		NE\	N BUII	DING	ADDITION					BC Refere					
	Ontario	2012 Bu	uilding	Code,	Data Matrix	Parts 3 or 9				nces are to D Division A or [
1	Project	Description	on:				■ New	■ Part	_			art 9			
		,			□ Ch	nange of Use	□ Additior □ Alterati		4 1.1.2.[1	4]		[A]&9.IO.I			
2	Major 0	ccupancy(s	6): <u>A2</u>	- ASS	EMBLY				3.1.2.	I.(I)	9.10	.2			
3	Building	Area (m²)	: Existir	ng: <u>7,9</u> :	<u>38</u> m² + Ne	M: <u>O</u> m²	= Total <u>:</u>	7 <u>,938</u> m²	1.4.1.2	:.[A]	1.4.1.	2.[A]			
4	Gross A	rea (m²):	Existir	ng: <u>14,7</u>	<u>26</u> m² + Ne	M:O m²	= Total <u>:</u>	<u>21,167</u> m²	1.4.1.2	:.[A]	1.4.1.	2.[A]			
5	Number o	of Storeys	s: Abo	ove Gr	ade: <u>2</u>	Below Grade:			1.4.1.2	!.[A]&3.2.I.I.	1.4.1.	1.4.1.2.[A]\$9.10.4			
6	Number o	of Streets	i / Fire	Fighter	^ Access:	4	_		3.2.2.10 \$ 3.2.5 9						
7	Building Classification: Existing Non-conforming									3.2.2.20 to 3.2.2.83),2			
8	Sprinkler System Proposed: □ Entire Building □ Selected Compartments □ Selected Floor Areas □ Basement □ In Liev of Roof Rating ■ Not Required									3.2.1.5 3.2.2.17).8.2 Ex			
9	Standpipe Required:							3.2.9	3.2.9		N/A				
10		rm Requir				Yes No			3.2.4		9.10.18				
П				- Adeqi	vate:	Yes □No			3.2.5	.7	N/A				
12	High Buil		ا ا ا	ν		Yes I No			3.2.6		N/A				
13	Construction Restrictions: Combustible Non-Combustible Both Permited Required Actual Construction: Combustible Non-Combustible Both									3.2.2.20 to 3.2.2.83		9.10.6			
14	Mezzanine(s) Area (m²): N/A m² Mechanical Mezzanine									3.2.1.1.(3) to 3.2.1.1.(8)		9.10.4.1			
	Occupant Load Based On: \square m²/person \square Design of Building I Floor: Occupancy: $\underline{N/A}$ Load: $\underline{N/A}$ persons 2 nd Floor: Occupancy: $\underline{N/A}$ Load: $\underline{N/A}$ persons														
16	Barrier Free Design: ■ Yes □ No (Explain)								3.8	3.8		9.5.2			
17	Hazarda	us Substar	1005:	□ Yes	■ No				3.3.1.	3.3.1.2 & 3.3.1.19		9.10.1.3.(4)			
18	Required Horizontal Assemblies Fire FRR (Hours) or Description (5G-2) Resistance Rating (FRR) Mezzanine N/A Hours FRR of Supporting Members Floors N/A Hours FROOF N/A Hours FROOF N/A Hours FROOF N/A Hours FROOF N/A Hours Floors N/A Hours Roof N/A Hours						to 3.	3.2.2.20 to 3.2.2.83 \$ 3.2.1.4		9.10.8 9.10.9					
<u> </u>	Mezzanine <u>N/A</u> Hours Spatial Separation - Construction of Exterior Walls									3.2.3 9.10		0.l4			
	Wall	Area of EBF (m²)	L.D. (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Comb. Const.	Comb. Co Nonc. Claddir	nst.	Non-Com Constr.			
	North	N/A	N/A	N/A	N/A	N/A	WA	-	=	-	ン				
	South	N/A	N/A	N/A	N/A	N/A	N/A	-	-	_		-			
	East	N/A	N/A	N/A	N/A	N/A	N/A	-	_	_					
	West	N/A	N/A	N/A	N/A	N/A	N/A	_	_	-		-			
				I . ", ,	1973	1 1973	I ' ' ' '			<u> </u>					
20	Other -	Describe:													

Architectural

Structural

Overall Floor Plans

Partial Roof Plan

Sections & Details

General Notes

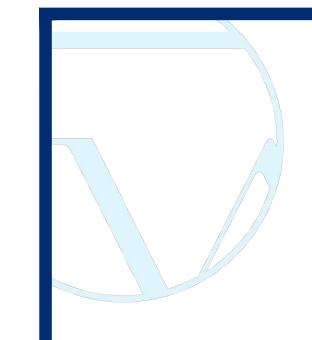
Typ. Details

Reflected Ceiling Plan

Enlarged Ground Floor Plan

Enlarged Second Floor Plan

Part Exist. Roof Framing Plan, Notes and Detail



HVAC Renovations

Glendale Secondary School

145 Rainbow Drive,

Hamilton, ON

CLIENT:

Mechanical

M0.0 Mechanical Legend, Key Plan & Drawing List

MO.1 Mechanical Key Plan

M0.2 Mechanical Specifications

10.3 Mechanical Specifications

10.4 Mechanical Specifications

M0.5 Mechanical Specifications

M0.6 Mechanical Specifications

MO.7 Mechanical Specifications

M0.8 Mechanical Specifications

M0.9 Mechanical Specifications

M0.10 Mechanical Specifications

M0.11 Mechanical Specifications

M1.0 Demolition Boiler Room Ground Floor Plan

11.1 Demolition HVAC Ground Floor Plan

M1.2 Demolition HVAC Second Floor Plan

M1.3 Demolition HVAC Roof Plan

M2.0 Proposed Boiler Room Ground Floor Plan

M2.1 Proposed HVAC Ground Floor Plan

M2.2 Proposed HVAC Second Floor Plan

M2.3 Proposed HVAC Roof Plan

M3.0 Mechanical Details & Schedules

M3.1 Mechanical Details & Schedules

M3.2 Mechanical Details & Schedules

M4.0 Control Schematics

VI4.1 Control Schematics

M4.2 Control Schematics

M4.3 Control Schematics

ME1.0 Mechanical & Electrical Schedules

ME1.1 Mechanical & Electrical Schedules

Electrical

E0.0 Electrical Legend & Drawing List

Hamilton Wentworth District School Board

E0.1 Overall Plans

E1.0 Ground Floor - Power & Systems Demolition Plans

20 Education Court | Hamilton, ON | L9A 0B9

E1.1 Second Floor - Power & Systems Demolition Plans

E1.2 Roof - Power & Systems Demolition Plans

E2.0 Ground Floor - Power & Systems New Plans

E2.1 Ground Floor - Power & Systems New Plans

E2.2 Roof - Power & Systems New Plans

E3.0 Electrical Specifications and Panel Schedules

ME1.0 Mechanical & Electrical Schedules

ME1.1 Mechanical & Electrical Schedules



PROJECT # 2328

ISSUED FOR TENDER - JANUARY 31/24

Architects Inc.

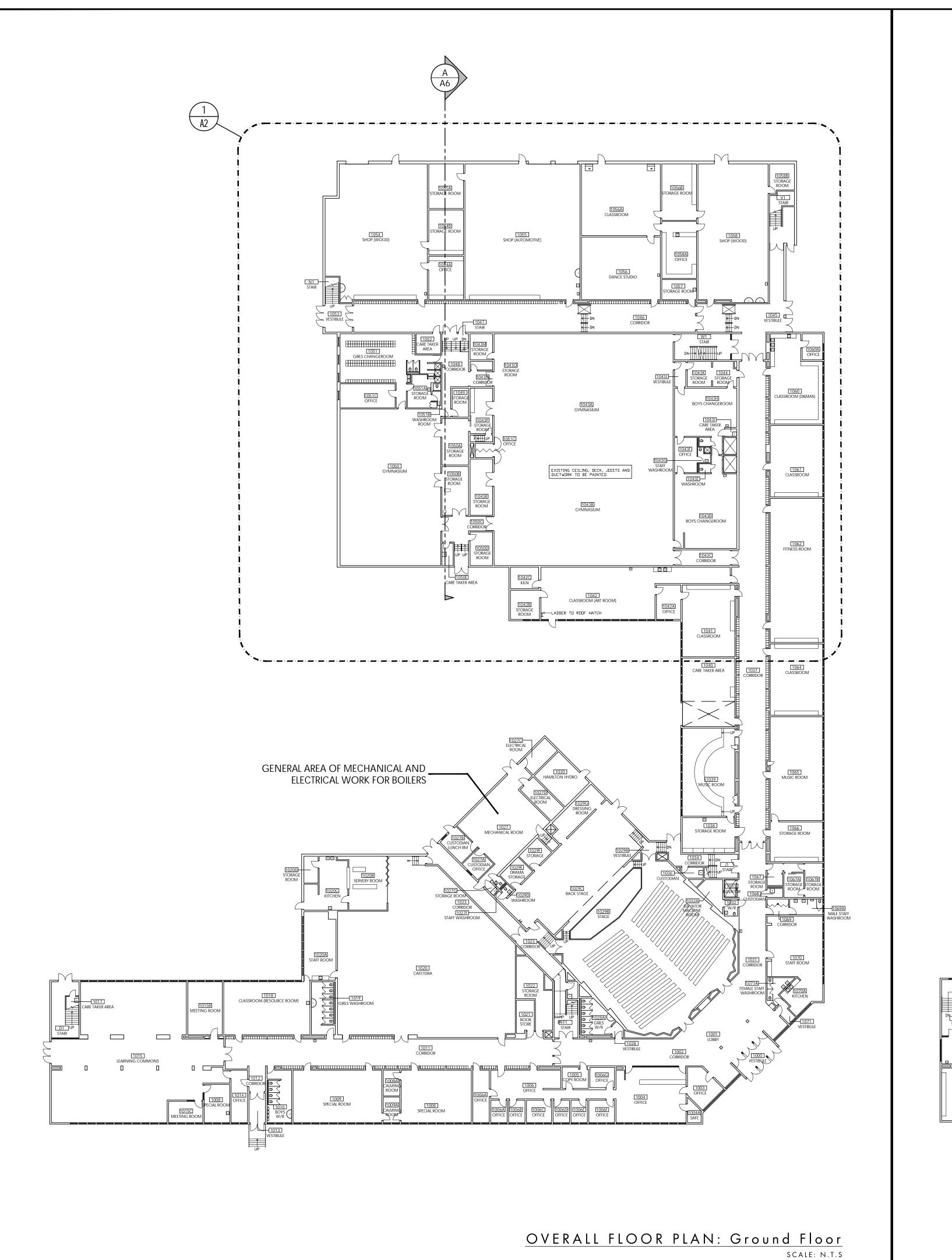
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ST. CATHARINES
ONTARIO | L2R 5J5

