
BADGER MIDDLE SCHOOL ADDITION AND RENOVATION

**710 S. MAIN STREET
WEST BEND, WI 53095**



eppstein uhen : architects

CONCEPTUAL DESIGN

APRIL 3, 2009

PROJECT NUMBER: 305451-07



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Madison, Wisconsin 53703
tel 608 442 5350 fax 608 442 6680

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AND RENOVATION**

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KEY PLAN

SHEET INFORMATION

PROGRESS DOCUMENTS

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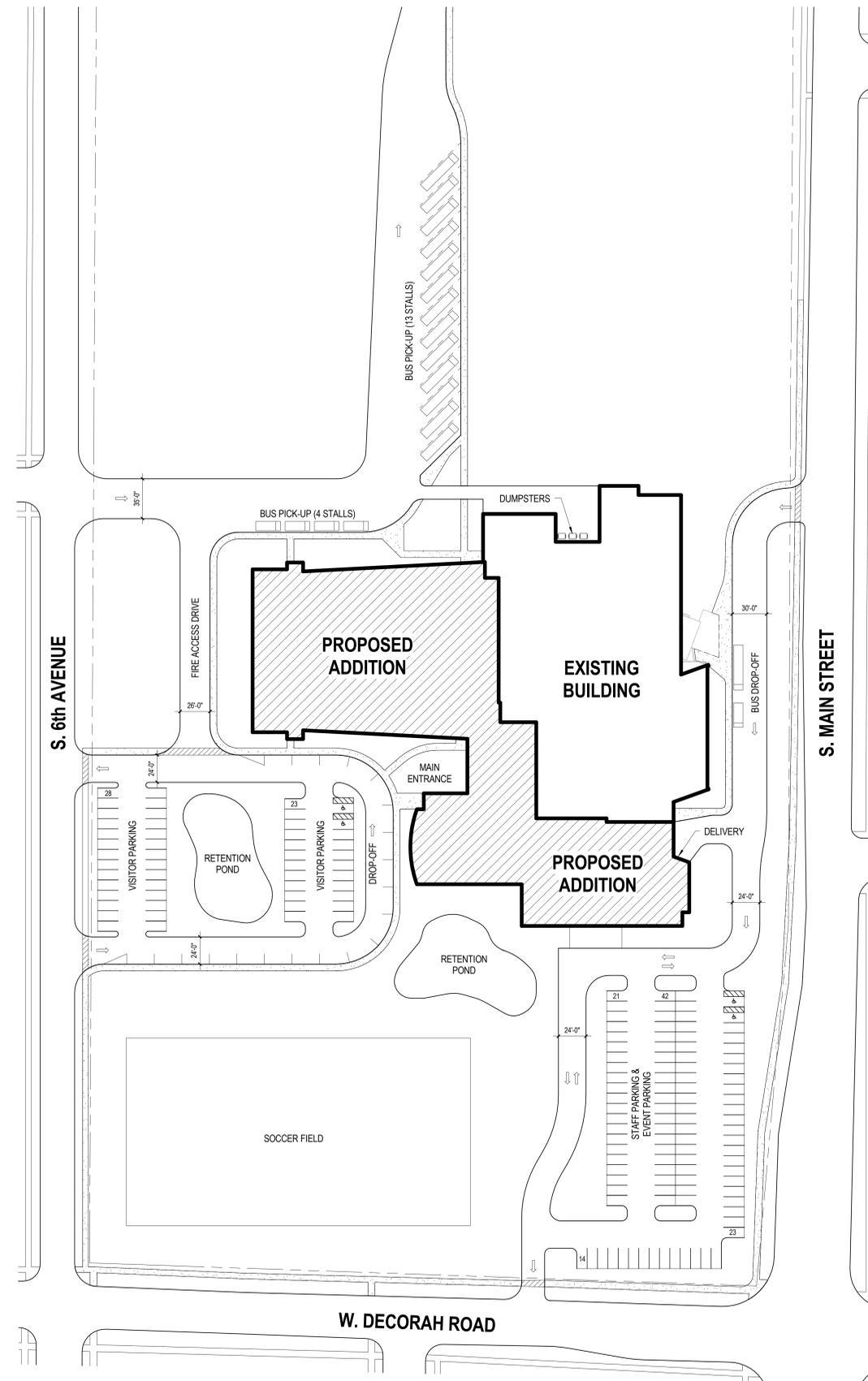
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**PROPOSED SITE
PLAN**

AS100

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A6 PROPOSED SITE PLAN
1" = 50'-0"





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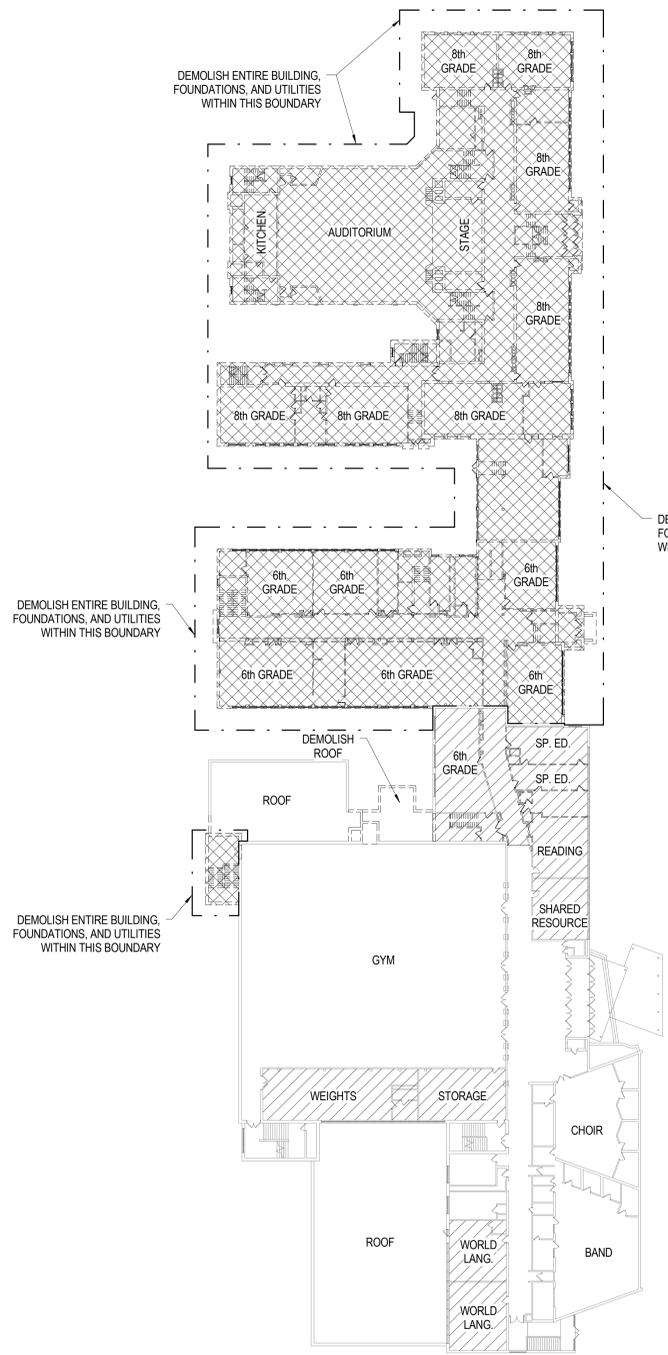
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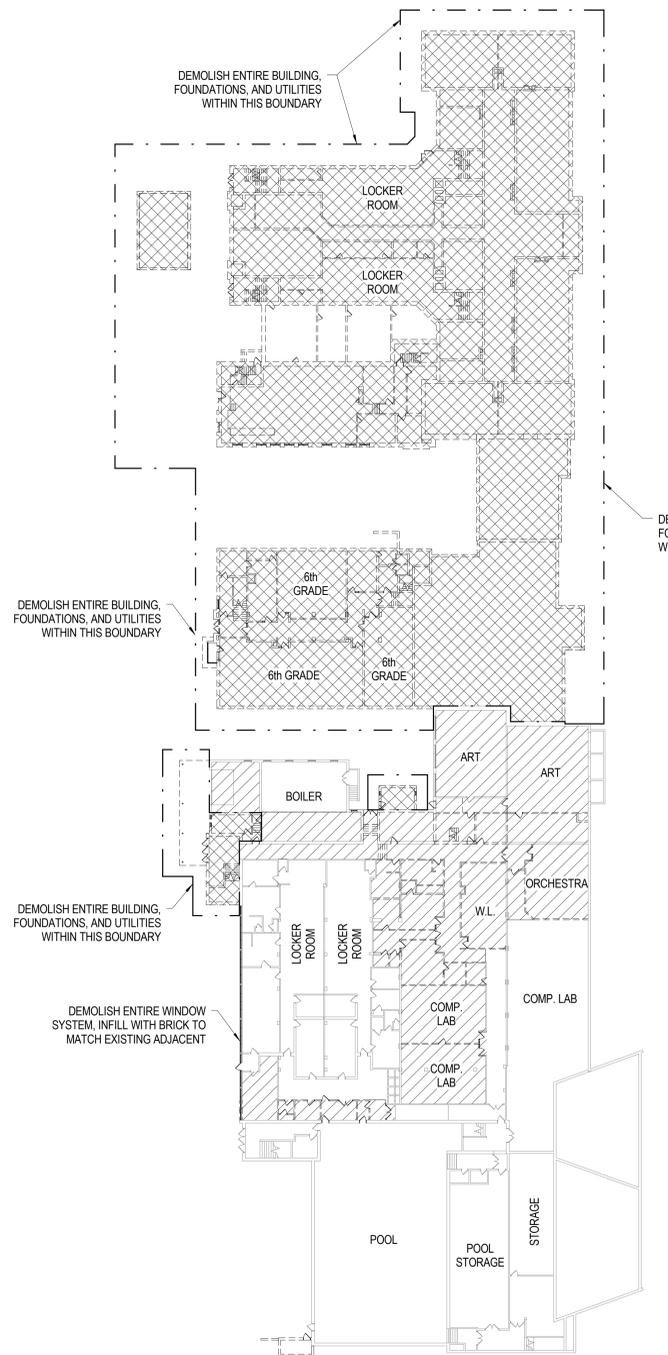
GROUND FLOOR & 1st FLOOR DEMOLITION PLANS

AD100

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A2 FIRST FLOOR DEMOLITION PLAN
 1/32" = 1'-0"



A5 GROUND FLOOR DEMOLITION PLAN
 1/32" = 1'-0"

DEMOLITION DRAWING KEY

	HATCHED AREA INDICATES COMPLETE BUILDING DEMOLITION
	DASHED LINES INDICATE SELECTIVE DEMOLITION.
	REMOVE ALL BUILDING COMPONENTS LEAVING ONLY PERIMETER WALLS, SUPPORTING STRUCTURE, EXISTING ROOF AND ASSOCIATED STRUCTURE, AND CONCRETE FLOOR.

