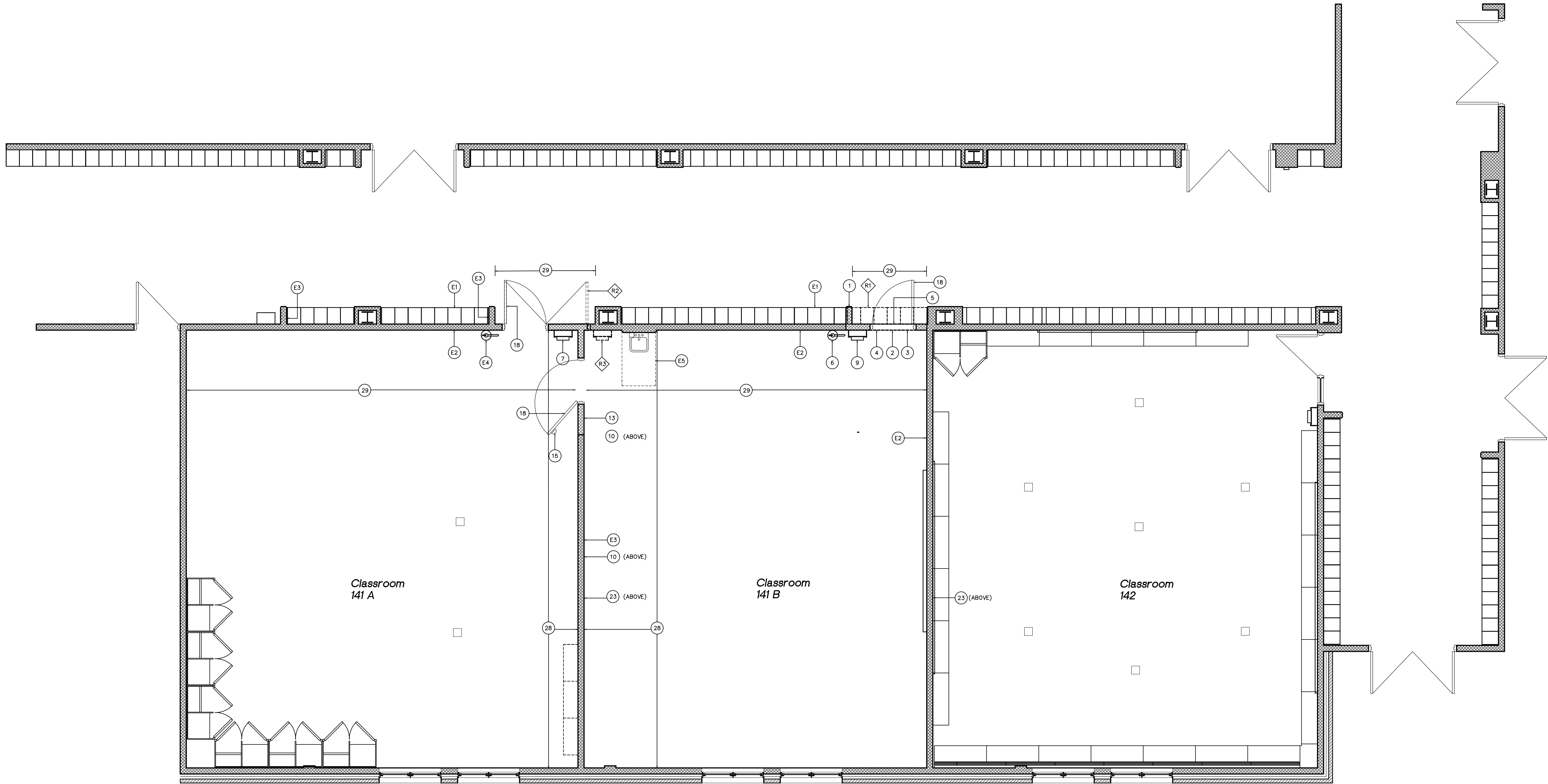


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Sza
Shoalts and Zaback Architects Ltd