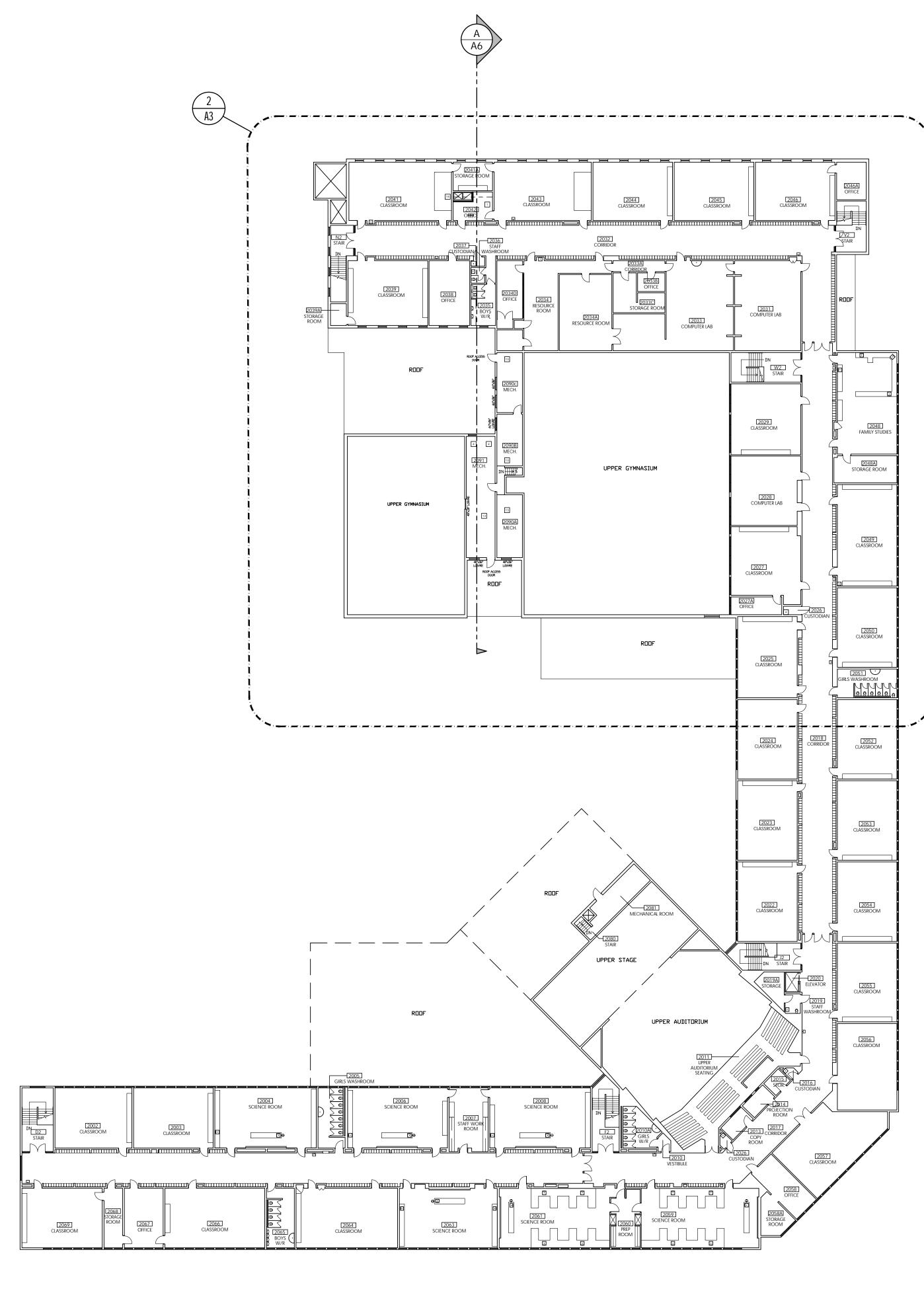
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admin@whitelinearchitects.com

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2. Issued for Tender Jan. 31/24

PROJECT: **HVAC** Renovations at:

Glendale Secondary School

145 Rainbow Drive Hamilton, ON For the HWDSB



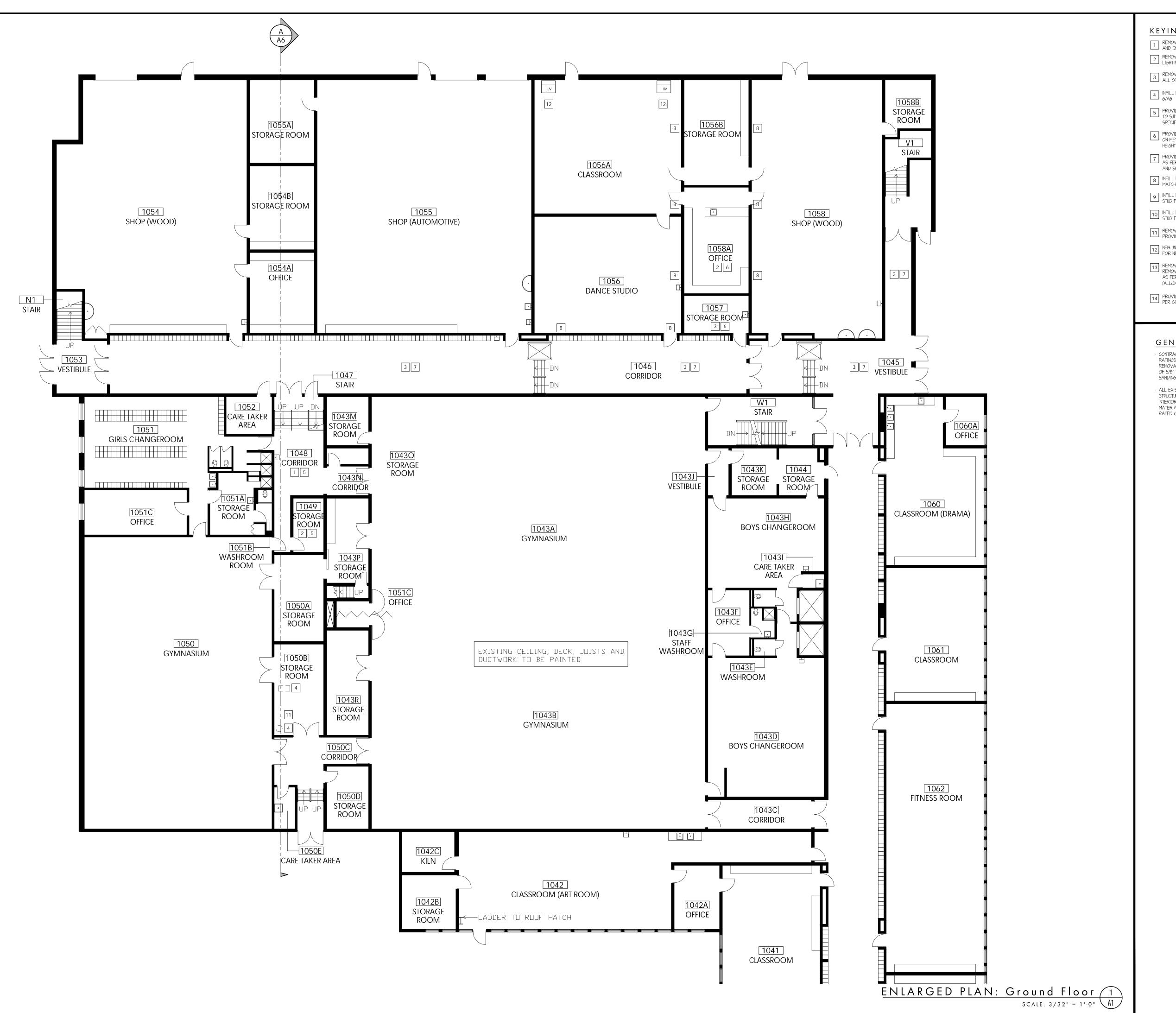


DRAWING TITLE: Overall Floor Plans

As Noted

DATE: October 2023 PROJECT #:

OVERALL FLOOR PLAN: Second Floor SCALE: N.T.S.



KEYING NOTES:

- REMOVE EX. METAL LATH & PLASTER CEILING ON METAL FURRING, LIGHTING AND DEVICES

- SPECIFICATIONS)
- HEIGHTS AND SPECIFICATIONS)

- NEW UNIT VENTILATOR AS PER MECHANICAL REFER TO STRUCTURAL FOR NEW WALL OPENING AND MECHANICAL FOR LOUVRE.
- REMOVED EQUIPMENT AND REPAIR FLOOR WITH CONCRETE TO MATCH AS PER DETAIL A6/6 (ALLOW FOR 20 PIPE LOCATIONS IN MECHANICAL 2ND FLOOR)
- PROVIDE NEW OPENING IN EXISTING FLOOR SLAB AND ROOF AS PER STRUCTURAL DETAILS

GENERAL NOTE:

· CONTRACTOR TO ALLOW FOR ANY / ALL REPAIRS TO EXISTING FIRE RATINGS AT CEILINGS DUE TO DUCT / HANGERS / DEVICE / LIGHT REMOVALS. ALLOW FOR 4000 SQFT OF REPAIR USING 2 LAYERS OF 5/8" TYPE 'X' GYPSUM WALL BOARD AS WELL AS FIRE TAPE / SANDING AND PAINTING

· ALL EXISTING AND NEW HOLES (FROM FLOOR TO U/S ABOVE FLOOR STRUCTURE) IN ANY WALL SEPARATING SHOPS FROM ANY OTHER INTERIOR SPACE IS TO BE FILLED WITH SIM. BLOCK OR GWB MATERIAL WITH A FIRE-RESISTANCE RATING OF IHR. MIN. c/w FIRE RATED CAULKING TO SUIT

