

This Addendum forms part of the contract documents and is to be read, interpreted, and co-ordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject the Bidder to disqualification.

## **PART 1 INDEX**

### **WRITTEN PORTION:**

Refer to consultant addendums for their respective changes

	<b>No. OF PAGES</b>
Architectural Addendum .....	<b>20</b>
Electrical Addendum E1 .....	<b>8</b>
Mechanical Addendum M1/R1 .....	<b>5</b>
Civil Addendum C1 .....	<b>4</b>

## **ARCHITECTURAL ATTACHMENTS**

### **SPECIFICATIONS:**

01 14 00 Work Restrictions  
01 21 00 Cash Allowance  
01 35 35 Fire Safety Requirements  
07 46 50 Preformed Metal Siding  
08 14 16 Flush Wood Doors

### **DRAWINGS:**

A001 Demolition Site Plan – Rev. 08  
A002 Proposed Site Plan – Rev 09  
A201 Elevations – Rev. 08  
A105 RCP – Rev. 07  
A106 RCP – Rev. 07

## **ARCHITECTURAL**

### **I CHANGES TO SPECIFICATIONS**

- .1 01 14 00 Work Restrictions  
All changes in the specification are shown in blue, refer to the spec section attached.
- Item 1.2.2.  
Description: Note added "Refer to Demolition Site Plan for location of Contractor Access"
- Item 1.3.2.

This Addendum forms part of the contract documents and is to be read, interpreted, and co-ordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject the Bidder to disqualification.

Description: Dates and hours of work updated. Refer to specs for specified times for each portion of work.

Item 1.3.3.1.

Description: GC is to provide construction schedule to UCDSB Project Manager for approval prior to commence of work.

Item 1.3.3.1.4 to 9

Descriptions: Further instructions added for Site Works:

- .1 Building Occupancy and Handover to be completed by July 3rd, 2028
- .2 Occupancy and Handover for site works to be completed by August 14, 2028
- .3 Portable disconnect and removals (removal by others), new site fencing in West yard and bus lane construction to be completed in the summer (June to August) 2028 and is to be accessible to students as of August 14, 2028.
- .4 All other site work, such as but not limited to sports field and playground relocation and associated fencing to be completed over July and August of 2026 and is to be accessible to students as of September 1<sup>st</sup>, 2026 and remain accessible for the duration of the contract.
- .5 Work on existing rooftop units to be completed outside of school hours and childcare hours. Existing RTU's are to remain operational until replacement.

Item 1.4.6.

Description: Note added: "Ensure construction fencing is maintained around the work areas at all times".

- .2 01 21 00 Cash Allowance  
Description: New Spec section added, refer to the attachments
- .3 01 35 35 Fire Safety Requirements  
Description: New Spec section added, refer to the attachments
- .4 07 46 50 Preformed Metal Siding  
Description: M2 metal siding colour changed to Tan 56074
- .5 08 14 16 Flush Wood Doors  
Description: New spec section added, refer to the attachments

## **II CHANGES TO DRAWINGS**

All revisions are bubbled on the drawing.

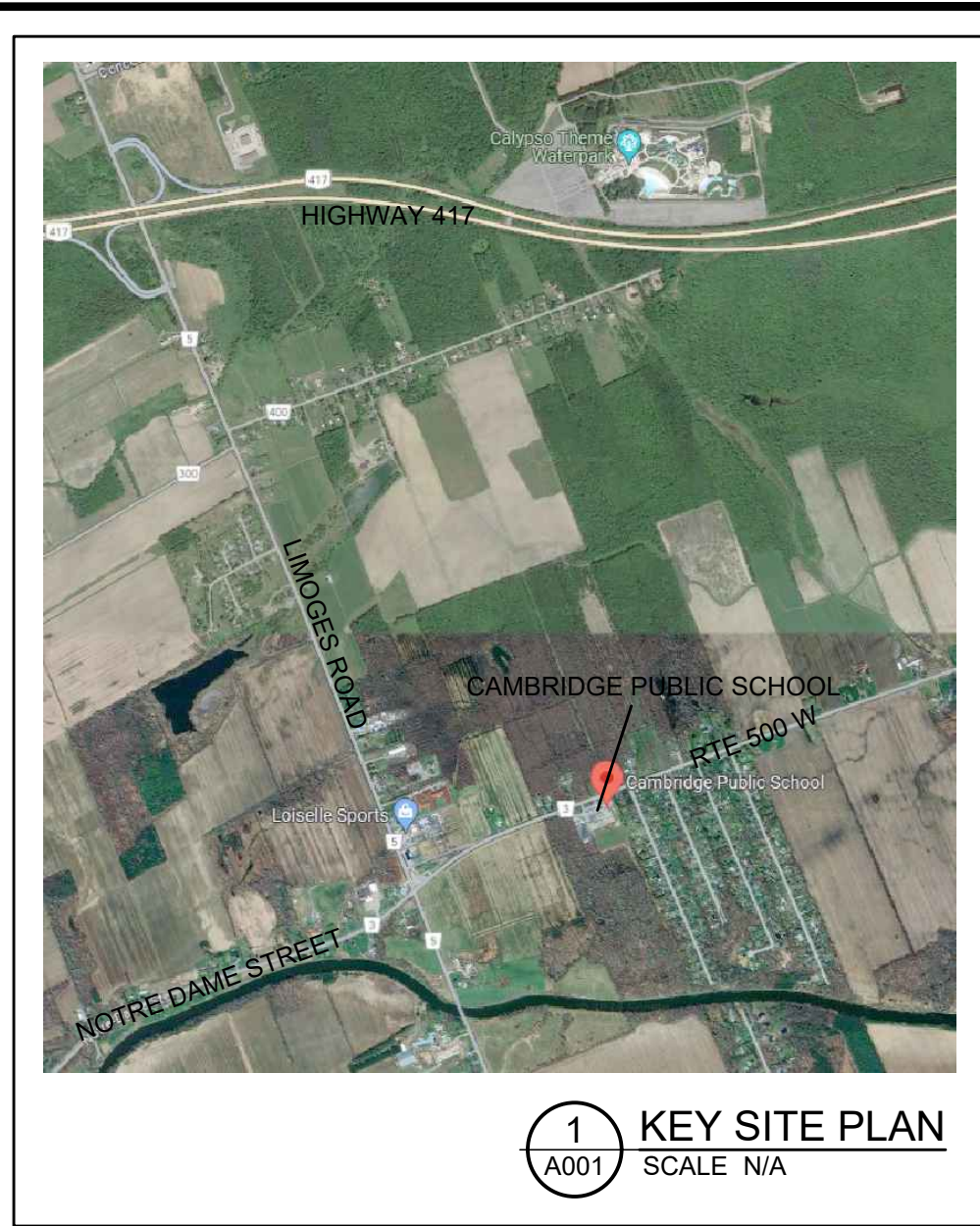
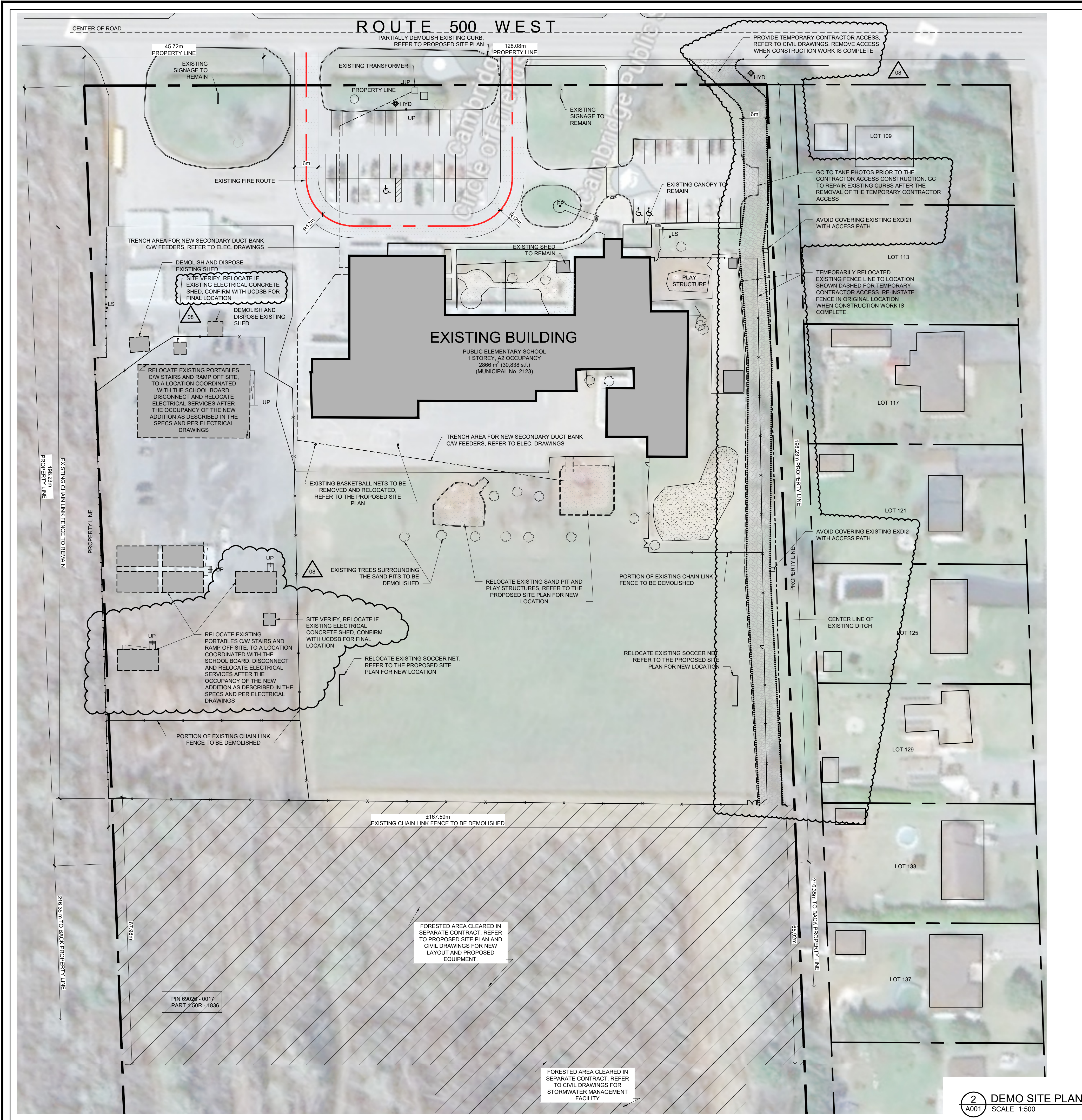
- .1 A001 – Demolition Site Plan  
Description:
  - .1 Demolition Site Plan updated to what is currently on site, as seen at the Job Showing on April 16, 2026.

