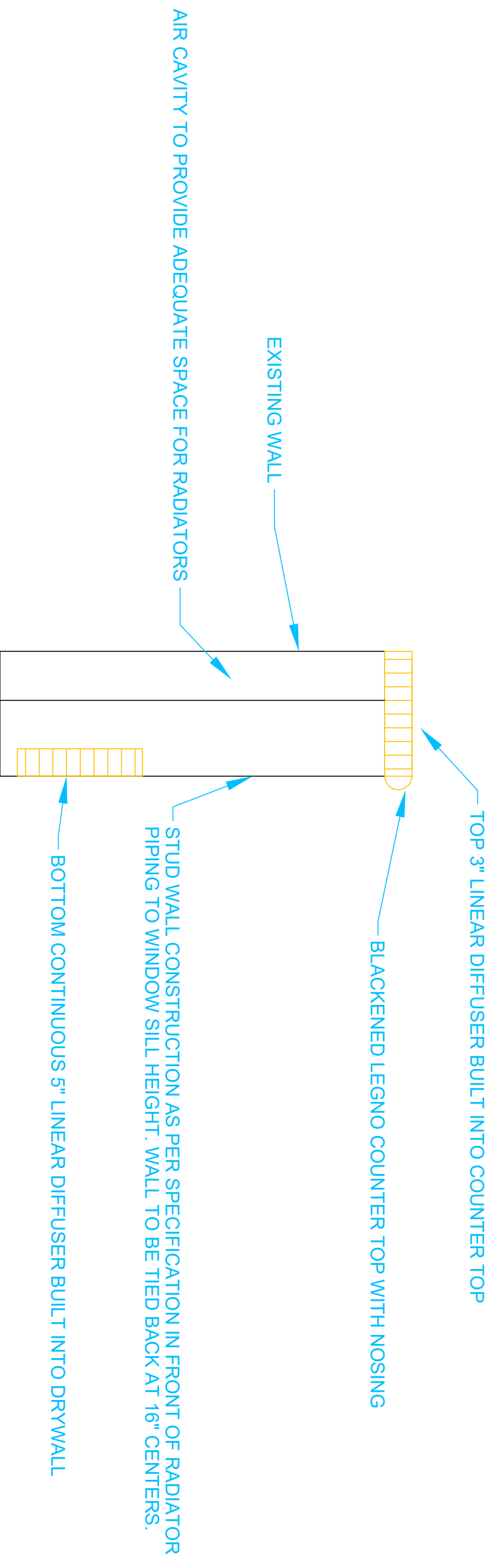
SINCE COMPOSITE SECONDARY SCHOOL			
FIRST FLOOR PLANS ARCHITECTURAL			
NO.	DATE	DESCRIPTION	BY
010	A-1		00

GRAND ERIE DISTRICT SCHOOL BOARD



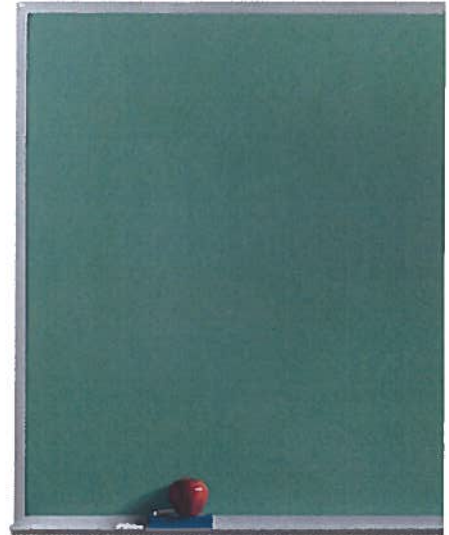
REV	DATE	DESCRIPTION	BY	CHKD
SIMCOE COMPOSITE SCHOOL				
TITLE: DIMENSIONS AND WALL TYPES				
SCALE: 1/8" = 1' 0"				
DWG No. KEY PLAN			REV	00







Interspec Systems Limited
995841 Mono/Adjala Townline, RR1 Rosemont, Ontario, Canada L0N 1R0
Toll free (866) 888 8981 Tel (705) 435-3780 Fax (705) 435-3770



Description JAMES HILLIER PS LEARNING COMMONS

Section _____

Project GRAND ERIE DIST. SCHOOL BOARD

Prepared by _____

Date _____

Quote # INS-3002

PO # _____

ENCLOSED	
<input type="checkbox"/>	Submittal
<input type="checkbox"/>	Re-submittal Rev # _____