REMOVE EX. CEILING TRANSITE ACCOUSTICAL TILE CEILING, LIGHTING AND DEVICES

- REMOVE EXISTING SUSPENDED ACOUSTIC TILE CEILING, LIGHTING AND ALL OTHER DEVICES AS PER MECHANICAL/ELECTRICAL
- 4 INFILL EXISTING CONCRETE SLAB AT DUCT REMOVALS AS PER DETAIL 6/A6
- 5 PROVIDE NEW 5/8" GYPSUM WALL BOARD CEILING ON METAL FURRING TO SUIT; REFER TO DRAWING A5 FOR CEILING HEIGHTS AND
- 6 PROVIDE NEW TWO LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD CEILING ON METAL FURRING TO SUIT; REFER TO DRAWING A5 FOR CEILING
- 7 PROVIDE NEW S.A.T. CEILING SYSTEM; INSTALL LIGHTING AND DEVICES AS PER ELECTRICAL; REFER TO DRAWING AS FOR CEILING HEIGHTS AND SPECIFICATIONS)
- 8 INFILL EXISTING CONCRETE BLOCK WALL W/ NEW CONCRETE BLOCK TO MATCH EXISTING SIZE AND COURSING AT GRILLE REMOVALS
- 9 INFILL EXISTING EXTERIOR WALL WITH I/2" CEMENT BOARD ON METAL STUD FRAMING AS PER DETAIL 4/A6
- 10 INFILL EXISTING EXTERIOR WALL WITH I/2" CEMENT BOARD ON METAL STUD FRAMING AS PER DETAIL 5/A6
- 11 REMOVE EXISTING VAT IN AREA OF DUCTWORK REMOVAL AND PROVIDE NEW VCT FLOORING TO MATCH
- 13 REMOVE EXISTING FLOOR DRAIN OR PIPE PENETRATION FROM

PROJECT:

HVAC Renovations at:

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DIMENSIONS AND MUST CONFIRM & CORRELATE
ALL DETAILS WITHIN THE FULL DRAWING
PACKAGE BEING RESPONSIBLE FOR SAME
THROUGHOUT CONSTRUCTION, REPORTING ANY
DISCREPANCIES TO THE ARCHITECT PRIOR TO

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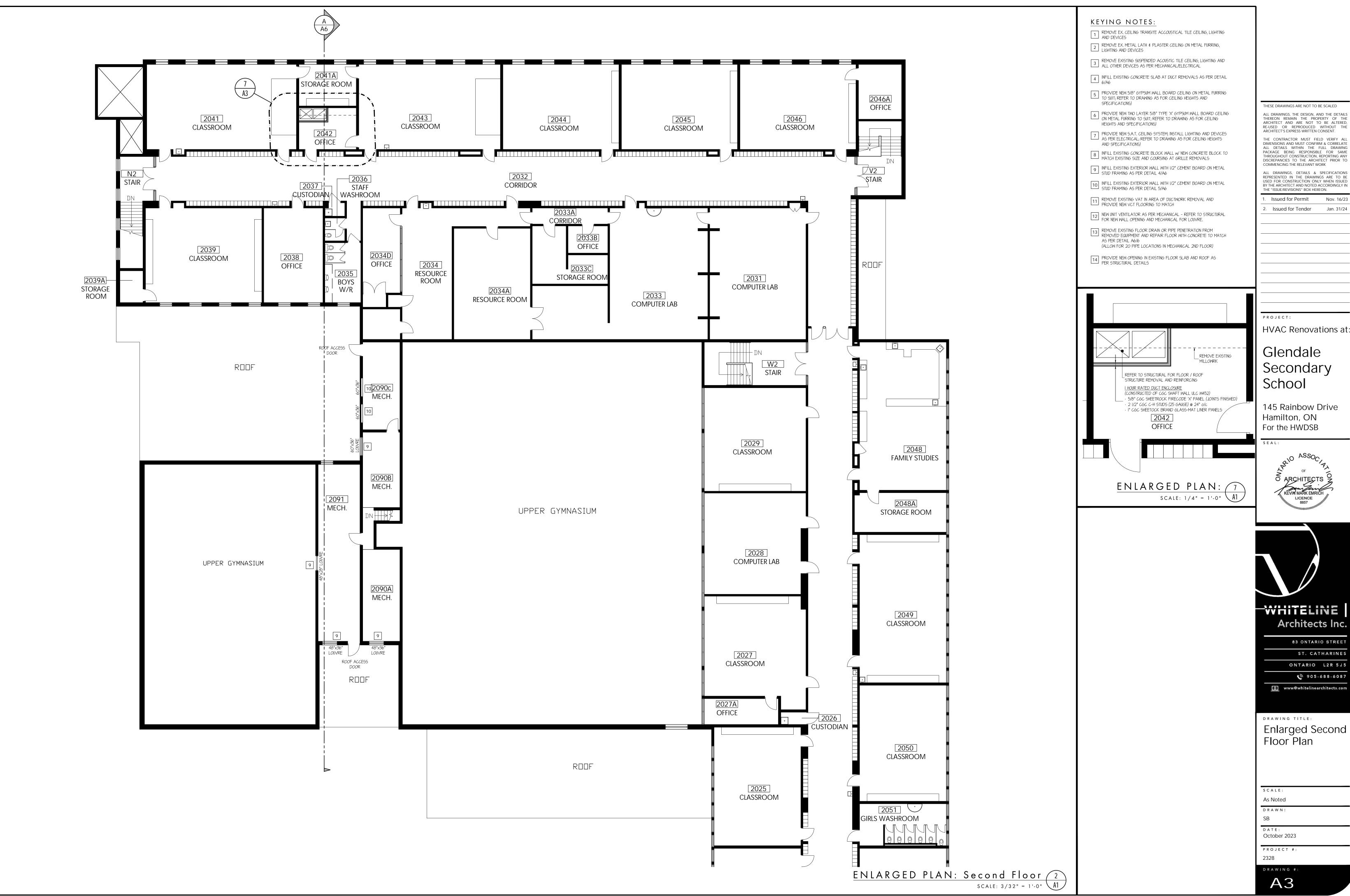


DRAWING TITLE: **Enlarged Ground** Floor plan

As Noted DRAWN: SB. DATE: October 2023 PROJECT #:

A2

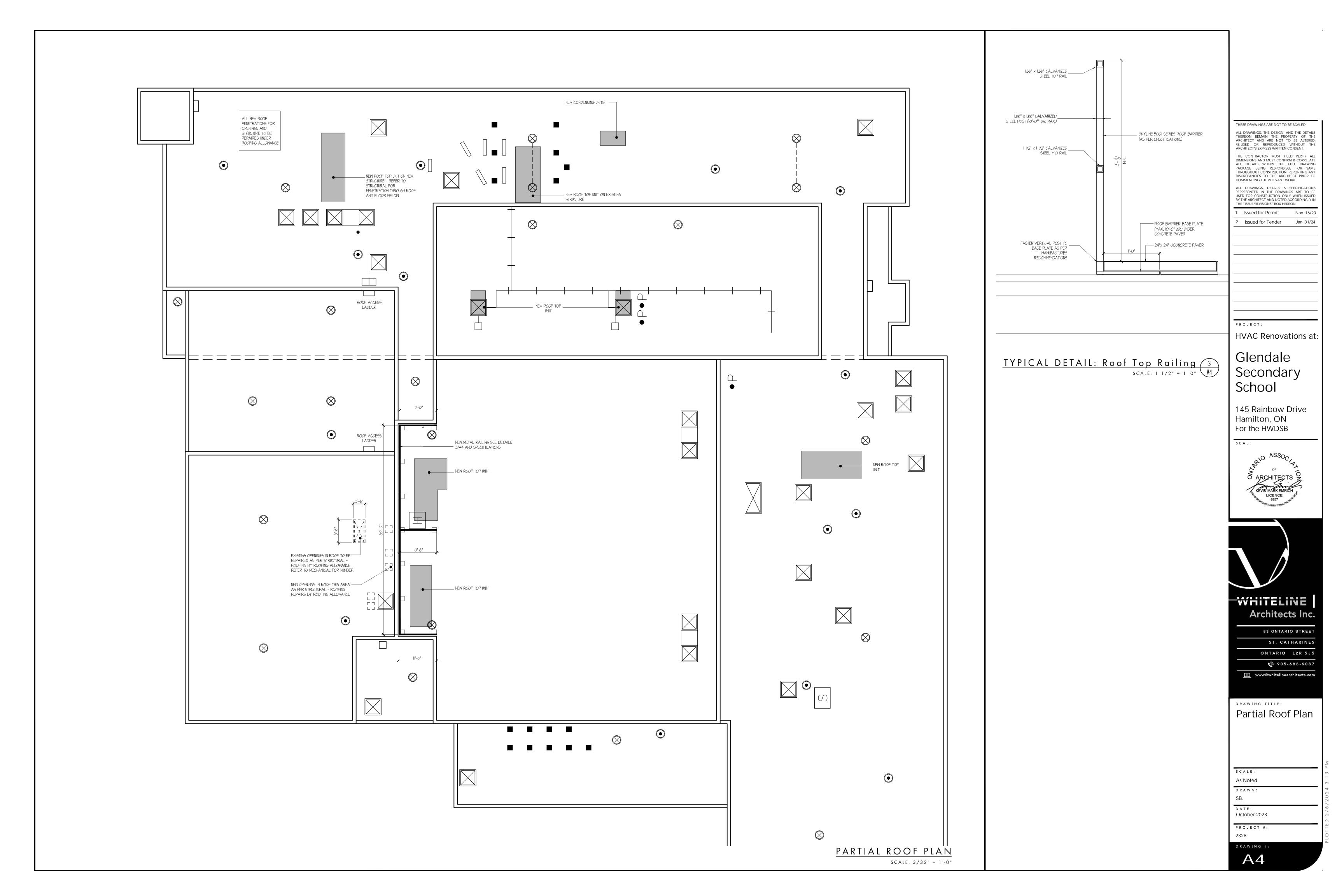
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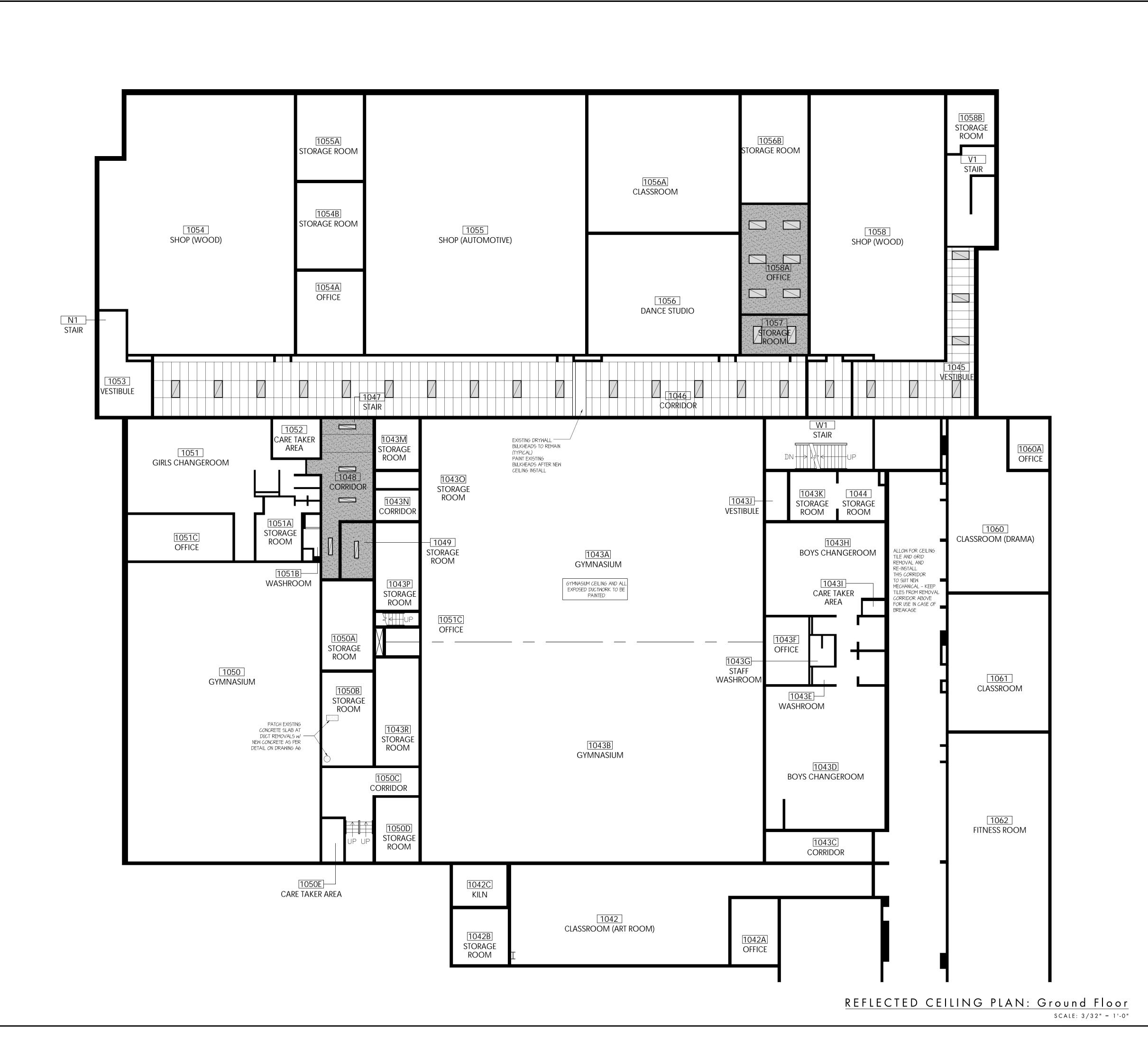