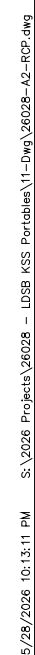
Project North

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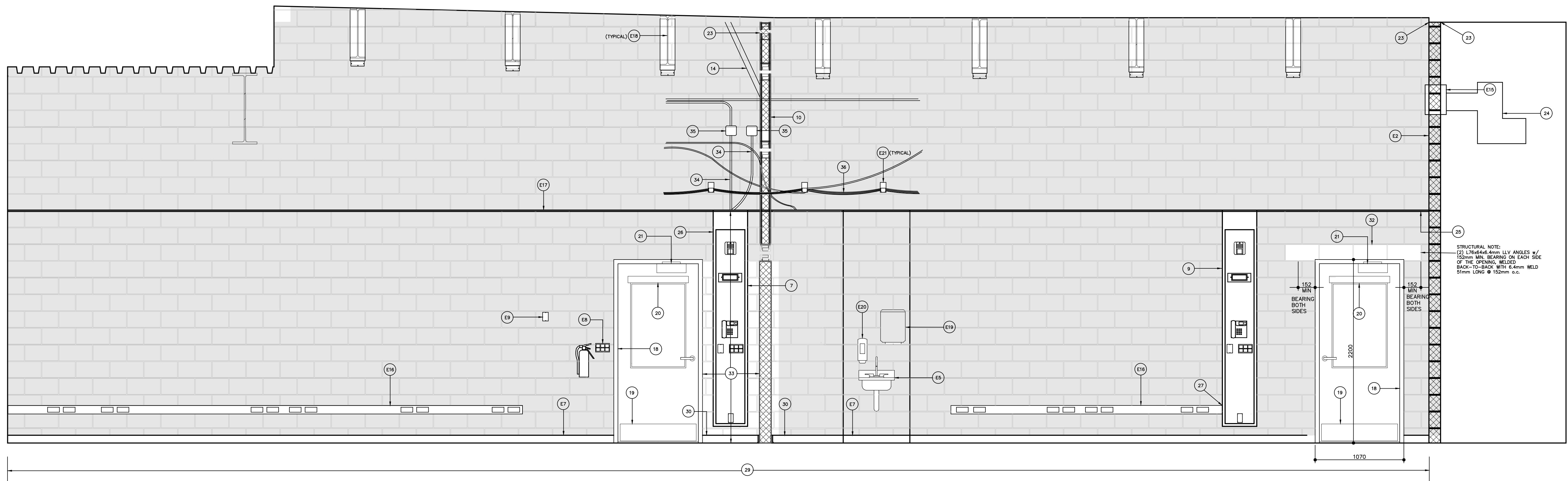
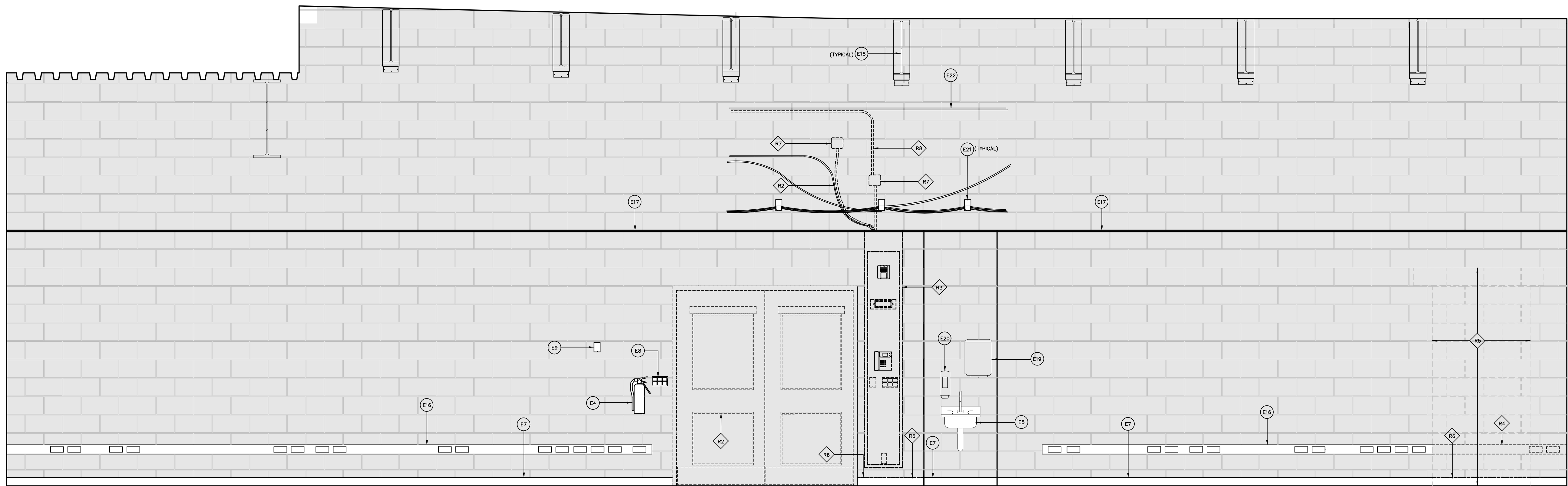
0	Issued for Tender and Permit	27 May 2026
Revision	Description	Date
Project Kingston Secondary School New Portables Classroom Renovations		
Location 145 Kirkpatrick Street Kingston, ON		
Client Limestone District School Board		
Drawing Floor Plan		

Drawn by L. Carvalho	Date 27 May 2026
File Name 26028-A1-R0-Plan	Scale 1:50
Client Project # 26028	Drawing Number A1