CONTACT INFORMATION

NAME	TITLE	PHONE
<u>MATT HARTWICK</u>	<u>SUPERVISOR</u>	<u>226-387-1099</u>
_____	_____	_____
_____	_____	_____



School Control Panel Form - A



Interspec Systems Limited
995841 Mono/Adjala Townline RR1 Rosemont Ontario, Canada L0N 1R0
Tel: (705) 435-3780 Fax: (705) 435-3770 www.interspecsystems.com

DEVICE DETAILS		
Date: <i>FEB. 4TH 2019</i>	Customer: <i>GRAND ERIE DISTRICT SCHOOL BOARD</i>	
School: <i>JAMES HILLIER</i>	Contact Name: <i>MATT HARTWICK</i>	Delivery Date: <i>FEB 15TH 2019</i>

PLASTIC LAMINATE COLOURS	
Please select 2 colours (an alternate in case your first selection has been discontinued). Colours selected are from a standard colour range. FORMICA www.formica.com PIONITE www.pionite.com ARBORITE www.arborite.com WILSONART www.wilsonart.com	
Selection 1 <i>HARDROCK MAPLE 86992</i> COLOUR	<i>FORMICA</i> MANUFACTURER
Selection 1 <i>AMBER MAPLE 7012</i> COLOUR	<i>FORMICA</i> MANUFACTURER

DETAILS REQUIRED	
LIGHT SWITCHES <input checked="" type="checkbox"/> 120 v <input type="checkbox"/> 347 v <input type="checkbox"/> toggle <input type="checkbox"/> decora <input type="checkbox"/> other _____	DUPLEXES <input type="checkbox"/> regular <input checked="" type="checkbox"/> decora style <input type="checkbox"/> other _____
THERMOSTAT <input checked="" type="checkbox"/> 7/8 hole <input type="checkbox"/> 1104 box	PA CALL SWITCH <input type="checkbox"/> 1 3/8" x 13/16 punch out <input checked="" type="checkbox"/> 1104 box
FIRE ALARM <input checked="" type="checkbox"/> 1104 box <input type="checkbox"/> other _____	CLOCK <input type="checkbox"/> Flush mount battery <input checked="" type="checkbox"/> 1104 box <input type="checkbox"/> other _____
VOICE /DATA <input type="checkbox"/> blank <input checked="" type="checkbox"/> 1104 box <input type="checkbox"/> other _____	OTHER DEVICES
Other comments:	

Target Completion Date of Project:
Approved by: <i>MATT HARTWICK</i>
Phone: <i>226-381-1099</i>
Date: <i>FEB. 4TH 2019</i>

IMPORTANT

- Appropriate approval signature(s) are required on all drawings as authorization to proceed with manufacturing. Production will not commence without signed drawings.
- Interspec provides equipment only, installation by others.
- Please note that any delays in returning the approved submittals, or returning them with incomplete or inaccurate information, **WILL CAUSE DELAYS IN DELIVERY** or possibly units built with wrong electrical and communication services.
- Please verify that the above information (where already provided) is correct and supply the remaining information necessary to process the order.
- Where there are discrepancies between drawings and verification sheets the verification sheet will take precedence over the drawings.
- Standard delivery is 6-8 weeks after receipt of approved, signed shop drawings.



SHIPPING VERIFICATIONS

INFORMATION NEEDED TO PROCESS ORDER

GRAND ERLE 1ST. SCHOOL BOARD

CLIENT NAME / DATE

DELIVERY DATE

FEB 15TH 2019

REQUESTED DELIVERY DATE

MATT HARTWICK

APPROVED BY

SHIP TO ADDRESS

506 KNOOP C/O James Hillier PS

SHIP TO NAME

62 QUEENSWAY DRIVE

STREET NUMBER STREET NAME

BRANTFORD ON N3R 4W8

CITY PROVINCE POSTAL CODE

RECEIVING INFORMATION

On Site Contact JOE KNOOP Contact Phone 519-427-3126

Secondary/Emergency Contact MATT HARTWICK Secondary Contact Phone 226-387-1099

Hours for Delivery 6:30am - 3:00pm MONDAY TO FRIDAY

Type of receiving dock Ground Level Elevated Other

Restrictions NO OFFLOADING EQUIPMENT ONSITE.

Type of truck required LTL Direct PU truck Other

Equipment on site to unload & remove order/shipment from truck Forklift Pallet jack Other (specify below)
NONE.