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Nov. 16/23







CEILING FEATURES:

Architectural Items:

X'-X" FINISHED CEILING HEIGHT (TO UNDERSIDE) ABOVE FINISHED FLOOR

ETR EXISTING CEILING FINISHES (& RELATED MECH'L & ELECT'L ITEMS) TO REMAIN

EXPOSED OVERHEAD STRUCTURE, U/S DECK & ALL RELATED HVAC ITEMS

ROOM IDENTIFICATION NUMBER

TILES: 24" X 48" X 3/4" ARMSTRONG "SCHOOL ZONE FINE FISSURED" #1714
SQUARE LAY-IN TILES IN WHITE FACTORY FINISH
GRID: ARMSTRONG "PRELUDE ML 15/16" EXPOSED TEE SYSTEM" IN WHITE
FACTORY FINISH

NEW GWB (CEILINGS AND BULKHEADS):

NEW GYPSUM WALL BOARD CEILING BULKHEAD (5/8" GWB ON 3 5/8" STEEL

STUDS @ 16" o/c CONTINOUS TO DECK ABOVE OR SUSPENDED FURRING

STRIPS TO SUIT); PAINT AS PER ROOM FINISH SCHEDULE

NEW FIRE RATED GWB:
NEW (2) LAYERS 5/8" TYPE 'X' GWB SUSPENDED FURRING STRIPS TO SUIT);
PAINT AS PER SPECIFICATIONS

Electrical Items:

24"x48" RECESSED LUMINARE: AS PER ELECTRICAL

<u>I2"x48" RECESSED LUMINARE:</u> AS PER ELECTRICAL

Mechanical Items:

SUPPLY AIR DIFFUSER: 24"x24" AS PER MECHANICAL 12"X12" AS PER MECHANICAL

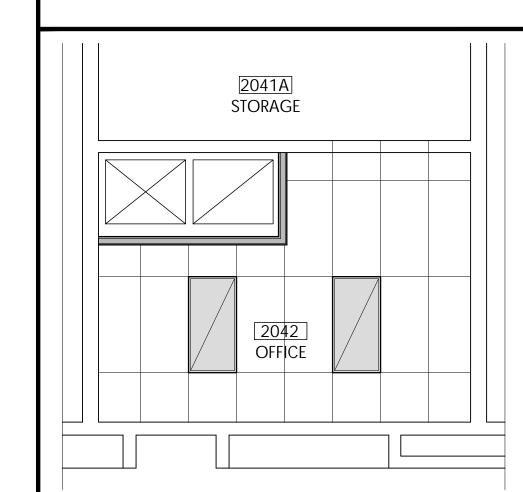
> EXHAUST FAN: AS PER MECHANICAL

NOTES:

ALL MECHANICAL & ELECTRICAL CEILING FEATURES ARE TO BE LOCATED IN POSITIONS SHOWN ON ARCHITECTURAL DRAWINGS THROUGHOUT; ITEMS SHOWN ON MECHANICAL & ELECTRICAL DRAWINGS PROVIDE GENERAL LOCATIONS ONLY; FINAL & SPECIFIC LOCATIONS TO BE AS PER ARCHITECTURAL DRAWINGS (TYP)