Project #	Revision #	A2
26028	0	

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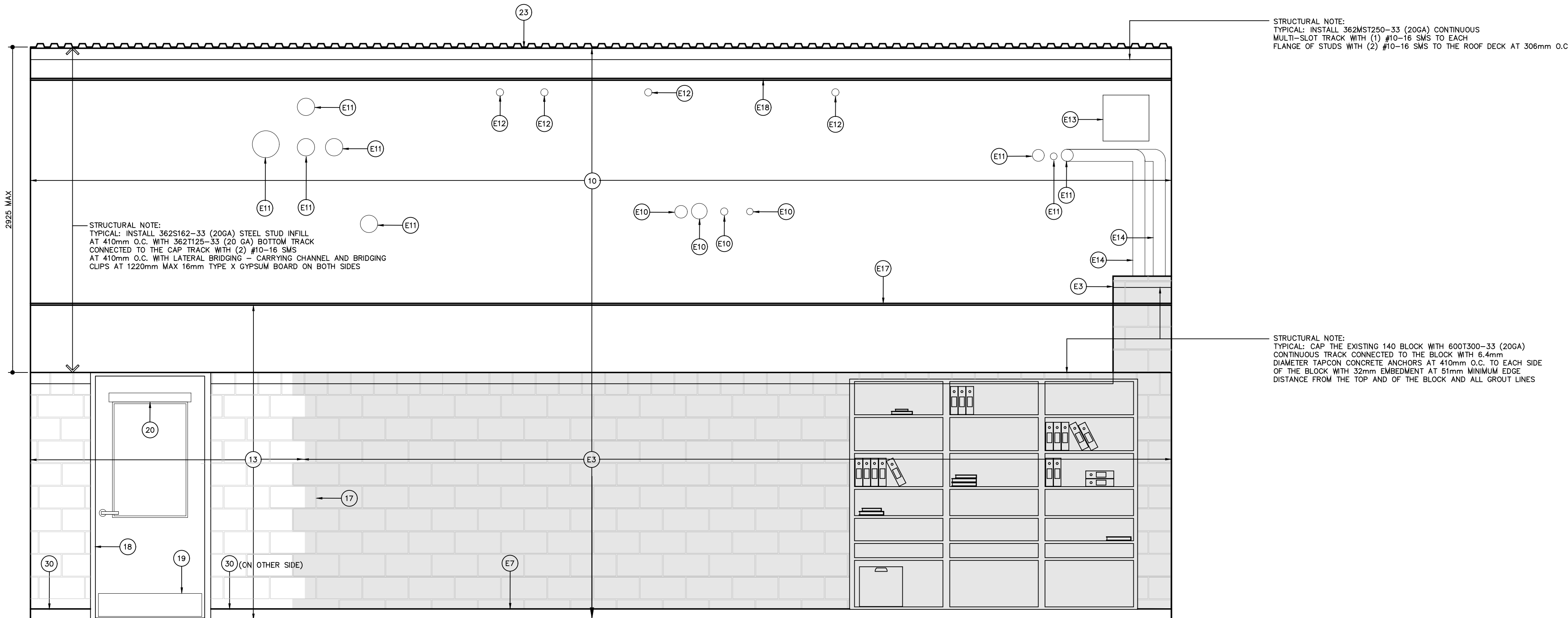


26028	0	AJ
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General Notes

- ALL GYMS WILL BE IN USE DURING THE SUMMER WHILE CONSTRUCTION IS TAKING PLACE. PROVIDE HOARDING TO SEPARATE THE PUBLIC AREA FROM THE CONSTRUCTION AREA.
- ALLOW FOR ACOUSTIC SEALANT TO 20 PENETRATIONS IN ADDITION TO THOSE INDICATED.
- PROTECT ALL FINISHES, FURNITURE AND EQUIPMENT. REPLACE OR REPAIR ITEMS DAMAGED BY THE WORK.
- USE STOCKPILED FLOORING MATERIAL PROVIDED BY OWNER

Existing Notes

- THE FOLLOWING ITEMS ARE EXISTING TO REMAIN:
- LOOKERS.
 - 140 CONCRETE BLOCK PARTITION TO UNDERSIDE OF DECK AT 5050 AFF.
 - 140 CONCRETE BLOCK PARTITION 11 COURSES HIGH
 - FIRE EXTINGUISHER
 - WALL MOUNTED SINK
 - CERAMIC TILE BASE
 - RUBBER BASE
 - LIGHT SWITCHES
 - THERMOSTAT
 - CONDUIT. PROVIDE ACOUSTIC SEALANT
 - INSULATED PIPE. PROVIDE ACOUSTIC SEALANT
 - LOOSE CABLE OR WIRING. PROVIDE ACOUSTIC SEALANT
 - DUCT. SEAL AROUND DUCT WITH ACOUSTIC SEALANT
 - CONCEAL HEATING PIPES IN NEW GYPSUM BOARD PARTITION
 - TRANSFER DUCT
 - RACEWAY
 - SUSPENDED ACOUSTIC TILE CEILING, GRID AND SUSPENSION SYSTEM. TEMPORARILY REMOVE AND REINSTALL TO ACCOMMODATE THE WORK. SALVAGE AND PROTECT TILES.
 - STEEL BEAM
 - PAPER TOWEL DISPENSER
 - SOAP DISPENSER
 - J-HOOKS. RELOCATE AS NEEDED TO ACCOMMODATE NEW PARTITION

Demolition Notes

- REMOVE THE FOLLOWING:
- LOOKERS. TURN OVER TO OWNER
 - DOUBLE DOOR, FRAME AND HARDWARE. TURN DOORS AND HARDWARE OVER TO OWNER.
 - RELOCATE SERVICE PANEL. SEE NOTE 9
 - CUT BACK RACEWAY AND REFEED FROM BEHIND CONTROL PANEL
 - CUT OPENING IN EXISTING 140 CONCRETE BLOCK PARTITION FOR NEW DOOR AND FRAME AND ADDITIONAL COURSE FOR BACK-TO-BACK LINTEL
 - RUBBER BASE
 - RELOCATE JUNCTION BOX AND WIRING TO ACCOMMODATE NEW PARTITION LOCATION. SEE NOTE 35
 - RELOCATE / MODIFY CONDUITS AS NEEDED TO ACCOMMODATE NEW PARTITION
 - SPEAKER
 - WIRELESS ACCESS POINT BY OWNER
 - UPRIGHT SPRINKLER HEAD AND PIPING. MODIFY TO BE A CEILING MOUNTED SPRINKLER.
 - DIFFUSER. MODIFY DUCT AND ADD FLEX DUCT TO NEW CEILING LOCATION
 - LIGHT. TURN OVER TO OWNER
 - REMOVE AND REINSTALL CEILING GRID, TILE AND SUSPENSION SYSTEM TO FACILITATE INSTALLATION OF NEW PARTITION
 - RELOCATE RETURN AIR GRILLE. SEE NOTE 43