This Addendum forms part of the contract documents and is to be read, interpreted, and co-ordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject the Bidder to disqualification.

- .1 Location and number of portables updated
  - .2 Location of the concrete shed updated
- .2 Note added to remove the temporary contractor access when the construction work is complete.
- .3 Note added for GC to repair existing curb at parking lot after the removal of the temporary contractor access
- .4 Temporary contractor access path and fence line adjusted to avoid center of ditch, existing EXDI21 and EXDI2. Refer to Civil's addendum for details.
  
- .2 A002 – Proposed Site Plan  
Description:
  - .1 Note added to show location of new sod in soft landscape area
  - .2 Curbs at Route 500 West updated per SPA comments to provide new curbs and sidewalk.
  - .3 GC to confirm with UCDSB final location of electrical shed
  
- .3 A201 – Elevations  
Description: M2 Metal siding colour changed to Tan
  
- .4 A105 and A106 – Reflected Ceiling Plan  
Description: Roller shades added to reflected ceiling plan. (Spec section 12 21 13 Roller Shades already included in the tender documents)

**END OF SECTION**





LEGEND	
	PROPERTY LINE
	FIRE ROUTE
	SCHOOL BUS ROUTE
	EXISTING BUILDING
	PROPOSED ADDITION
	BUILDING ENTRANCE / EXIT
	EXISTING FLAG POLE
	EXISTING LIGHT STANDARD
	EXISTING UTILITY POLE
	EXISTING FIRE HYDRANT
	PORTION OF EXISTING CHAIN LINK FENCE TO REMAIN
	PORTION OF EXISTING CHAIN LINK FENCE TO DEMOLISH



no.	revision	date
08	ISSUE FOR ADDENDUM 1	24 APR 2026
07	ISSUE FOR RE-TENDER	1 APR 2026
06	ISSUE FOR TENDER	10 FEB 2026
05	ISSUE FOR BUILDING PERMIT	8 DEC 2025
04	ISSUE FOR COST ESTIMATE	21 NOV 2025
03	ISSUE FOR 80% REVIEW	14 OCT 2025
02	ISSUE FOR 50% REVIEW	17 SEPT 2025
01	ISSUE FOR CLIENT APPROVAL	7 AUG 2025

**N45 ARCHITECTURE INC.**  
71 Bank Street, 7th Floor - Ottawa, Ontario, K1P 5N2  
tel. 613.224.0095 fax 613.224.9811

**UPPER CANADA DISTRICT SCHOOL BOARD**

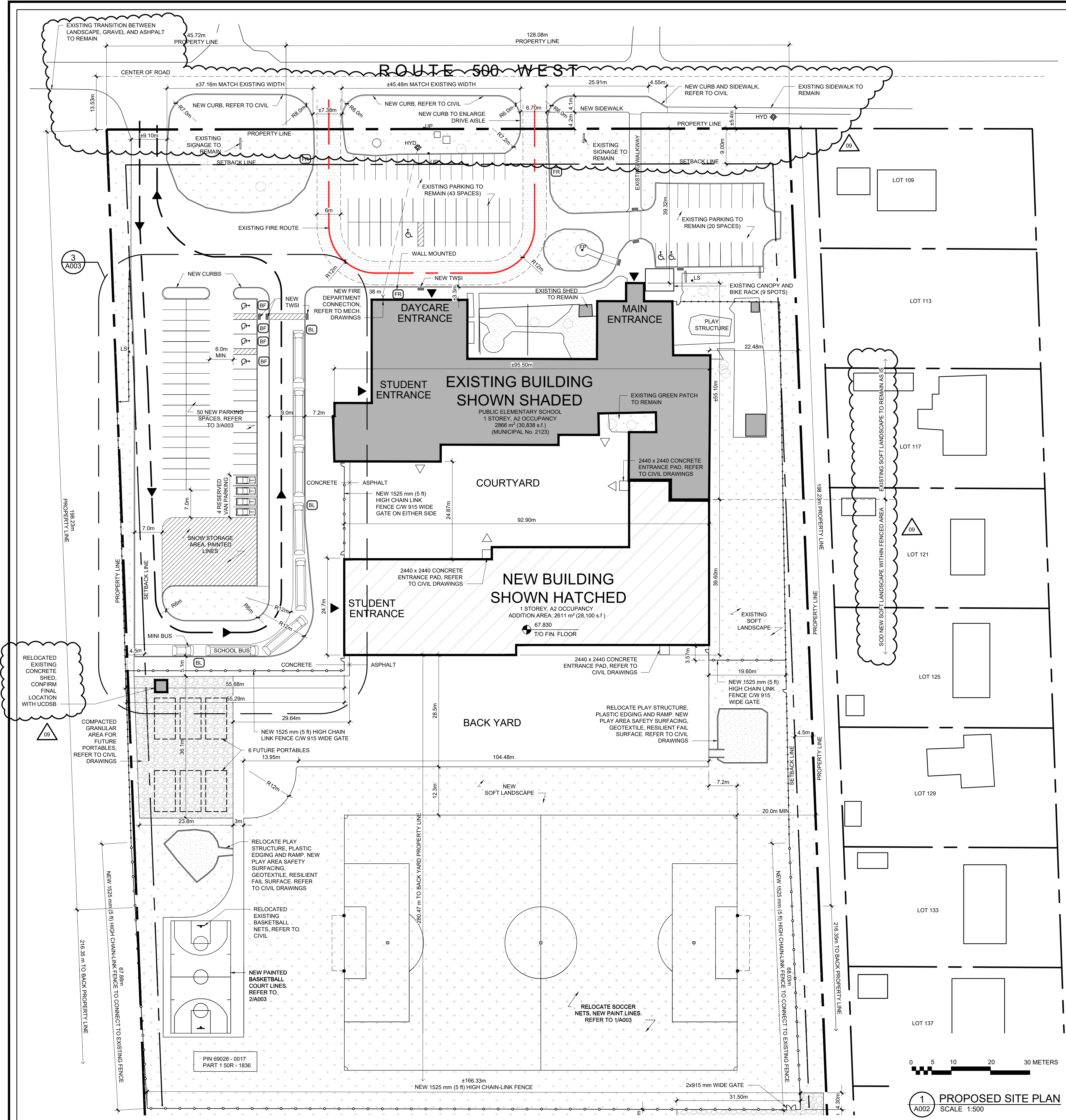
**CAMBRIDGE PUBLIC SCHOOL**  
2123 RTE 500 W  
EMBRUN, ON

seal

drawing title	
DEMOLITION SITE PLAN	
scale AS SHOWN	drawn by DL
date 2025	checked by NR
project number 25-894	drawing number A001
CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.	
DO NOT SCALE DRAWINGS	
revision 08	

2 A001 DEMO SITE PLAN SCALE 1:500





**LEGEND**

- PROPERTY LINE
- FIRE ROUTE
- SCHOOL BUS ROUTE
- EXISTING BUILDING
- PROPOSED ADDITION
- BUILDING ENTRANCE / EXIT
- EXISTING FLAG POLE
- EXISTING LIGHT STANDARD
- EXISTING UTILITY POLE
- EXISTING FIRE HYDRANT
- PORTION OF EXISTING CHAIN LINK FENCE TO REMAIN
- PORTION OF EXISTING CHAIN LINK FENCE TO DEMOLISH
- NEW BARRIER-FREE PARKING SIGNAGE, REFER TO SPEC
- NEW NO PARKING, BUS LANE SIGNAGE, REFER TO SPEC
- NEW FIRE ROUTE SIGN, REFER TO SPEC

**PROJECT INFORMATION**

**TOPOGRAPHICAL PLAN INFORMATION:**  
SURVEY PROPERTY BOUNDARIES TAKEN FROM TOPOGRAPHICAL PLAN OF PART OF LOT 20, CONCESSION 8, GEOGRAPHIC TOWNSHIP OF CAMBRIDGE, NOW THE NATION MUNICIPALITY, COUNTY OF RUSSELL, ONTARIO.  
DATE: OCT 31, 2013