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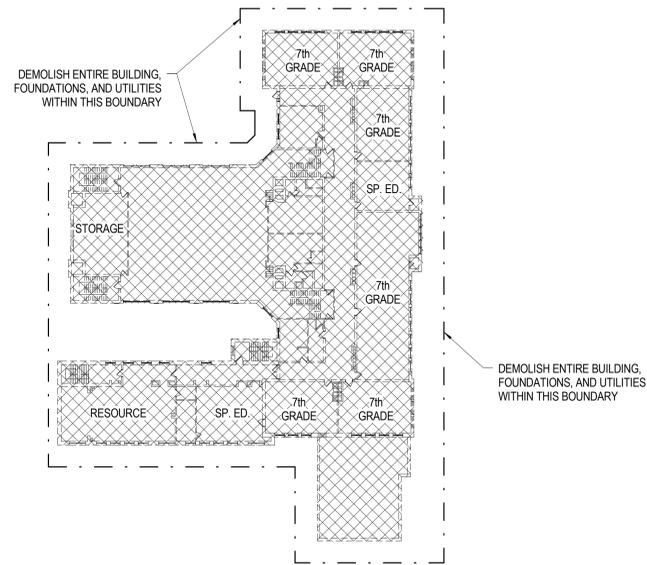
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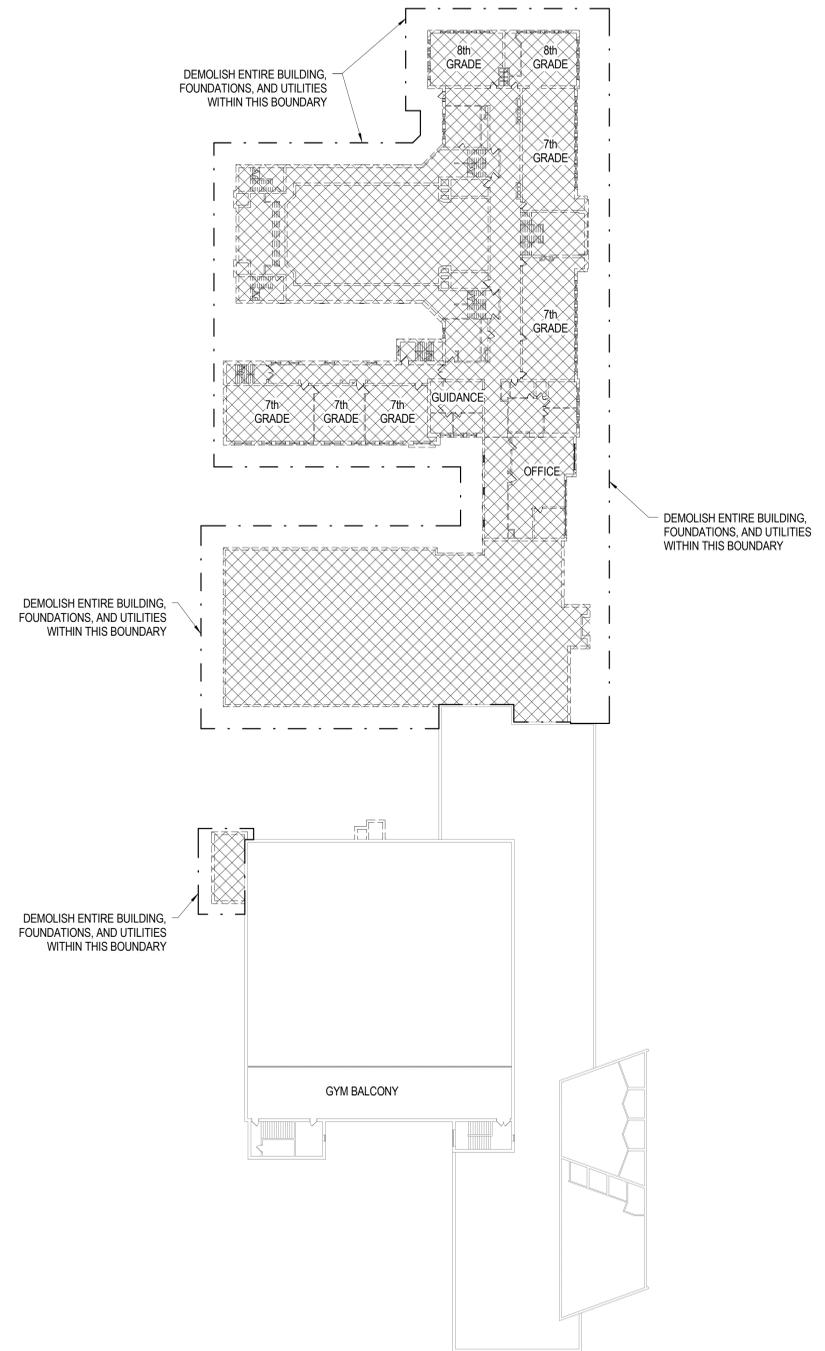
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SECOND & THIRD FLOOR DEMOLITION PLANS

AD101



A2 THIRD FLOOR DEMOLITION PLAN
 1/32" = 1'-0"



A5 SECOND FLOOR DEMOLITION PLAN
 1/32" = 1'-0"

DEMOLITION DRAWING KEY	
	HATCHED AREA INDICATES COMPLETE BUILDING DEMOLITION
	DASHED LINES INDICATE SELECTIVE DEMOLITION.
	REMOVE ALL BUILDING COMPONENTS LEAVING ONLY PERIMETER WALLS, SUPPORTING STRUCTURE, EXISTING ROOF AND ASSOCIATED STRUCTURE, AND CONCRETE FLOOR.



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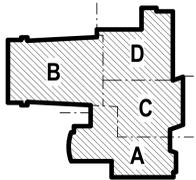
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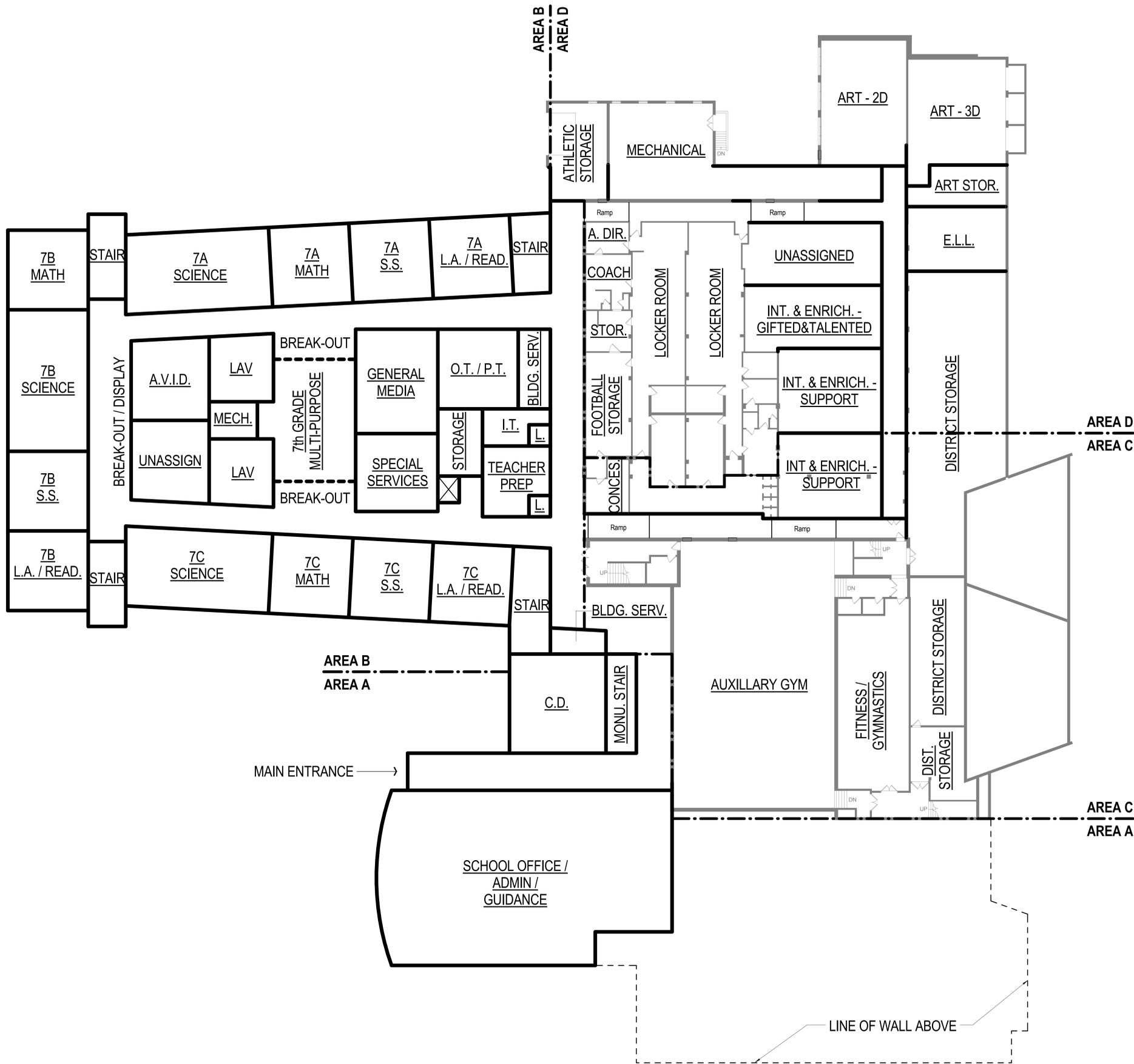
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OVERALL GROUND FLOOR PLAN

A100

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AREA SCHEDULE	
Existing Building	46,976 SF
New Construction	132,665 SF
Renovation of Existing Building	30,075 SF
Grand total	209,715 SF

A6 GROND FLOOR PLAN
 1/16" = 1'-0"



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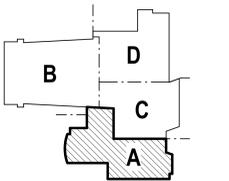
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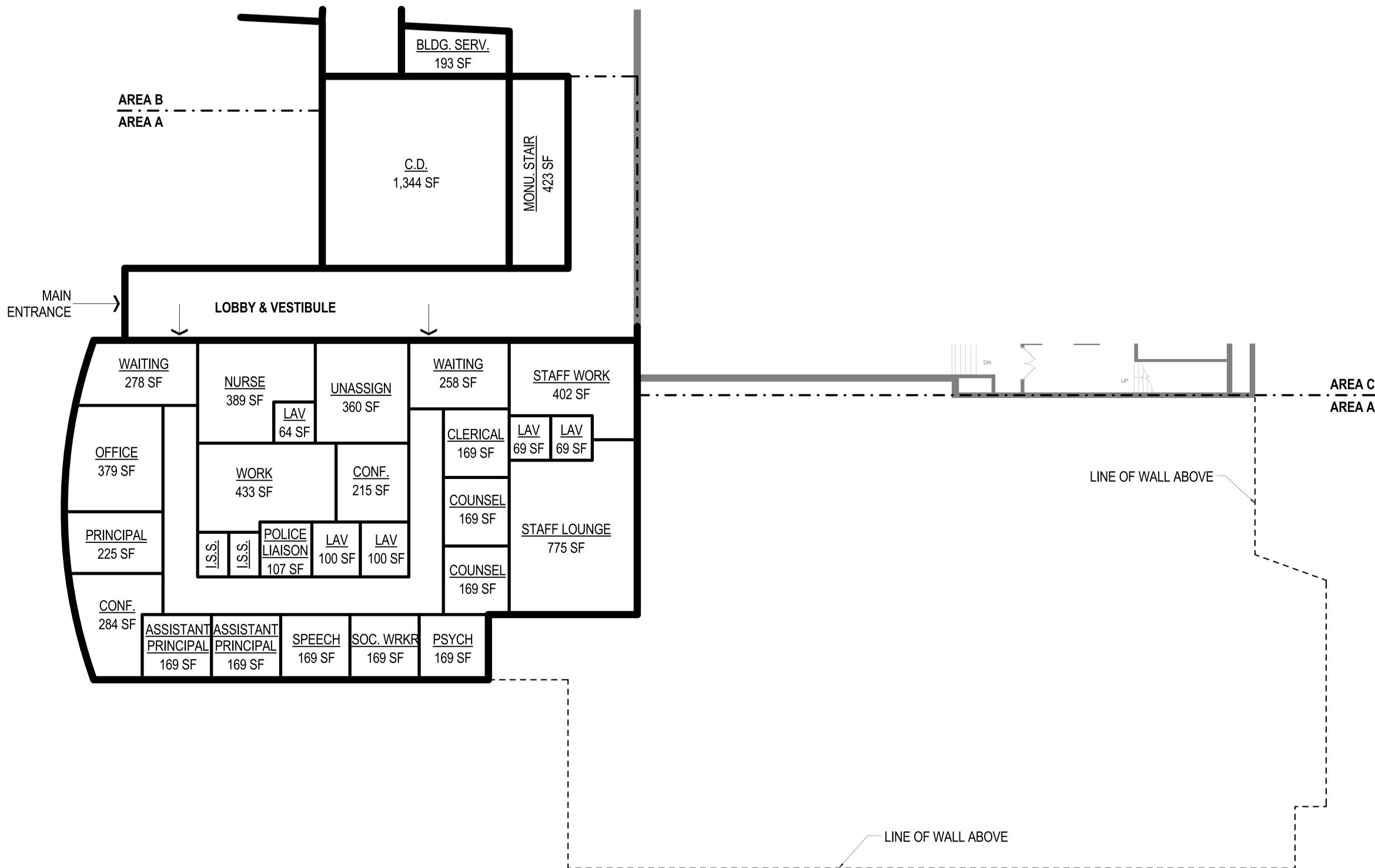
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GROUND FLOOR PLAN - AREA A