New Construction Notes

- THE FOLLOWING ITEMS ARE NEW UNLESS NOTED OTHERWISE
- 140 CONCRETE BLOCK PARTITION TO MATCH EXISTING. 11 COURSES HIGH, BULLNOSE BLOCK, CERAMIC TILE BASE TO MATCH EXISTING. PRIME AND PAINT TO MATCH EXISTING COLOUR.
 - TRANSITION STRIP
 - EXTEND SHEET VINYL FLOORING INTO DOOR FRAME.
 - FLOORING TO MATCH EXISTING
 - PREPARE FLOOR SURFACE TO ACCEPT NEW FLOORING MATERIAL WHERE PARTITION WAS REMOVED
 - CUT BACK CERAMIC TILE FLOORING TO NEAREST JOINT AND PROVIDE NEW TILE TO MATCH EXISTING EXTENDING INTO NEW DOOR OPENING.
 - FIRE EXTINGUISHER
 - CONTROL PANEL WITH 19MM SOLID HARDWOOD OR MDF BOTTOM, FRONT AND SIDE PANELS TO MATCH EXISTING.
 - SOLID BLOCKING
 - RELOCATED CONTROL PANEL. SEE R3
 - CONSTRUCT 92 METAL STUD PARTITION WITH 15.9MM TYPE X GYPSUM BOARD EACH SIDE FILLED WITH 89 ACOUSTIC BATTS FROM TOP OF CONCRETE BLOCK PARTITION TO UNDERSIDE OF DECK. PROVIDE SHOP DRAWINGS OF METAL STUD DESIGN STAMPED BY AN ENGINEER LICENSED IN THE PROVINCE OF ONTARIO SHOWING STUD SIZES, GAUGE AND LATERAL SUPPORT AND ANCHORING.
 - FLEXIBLE SEALANT
 - TEAR-AWAY J-MOULD
 - 140 CONCRETE BLOCK PARTITION TO MATCH EXISTING. 11 COURSES HIGH
 - METAL STUD KICKER FOR LATERAL SUPPORT
 - FLOOR STOP
 - HALF BLOCK TO MATCH EXISTING COURSING
 - TOOTH IN BLOCK FOR SEAMLESS TRANSITION
 - 965 X 2150 NON-PATED HOLLOW METAL DOOR AND HOLLOW METAL FRAME. HARDWARE TO MATCH EXISTING. PRIME AND PAINT FINISH TO MATCH EXISTING.
 - KICK PLATE TO MATCH EXISTING.
 - OPAQUE ROLLER BLIND
 - CLOSER
 - ACOUSTIC SEALANT
 - FILL DECK FLUTES WITH ACOUSTIC BATTS
 - NEW ACOUSTICALLY LINED "CROSS-TALK" DUCT AT EXISTING TRANSFER DUCT.
 - SUSPENDED ACOUSTIC TILE CEILING, GRID AND SUSPENSION SYSTEM.
 - CONTROL PANEL. SEE DETAILS. PROVIDE FIRE ALARM HORN, CLOCK, PA / TELEPHONE AND RECEPTACLE TO MATCH EXISTING.
 - FEED RACEWAY FROM BEHIND RELOCATED CONTROL PANEL
 - REPAINT EXISTING CONCRETE BLOCK HALF WALL AND PRIME AND PAINT NEW CONCRETE BLOCK AND GYPSUM BOARD PARTITION. COLOUR TO MATCH EXISTING
 - REPAINT EXISTING CONCRETE BLOCK PARTITION AND PRIME AND PAINT NEW CONCRETE BLOCK PARTITION. COLOUR TO MATCH EXISTING
 - RUBBER BASE TO MATCH EXISTING
 - WOOLY TILE AND GRID AND ADD NEW WALL ANGLE AT NEW EXTENDED PARTITION
 - BACK-TO-BACK LINTEL WITH CONCRETE BLOCK FACE SHELL EACH SIDE. PROVIDE MISCELLANEOUS METALS LINTEL DESIGN AND SHOP DRAWINGS STAMPED BY AN ENGINEER LICENSED IN THE PROVINCE OF ONTARIO
 - INFILL DOOR OPENING WITH 140 CONCRETE BLOCK TO MATCH EXISTING COURSING. TOOTH IN FOR SEAMLESS TRANSITION.
 - REFEED CONTROL PANEL
 - RELOCATED JUNCTION BOX. SEE R7
 - ACOUSTICALLY SEAL CABLES AT NEW PARTITION
 - WIRELESS ACCESS POINT BY OWNER
 - SPEAKER
 - CEILING MOUNTED SPRINKLER TO MATCH EXISTING
 - DUCT EXTENSION AND DIFFUSER TO MATCH EXISTING
 - RETURN AIR GRILLE TO MATCH EXISTING
 - RECESSED LIGHT TO MATCH EXISTING CLASSROOM LIGHTING
 - RELOCATED RETURN AIR GRILLE. SEE NOTE R15
 - TOOTH INTO CORRIDOR WALL INFILL