**OWNER:**  
UPPER CANADA DISTRICT SCHOOL BOARD  
REP: JULIA TEAL  
225 CENTRAL AVE. W.  
BROCKVILLE, ON  
K6V 5K1

**PREPARED BY:**  
K. ADAMS SURVEYING LTD.  
DATE: OCT 31, 2013

**SURVEYOR:**  
K. ADAMS SURVEYING LTD.  
INGLESIDE, ONTARIO

**CIVIL ENGINEER:**  
EVB ENGINEERING  
JOSH EAMON  
800 SECOND ST. W.  
CORNWALL, ON  
K6J 1H6

**ARCHITECT:**  
N45 ARCHITECTURE INC.  
NATHALIE ROUTHIER  
71 BANK STREET, 7TH FLOOR  
OTTAWA, ON  
K1P 5N2

**BUILDING CLASSIFICATION:**  
THE BUILDING IS CLASSIFIED AND DESIGNED TO CONFORM TO THE ONTARIO BUILDING CODE 2020.

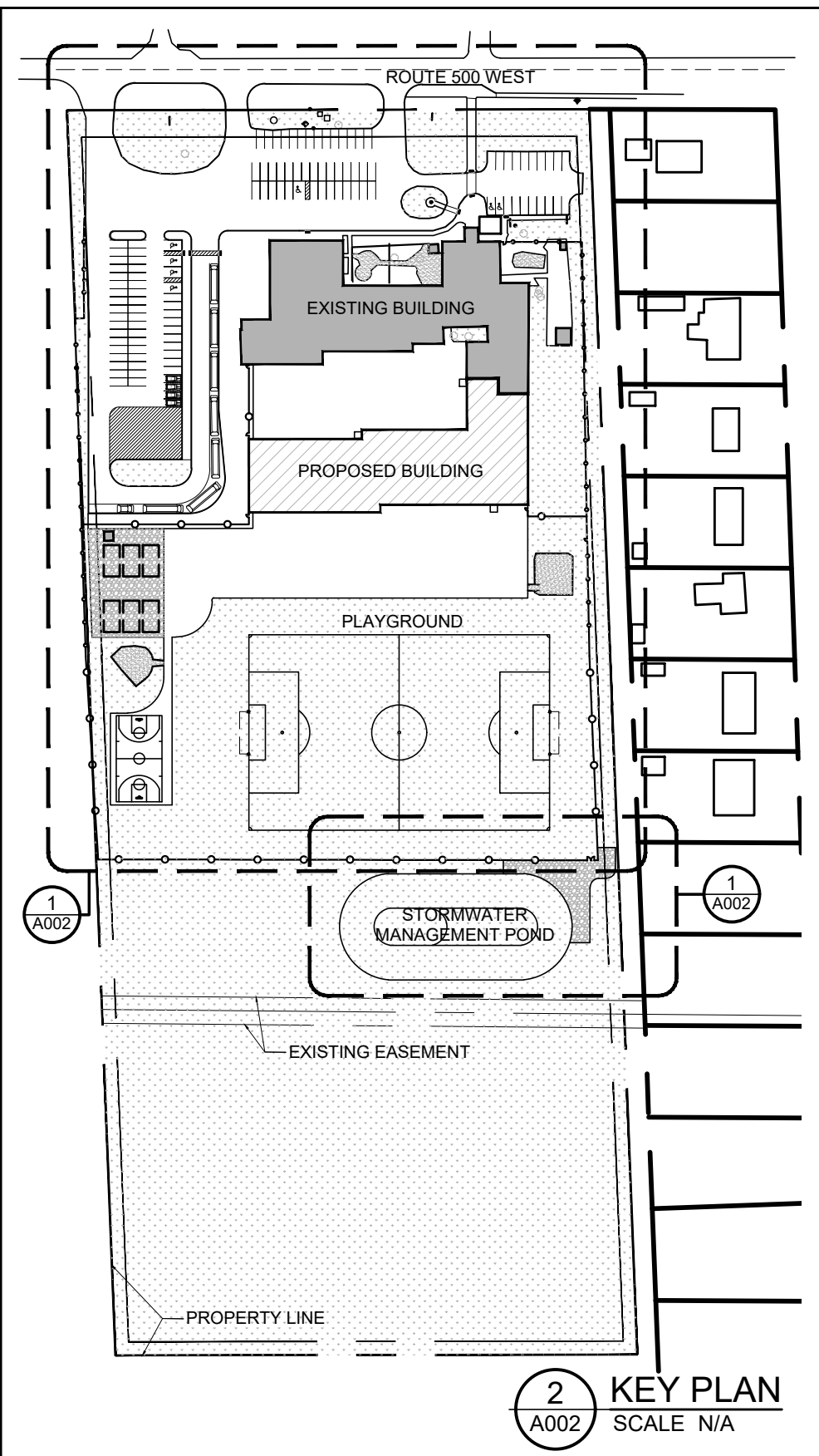
**BUILDING STATISTICS:**  
NUMBER OF STOREYS: 1  
OCCUPANCY: GROUP A, DIVISION 2, O.B.C. 3.2.2.24.  
THE EXISTING BUILDING IS NON-SPRINKLERED  
NEW ADDITION: SPRINKLERED

**NUMBER OF ACCESS ROUTES REQUIRED: 1**  
CONSTRUCTION TYPE: NON-COMBUSTIBLE CONSTRUCTION

**ZONING INFORMATION**

NOTE: ALL ZONING DEFINITIONS AND REQUIREMENTS AS PER THE NATION MUNICIPALITY COMPREHENSIVE ZONING BY LAW

ZONING MECHANISM	REQUIRED	PROVIDED
ADDRESS	2123 RTE 500 W. EMBRUN, ON	ELEMENTARY SCHOOL
DEFINITION	I INSTITUTION	
MIN. LOT WIDTH	15 m	173.8 m
MIN. LOT AREA	400 m <sup>2</sup>	71,960 m <sup>2</sup> (7,196 ha.)
MIN. FRONT YARD SETBACK	9 m	39.3 m
MIN. INT. SIDE YARD SETBACK	4.5 m	22.5 m MIN.
MIN. REAR YARD SETBACK	9 m	280.5 m
MIN. BUILDING SEPARATION	1.2 m	24.3 m MIN.
MAX. LOT COVERAGE	40%	7%
MAX. BUILDING HEIGHT	12 m	4.8 m
LOT COVERAGE BY LANDSCAPE	-	56%
STANDARD PARKING SPACE	2.7m x 6.0m	2.7m x 6.0m
ACCESSIBLE PARKING SPACE	3.7m x 6.0m 5 1 PER EVERY 20 PARKING SPACES	4 NEW + 1 EXISTING
PARKING REQUIREMENTS SCHOOL	90 2 SPACES PER CLASSROOM 35 CLASSROOMS DAY CARE: 1 PER EMPLOYEE + 1 SPACE PER 5 CHILDREN 6 DAY CARE STAFF + 34 CHILDREN	113
GROSS FLOOR AREA		5477 m <sup>2</sup> (58,938 s.f.)
BUILDING AREA (FOOTPRINT)		5477 m <sup>2</sup> (58,938 s.f.)
EXISTING		2866 m <sup>2</sup> (30,838 s.f.)
ADDITION		2611 m <sup>2</sup> (28,100 s.f.)