A100A

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A6 GROUND FLOOR - AREA A
 1/8" = 1'-0"



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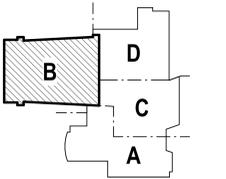
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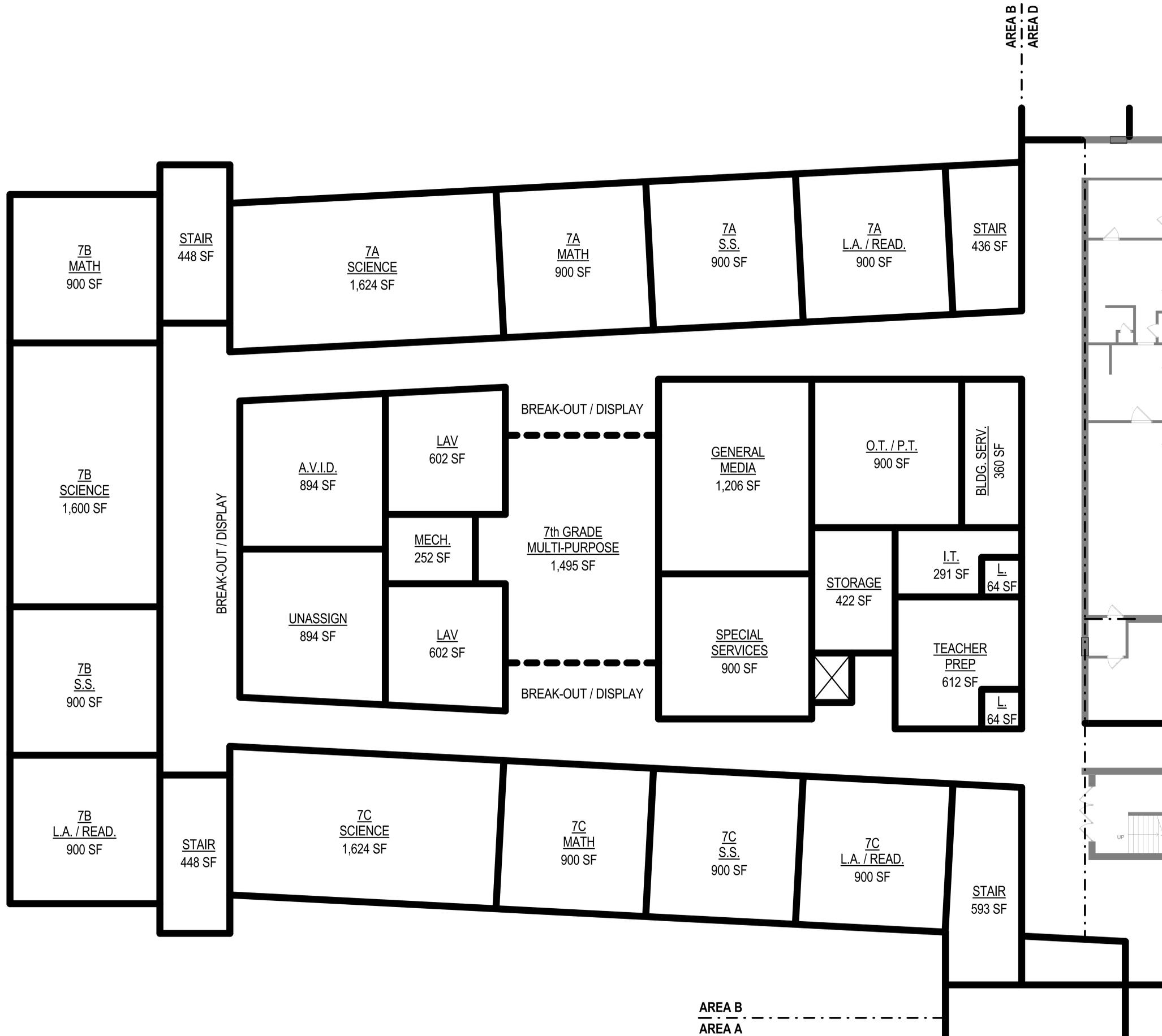
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GROUND FLOOR PLAN - AREA B

A100B



AREA B
 AREA A

A6 GROUND FLOOR - AREA B
 1/8" = 1'-0"



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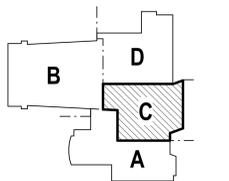
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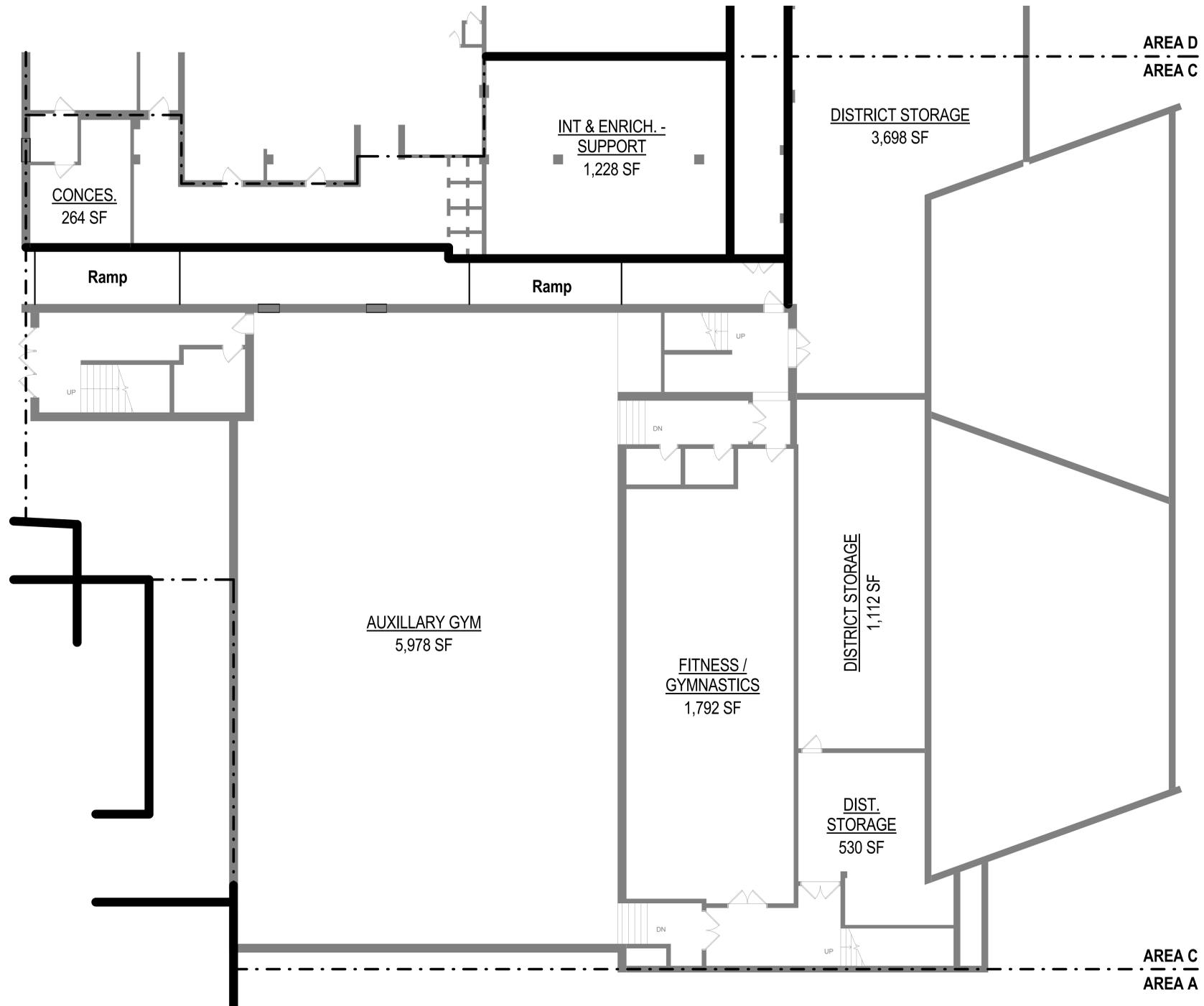
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GROUND FLOOR PLAN - AREA C

A100C

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A6 GROUND FLOOR - AREA C
 1/8" = 1'-0"





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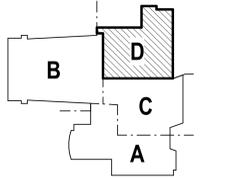
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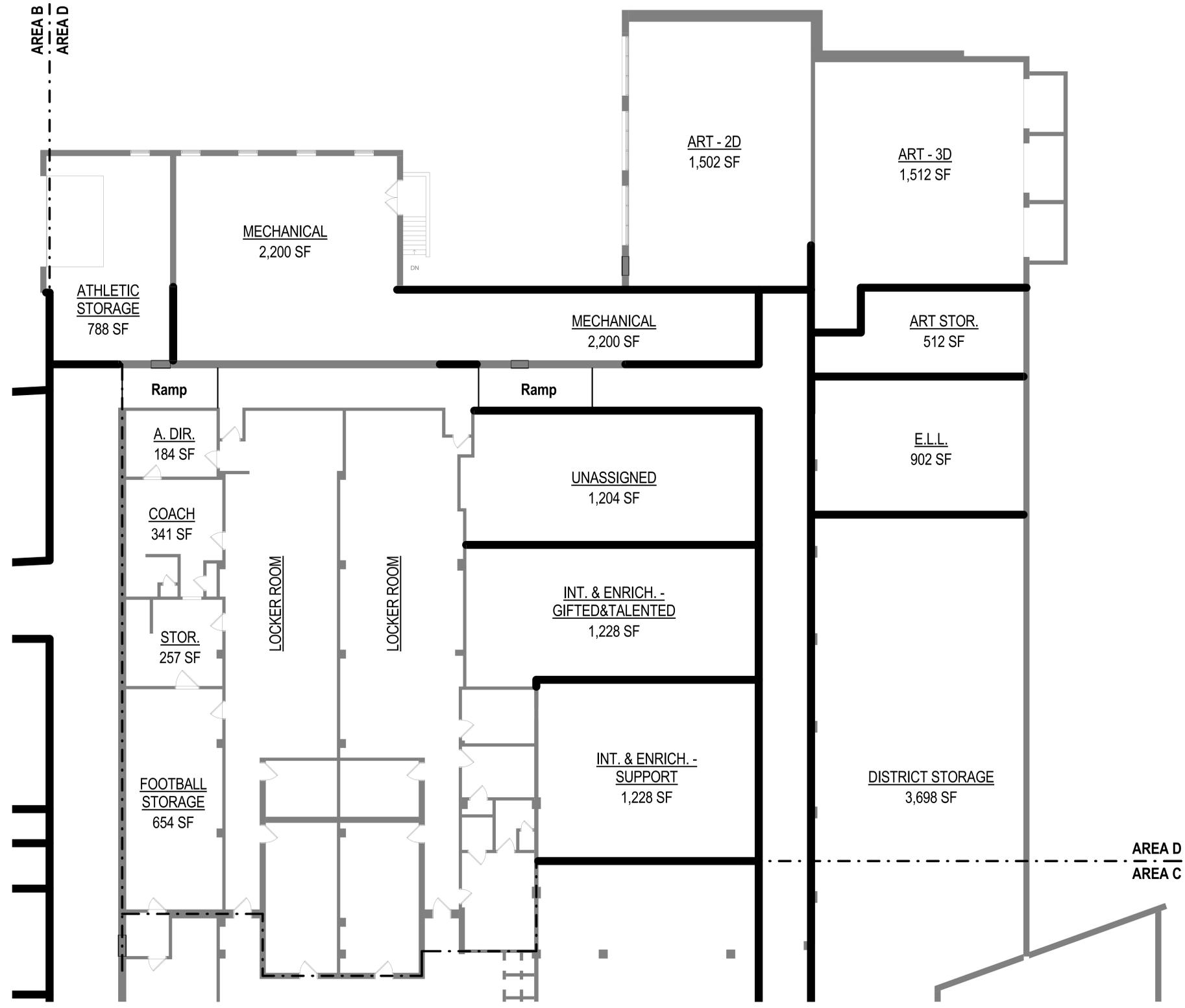
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GROUND FLOOR PLAN - AREA D

