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Midland Valley High School Additions

Design Development Presentation | March 12, 2019

AIKEN COUNTY
PUBLIC SCHOOLS

PROGRAM AND GOALS

PROJECT SITE GOALS

- Improve Site Circulation during arrival, dismissal, and sporting events with a paved loop around the campus.
- Clearly divide Bus, Car, and Student Circulation.
- Provide a longer Car Loop to meet SCDOT requirements.
- Provide a separate Bus Loop and Bus Parking Lot for the school district transportation office.
- Increase Parking for the campus.
- Remove Portable Classrooms.

PROJECT BUILDING GOALS

- Increase number of Classrooms to replace Portables and accommodate Future growth.
- Provide Practice and Competition space for Athletics.
- Create a central Arrival and Dismissal Area for increased safety and supervision.
- Increase Dining space for indoor/outdoor eating and a reduced number of lunch shifts.
- Create a Community Hub for safe gathering.
- Reflect and strengthen the Valley Pride.

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PROGRAM SUMMARY

CLASSROOM BUILDING ADDITION			37,230 SF
Classrooms	24 @	800	19,200
Resource Rooms	3	400	1,200
Administrative Offices	2	125	250
Administrative Workrooms	2	250	500
Vestibule Connection	1	425	425
+ Circulation, Lockers, Toilets, Mechanical, Electrical, IT			

ATHLETIC AND DINING ADDITION			27,605 SF
Dining	1 @	5,735	5,750
Auxiliary Gymnasium	1	7,875	7,875
Multi-Purpose Room	1	3,000	3,000
Athletic Storage/Laundry	2	450	850
Classrooms	2	800	1,600
+ Circulation, Toilets, Mechanical, Electrical, IT, AV			

TOTAL ADDITION **64,835 SF**

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SITE AND BUILDING DESIGN

EXISTING CAMPUS

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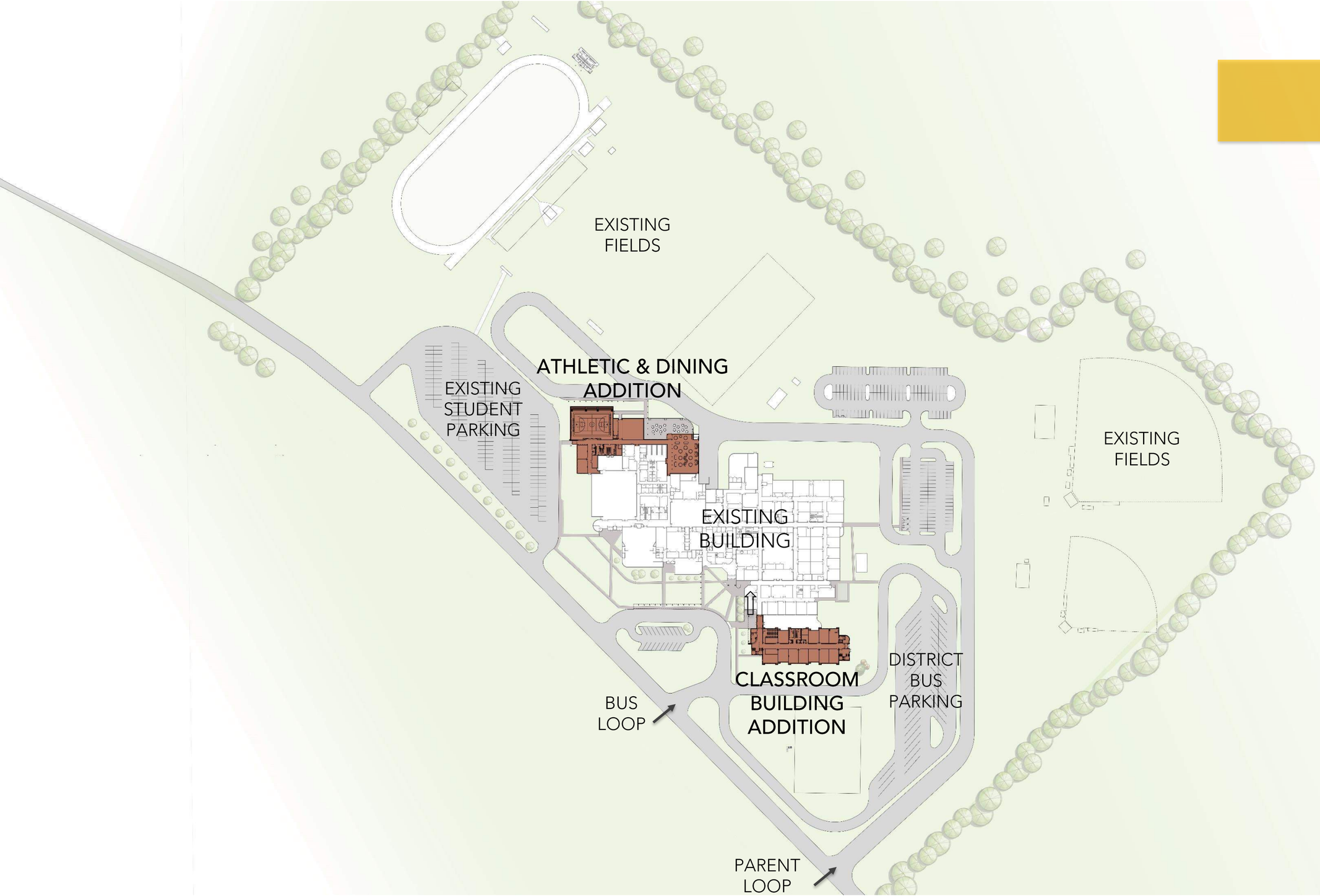
SITE PLAN