**UPPER CANADA DISTRICT SCHOOL BOARD**

**Cambridge Public School**  
2123 RTE 500 W  
EMBRUN, ON

**Project North**

scale  
AS SHOWN

date  
2025

project number  
**25-894**

drawn by  
DL

checked by  
NR

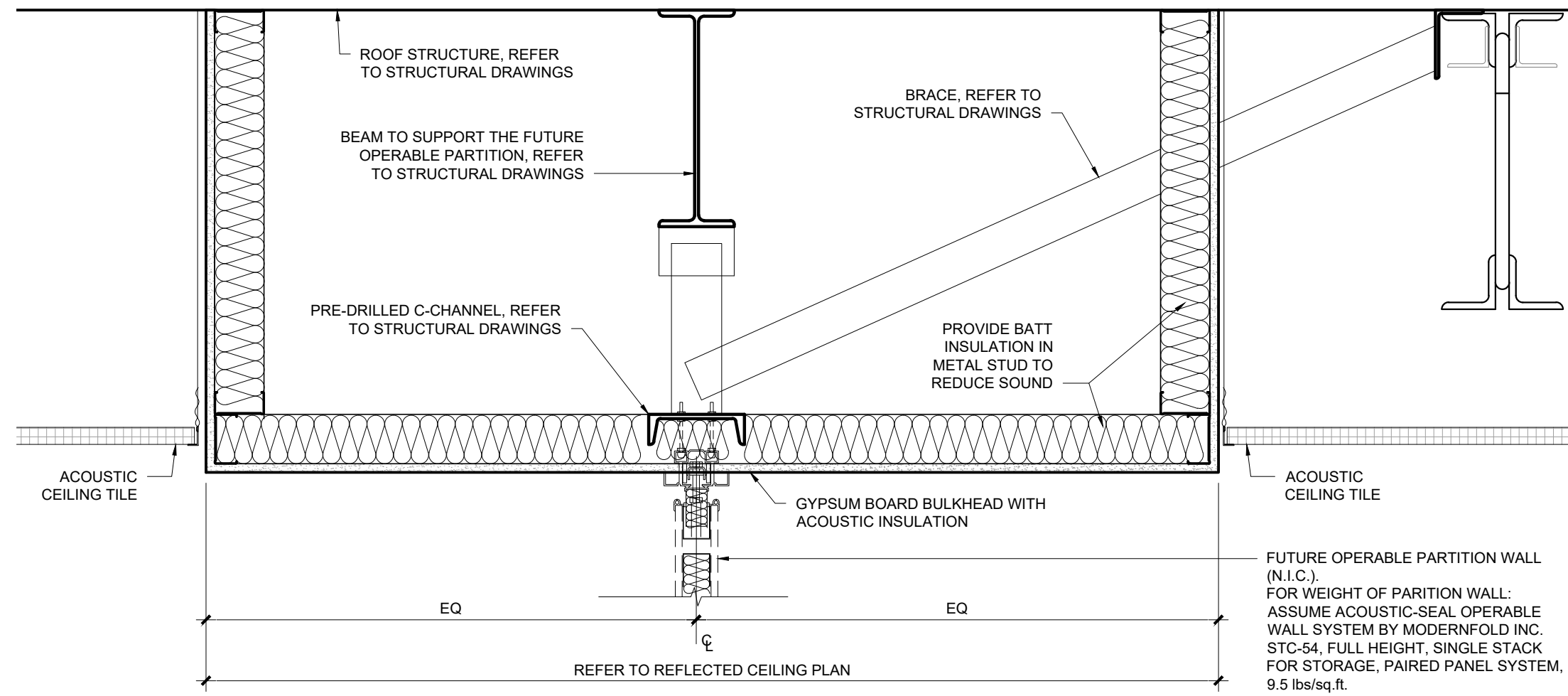
drawing number  
**A002**

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

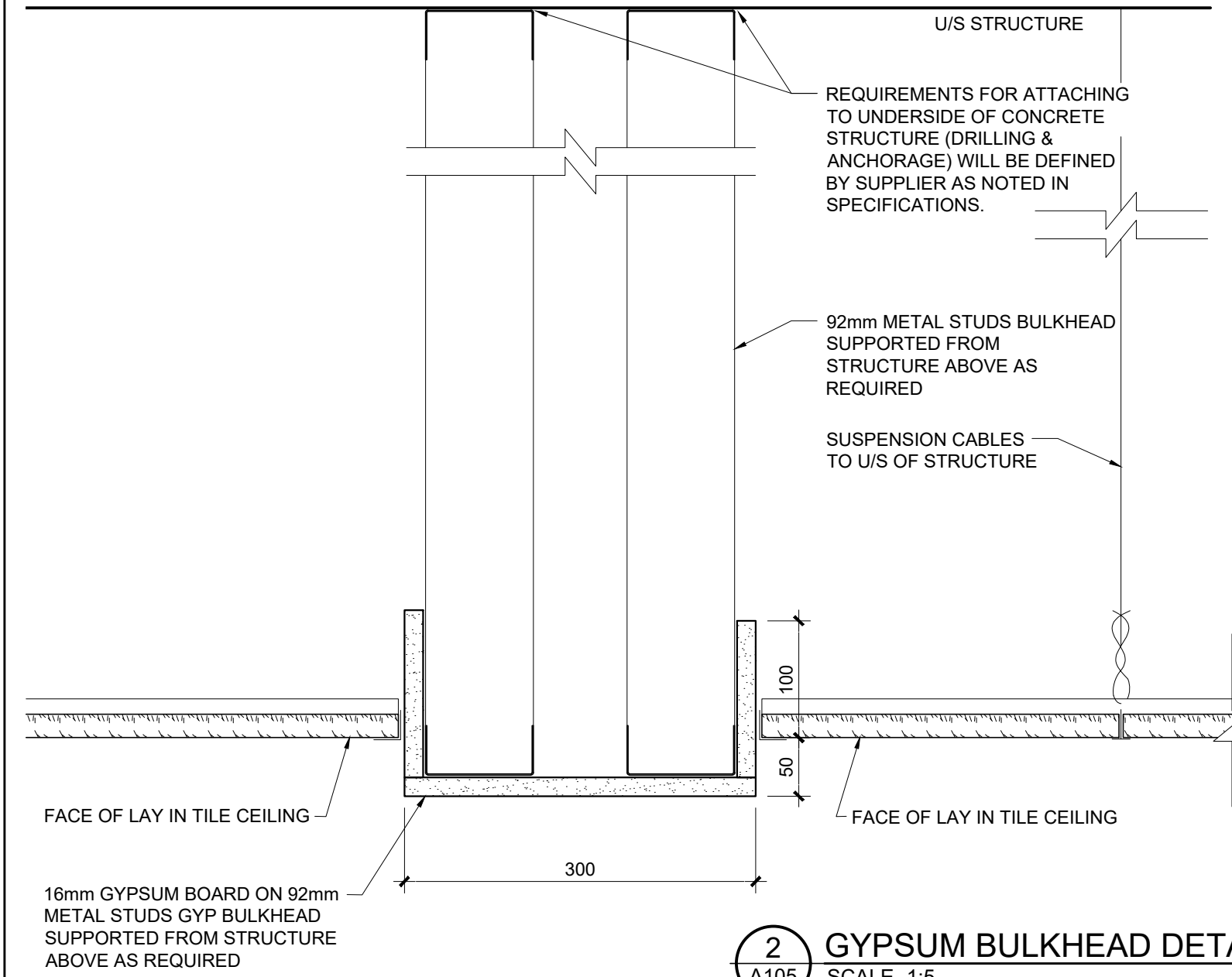
revision  
**09**

DO NOT SCALE DRAWINGS


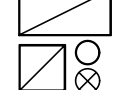
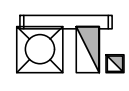


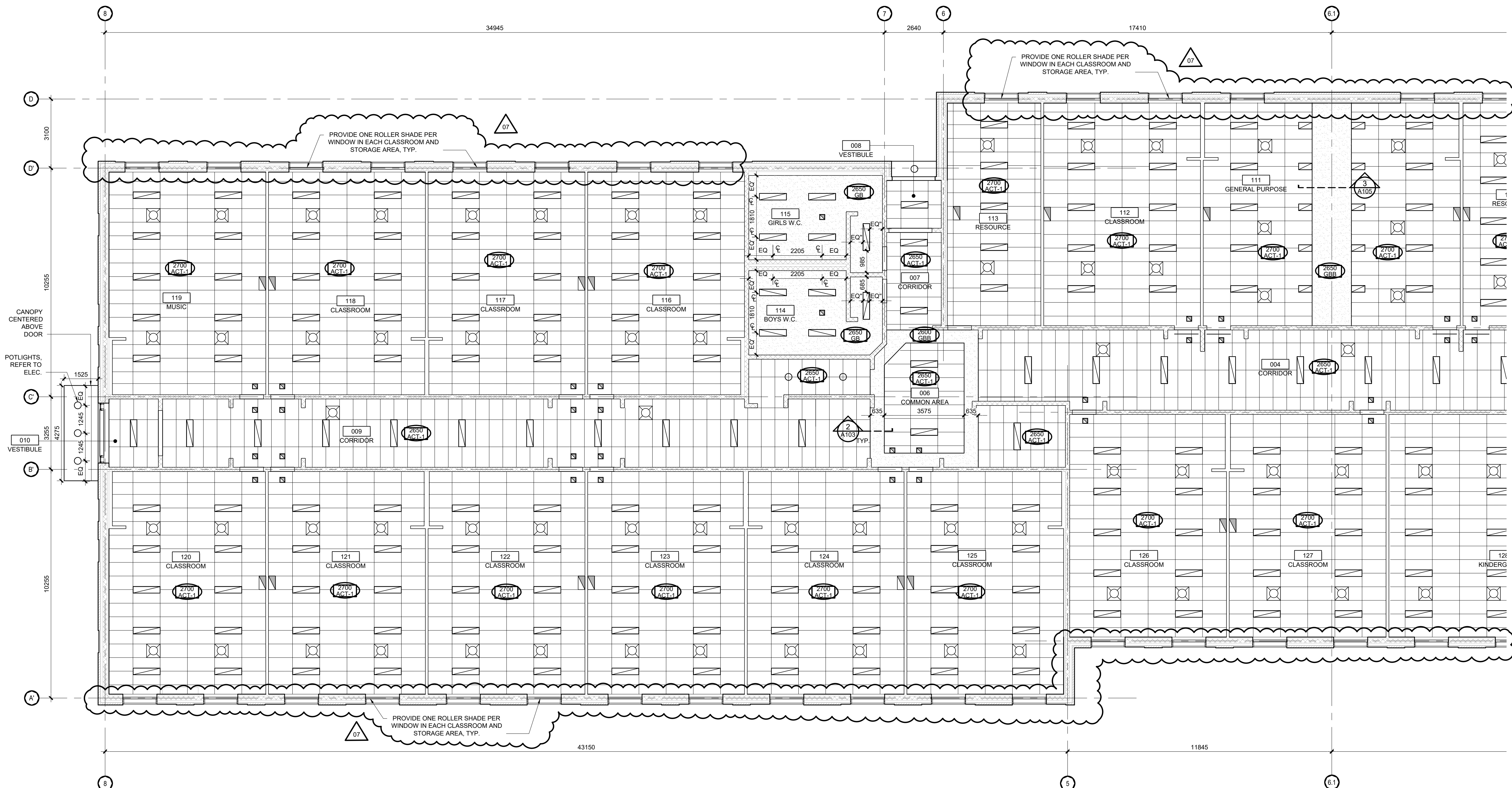


**3 MOVEABLE PARTITION BULKHEAD DETAIL**  
A105 SCALE 1:10



**2 GYPSUM BULKHEAD DETAIL**  
A105 SCALE 1:5

- LEGEND:**
-  U/S OF CEILING FROM FINISHED FLOOR CEILING MATERIAL
  - REFER TO SPECIFICATIONS
  - ACT EXISTING SUSPENDED ACOUSTIC TILES
  - ACT-1 2x4' SUSPENDED ACOUSTIC TILES
  - EXP OPEN CEILING (EXPOSED STRUCTURE)
  - eGB EXISTING GYPSUM BOARD CEILING
  - GB GYPSUM BOARD CEILING
  - GBB GYPSUM BOARD BULKHEAD
  -  LIGHT FIXTURES, REFER TO ELECTRICAL DRAWINGS. FOR ANY DISCREPANCIES, FOLLOW ELEC. DRAWINGS FOR EXACT PLACEMENT AND NUMBER OF FIXTURES
  -  DIFFUSERS AND GRILLES, REFER TO MECHANICAL DRAWINGS. FOR ANY DISCREPANCIES, FOLLOW MECH. DRAWINGS FOR EXACT PLACEMENT AND QUANTITY
- GENERAL NOTES - REFLECTED CEILING PLAN**
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR MECH/ELEC EQUIPMENT SPECS AND MOUNTING HEIGHTS. IN EVENT OF DISCREPANCIES, CONTACT ARCHITECT PRIOR TO INSTALLATION OF WORK.
  - ALL CEILING TILE ARE TO BE CENTERED IN THE ROOM UNLESS NOTED OTHERWISE.
  - CENTER ALL LIGHT FIXTURES IN ROOM UNLESS OTHERWISE NOTED
  - REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR WORK IN THE EXISTING PORTION OF THE SCHOOL. REPLACE ALL EXISTING FINISHES THAT ARE DAMAGED DUE TO THE CONSTRUCTION. FINISH TO MATCH EXISTING



**1 REFLECTED CEILING PLAN**  
A105 SCALE 1:100

07	ISSUE FOR ADDENDUM 1	24 APR 2026
06	ISSUE FOR RE-TENDER	1 APR 2026
05	ISSUE FOR TENDER	10 FEB 2026
04	ISSUE FOR BUILDING PERMIT	10 DEC 2025
03	ISSUE FOR COST ESTIMATE	21 NOV 2025
02	ISSUE FOR 80% REVIEW	14 OCT 2025
01	ISSUE FOR 50% REVIEW	17 SEPT 2025
no.	revision	date

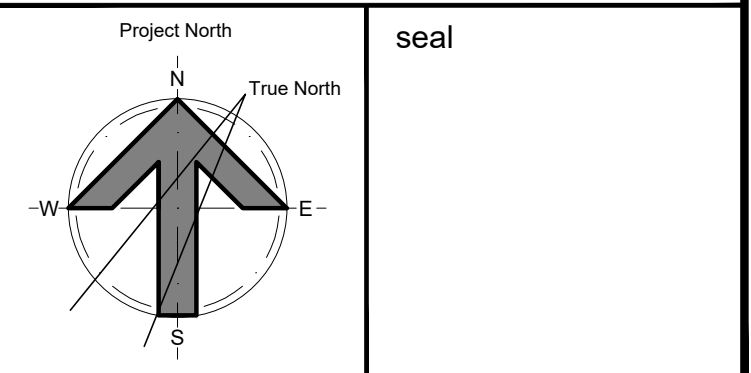
## N45 ARCHITECTURE INC.