Comments

IMPORTANT

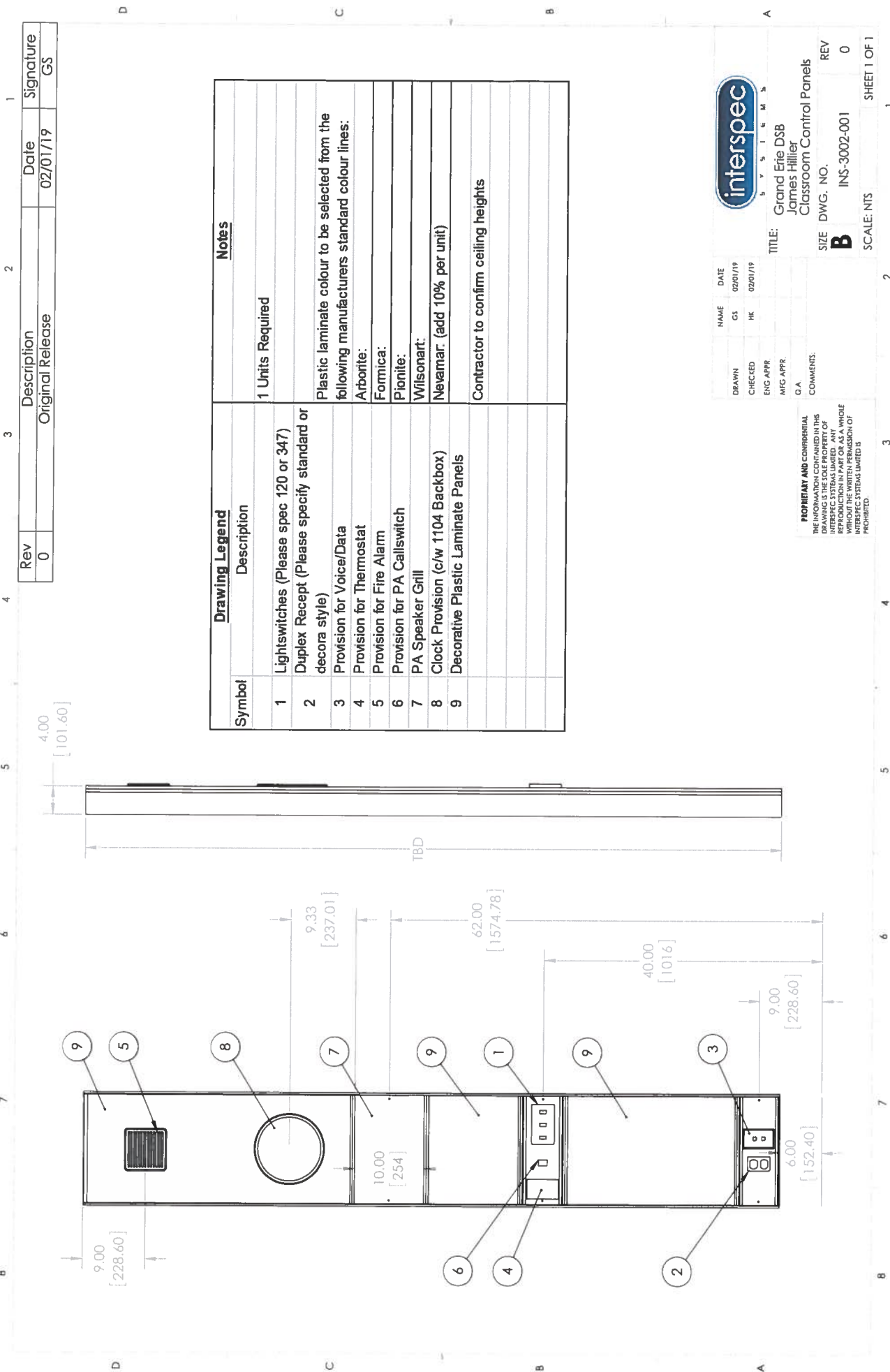
- Delays in returning the shipping verification page, **WILL CAUSE DELAYS IN DELIVERY.**
- Verify information is correct and provide remaining information necessary to process order.
- Interspec cannot be held responsible for delays in transportation.
- Unloading and receiving of the equipment at job site is the responsibility of the customer.
- Transportation charges will be invoiced as per quote.

PLEASE NOTE:
Re-direction of any shipment after it has left our dock will incur additional cost to the customer. Please ensure equipment/staff is available on site.