A100D



A6 GROUND FLOOR - AREA D
 1/8" = 1'-0"





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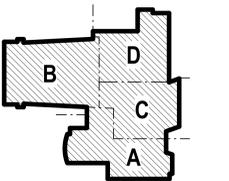
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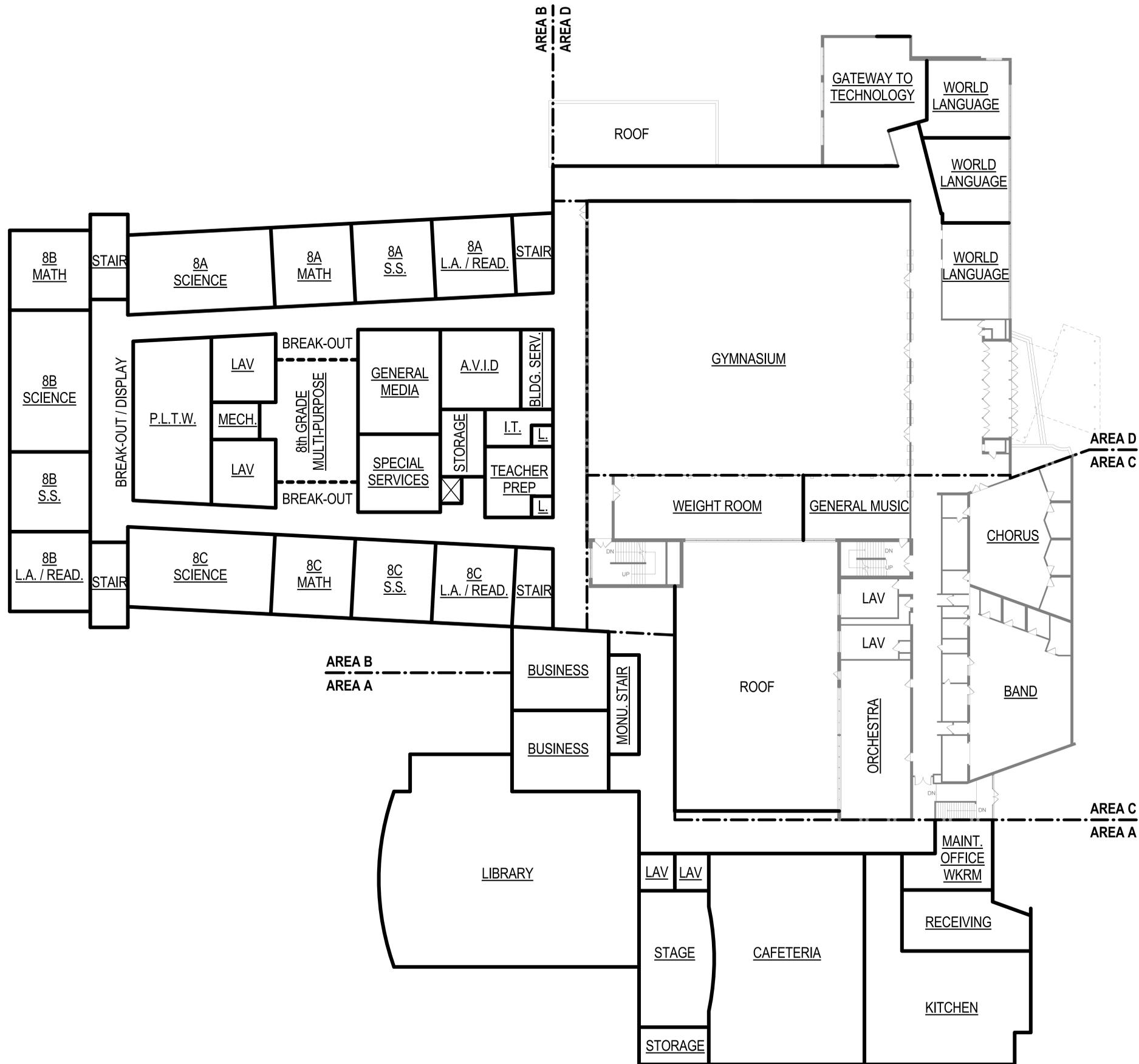
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OVERALL FIRST FLOOR PLAN

A101

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A6 FIRST FLOOR PLAN
 1/16" = 1'-0"



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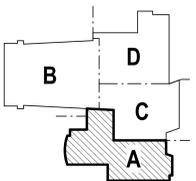
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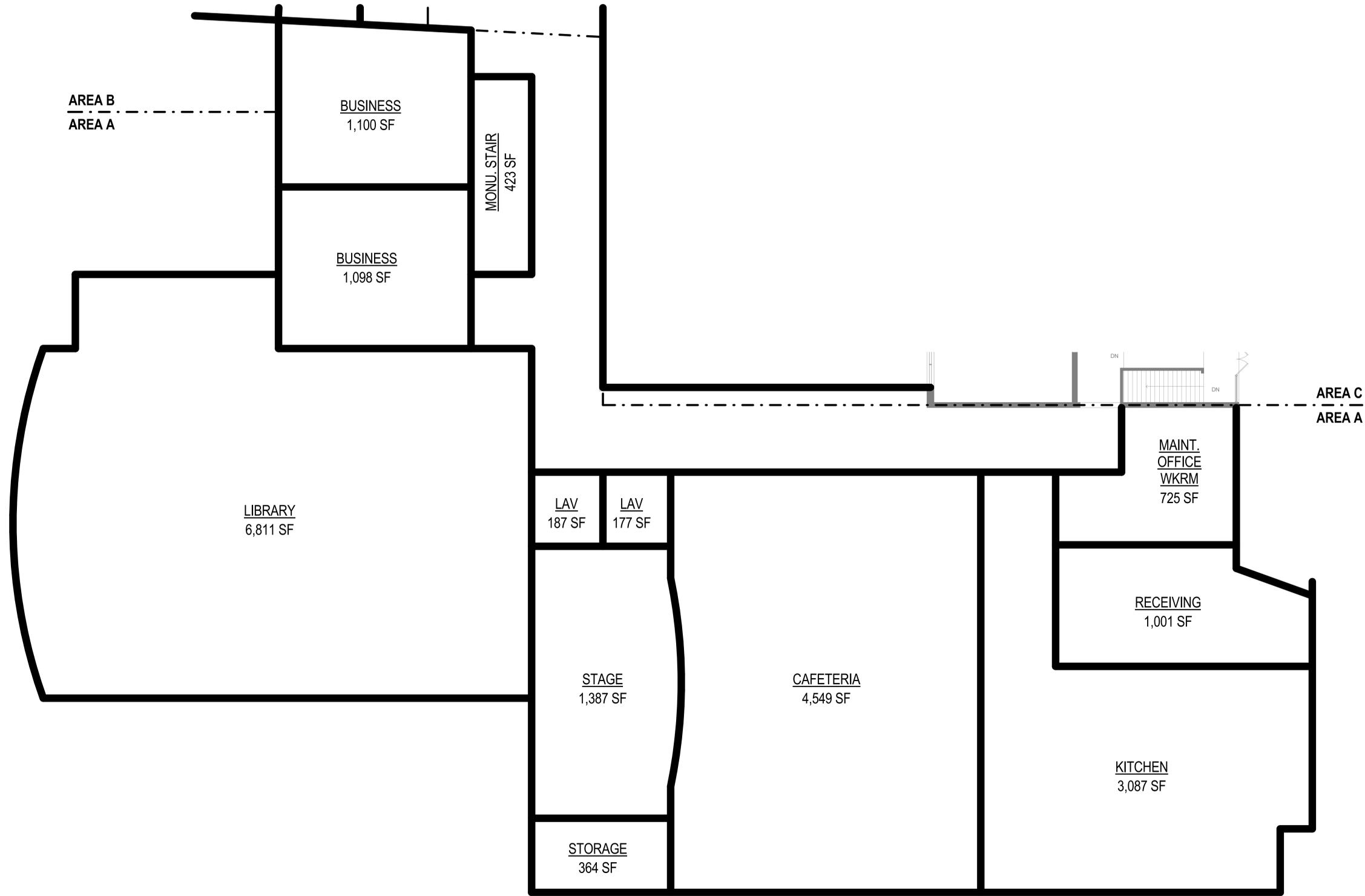
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**FIRST FLOOR PLAN -
 AREA A**

A101A

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A6 FIRST FLOOR - AREA A
 1/8" = 1'-0"



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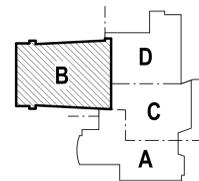
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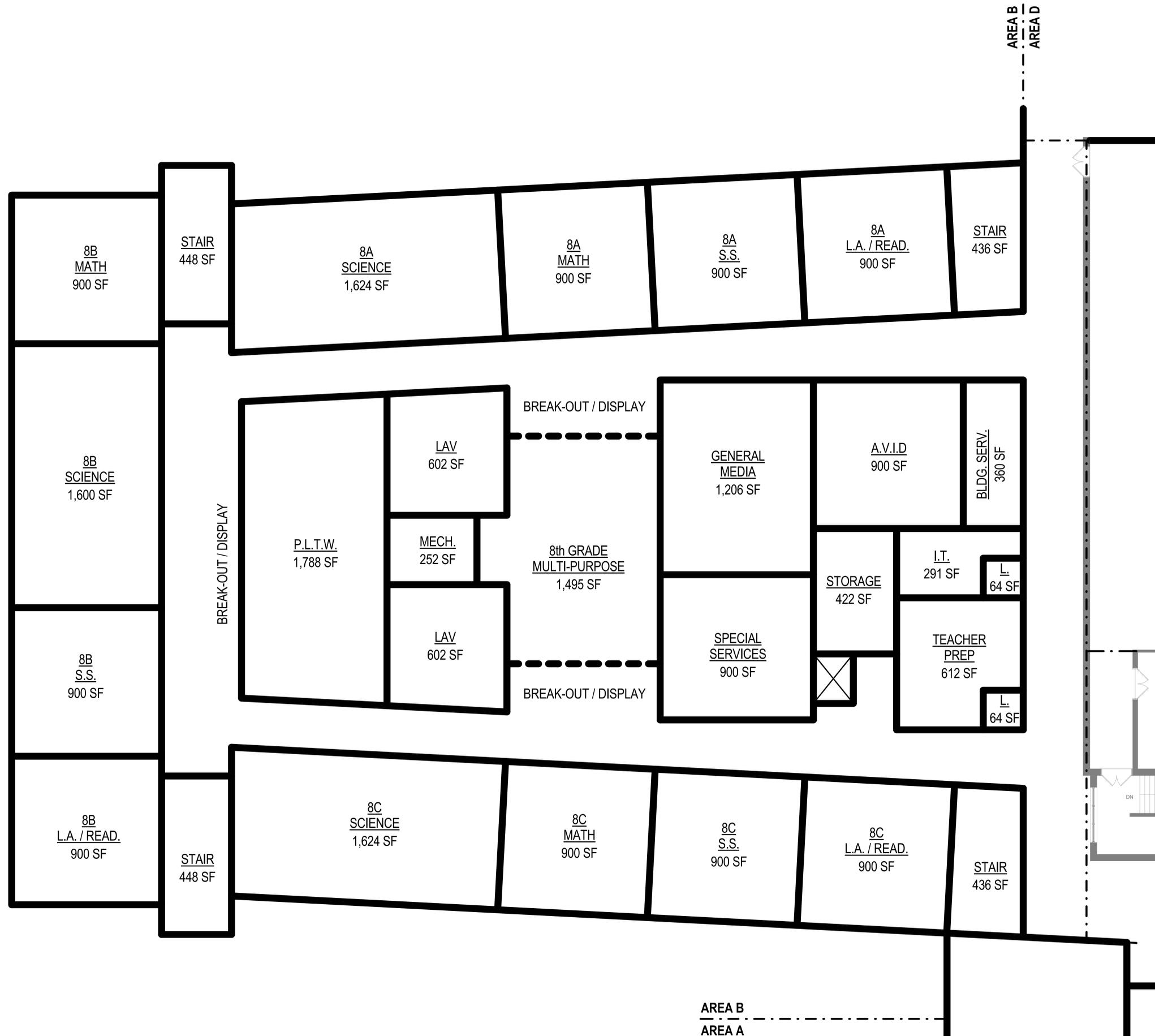
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FIRST FLOOR PLAN - AREA B