71 Bank Street, 7th Floor - Ottawa, Ontario, K1P 5N2  
tel. 613.224.0095 fax 613.224.9811

### UPPER CANADA DISTRICT SCHOOL BOARD

### CAMBRIDGE PUBLIC SCHOOL

2123 RTE 500 W  
EMBRUN, ON



### drawing title REFLECTED CEILING PLAN WEST

scale AS SHOWN	drawn by DL
date 2025	checked by NR
project number 25-894	drawing number <b>A105</b>

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.

DO NOT SCALE DRAWINGS

revision

07



## LEGEND:

2500 ACT-1 U/S OF CEILING FROM FINISHED FLOOR  
CEILING MATERIAL

REFER TO SPECIFICATIONS

ACT EXISTING SUSPENDED ACOUSTIC TILES

ACT-1 2x4' SUSPENDED ACOUSTIC TILES

EXP OPEN CEILING (EXPOSED STRUCTURE)

eGB EXISTING GYPSUM BOARD CEILING

GB GYPSUM BOARD CEILING

GBB GYPSUM BOARD BULKHEAD

Light fixtures, refer to electrical drawings.  
For any discrepancies, follow elec. drawings for exact  
placement and number of fixtures

Diffusers and grilles, refer to mechanical drawings.  
For any discrepancies, follow mech. drawings for exact  
placement and number of fixtures

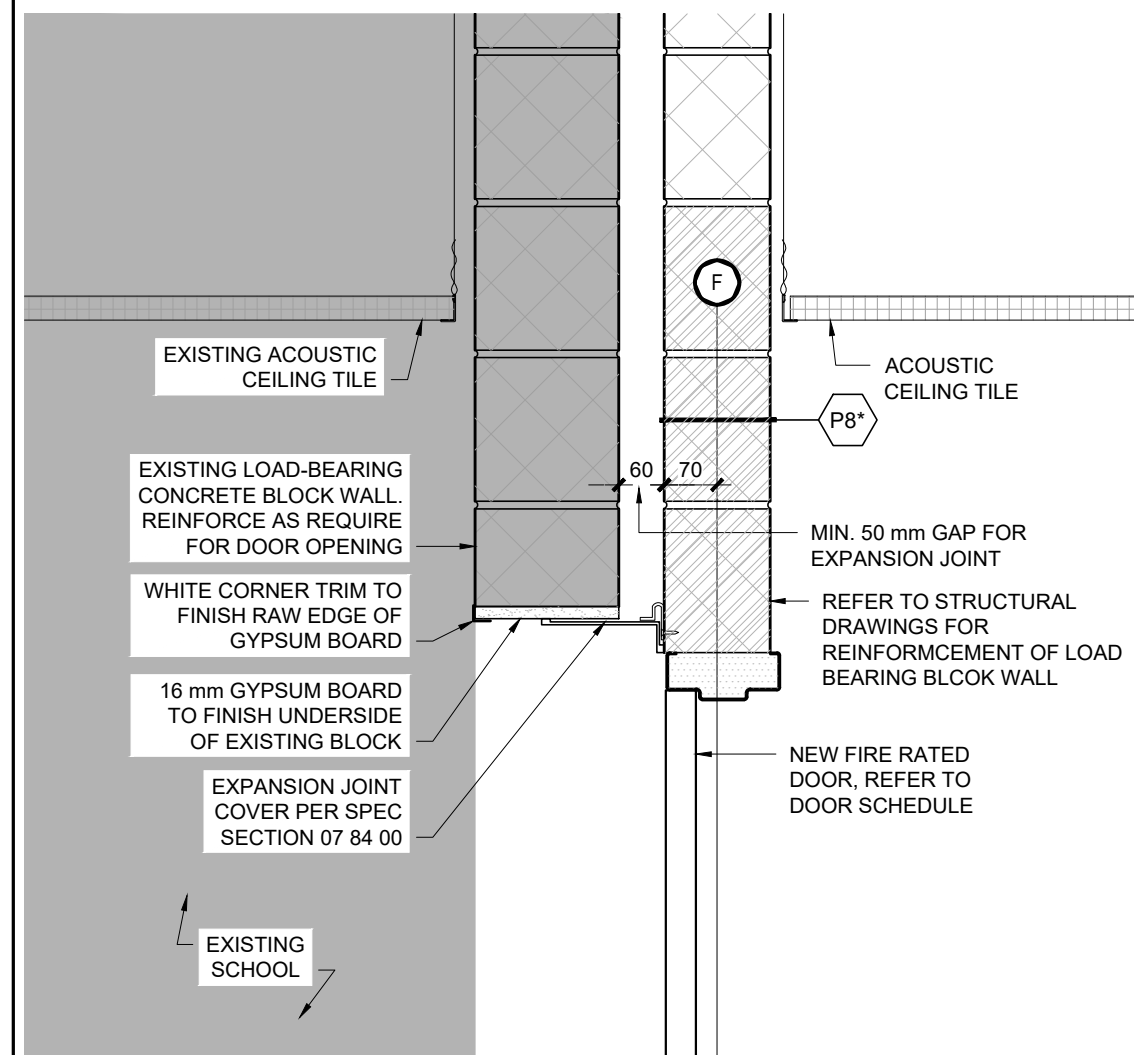
## GENERAL NOTES - REFLECTED CEILING PLAN

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR MECH/ELEC EQUIPMENT  
SIZES AND MOUNTING HEIGHTS. IN EVENT OF DISCREPANCIES, CONTACT  
ARCHITECT PRIOR TO INSTALLATION OF WORK.

ALL CEILING TILE ARE TO BE CENTERED IN THE ROOM UNLESS NOTED OTHERWISE.

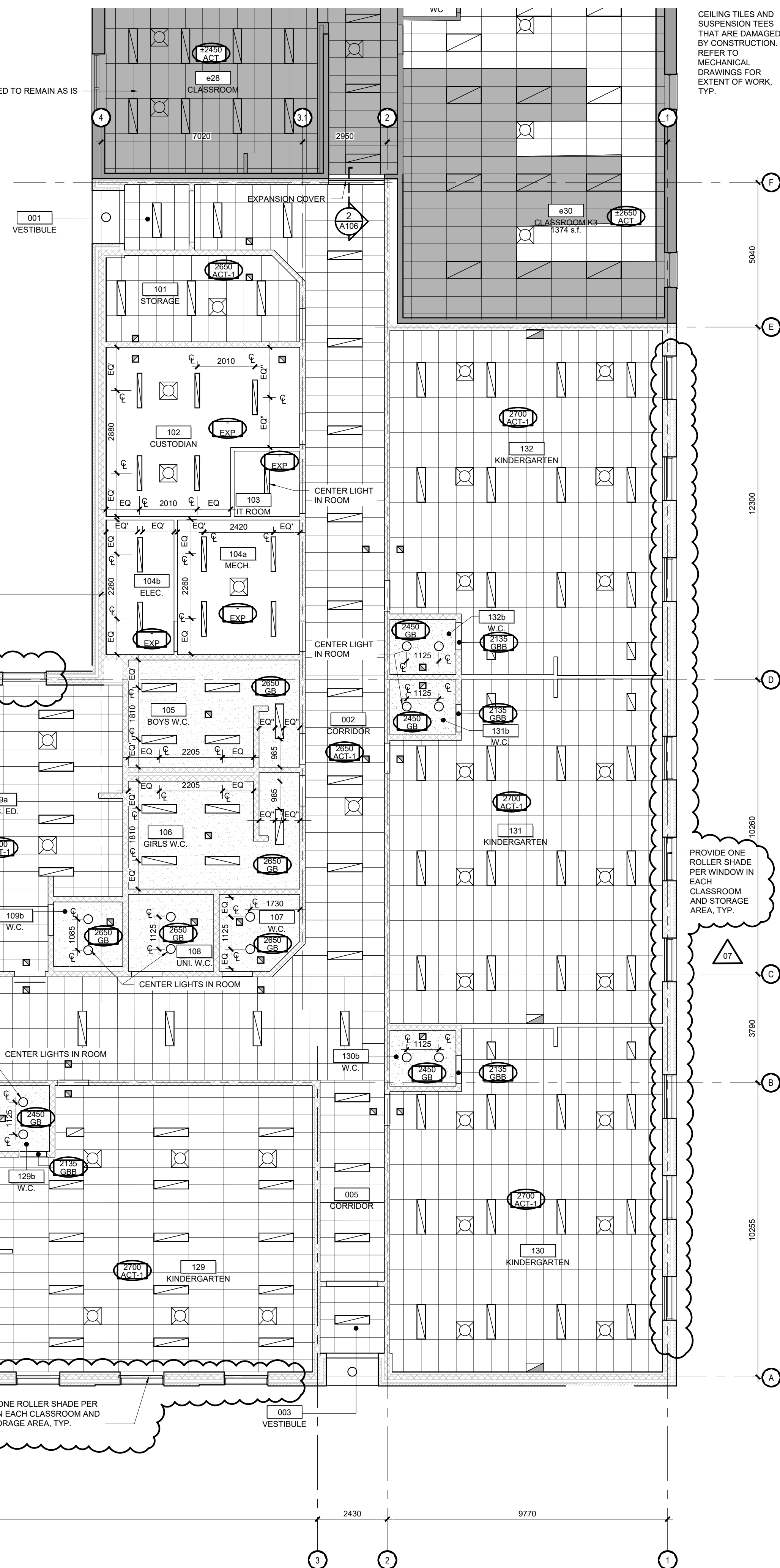
CENTER ALL LIGHT FIXTURES IN ROOM UNLESS OTHERWISE NOTED

REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR WORK IN THE EXISTING  
PORTION OF THE SCHOOL. REPLACE ALL EXISTING FINISHES THAT ARE DAMAGED  
DUE TO THE CONSTRUCTION. FINISH TO MATCH EXISTING



2 EXPANSION JOINT DETAIL  
SCALE 1:10

EXISTING BUILDING SHOWN SHADED TO REMAIN AS IS



CEILING TILES AND  
SUSPENSION TEES  
THAT ARE DAMAGED  
BY CONSTRUCTION.  
REFER TO  
MECHANICAL  
DRAWINGS FOR  
EXTENT OF WORK,  
TYP.

no.	revision	date
07	ISSUE FOR ADDENDUM 1	24 APR 2026
06	ISSUE FOR RE-TENDER	1 APR 2026
05	ISSUE FOR TENDER	10 FEB 2026
04	ISSUE FOR BUILDING PERMIT	10 DEC 2025
03	ISSUE FOR COST ESTIMATE	21 NOV 2025
02	ISSUE FOR 80% REVIEW	14 OCT 2025
01	ISSUE FOR 50% REVIEW	17 SEPT 2025

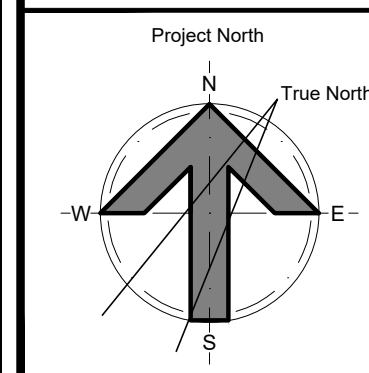
## N45 ARCHITECTURE INC.