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CAMPUS AERIAL

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CLASSROOM ADDITION
FIRST FLOOR PLAN

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CLASSROOM ADDITION
SECOND FLOOR PLAN

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CLASSROOM ADDITION

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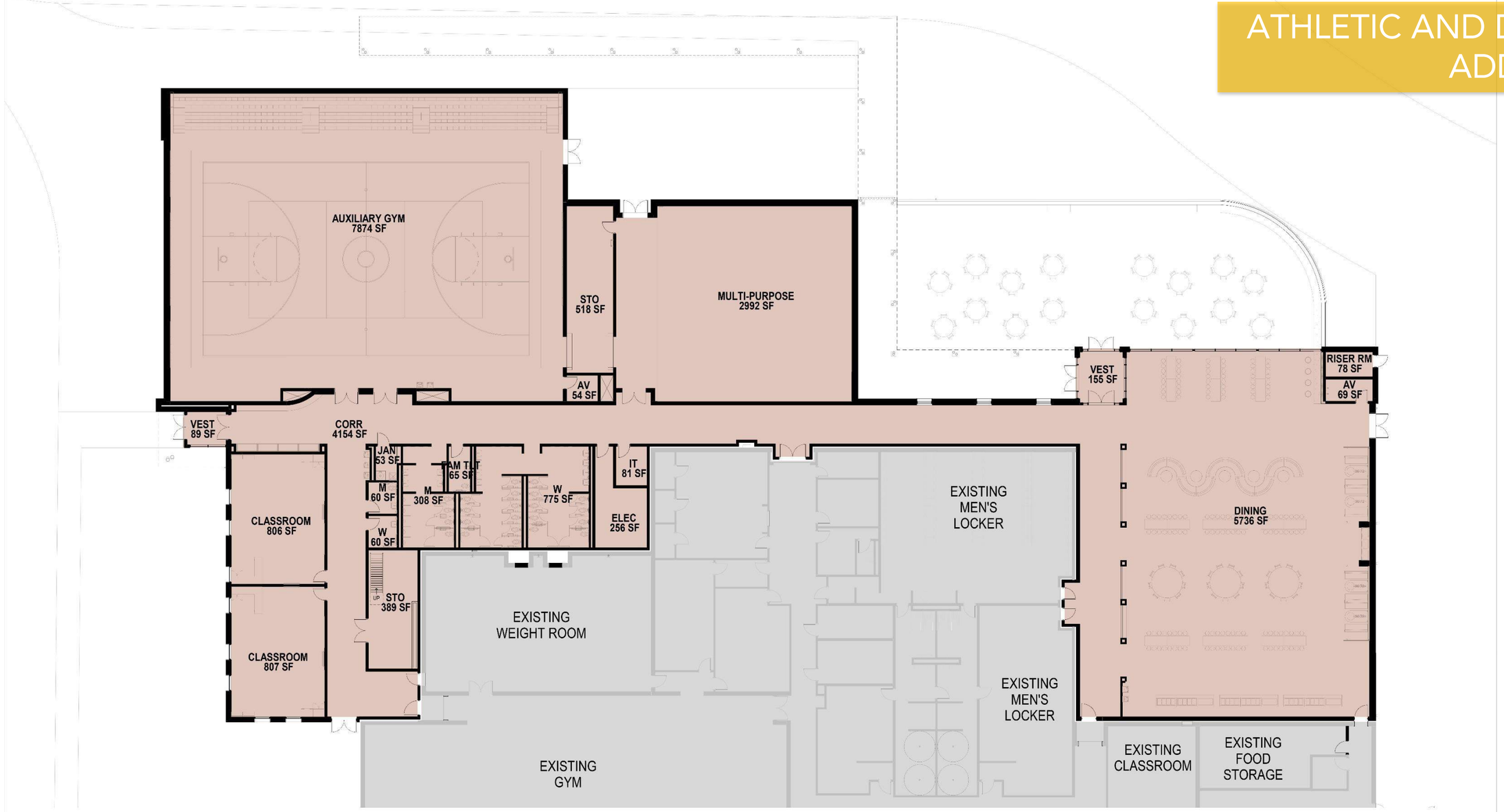
TYPICAL CLASSROOM