0 Issued for Tender 27 May 2026
and Permit

Revision	Description	Date
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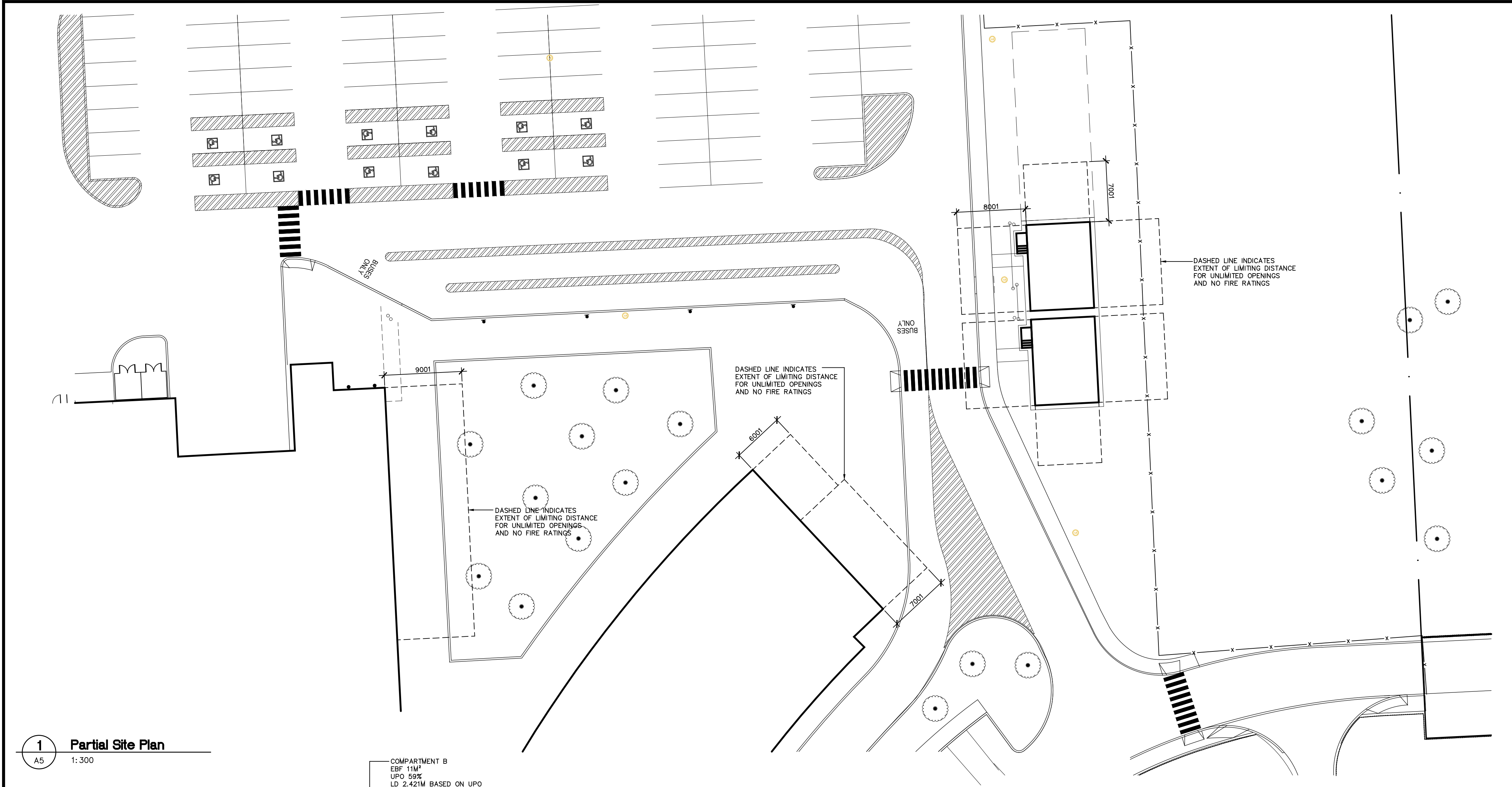
Project
Kingston Secondary School
New Portables
Classroom Renovations