71 Bank Street, 7th Floor - Ottawa, Ontario, K1P 5N2  
tel. 613.224.0095 fax 613.224.9811

### UPPER CANADA DISTRICT SCHOOL BOARD

### CAMBRIDGE PUBLIC SCHOOL

2123 RTE 500 W  
EMBRUN, ON



seal

drawing title  
REFLECTED CEILING PLAN  
EAST

scale  
1:100

drawn by  
DL

date  
2025

checked by  
NR

project  
number

25-894

drawing number

A106

CONTRACTOR TO VERIFY ALL DIMENSIONS AND  
NOTIFY THE ARCHITECT OF ANY DISCREPANCIES  
BEFORE WORK COMMENCES.

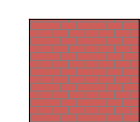
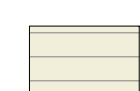
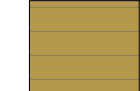


revision

07

DO NOT SCALE DRAWINGS



EXTERIOR CLADDING LEGEND  
REFER TO SPEC SECTION 05 10 00 APPENDIX A

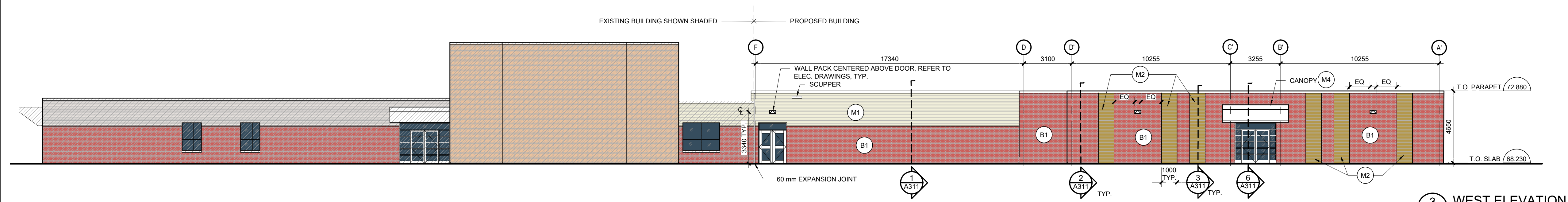
MASONRY	
	B1 BRICK - RED VELOUR IRON SPOT
PREFORMED METAL SIDING	
	M1 BEIGE - COLOUR TO MATCH ADJACENT EXISTING SIDING - CORRUGATION TO MATCH EXISTING
	M2 TAN CORRUGATION TO MATCH EXISTING
	M3 STONE GREY - CORRUGATION TO MATCH EXISTING
	M4 CAMBRIDGE WHITE - LINER PROFILE



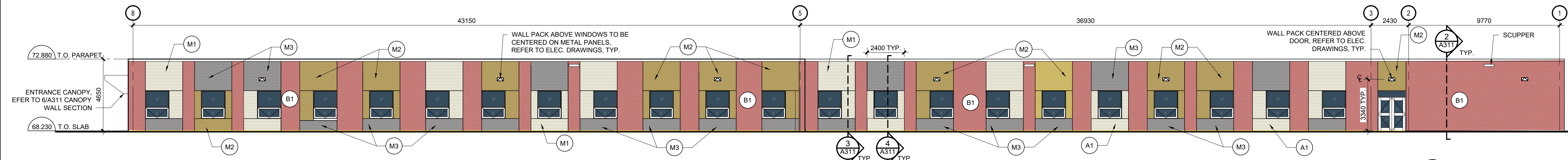
5 EXISTING BUILDING PHOTOS  
SCALE N/A



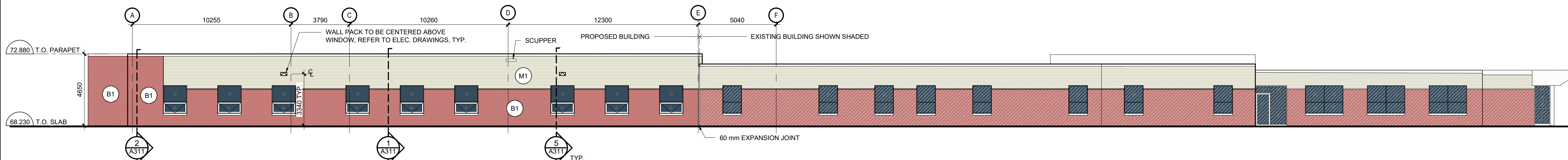
4 NORTH ELEVATION  
A201 SCALE 1:150



3 WEST ELEVATION  
A201 SCALE 1:150



2 SOUTH ELEVATION  
A201 SCALE 1:150



1 EAST ELEVATION  
A201 SCALE 1:150

08	ISSUE FOR ADDENDUM 1	24 APR 2026
07	ISSUE FOR RE-TENDER	1 APR 2026
06	ISSUE FOR TENDER	10 FEB 2026
05	ISSUE FOR BUILDING PERMIT	10 DEC 2025
04	ISSUE FOR COST ESTIMATE	21 NOV 2025
03	ISSUE FOR 80% REVIEW	14 OCT 2025
02	ISSUE FOR 50% REVIEW	17 SEPT 2025
01	ISSUE FOR CLIENT APPROVAL	7 AUG 2025
no.	revision	date

**N45 ARCHITECTURE INC.**  
71 Bank Street, 7th Floor - Ottawa, Ontario, K1P 5N2  
tel. 613.224.0095 fax 613.224.9811

UPPER CANADA DISTRICT  
SCHOOL BOARD

**CAMBRIDGE PUBLIC SCHOOL**  
2123 RTE 500 W  
EMBRUN, ON

seal

drawing title  
ELEVATIONS

scale AS SHOWN	drawn by DL
date 2025	checked by NR
project number 25-894	drawing number <b>A201</b>
CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.	
DO NOT SCALE DRAWINGS	
revision <b>08</b>	



## PART 1- GENERAL

### 1.1 RELATED REQUIREMENTS

.1	Section 01 32 16	Construction Progress Schedule
.2	Section 01 35 00	Traffic Control
.3	Section 01 35 29	Health and Safety Requirements
.4	Section 01 35 43	Environmental Procedures
.5	Section 01 41 00	Regulatory Requirements
.6	Section 01 45 00	Quality Control
.7	Section 01 51 00	Temporary Utilities
.8	Section 01 52 00	Construction Facilities
.9	Section 01 56 00	Temporary Barriers and Enclosures

### 1.2 ACCESS AND EGRESS

- .1 Design, construct and maintain temporary "access to" and "egress from" work areas, including stairs, runways, ramps or ladders and scaffolding, independent of finished surfaces and in accordance with relevant municipal, provincial and other regulations.
- .2 Refer to Demolition Site Plan for location of Contractor Access. Refer to Civil drawings for details.

### 1.3 SCHEDULING AND CONTRACTORS USE OF SITE

- .1 Use of site for execution of the work and as otherwise noted or indicated.
- .2 Dates and Hours of work.
  - .1 Work to commence upon award of contract for access road construction and fencing relocation outside of school hours and on weekends. 8:30 am to 4:00 pm
  - .2 Balance of work:
    - .1 Addition June 26, 2026 to July 3<sup>rd</sup>, 2028 – work can take place inside construction fencing.
    - .2 Existing School – July and August 7 am to 10 p.m. All other times must be outside school hours
    - .3 Childcare – All work must take place outside of childcare hours 6 a.m. to 6:00 p.m. Monday to Friday
- .3 Dates and Hours of various portions of the work.
  - .1 GC is to provide construction schedule to UCDSB Project Manager for approval prior to commence of work.
  - .2 The existing daycare is operational throughout the calendar year.
  - .3 Work in the existing school and roof over the existing building to be completed over the summer months (June to August)
  - .4 Contractor Mobilization can start on June 1, 2026 and all work is to be substantially completed on July 3, 2028
  - .5 Close-out reporting is due September 1, 2029
  - .6 Balance of site works start date is to be determined by General Contractor and is to be substantially complete by October 4, 2028
  - .7 Occupancy and handover of the building to the owner is to be completed by July



3rd, 2028. Note that the building must be ready for occupancy prior to the disconnect of existing portables.

- .8 All site works to be completed by August 14, 2028
- .9 All playgrounds and sports field to be fully accessible and available for student use during school calendar.
  - .1 Portable disconnect and removals (removal by others), new site fencing in West yard and bus lane construction to be completed in the summer (June to August) 2028 and is to be accessible to students as of August 14, 2208
  - .2 All other site work, such as but not limited to sports field and playground relocation and associated fencing to be completed over July and August of 2026 and is to be accessible to students as of September 1<sup>st</sup>, 2026 and remain accessible for the duration of the contract.
- .10 Installation of security cameras and wiring can be performed on school days after 3:50 PM.
- .11 The school is available for scheduled weekend work.
- .12 Custodian work hours are from 7 am to 3 pm. Contractor may be responsible to disarm and arm the security system each day.
- .13 Arrange with UCDSB Project Manager for security codes and access.
- .14 Work on existing rooftop units is to be completed outside of school hours and childcare hours. Existing RTU's are to remain operational until replacement.
- .4 Confine operation, storage access and parking to owner's discretion.
- .5 Do not unreasonably encumber site with materials or equipment.
- .6 Move stored products or equipment which interferes with operations of owner or other contractors.
- .7 Obtain and pay for additional storage or work areas needed for operations.
- .8 Maintain project grounds and public areas free of rubbish and waste materials.