A101B

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AREA B
 AREA A

A6 FIRST FLOOR - AREA B
 1/8" = 1'-0"



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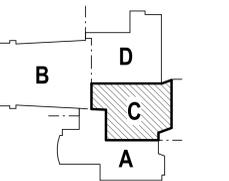
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KEY PLAN - AREA C
 1" = 160'-0"

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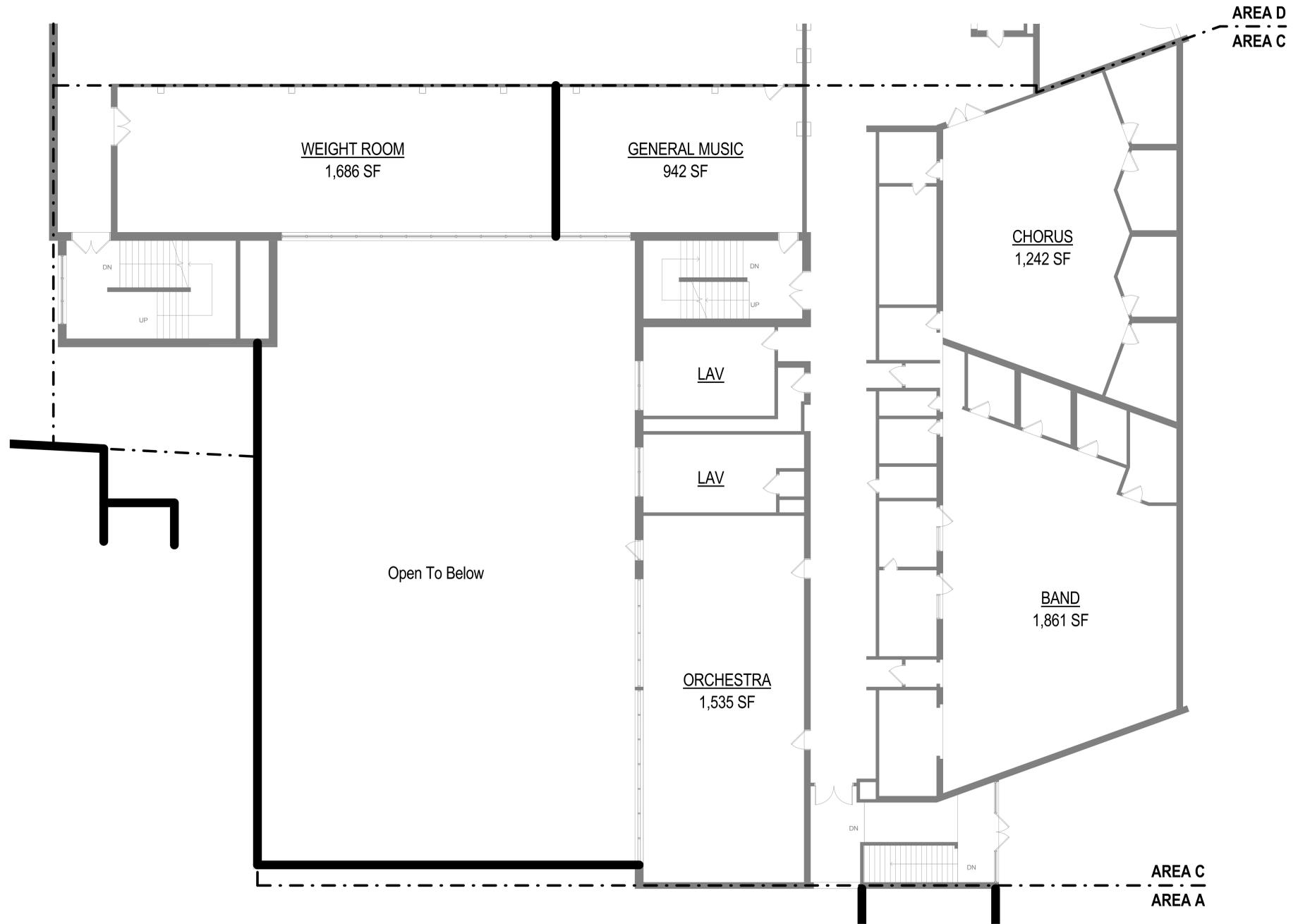
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FIRST FLOOR PLAN - AREA C

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A6 FIRST FLOOR - AREA C
 1/8" = 1'-0"





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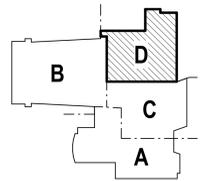
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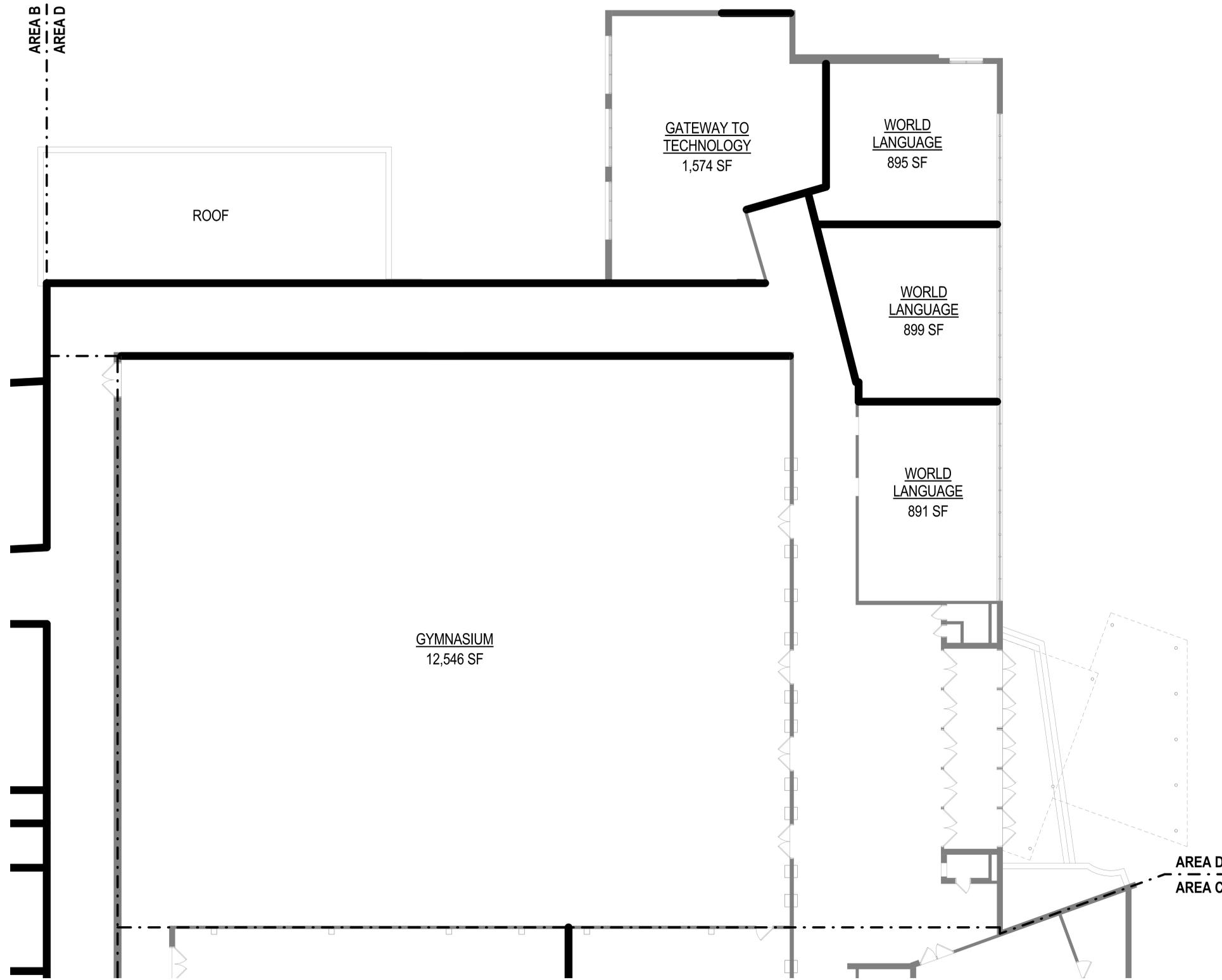
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FIRST FLOOR PLAN - AREA D

A101D

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A6 FIRST FLOOR - AREA D
 1/8" = 1'-0"





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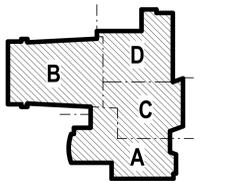
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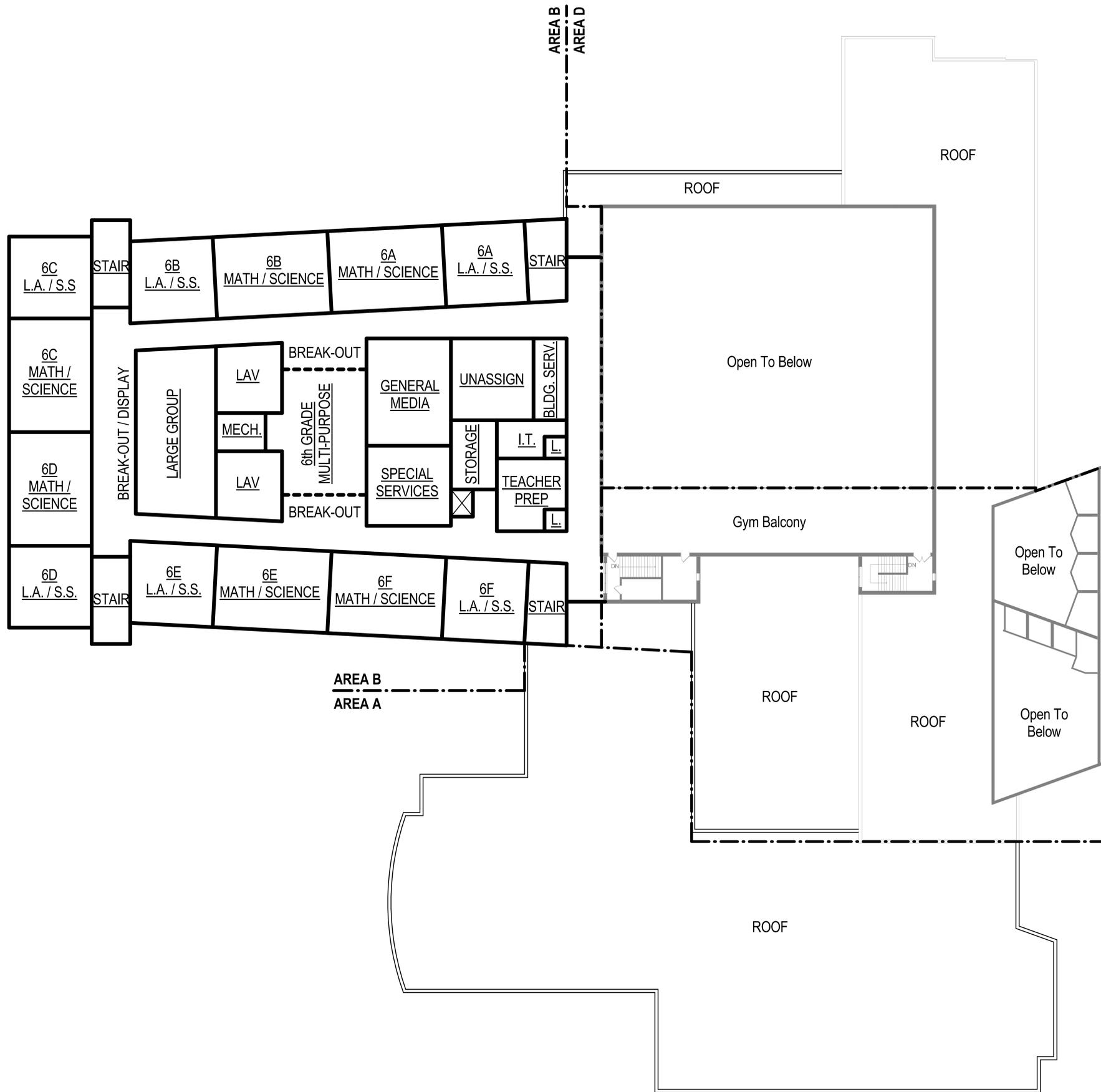
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OVERALL SECOND FLOOR PLAN