Location
145 Kirkpatrick Street
Kingston, ON

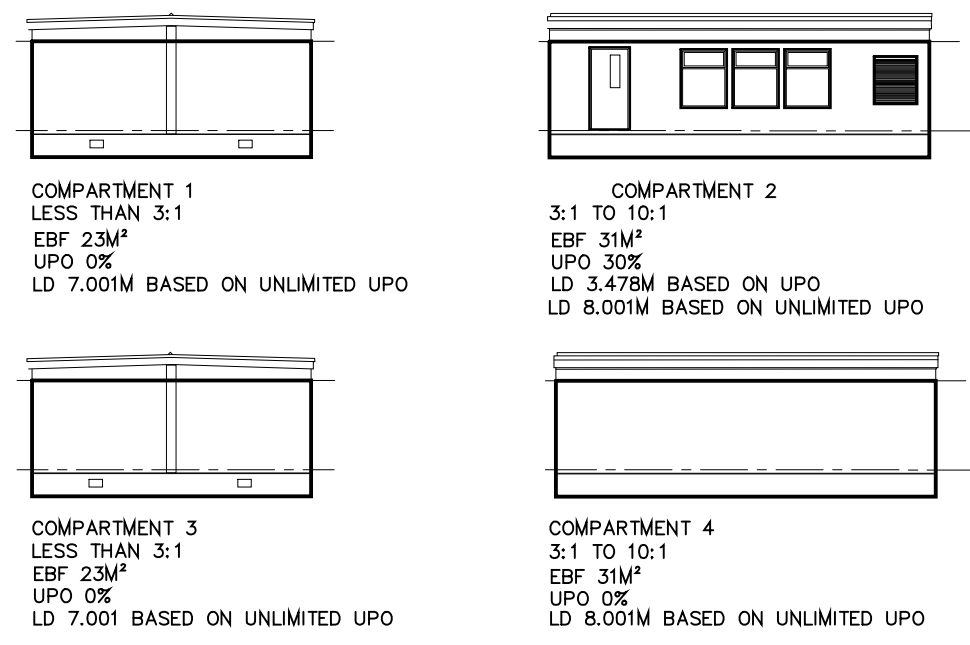
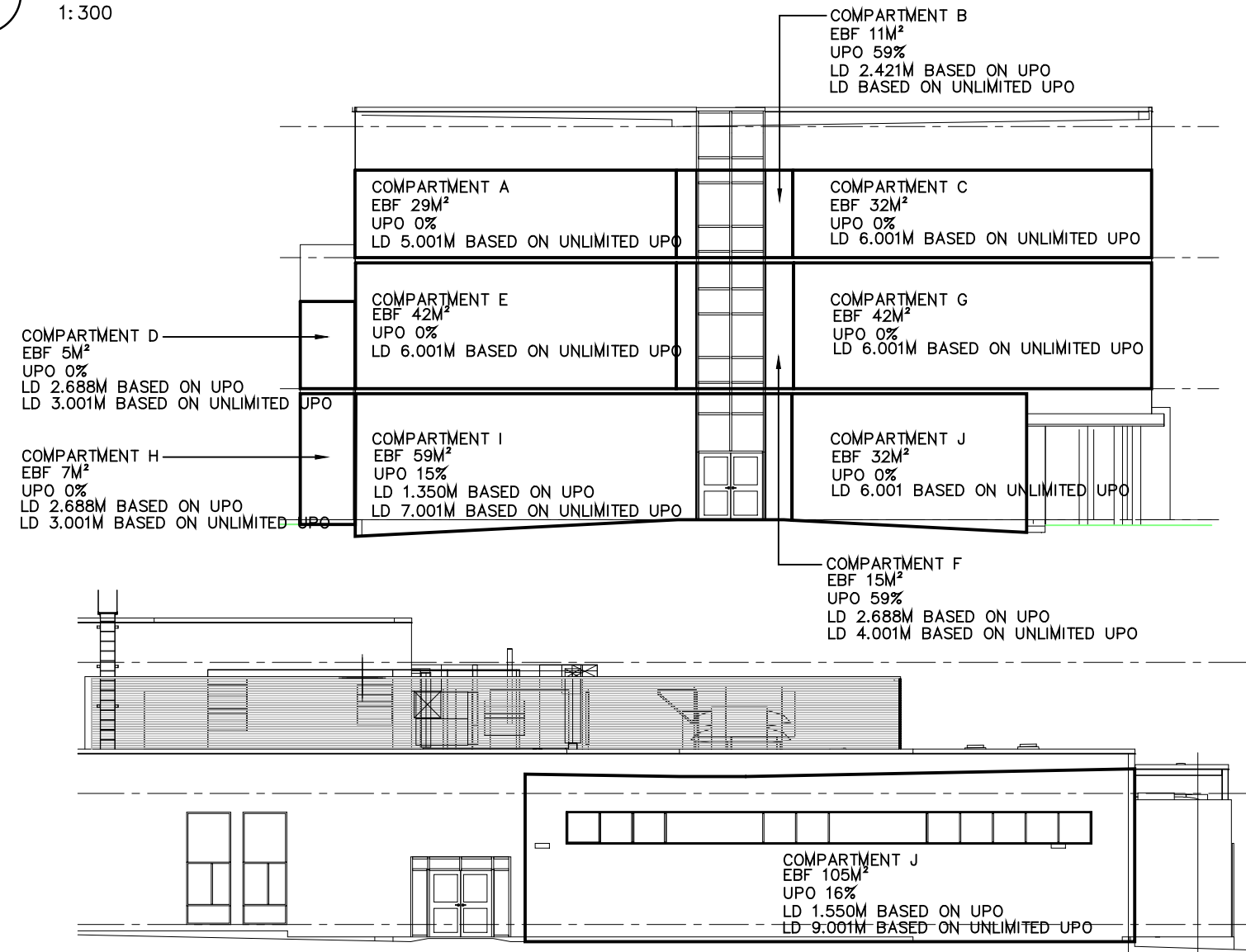
Client
Limestone District School Board

Drawing
Interior Elevations

Drawn by L. Carvalho	Date 5 June 2026
File Name 26028-A4-Int-Elev	Scale 1:25
Client Project # 26028	Drawing Number Revision # 10 A4