#### **1.4 USE OF SITE AND FACILITIES**

- .1 Execute work with least possible interference or disturbance to normal use of premises. Make arrangements with the Owner and Consultants to facilitate work as stated.
- .2 Hours of work: Custodian summer work hours are 7:00 AM to 3:00 PM. After hours and week-end access can be arranged with School Board. Owner to provide contractor with keys and security code if required.
- .3 Maintain existing services to building and provide for personnel and vehicle access.
- .4 Where security is reduced by work provide temporary means to maintain security.
- .5 Closures: protect work temporarily until permanent enclosures are completed.
- .6 Ensure construction fencing is maintained around the work areas, at all times.

#### **1.5 ALTERATIONS, ADDITIONS OR REPAIRS TO EXISTING BUILDING**

- .1 Execute work with least possible interference or disturbance to building operations, occupants and normal use of premises. Arrange with Owner and Consultant to facilitate execution of work.

#### **1.6 EXISTING SERVICES**



- .1 Notify Owner, Consultant and utility companies of intended interruption of services and obtain required permission.
- .2 Where Work involves breaking into or connecting to existing services, give Owner a minimum of 48 hours of notice for necessary interruption of mechanical or electrical service throughout course of work. Keep duration of interruptions minimum. Carry out interruptions after normal working hours of occupants, preferably on weekends.
- .3 Provide for personnel, pedestrian and vehicular traffic.
- .4 Construct barriers in accordance with Section 01 56 00 – Temporary Barriers and Enclosures

## **1.7 SPECIAL REQUIREMENTS**

- .1 Submit schedule in accordance with Section 01 32 16 Construction Progress Schedule.

## **1.8 SECURITY**

- .1 Where security has been reduced by Work of Contract, provide temporary means to maintain security.

## **1.9 BUILDING SMOKING ENVIRONMENT**

- .1 Smoking is not permitted, as per the Smoke-Free Ontario Act.

## **END OF SECTION**



## 1. CASH ALLOWANCES

- 1.1. Expend cash allowances only on the Architect's written instructions.
- 1.2. Cash allowances specified in various Sections shall be carried and administered by the Contractor. Cash allowances shall not be included by a Subcontractor in the amount for Subcontract work.
- 1.3. Include the Contractor's charges for overhead and profit on account of cash allowances in the Contract Price, in accordance with GC 4.1 of the General Conditions of the Contract.
- 1.4. Include in each expenditure from cash allowances, applicable taxes as specified in the General Conditions of the Contract, GC 10.1; but, excluding Goods and Services Tax, which shall be shown as a separate amount and not part of cash allowance amount.
- 1.5. Credit the Owner with unused portion of cash allowances in statement for final payment.
- 1.6. Include in the Total Price, a total cash allowance sum of **\$40,000** for the work indicated below. Total cash allowance sum above does not include HST. Total cash allowance sum shall be included, and **carried by the General Contractor**, in the Contract Price prior to calculating HST. No Change Orders providing for an adjustment to the Contract Price for the items included in the total cash allowance and listed below will be considered until the total cash allowance sum is depleted:

### Supply and Install Allowances:

1. **Cash Allowance No. 1 – Gas Connection**
  - 1.1. This Cash Allowance provides for the coordination, supply & installation of the gas connection
  - 1.2. To be coordinated with Enbridge
  - 1.3. Cash Allowance No. 1 Amount: **\$40,000**

**END OF SECTION**



## **PART 1 – GENERAL**

### **1.1 REPORTING FIRES**

- .1 Know location of nearest fire alarm box and telephone, including emergency phone number
- .2 Report immediately all fire incidents to Fire Department as follows:
  - .1 Active nearest fire alarm box, or
  - .2 Telephone 911 from local phone; or
  - .3 From cellular phone dial 911 and tell 911 operator the school location
- .3 Person calling in alarm will remain on site to direct Fire Department to scene of fire

### **1.2 INTERIOR AND EXTERIOR FIRE PROTECTION AND ALARM SYSTEMS**

- .1 Fire protection and alarm system will not be:
  - .1 Obstructed;
  - .2 Shut-off; and
  - .3 Left inactive at end of working day or shift without authorization from the Fire Department
- .2 Fire alarm system must remain fully functional at all times
- .3 Fire hydrants, standpipes and hose systems will not be used for other than fire-fighting purposes unless authorized by Fire Department
- .4 Prior to any work, erect temporary 1 hour fire separation at doors between work area and interior of existing building

### **1.3 FIRE EXTINGUISHER**

- .1 Supply fire extinguishers, as necessary, to protect work in progress and contractor's physical plant on site.

### **1.4 BLOCKAGE OF ROADWAYS**

- .1 Advise Fire Chief of any work that would impede fire apparatus response. This includes violation of minimum overhead clearance, as prescribed by Fire Department, erecting of barricades and digging of trenches.

### **1.5 SMOKING PRECAUTIONS**

- .1 No smoking on school property at any time as per the Smoke Free Ontario Act

### **1.6 RUBBISH AND WASTE MATERIALS**

- .1 Rubbish and waste materials are to be kept to minimum
- .2 Burning of rubbish is prohibited
- .3 Removal: Remove all rubbish from work site at end of work day or shift or as directed
- .4 Storage:
  - .1 Store oily waste in approved receptacles to ensure maximum cleanliness and safety
  - .2 Deposit greasy or oily rags and materials subject to spontaneous combustion in approved receptacles



### **1.7 FLAMMABLE AND COMBUSTIBLE LIQUIDS**

- .1 Handling, storage and use of flammable and combustible liquids are to be governed by the current National Fire Code of Canada.
- .2 Flammable and combustible liquids such as gasoline, kerosene and naphtha will be kept for ready use in quantities not exceeding 45 litres provided they are stored in approved safety cans bearing Underwriters' Laboratory of Canada or Factory Mutual seal of approval. Storage of quantities of flammable and combustible liquids exceeding 45 litres for work purposes requires permission of Fire Department.
- .3 Transfer of flammable and combustible liquids is prohibited within buildings or jetties.
- .4 Transfer of flammable and combustible liquids will not be carried out in vicinity of open flames or any type of heat-producing devices.
- .5 Flammable liquids having a flash point below 38° C such as naphtha or gasoline will not be used as solvents or cleaning agents.
- .6 Flammable and combustible waste liquids, for disposal, will be stored in approved containers located in a safe ventilated area. Quantities are to be kept to a minimum and Fire Department is to be notified when disposal is required.

### **1.8 HOT WORK**

- .1 A Hot Work Permit is required for any operations involving open flames or work and equipment producing heat or sparks. This work includes but is not necessarily limited brazing, cutting, grinding, soldering, torching and cadwelding. Obtain Hot Work Permit from Owner's Project Manager.
- .2 Fire watches are required during all hot work as described in Para 1.8.1 of this section. It is the Contractor's responsibility to provide all labour material and equipment to include personnel for the fire watch. Fire watch to continue for a minimum of 30 minutes after completion of work, including end of work day, coffee breaks and lunch breaks.
- .3 Fully comply with all required precautions indicated on the hot work permit checklist. Provide owner with an electronic copy of each permit for Hot Work. Leave Hard Copy of the Original on Site with the Custodian

**END OF SECTION**



## **PART 1- GENERAL**

### **1.1 RELATED REQUIREMENTS**

- .1 Section 07 52 00 - Modified Bituminous Membrane Roofing.
- .2 Section 06 10 01 – Rough Carpentry – Roofing
- .3 Section 07 62 01 – Sheet Metal Flashing and Trim - Roofing
- .4 Section 07 92 01 – Joint Sealants – Roofing
- .5 Section 06 10 00 – Rough Carpentry.
- .6 Section 07 27 00 – Air Vapour Barriers
- .7 Section 07 21 16 – Batt and Blanket Insulation.
- .8 Section 07 62 00 – Sheet Metal Flashing and Trim.
- .9 Section 07 92 00 – Joint Sealants.

### **1.2 REFERENCES**

- .1 American National Standards Institute (ANSI).
  - .1 ANSI B18.6.4-1998, Thread Forming and Thread Cutting Tapping Screws and Metallic Drive Screws.
- .2 American Society for Testing and Materials International, (ASTM).
  - .1 ASTM D 2369-03, Test Method for Volatile Content of Coatings.
  - .2 ASTM D 2832-92(R1999), Guide for Determining Volatile and Nonvolatile Content of Paint and Related Coatings.
  - .3 ASTM D 5116-97, Guide For Small-Scale Environmental Chamber Determinations of Organic Emissions From Indoor Materials/Products.
- .3 Canadian General Standards Board (CGSB).
  - .1 CAN/CGSB-51.32-M77, Sheathing, Membrane, Breather Type.
  - .2 CAN/CGSB-93.2-M91, Prefinished Aluminum Siding, Soffits and Fascia, for Residential Use.
  - .3 CAN/CGSB-93.3-M91, Prefinished Galvanized and Aluminum-Zinc Alloy Steel Sheet for Residential Use.
  - .4 CAN/CGSB-93.4-92, Galvanized and Aluminum-Zinc Alloy Coated Steel Siding



- .5 Soffits and Fascia, Prefinished, Residential.  
CGSB 93.5-92, Installation of Metal Residential Siding, Soffits and Fascia.
- .4 Canadian Standards Association (CSA International).
  - .1 CSA B111-1974(R2003), Wire Nails, Spikes and Staples.
- .5 Environmental Choice Program (ECP).
  - .1 CCD-045-95, Sealants and Caulking Compounds.
- .6 Underwriters' Laboratories of Canada (ULC).
  - .1 CAN/ULC-S706-02, Wood Fibre Thermal Insulation for Buildings.

### 1.3 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Product data: submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
  - .1 Submit two copies of WHMIS MSDS - Material Safety Data Sheets in accordance with Section 01 33 00 - Submittal Procedures. Indicate VOC's for caulking materials during application and curing.
- .2 Samples:
  - .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
  - .2 Submit duplicate 300mm x 300mm samples of siding material, of colour and profile specified.
- .3 Manufacturer's Instructions:
  - .1 Submit manufacturer's installation instructions.