AT EXISTING PLASTER MEMBRANE ABOVE EXISTING SAT CEILING ALLOW FOR REPAIRS OF

EXISTING MEMBRANE (FOR NEW AND EXISTING HOLES) WITH 2 LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD 6" WIDER THAN OPENING WITH FIRE CAULKING AROUND PERIMETER TO MAINTAIN I HOUR FIRE SEPARATION. FOR LEARNING COMMONS AND ASSOCIATED ROOMS ALLOW FOR IO% OF CEILING AREA



ENLARGED PLAN: 7
SCALE: 1/4" = 1'-0" A1

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Reflected Ceiling
Plan

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S C A L E :

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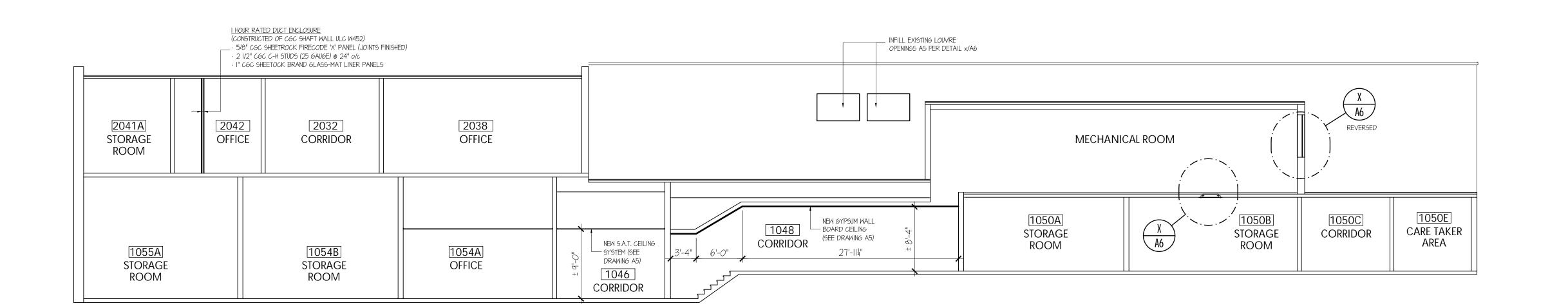
SB

D A T E :
October 2023

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DRAWING #:

PROJECT #:



SECTION

SCALE: 1/8" = 1'-0"

A1

SECTION	DETAIL:	Floor	· Infill	6
		SCALE: 1 1	1/2" = 1'-0"	A6

AT CONTRACTORS EXPENSE.

ROOM		FLOORS			WALLS			CEILING		REMARKS			
NO.	NAME	FINISH BASE		NOTES	FINISH		NOTES	MATERIAL	FINISH	HEIGHT	NOTES		
043a	GYMNASIUM			-				EX	PAINT	EX			
043B	GYMNASIUM							EX	PAINT	EX			
1045	CORRIDOR							NEW SAT	FF	EX			
1046	CORRIDOR							NEW SAT	FF	EX			
1047	STAIR			-				NEW GWB	PAINT	EX			
1049	STORAGE			<u> -</u>				NEW GWB	PAINT	EX			
050B	STORAGE	NEW VCT		FN-I				EX	PAINT	EX			
<i>0</i> 54A	OFFICE							EX	PAINT	EX			
<i>0</i> 54B	STORAGE					-		EX	PAINT	EX			
056A	CLASSROOM				EX CMU	PAINT		EX	PAINT	EX			
1057	STORAGE							NEW GWB	PAINT	EX			
<i>0</i> 58A	OFFICE				EX CMU			NEW GWB	PAINT	EX			
2042	OFFICE	NEW VCT	NEW RB	-	EX CMU NEW GB	PAINT		NEW S.A.T.	FF	EX			
		FLOORING ABBREVIATIONS: EX EXISTING TO REMAIN PTB PORCELAIN TILE BASE CT CERAMIC TILE RB RIBBER BASE TZ TERRAZZO TZB TERRAZZO BASE FLOORING NOTES (FN): FN-I LOCALIZED FLOOR REPAIR AS INDICATED ON DRAWINGS			WALL ABBREVIATIONS: CMU CONCRETE MASONRY UNIT EX. EXISTING TO REMAIN GMB GYPSUM WALL BOARD PAINT ALL PAINTED FINISHES TO BE IN THE VARYING PRODUCT FORMULATIONS, SHEENS, ETC. AS OUTLINED IN THE PROJECT SPECIFICATIONS. WALL NOTES (WN): WN-I NEW WALL TILE AS PER DRAWINGS			CEILING ABBREVIATIONS: EX. EXISTING (CEILING FINISHED) TO REMAIN FF FACTORY FINISH GWB GYPSUM WALL BOARD SAT-# SUSPENDED ACOUSTIC TILE CEILING & GRID SYSTEM (AS PER SPECIFICATIONSI) CEILING NOTES (CN): CN-I REPAIR EX. GWB CEILING AS REQUIRED TO SUIT NEW PARTITIONS AS WELL AS EXISTING DAMAGE CN-2 REINSTATE EXISTING CEILING				GENERAL REMARKS (GR): GR-I NEW FINISHES IN AREA OF WORK ONLY	

COMPLETED ON SITE WITHOUT THE ARCHITECT'S PRIOR DIRECTION MAY REQUIRE SUBSEQUENT RECTIFICATION TO THE ARCHITECT'S SATISFACTION AT HIS SOLE DISCRETION AND

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Sections and Details

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