A102

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A6 SECOND FLOOR PLAN
 1/16" = 1'-0"



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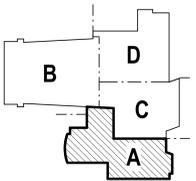
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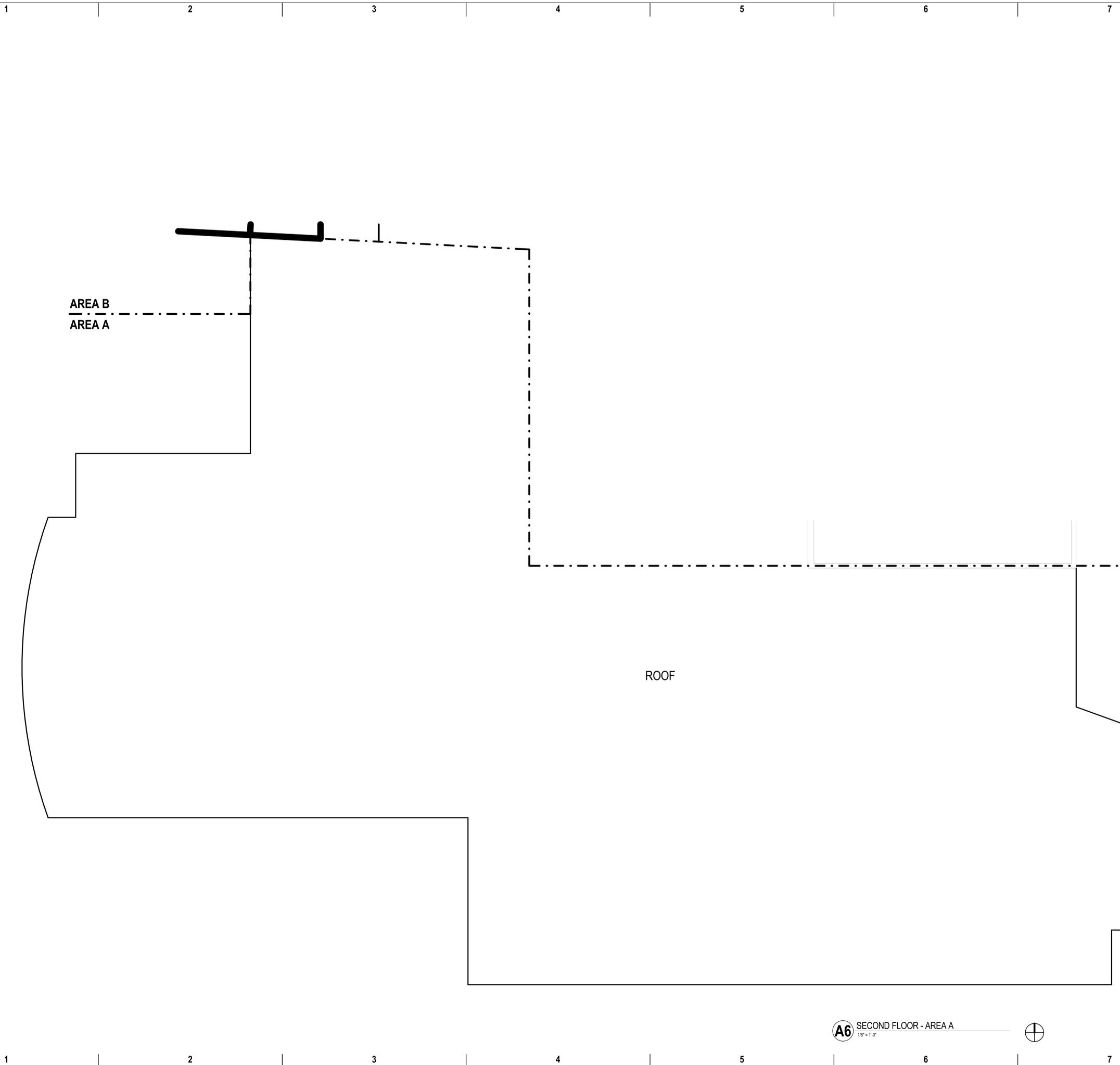
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**SECOND FLOOR
 PLAN - AREA A**

A102A

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A6 SECOND FLOOR - AREA A
 1/8" = 1'-0"





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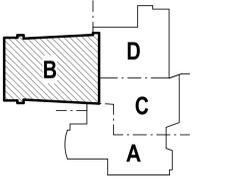
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SECOND FLOOR PLAN - AREA B

A102B

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AREA B
 AREA A

A6 SECOND FLOOR - AREA B
 1/8" = 1'-0"





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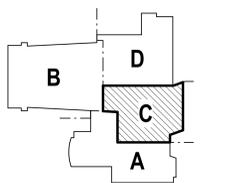
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SECOND FLOOR PLAN - AREA C

A102C

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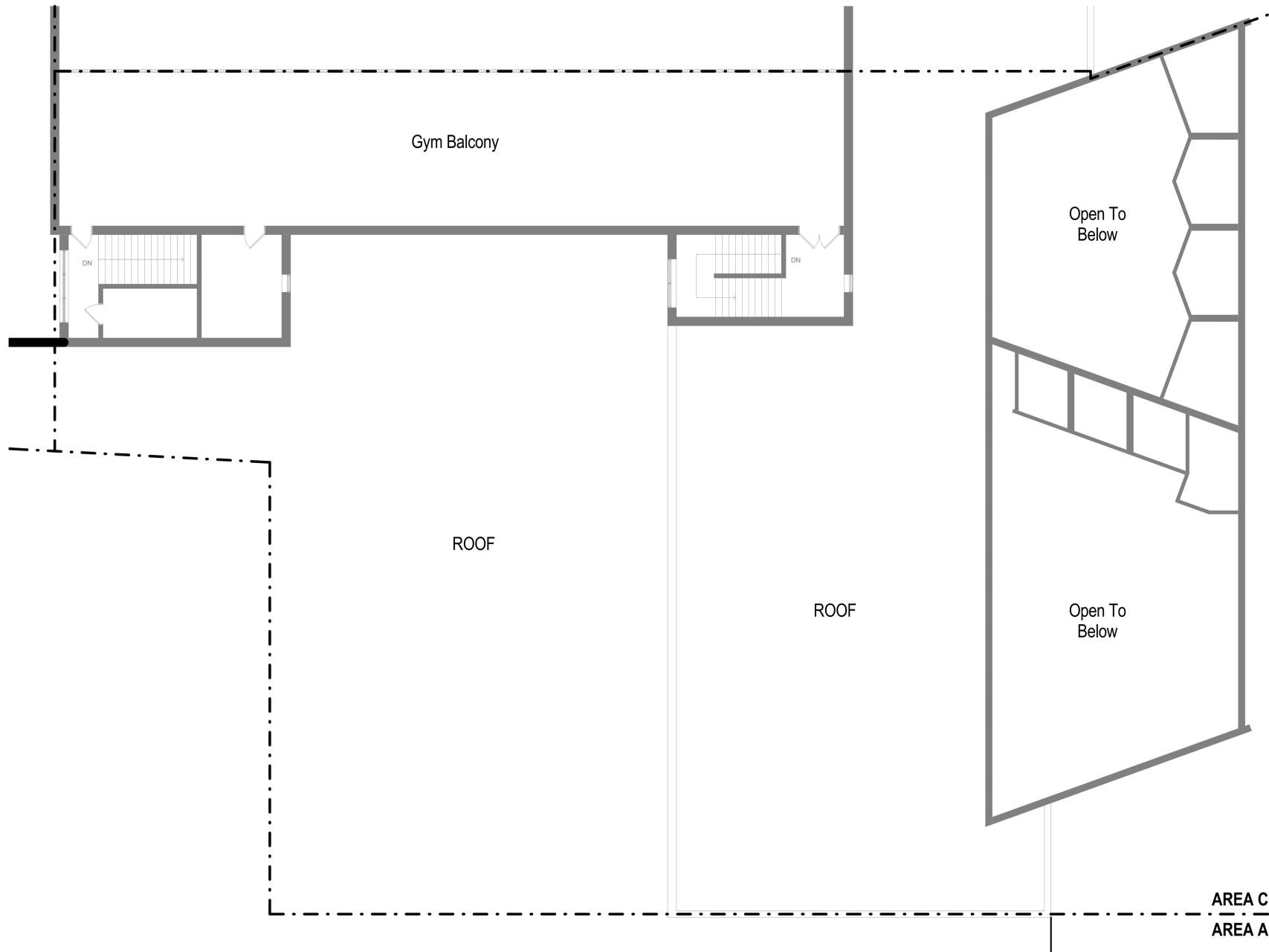
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AREA D
 AREA C

AREA C
 AREA A

A6 SECOND FLOOR - AREA C
 1/8" = 1'-0"