MATT HARTWICK 226-387-1099 FEB. 4TH 2019

APPROVED BY PHONE DATE

Interspec Systems Limited | 995841 Mono/Adjala Townline, RR1 Rosemont, Ontario, Canada L0N 1R0
Toll free (866) 888-8981 Tel (705) 435-3780 Fax (705) 435-3770



Symbol	Drawing Legend Description	Notes
1	Lightswitches (Please spec 120 or 347)	1 Units Required
2	Duplex Recept (Please specify standard or decora style)	Plastic laminate colour to be selected from the following manufacturers standard colour lines: Arbonte: Formica: Pionite: Wilsonart: Nevamar: (add 10% per unit)
3	Provision for Voice/Data	
4	Provision for Thermostat	
5	Provision for Fire Alarm	
6	Provision for PA Callswitch	
7	PA Speaker Grill	
8	Clock Provision (c/w 1104 Backbox)	
9	Decorative Plastic Laminate Panels	Contractor to confirm ceiling heights

Rev	Description	Date	Signature
0	Original Release	02/01/19	GS

interspec
S Y S T E M S

NAME: GS DATE: 02/01/19
 CHECKED: HK DATE: 02/01/19
 ENG APPR:
 MFG APPR:

TITLE: Grand Erie DSB
 James Hillier
 Classroom Control Panels

SIZE DWG. NO. **B** INS-3002-001 REV 0

SCALE: NTS SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF INTERSPEC SYSTEMS LIMITED. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF INTERSPEC SYSTEMS LIMITED IS PROHIBITED.

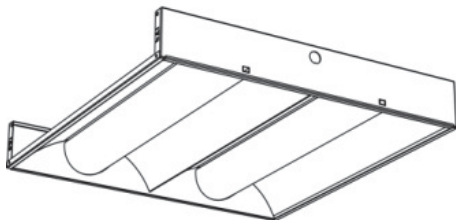
PRODUCTS PACKAGE

APPENDIX B



INTRODUCING

LRTJ – LED T-Bar Luminaire



High-Efficiency LED T-Bar Luminaire Type J

The Visioneering LRTJ is a premium-grade, recessed low-profile, parallel lensed T-Bar luminaire. The LRTJ is a beautiful addition to the LRT family of LED fixtures, offering exceptional optical performance equivalent or greater than standard fluorescent T-Bar luminaires. The LRTJ offers architectural appeal for modern applications with the benefits of long-life LED technology.



Features:

- Shallow design
- Enhanced, uniform light distribution
- Extruded acrylic lenses
- Standard low voltage dimming (0-10v)
- 80+ CRI
- 2100 – 6500 Lumens
- Available in 1x4, 2x2 and 2x4

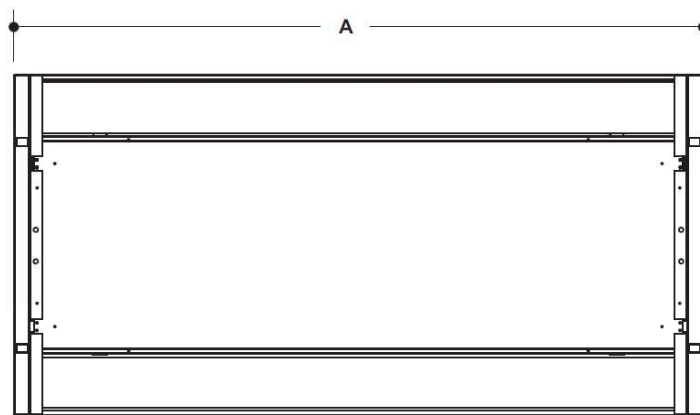
Specifications:

- White polyester powder painted
- Rated to deliver L80 performance > 50,000 hours
- Approved to CSA/UL standards
- Tested in accordance to IESNA LM-79
- DesignLights Consortium® Qualified
- **Applications:** Office Areas, Retail Stores, Classrooms, Corridors