1 Partial Site Plan
A5 1:300



2 Exposing Building Faces
A5 1:200

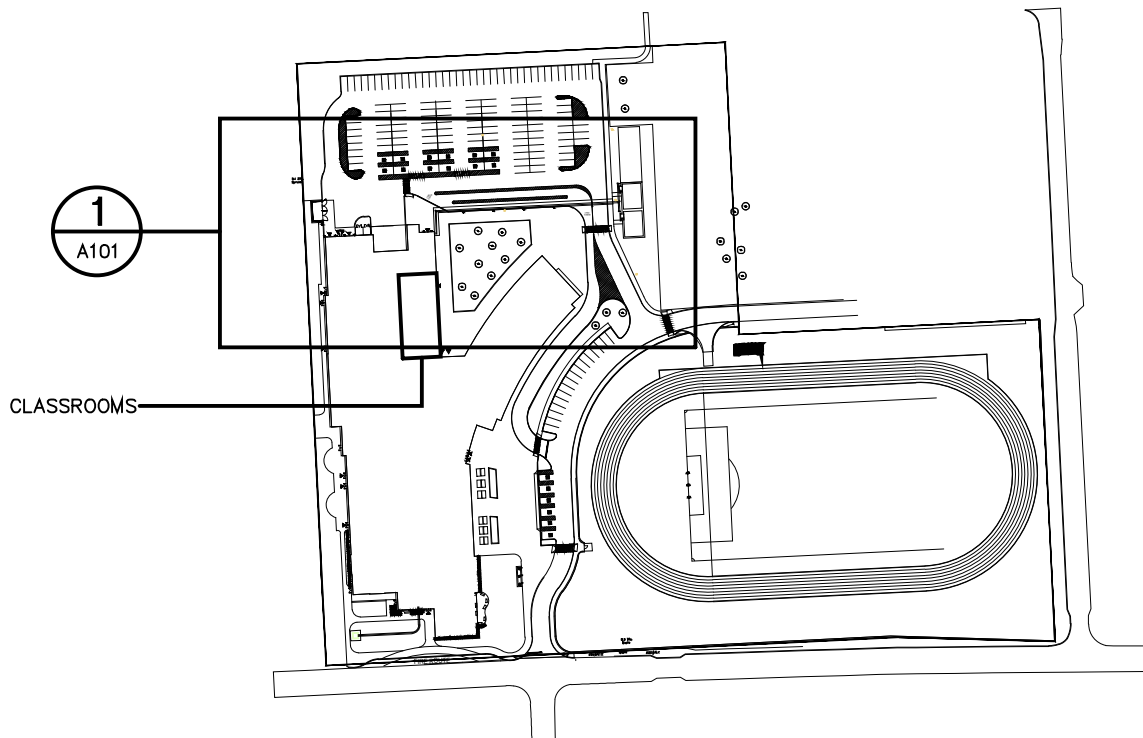
Background
Shoalts and Zaback Architects Ltd. (SZA) was retained by the Limestone District School Board (LDSB) to determine Code compliance with respect to the location of the two new portables at Kingston Secondary School. The LDSB provided drawings for our review by ATCO and Groundwork Engineering and the Code analysis is based on those drawings. Lintack Architects Inc. is responsible for the general review of the portables. The extent of the scope for SZA is location of the site. Groundwork will provide general review for all other site work. Callidus Engineering is responsible for mechanical and electrical scope.

Building Statistics
Based on drawings provided by LDSB.
Date of construction Proposed 2026
Building Area: 74.2 m² each
Aggregate building area 148.4 m² (both portables)
Height: One storey
Construction: non-combustible
Fire Alarm: Yes
Sprinklers: No
Standpipe: No

See consultants documents and portable drawings for compliance with Articles 3.9.1.1, 3.9.1.2, 3.9.2.1, 3.9.3.3, 3.9.3.5, 3.9.3.6 and 3.9.3.7

Ontario Building Code Analysis
Applicable sections are referenced below.

Reference	Compliance
3.9.3.1.(1)	Each portable is 74.2m ² .
3.9.3.1.(2)	There are two portables next to each other in a group with a distance less than 6m and therefore they are considered a single building with an area of 148.4m ²
3.2.2.28	Portable group is non-combustible, one storey, 148m ² and therefore complies with this article.
3.9.3.2.(2).(a)	There is one group of portable classrooms, the distance between the individual portables is less than 6m, there are only two portables in the group and there is no other group from which to be distant.
3.9.3.3	The fire alarm is extended from the school according to the provided drawings.
3.9.3.4	The portable classrooms are in groups conforming to 3.9.3.2.(2).(a) and therefore the requirements of 3.2.2.10 and 3.2.5.1 to 3.2.5.7 are not applicable.
3.2.3.1	Based on the drawings provided by the LDSB, the limiting distance based on the actual unprotected openings was calculated to determine the limiting distance of each fire compartment. Fire compartment locations were based on the provided drawings that formed the permit set for the original building. The portables are located so that the limiting distances from each building does not intersect. The portables were analyzed as one group. Refer to attached plan for site placement. The most restrictive limiting distance is indicated. Refer to attached limiting distance diagrams by compartment. The limiting distance indicated on the site plan indicates the limiting distance required so that the maximum unprotected openings are unlimited and there is no restriction on construction or cladding and there are no fire resistance ratings for either the portables of the school building.
3.9.3.8	According to the OBC matrix on the original building drawings, there are 86 water closets provided in the building. The occupant load according to 3.7.4.3.(14) is 1 fixture for 26 females and 1 fixture for 30 males. Assuming the split between the sexes is equal, the fixtures are based on 26. Therefore washrooms can accommodate 2,236 occupants. According to the original OBC matrix, the occupant load is 1,450 occupants. According to the portable OBC matrix, each portable has an occupant load of 30. The new combined occupant load is 1,510. The number of plumbing fixtures is adequate to serve the proposed portables.