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PROJECT INFORMATION

BADGER MIDDLE SCHOOL ADDITION AND RENOVATION

710 S. MAIN STREET
 WEST BEND, WI
 53095

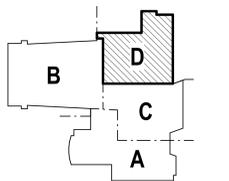
ISSUANCE AND REVISIONS

CONCEPTUAL DESIGN

REVISIONS

#	DATE	DESCRIPTION

KEY PLAN



SHEET INFORMATION

PROGRESS DOCUMENTS

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

PROJECT MANAGER RAV

PROJECT NUMBER 305451-07

DATE APRIL 3, 2009

SECOND FLOOR PLAN - AREA D

A102D

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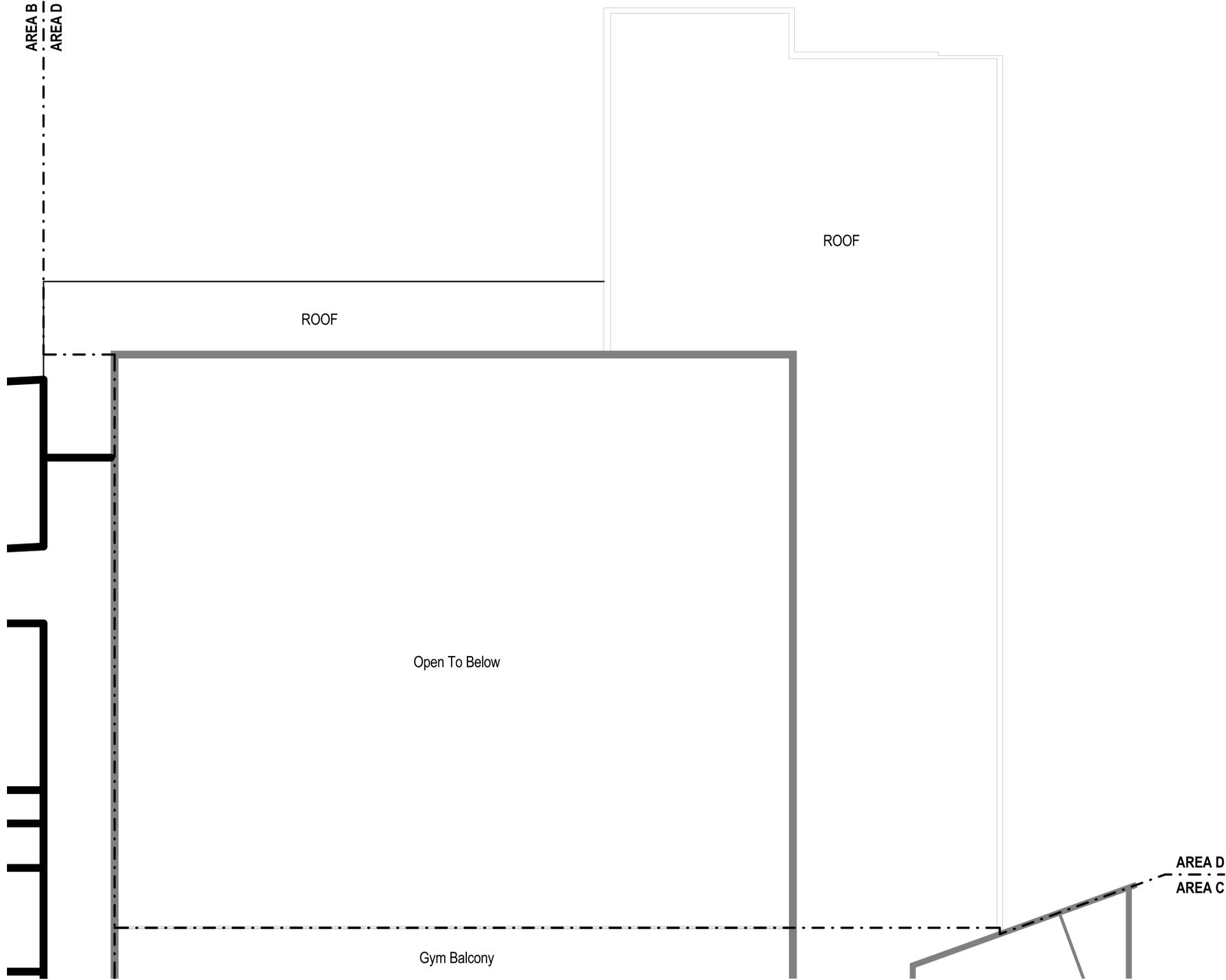
D

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AREA B
 AREA D



AREA D
 AREA C

A6 SECOND FLOOR - AREA D
 1/8" = 1'-0"



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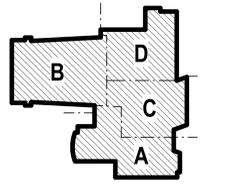
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PROJECT MANAGER RAV

PROJECT NUMBER 305451-07

DATE APRIL 3, 2009

OVERALL ROOF PLAN

A109

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AREA B
AREA D

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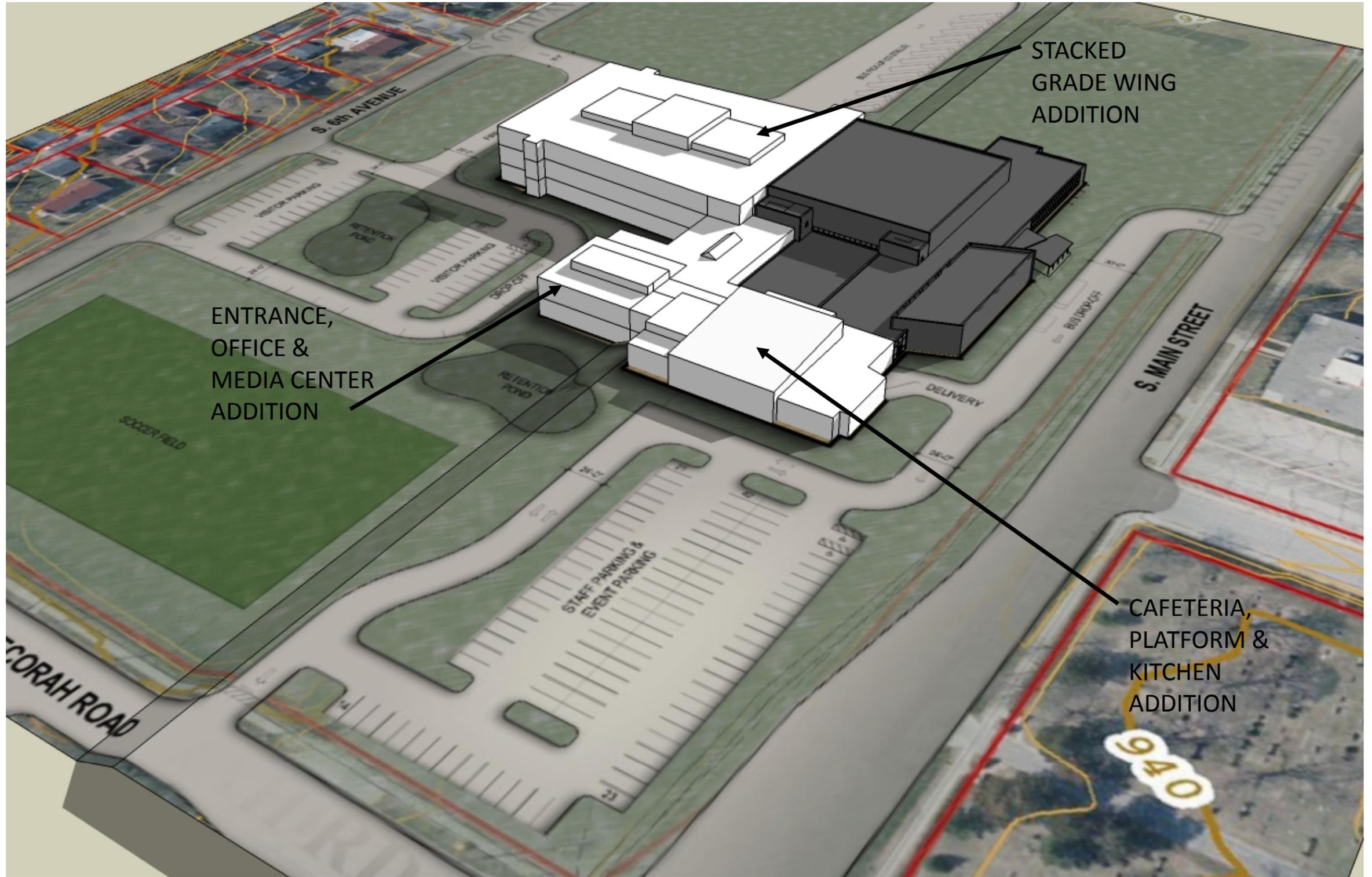
ROOF

AREA C
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A6 ROOF
1/8" = 1'-0"