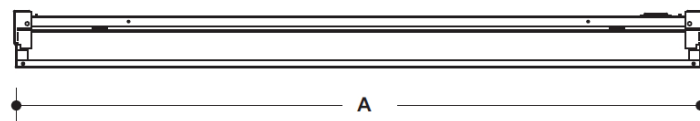
Item #	Catalog #	Lumens	Watts	CCT	Voltage*	Pallet Qty	DLC	Delivery
38018	LRTJ1X4-LED835K021LUNV-B01X11	2100	24	3500	120-277	36		10 Day
38019	LRTJ1X4-LED835K033LUNV-B01X11	3300	36	3500	120-277	36		10 Day
38020	LRTJ1X4-LED840K021LUNV-B01X11	2100	24	4000	120-277	36		10 Day
38021	LRTJ1X4-LED840K033LUNV-B01X11	3300	36	4000	120-277	36		10 Day
38279	LRTJ2X2-LED830K021LUNV-B01X11	2100	24	3000	120-277	48		CF**
38281	LRTJ2X2-LED830K030LUNV-B01X11	3000	36	3000	120-277	48	✓	CF**
38022	LRTJ2X2-LED835K021LUNV-B01X11	2100	24	3500	120-277	48		3 Day
38023	LRTJ2X2-LED835K032LUNV-B01X11	3200	36	3500	120-277	48	✓	3 Day
38024	LRTJ2X2-LED840K021LUNV-B01X11	2100	24	4000	120-277	48	✓	Stock
37951	LRTJ2X2-LED840K033LUNV-B01X11	3300	36	4000	120-277	48	✓	Stock
38284	LRTJ2X2-LED850K021LUNV-B01X11	2100	24	5000	120-277	48	✓	CF**
38283	LRTJ2X2-LED850K033LUNV-B01X11	3300	36	5000	120-277	48		CF**
38299	LRTJ2X4-LED830K037LUNV-B01X11	3700	42	3000	120-277	24	✓	CF**
38025	LRTJ2X4-LED835K037LUNV-B01X11	3700	42	3500	120-277	24	✓	3 Day
37920	LRTJ2X4-LED835K065LUNV-B01X11	6500	68	3500	120-277	24	✓	3 Day
38027	LRTJ2X4-LED840K038LUNV-B01X11	3800	42	4000	120-277	24	✓	Stock
38300	LRTJ2X4-LED850K041LUNV-B01X11	4100	68	5000	120-277	24	✓	CF**
38028	LRTJ2X4-LED840K065LUNV-B01X11	6500	68	4000	120-277	24	✓	3 Day

*Consult factory for 347v availability **Consult Factory

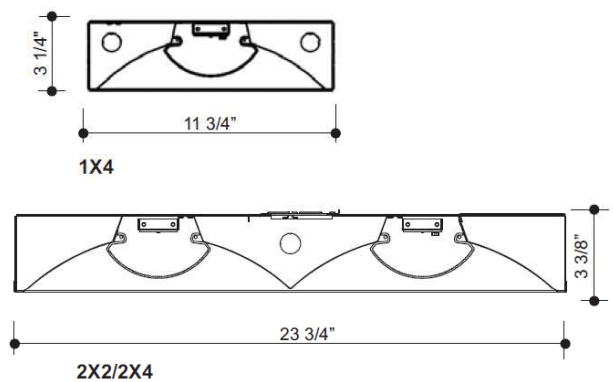
Dimensions



Back View



Side View



End Views

MODEL	NOMINAL LENGTH	A
1x4	12"	47 3/4"
2x2	24"	23 3/4"
2x4	48"	47 3/4"

PRODUCTS PACKAGE

APPENDIX C

CORTEGA®/CORTEGA® Second Look®

Square Lay-in & Tegular
medium texture



Cortega® Angled Tegular panels with Prelude® 15/16" suspension system (Pgs. 391-392)



Cortega® Second Look® II panels with Suprafine® 9/16" suspension system (Pgs. 400-401)

Cortega® panels offers a medium-textured, economical solution with standard acoustical absorption.

KEY SELECTION ATTRIBUTES

- Economical
- Non-directional visual reduces scrap and installation time (excludes Second Look® items)
- Geometric Scored Visuals (Second Look items)

TYPICAL APPLICATIONS

- Storage and supply rooms
- Discount stores
- Utility Rooms

FACE VIEW



Cortega Second Look I panels – Scoring creates nominal 12" x 12" squares



Cortega Second Look II panels – Scoring creates nominal 24" x 24" squares

COLORS Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.



White (WH)



Tech Black (BL)
Item 769

DETAILS (Other Suspension Systems compatible. Refer to listing on page 244.)