3 Key Plan
A5 1:3000

2024 Ontario Building Code Data MatrixPart 11 – Renovation for Classrooms				Building Code Reference *
11.00	Building Code Version:	O. Reg. 163/24	Last Amendment	O. Reg. 447/24
11.01	Project Type:	<input type="checkbox"/> Addition <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Addition and renovation <input type="checkbox"/> Change of use		[A] 13.3.8.
11.02	Major Occupancy Classification:	Occupancy	Use	3.1.2.1.(1), 2.1.4.1.(1), and 11.2.1.
		A2	Secondary School	
11.03	Superimposed Major Occupancies:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		11.2, 3.2.2.5 to 3.2.2.8, and 2.2.1.
11.04	Building Area (m ²)	Description:	Existing New Total	[A] 14.1.2, 11.2, and 11.3.
		Building area*	9,092m ² 0 9,092m ²	
			0 0 0	
			0 0 0	
			0 0 0	
		Total	0 0 0	
11.05	Building Height	3 Storeys above grade	0 (12.6m) Above grade	[A] 14.1.2, 3.2.1.1, 2.2.2.2, and 11.3.
		0 Storeys below grade		
11.06	Number of Streets/ Firefighter Access	1 street(s)		3.2.2.10, 3.2.5, 2.2.4.1, and 11.3.
11.07	Building Size	<input type="checkbox"/> Small <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Large <input type="checkbox"/> > Large		11.2.1.1, and T.11.2.1.1.B-N.
11.08	Existing Building Classification:	Change in Major Occupancy: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (no change of major occupancy) Construction Index: 0 Hazard Index: 0 Importance Category: <input type="checkbox"/> Low <input type="checkbox"/> Normal <input checked="" type="checkbox"/> High <input type="checkbox"/> Post-disaster		10.1.1.2, 11.2.1.1, T.11.2.1.1.A, T.11.2.1.1.B to N, 4.1.2.1.(3), 2.3.1, and 5.2.2.1.(2)
11.09	Renovation Type:	<input checked="" type="checkbox"/> Basic Renovation <input type="checkbox"/> Extensive Renovation		11.3.3.1, and 11.3.3.2.
11.10	Occupant Load	Floor Level/Area	Occupancy Based On	3.1.1.7, 2.1.2.2, and 11.4.2.2.
			Occupant Load (Persons)	
		All levels based on OBC matrix from original building	1,450	
			0	
		60 (portables)	60	
		Total	1,510	
11.11	Plumbing Fixture Requirements	Ratio: M/F = 50:50 Except as otherwise noted. Plumbing fixtures are unchanged and the occupant load is not impacted by the classroom renovations.		3.7.4, 11.3.4, 11.3.5, 11.4.2.4, and 11.4.2.5.
		Floor Level/Area	Occupant Load	
			0	
			0	
			0	
			0	
11.11	Plumbing Fixture Requirements continued:	Barrier-free WCs Required	Barrier-free WCs Provided	Tables 3.8.2.3.A and 3.8.2.3.B
		0	0	
		0	0	
		0	0	
		0	0	
11.12	Barrier-free Design:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Explanation N/A Not impacted by the work		11.3.1.2, 11.3.2, 11.3.3.2.
	Barrier-free Entrances:	Number	Explanation N/A Not impacted by the work	
11.13	Reduction in Performance Level:	Structural:	<input type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.1.
		By Increase in occupant load:	<input type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.2.
		By change of major occupancy:	<input type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.3.
		Plumbing:	<input type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.4.
		Sewage systems:	<input type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.5.
		Extension of buildings of combustible construction:	<input type="checkbox"/> No <input type="checkbox"/> Yes	11.4.2.6.
11.14	Compensating Construction:	<input type="checkbox"/> No <input type="checkbox"/> Yes		11.4.3.1.
		Structural:	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe)	11.4.3.2.
		Increase in occupant load:	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe)	11.4.3.3.
		Change of major occupancy:	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe)	11.4.3.4.
		Plumbing:	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe)	11.4.3.5.
		Sewage systems:	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe)	11.4.3.6.
		Extension of buildings of combustible construction:	<input type="checkbox"/> No <input type="checkbox"/> Yes (Describe)	11.4.3.7.
11.15	Compliance Alternatives Proposed:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (list numbers and describe)		11.5.1.
		(list numbers and describe)		
		(list numbers and describe)		
11.16	Alternative Solutions			[A] 12.1.1, and [C] 2.1.
11.17	Notes:			

1 All references are to Division B of the OBC, unless preceded by [A] for Division A and [C] for Division C.

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0	Issued for Tender and Permit	27 May 2026
Revision	Description	Date
Project	Kingston Secondary School New Portables Classroom Renovations	
Location	145 Kirkpatrick Street Kingston, ON	
Client	Limestone District School Board	
Drawing	Code Sheet	
Drawn by	T. Storms	Date 27 May 2026
File Name	26028-A5-Code	Scale As Noted
Client Project #		Drawing Number
Project #	26028	Revision # 10
		A5