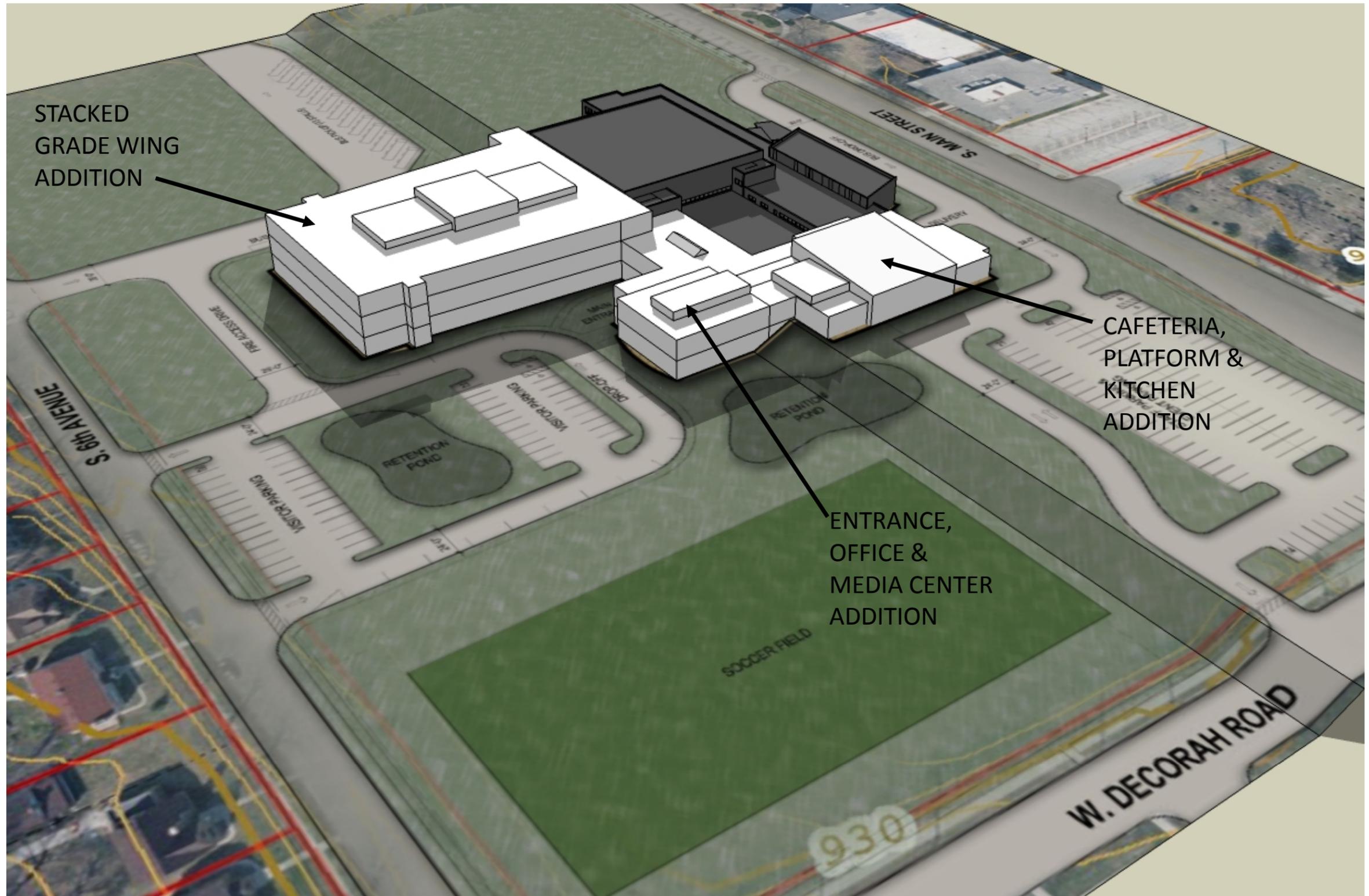
Badger Middle School

Schematic Design Images

04.02.2009



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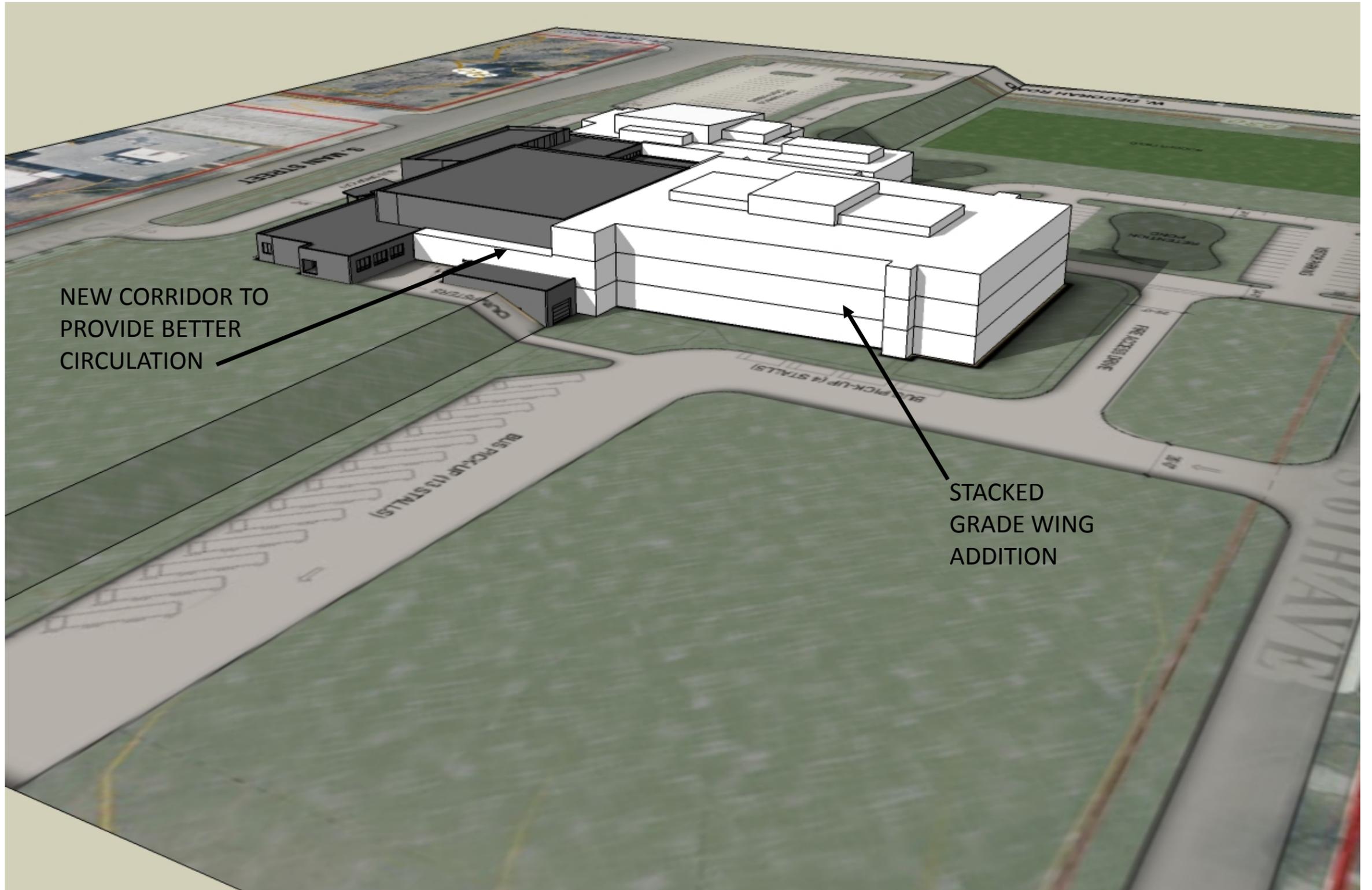
Badger Middle School

Schematic Design Images

04.02.2009



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NEW CORRIDOR TO
PROVIDE BETTER
CIRCULATION

STACKED
GRADE WING
ADDITION

Badger Middle School

Schematic Design Images

04.02.2009



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WEST BEND JOINT SCHOOL DISTRICT #1

Badger Middle School Conceptual Space Program

FINAL - March 25, 2009

Conceptual Program is based on providing building alterations and additions to the existing Badger Middle School facility.

		Occupants per room	# rooms	SF/room	Total SF		Additional Information	Badger Middle School Existing Sq.Ft.
Instructional Classrooms								
6th Grade Wing								
	Social Studies/Lang. Arts	28	6	900	5,400			Room 124: 960 sf
	Math/Science	28	6	1,260	7,560		Includes science storage / 7-8 sinks & demo	Room 127 & 129: 1,800 sf
	Special Services	15	1	1,200	1,200		<i>*changed to (1) larger sized classroom, 02-27-09</i>	Room 125 & 220: 1,860 sf
	Multi-Purpose Room	100	1	1,500	1,500		Sized for house assembly	Room 221: 859 sf
	Teacher Prep	15	1	680	680		15 teacher stations	Room 224: 1,056 sf
	General Media Room	30	1	1,200	1,200			Room 225: 1,265 sf
	General Storage		1	400	400		Entire grade	Room 226: 851 sf
	Mechanical/ Electrical		1	200	200			Room 229: 1,230 sf
	Sub Total		18		18,140			Room 231: 985 sf
7th Grade Wing								
	Math	28	3	900	2,700			Room 301: 742 sf
	Social Studies	28	3	900	2,700			Room 302: 733 sf
	Language Arts/Reading	28	3	900	2,700			Room 304: 774 sf
	Science	28	3	1,600	4,800		Includes science storage / 7-8 sinks & demo	Room 305: 527 sf
	Special Services	15	1	1,200	1,200		<i>*changed to (1) larger sized classroom, 03-06-09</i>	Room 306: 508 sf
	AVID	28	1	900	900			Room 308: 1,092 sf
	Multi-Purpose Room	100	1	1,500	1,500		Sized for house assembly	Room 310: 791 sf
	Teacher Prep	15	1	680	680		15 teacher stations	Room 311: 739 sf
	General Media	30	1	1,200	1,200			Room 312: 731 sf
	General Storage		1	400	400		Entire grade	Room 313: 815 sf
	Mechanical/ Electrical		1	200	200			Room 314 & 315: 1,468 sf
	Sub Total		19		18,980			
8th Grade Wing								
	Math	28	3	900	2,700			Room 101: 738 sf
	Social Studies	28	3	900	2,700			Room 102: 735 sf
	Language Arts/Reading	28	3	900	2,700			Room 104: 333 sf
	Science	28	3	1,600	4,800		Includes science storage / 7-8 sinks & demo	Room 113: 997 sf
	PLTW Project Room	28	1	1,600	1,600		<i>*changed to (1) room shared by all science, 03-04-09</i>	Room 201: 738 sf
	Special Services	15	1	900	900		<i>*changed to (1) larger sized classroom, 02-27-09</i>	Room 202: 951 sf
	AVID	28	1	900	900			
	Multi-Purpose Room	100	1	1,500	1,500		Sized for house assembly	Room 204: 903 sf
	Teacher Prep	15	1	680	680		15 teacher stations	Room 210: 640 sf
	General Media	30	1	1,200	1,200		28 computers	Room 213: 695 sf
	General Storage		1	400	400		Entire grade	Room 214: 600 sf
	Mechanical/ Electrical		1	200	200			Room 215: 1,018 sf
	Sub Total		20		20,280			
Instructional Classroom Total					57,400			

		Occupants per room	# rooms	SF/room	Total SF		Additional Information	Badger Middle School Existing Sq.Ft.
Special Areas								
Art								
	Dry Classroom - 2D	28	1	1,400	1,400		Digital arts / Video production	Room 130: 1,303 sf
	Wet Classroom - 3D	28	1	1,400	1,400		Ceramics / Painting	Room 131: 1,496 sf
	Storage		2	450	900		*confirm required size of space.	Room 139: 932 sf
	Kiln		1	250	250			
	Sub Total		5		3,950			
Music								
	Band	55	1	2,000	2,000		Hard surface floor / 35 SF per student	Room 242: 1,845 sf
	Chorus	50	1	1,200	1,200		Carpet on floor / 24 SF per student	Room 240: 1,243 sf
	Orchestra	40	1	1,200	1,200		Hard surface floor / 30 SF per student	Room 132: 955 sf
	Practice	2	6	64	384		Between band & chorus	
	General Music	28	1	900	900		*space added 03-20-09 . hard surface floor	
	Office	3	1	360	360		Between band & chorus	
	Storage		1	700	700		*confirm required size of space.	
	Sub Total		12		6,744			
Interventions and Enrichment								
	General Classroom	28	3	900	2,700			
	ELL Classroom	28	1	900	900		*space added 03-04-09	Room 223: 422 sf
	Sub Total		4		3,600			
World Language								
	Classroom	28	3	900	2,700			Rooms 136, 241, 243 755, 678, & 812 sf
Gateway to Technology								
	Classroom	28	1	1,200	1,200			
	Storage		1	450	450		make adjacent to classroom	
	Sub Total		2		1,650			
Special Ed								
	CD	15	1	1,000	1,000		Attached restroom w/ lift & changing table	
Business								
	Computer Classroom	28	2	1,000	2,000		Located adjacent library	
Special Areas Total					21,644			
Physical Education								
Physical Education								
	Gym		1	12,000	12,000		2 teaching stations, 900 bleacher seats	Gym: 8,038 sf
	Aux. Gym		1	5,000	5,000		Fitness equipment, additional teaching station	Room 235: 1,411 sf
	Boy's Lockers		1	1,600	1,600			1,114 sf
	Girl's Lockers		1	1,600	1,600			1,270 sf
	Team Lockers		1	600	600		*changed to one locker room 03-04-09	
	Office		2	150	300		Office/ toilet and shower	
	Rec. Dept. Storage		1	600	600			
	Athletic Storage		1	500	500			
	Storage		2	700	1,400			
	Pool		1				Existing - TBD	Pool: 5,955 sf
Physical Education Total					23,600			

		Occupants per room	# rooms	SF/room	Total SF		Additional Information	Badger Middle School Existing Sq.Ft.
Support Spaces								
Library								
	Reading/Stacks	99	1	5,000	5,000			Room 205: 3,945 sf
	Conference	8	1	200	200			
	Office/Workroom	2	1	500	500			
	AV Storage		1	400	400			
	Networking		1	200	200			
	Sub Networking		1	75	75			
	Computer Stations	4	1	300	300			
	Laptop Areas	16	1	640	640			
	Toilet Rooms	1	2	90	180			
	Distance Learning Lab	12	1	900	900			
	Subtotal		11		8,395			
Cafeteria								
	Lunch Room	300	1	4,500	4,500		3 lunch periods/ 3 serving lines	Room 105: 3,905 sf
	Stage		1	2,500	2,500			
	Storage		1	600	600			
	Kitchen		1	5,200	5,200		Warming kitchen???? Either Silverbrook or Badger	
	Kitchen Storage		1	300	300			
	Sub Total		5		13,100			
School Office								
	Waiting	8	1	120	120			Room 212: 1,527 sf
	General Office	4	1	400	400			
	Workroom		1	400	400			
	Storage		1	200	200			
	Coffee		1	12	12			
	Principal	1	1	180	180			
	AP/Dean	1	2	150	300			
	I.S.S.	1	2	48	96		*space added 03-20-09, adjacent AP/Dean	
	Conference	8	1	200	200			
	Staff Toilets		2	64	128			
	Nurse		1	400	400		3 cots / view to main office, include a toilet room	
	Sub Total		14		2,436			
Guidance								
	Waiting	4	1	200	200			Room 211: 534 sf
	Clerical	1	1	150	150			
	Counselors	1	2	150	300			
	Psychologist	1	1	150	150			
	Speech	1	1	150	150			
	Social Worker	1	1	150	150			
	Conference	6	1	180	180			
	Police Liaison	1	1	150	150			
	Storage		1	200	200			
	ELL	4		200	-		*moved to the enrichment & intervention area 03-04-09	
	Sub Total		10		1,630			
Staff								
	Staff Lounge	25	1	800	800			Room 305: 514 sf
	Staff Toilets		2	64	128		2 toilet rooms adjacent staff lounge	
	Staff Workroom		1	400	400			
	Sub Total				1,328			
Miscellaneous								
	Toilet Rooms	6	8	500	4,000			
	Staff Toilet Rooms	1	6	64	384		2 toilet rooms in each house adjacent prep area	
	Maintenance Office	2	1	150	150			
	Maintenance Workroom		1	600	600			
	Storage		4	200	800			
	Receiving		1	400	400			
	Sub Total		21		6,334			

			Occupants per room	# rooms	SF/room	Total SF		Additional Information	Badger Middle School Existing Sq.Ft.
Support Spaces Total						33,223			
Total Net Area						135,867			
	Circulation Factor 30%					40,760			
	Mechanical Factor 15%					20,380			
Total Gross Area						197,007	SF		
				Sq. Ft. per student		219	SF		