### 1.4 QUALITY ASSURANCE

- .1 All metal cladding works (i.e. site measuring, fabrication & installation) are to be completed by a licenced sheet metal worker registered with the Ontario College of Trades (Construction Sector – Sheet Metal Worker 308-A). Contractor to provide all identification and documentation as requested prior to commencing any works on site.
- .2 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .3 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

## PART 2- PRODUCTS

### 2.1 STEEL CLADDING AND COMPONENTS

- .1 Exterior Sheet: Factory preformed sheet steel. Corrugated profile equal by Vicwest, corrugation width to match existing. Base steel thickness minimum 0.46 mm (26 gauge), commercial grade, to ASTM A526 and A446 with a galvanized Z275 zinc coating. Factory prefinished with Signature factory precoated paint finish to CSSBI Bulletin #7, 1979. Refer to exterior elevations for colours, colours selected from Vicwest's standard colours.

**M1** – Profile and beige colour to match existing metal siding colour. Contractor to verify profile and provide colour sample prior to ordering and allow for selection from the complete range of

colours in the Signature series with factory finish note above.

**M2** – Vicwest [Tan 56074](#), corrugation to match existing metal siding. Contractor to verify profile prior to ordering.

**M3** – Vicwest Stone Grey 56071, corrugation to match existing metal siding. Contractor to verify profile prior to ordering.

**M4** – Vicwest Cambridge White, CL508 (reverse) profile

- .2 Exterior Corners: of same profile, material and finish as adjacent cladding material, factory built and brake formed to required angle, concealed corner brace with hairline exposed joint.
- .3 Accessories: inside corners, drip flashings, jamb trims, conversion moldings, flashings, copings of same material, thickness, finish and colour as exterior siding, factory built and brake formed to details as indicated.
- .4 Exposed joint (perpendicular to profile): ends of cladding sheet shop cut clean and square. Backed with tight fitting filler lapping back of joint, exposed components colour matched to cladding.
- .5 Gaskets: closed cell polyurethane foam, adhesive on two (2) sides, release paper protected.
- .6 Touch-up paint: as recommended by siding manufacturer.
- .7 Isolation Coating: Bituminous paint.
- .8 Sealants: in accordance with Section 07 92 00, colour to match siding panels as selected by Architect.
- .9 Fasteners: purpose made, self-tapping and self-drilling, screws of hardened carbon steel shank with heavy cadmium plating and a chromate finish, length to suit. Provide matching pre-painted and coloured steel heads.
- .10 Sub-girts: (notched “Z-bars” and hat furring sections) of 1.2 mm (18 gauge standard) base thickness steel, commercial grade, to ASTM A446 with a galvanized Z275 zinc coating. Dimensions, profile and spacing as indicated and in maximum lengths.
- .11 Semi-rigid Fibrous Insulation: mineral wool to CAN/CGSB 51.10-92 mineral fibre board thermal insulation, Type 2, Class 4. Thermal resistance, RSI value of 0.76 / 25 mm. Semi-rigid board size 400 mm x 1220 mm by generally 88 mm thickness (see drawings for other thicknesses) with square edges. Standard of Acceptance: “Cavity Rock” board insulation as manufactured by Roxul Inc.
- .12 Air and Vapour Barrier: self-adhesive air/vapour barrier membrane equal to “Blueskin SA” as manufactured by Bakor Inc.

## 2.2 FASTENERS

- .1 Nails: CSA B111. Screws: ANSI B18.6.4. Purpose made cadmium plated steel.

## PART 3 - EXECUTION

### 3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.



### **3.2 INSTALLATION**

- .1 Installation to be in strict accordance with manufacturer's written recommendations and reviewed shop drawings.
- .2 Provide air/vapour membrane to entire substrate in accordance with Section 07 27 00.
- .3 Provide supplemental steel support members for work of this section to suit design requirements.
- .4 Provide supplemental work to resist wind uplift and to provide necessary strength and rigidity to all preformed sheet steel profiles and accents by incorporating braces, anchors, frames, bent supports and tie- ins.
- .5 Install metal "Z-bars" to substrate at centres indicated and corresponding to joint spacing of preformed sheet steel panels and accents/dividers. Secure at 400 mm min. and to suit loading requirements.
- .6 At curved walls provide curved metal "hat" sections to horizontal "Z-bars" or substrate as detailed.
- .7 Ensure all flashings and trims are installed before or immediately after erecting panels and sealed to stop direct weather penetration.
- .8 Install exterior finish siding and dividers to internal sub-girts with matching colour fasteners.
- .9 Ensure continuity of "pressure equalization" of rain screen principle.
- .10 Provide cladding panels in longest practical length. Intermediate joints are not permitted.
- .11 Provide intermediate structural supports, alignment bars, brackets, clips, inserts, shims as required to securely and permanently fasten wall system to building structure.
- .12 Install preformed trim pieces. Provide flashings, trim and sealants as indicated and as required to render work complete and weathertight.

### **3.3 CLEANING**

- .1 Repair and touch-up with colour matching high grade synthetic enamel minor surface damage, only where appearance after touch-up is acceptable to the Architect.
- .2 Replace damaged components which in the opinion of the Architect cannot be satisfactorily repaired.
- .3 Upon completion of work clean exposed surfaces. Remove dirt, grease, oil, caulking material and other foreign matter. Leave surfaces clean and neat, and uniform in colour.

**END OF SECTION**

## **PART 1 - GENERAL**

### **1.1 RELATED REQUIREMENTS**

- .1 Section 08 11 00 – Metal Doors and Frames.
- .2 Section 08 71 00 – Door Hardware.
- .3 Section 08 80 50 – Glazing and Mirrors.

### **1.2 REFERENCES**

- .1 Architectural Woodwork Manufacturers Association of Canada (AWMAC).
  - .1 Quality Standards for Architectural Woodwork 1998.
- .2 Canadian General Standards Board (CGSB).
  - .1 CAN/CGSB-71.19-M88, Adhesive, Contact, Sprayable.
  - .2 CAN/CGSB-71.20-M88, Adhesive, Contact, Brushable.
- .3 Canadian Standards Association (CSA International).
  - .1 CSA A440.2-98, Energy Performance of Windows and Other Fenestration Systems.
  - .2 CSA O115-M1982(R2001), Hardwood and Decorative Plywood.
  - .3 CAN/CSA O132.2 Series-90(R1998), Wood Flush Doors.
  - .4 CAN/CSA-O132.5-M1992(R1998), Stile and Rail Wood Doors.
  - .5 CAN/CSA-Z808-96, A Sustainable Forest Management System: Guidance Document.
  - .6 CSA Certification Program for Windows and Doors [00].
- .4 Environmental Choice Program (ECP).
  - .1 CCD-045-92, Sealants and Caulking Compounds.
  - .2 CCD-046-92, Adhesives.
- .5 National Fire Protection Association (NFPA).
  - .1 NFPA 80-1999, Standard for Fire Doors and Fire Windows.
  - .2 NFPA 252-1999, Standard Method of Fire Tests of Door Assemblies.
- .6 Underwriters' Laboratories of Canada (ULC).
  - .1 CAN-4S104M-80(R1985), Fire Tests of Door Assemblies.
  - .2 CAN4-S105M-85 (R1992), Fire Door Frames Meeting the Performance Required by CAN4- S104.



### 1.3 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Product Data:
  - .1 Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
  - .2 Submit two copies of WHMIS MSDS - Material Safety Data Sheets in accordance with Section 01 33 00 - Submittal Procedures. Indicate VOC's:
    - .1 For caulking materials during application and curing.
    - .2 For door materials and adhesives.
- .2 Shop Drawings:
  - .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.
  - .2 Indicate door types and cutouts for lights and louvres, sizes, core construction, transom panel construction and cutouts.

### 1.4 QUALITY ASSURANCE

- .1 Regulatory Requirements:
  - .1 Wood fire rated doors: labelled and listed by an organization accredited by Standards Council of Canada.
- .2 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .3 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

### 1.5 DELIVERY, STORAGE, AND HANDLING

- .1 Storage and Protection:
  - .1 Protect doors from dampness. Arrange for delivery after work causing abnormal humidity has been completed.
  - .2 Store doors in well ventilated room, off floor, in accordance with manufacturer's recommendations.
- .2 Protect doors from scratches, handling marks and other damage. [Wrap] [Crate] doors.
- .3 Store doors away from direct sunlight.

## PART 2 - PRODUCTS

### 2.1 FIRE RATED WOOD DOORS

- .1 Wood doors: tested in accordance with CAN4-S104, /NFPA 252 to achieve rating.

## 2.2 WOOD FLUSH DOORS

- .1 Solid core: to CAN/CSA-O132.2.1.
  - .1 Solid particleboard core: stile and rail frame bonded to particleboard core with wood lock blocks wood blocking], 5-ply construction.
  - .2 Solid wood core:
    - .1 Glued block core with wood edge band.
    - .2 Framed block glued core.
    - .3 Framed block nonglued core.
    - .4 Stile and rail core.
    - .5 5-ply construction.
  - .3 Solid, wood block, lined core: with two core liners:
    - .1 Glued block with wood edge band.
    - .2 Framed block glued core.
    - .3 Framed block nonglued core.
    - .4 Stile and rail core.
    - .5 7-ply construction.
- .2 Face Panels:
  - .1 Hardwood; veneer grades: Grade I (Premium) . Veneer to match existing veneer on doors in recent addition (classrooms 16 to 22)
- .3 Adhesive: Type II (water resistant) for interior doors.

## 2.3 FABRICATION

- .1 Vertical edge strips to match face veneer.
- .2 Bevel vertical edges of single acting doors 3 mm in 50 mm on lock side and 1.5 mm in 50 mm on hinge side.
- .3 Radius vertical edges of double acting doors to 60 mm radius.

## PART 3- EXECUTION

### 3.1 INSTALLATION

- .1 Unwrap and protect doors in accordance with CAN/CSA-O132.2 Series, Appendix A.
- .2 Install labelled fire rated doors to NFPA 80.
- .3 Install doors and hardware in accordance with manufacturer's printed instructions and CAN/CSA-O132.2 Series, Appendix A.
- .4 Adjust hardware for correct function.
- .5 Install glazing in accordance with Section 08 80 50 - Glazing.

### 3.2 ADJUSTMENT

- .1 Re-adjust doors and hardware just prior to completion of building to function freely and properly.



### **3.3 CLEANING**

- .1 Perform cleaning as soon as possible after installation to remove construction and accumulated environmental dirt.
- .2 Remove traces of primer, caulking; clean doors and frames.
- .3 Clean glass and glazing materials with approved non-abrasive cleaner.
- .4 On completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

**END OF SECTION**