1. Cortega Square Lay-in
2. Cortega Beveled Tegular
3. Cortega Second Look
4. Cortega Lay-in with Prelude 15/16" suspension system
5. Cortega Beveled Tegular with Suprafine 9/16" suspension system

CORTEGA®/CORTEGA® Second Look®

Square Lay-in & Tegular
medium texture

UP TO **43%** CORTEGA
55% CORTEGA
RECYCLED CONTENT 2nd LOOK

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®
energy management
construction waste mgmt
regional materials
design for flexibility
EPD
recyclable/extended producer resp.
biobased materials
recycled content
sourcing of raw materials
material ingredient reporting
low emitting materials
lighting quality
acoustics

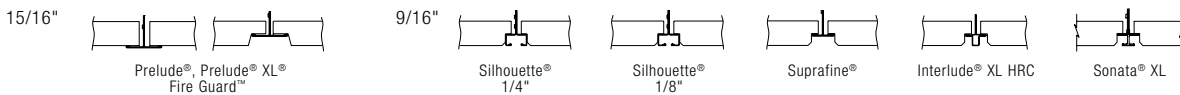
LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 407-411 armstrongceilings.com/catdwgs	Item No. ♦	Dimensions (Inches)	
CORTEGA® Square Lay-in				
	1	770 770M	24 x 24 x 5/8"	
		824 824M	24 x 24 x 5/8"	
		769 - ♦ 769M	24 x 48 x 5/8"	
		823 823M	24 x 48 x 5/8"	
		747	24 x 48 x 5/8"	
		773 773M	20 x 60 x 5/8"	
		772 772M	24 x 60 x 5/8"	
		Other Size Panels	W: 12" - 30" / L: 18" - 72" 5/8" Thick	
CORTEGA Tegular				
	12	704 704M	24 x 24 x 5/8"	
		816	24 x 24 x 5/8"	
		703 703M	24 x 48 x 5/8"	
	29, 44, 48, 52, 56	2195 2195M	24 x 24 x 5/8"	
		Other Size Panels	W: 12" - 30" / L: 18" - 72" 5/8" Thick	
CORTEGA® Second Look® I				
	11	2765	24 x 48 x 3/4"	
CORTEGA Second Look II				
	11	2758	24 x 48 x 3/4"	
		2767	24 x 48 x 3/4"	
	27	2776	24 x 48 x 3/4"	

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. ♦ Add 2-letter color suffix to item number when specifying or ordering (e.g., 769 B L).

SUSPENSION SYSTEMS * Item 2195 - CAC 31 on 9/16" Silhouette®.



NOTE: 9/16" Cortega Second Look items are installed using Suprafine® suspension systems only.

PHYSICAL DATA

Material

Wet-formed mineral fiber

Surface Finish

Factory-applied latex paint

Fire Performance

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies (Class A).

ASTM E1264 Classification

Type III, Form 2, Pattern C D

Humidity/Sag Resistance

Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.

VOC Emissions

Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189, ANSI/GBI Green Building Assessment Protocol. (Excludes 769BL)

Primary (Embodied) Energy

See all LCA information on our EPD's.

High Recycled Content

Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value

2195, 704, 816, 703 - R Factor - 1.6 (BTU units); R Factor - 0.28 (Watts units)
770, 772, 769, 773, 823, 824 - R Factor - 1.5 (BTU units); R Factor - 0.26 (Watts units)

747, 2765, 2758, 2767, 2776 - R Factor - 1.5 (BTU units); R Factor - 0.26 (Watts units)

Weight; Square Feet/Carton

769 - 0.61 lbs/SF; 96 SF/ctn
704, 2195 - 0.63 lbs/SF; 64 SF/ctn
772, 773 - 0.63 lbs/SF; 100 SF/ctn
703 - 0.65 lbs/SF; 80 SF/ctn
770 - 0.69 lbs/SF; 64 SF/ctn
816 - 1.08 lbs/SF; 48 SF/ctn
823 - 1.09 lbs/SF; 48 SF/ctn
747, 824 - 1.09 lbs/SF; 64 SF/ctn
2765, 2767 - 0.73 lbs/SF; 80 SF/ctn
2758 - 1.26 lbs/SF; 64 SF/ctn
2776 - 0.70 lbs/SF; 80 SF/ctn

Minimum Order Quantity

1 carton, excludes other size panels.

Metric Items Available

770M, 824M, 769M, 773M, 772M, 2195M, 704M, 703M, 823M - Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine / 1 877 276-7876
armstrongceilings.com/commercial
(search: cortega)
BPCS-3017/3022-517

LEED® is a registered trademark of the U.S. Green Building Council
UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates
© 2016-2017 AWI Licensing LLC Printed in the United States of America

Armstrong®
CEILING & WALL SOLUTIONS

244



MINERAL FIBER