ATHLETIC AND DINING ADDITION



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DINING ADDITION
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AUXILIARY GYM

SCHEDULE MILESTONES

DATE	MILESTONE	RESPONSIBILITY
09-05-18	Conceptual Submittal to ACPS	MPS
10-22-18	Owner Conceptual Review Meeting #4 Consultant Kick-off Meeting	MPS-ACPS
11-19-18	Schematic Design Submittal (OSF, Cost Consultant, Owner)	MPS
12-05-18	Schematic Design Estimate to ACPS Owner Review Meeting	MPS-ACPS
01-15-18	Schematic Design Board Meeting	MPS-ACPS
02-15-19	Design Development Submittal (OSF, Contractor, Owner)	MPS
03-06-19	Design Development Estimate to ACPS Owner Review Meeting	MPS-ACPS-Contractor
03-12-19	Design Development Board Meeting	MPS-ACPS-Contractor
04-29-19	Early Site Package Submittal (OSF, Cost Consultant, Owner)	MPS
05-20-19	Early Site Package Estimate to ACPS Owner Review Meeting	MPS-ACPS-Contractor
05-28-19	Early Site Package Board Meeting	MPS-ACPS-Contractor
05-29-19	100% Construction Documents Submittal (OSF, Cost Consultant, Owner)	MPS
06-12-19	Construction Documents Estimate to ACPS Owner Review Meeting – Final Review	MPS-ACPS-Contractor
06-25-19	Construction Documents Board Meeting	MPS-ACPS-Contractor
07-23-19	100% Bid Documents to ACPS	MPS

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BUDGET

DESIGN DEVELOPMENT PRICING

CM at Risk Delivery Method: HG Reynolds Company

Construction Costs

Site Development	=	$ 2,510,611	
Renovations	=	$ 300,000	(3,000 @ $100/sf)
New Construction	=	$ 14,732,329	(68,656 @ $214/sf)
Probable Base Bid	=	**$ 17,542,940**	
Design Contingency	=	$ 653,790	(2.5% project cost)

Soft Costs

- Geotechnical Engineering
- A/E Professional Design Fees
- Impact and Tap Fees
- Testing and Inspections
- Site Surveys
- FFE (Furniture & Equipment)
- Data/Security/IT (TV's, Smartboards, PA System, etc.)
- Moving Expenses

Note: Soft costs may increase if Total Project Cost increases.

Estimated Soft Costs	=	$ 5,300,000
Probable Base Bid + Soft Costs + Design Contingency	=	$ 23,496,730
Owner Contingency	=	$ 1,000,000 (4% project cost)
Probable Base Bid + Soft Costs + Design/Owner Contingencies	=	$ 24,496,730

THANK YOU

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ideas taking shape