



Midland Valley High School Additions
Schematic Design Presentation | January 15, 2019



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.



PROGRAM SUMMARY

CLASSROOM BUILDING ADD	36,905 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 ADDIT	<u> TION</u>	antende,	27,610 SF
Dining	1 @	5,750	5,750
Auxiliary Gymnasium	1	7,875	7,875
Multi-Purpose Room	1	3,000	3,000
Athletic Storage	2	425	850
Classrooms	2	800	1,600

+ Circulation, Toilets, Mechanical, Electrical, IT, AV

TOTAL ADDITION

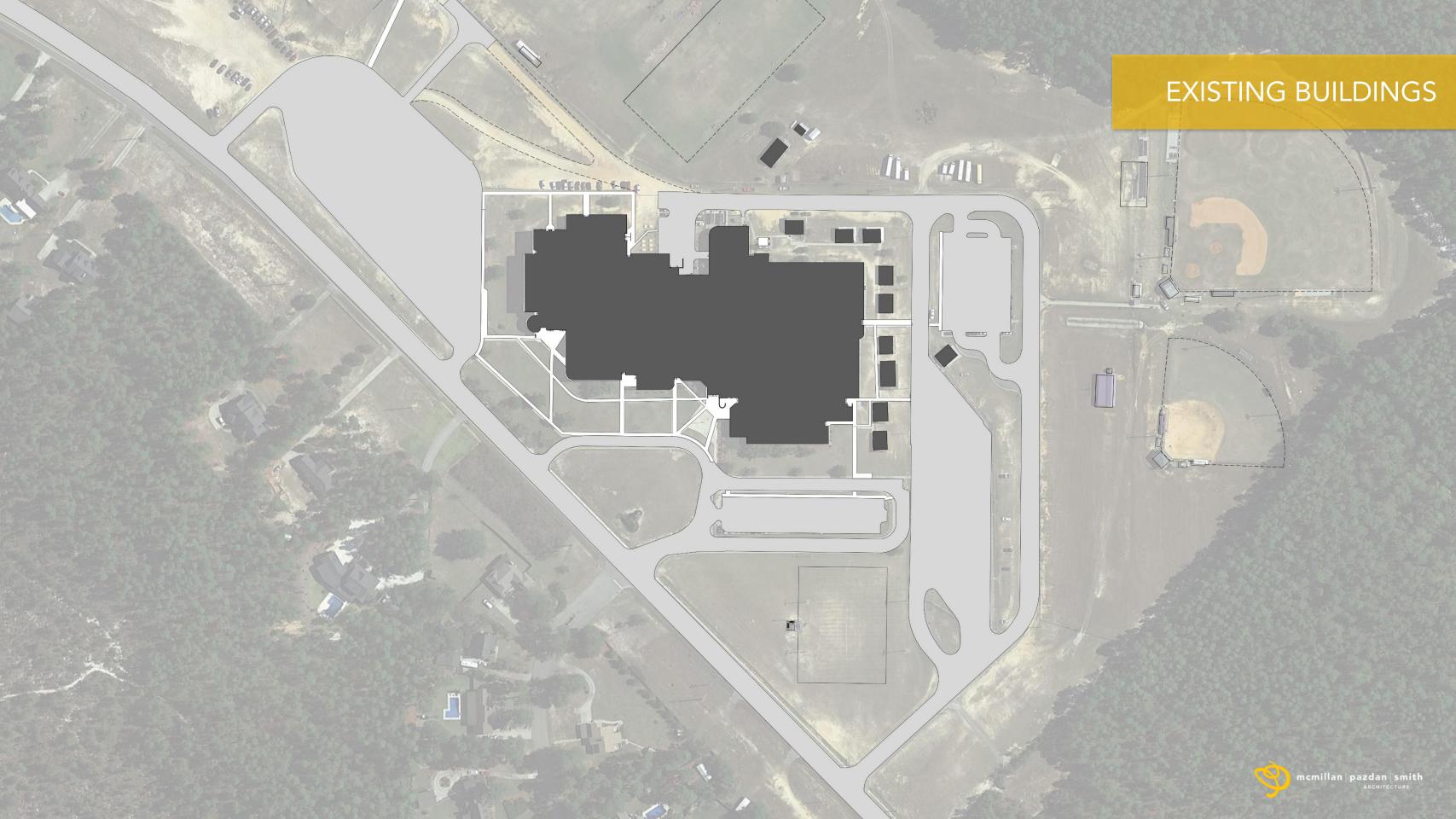
64,515 SF

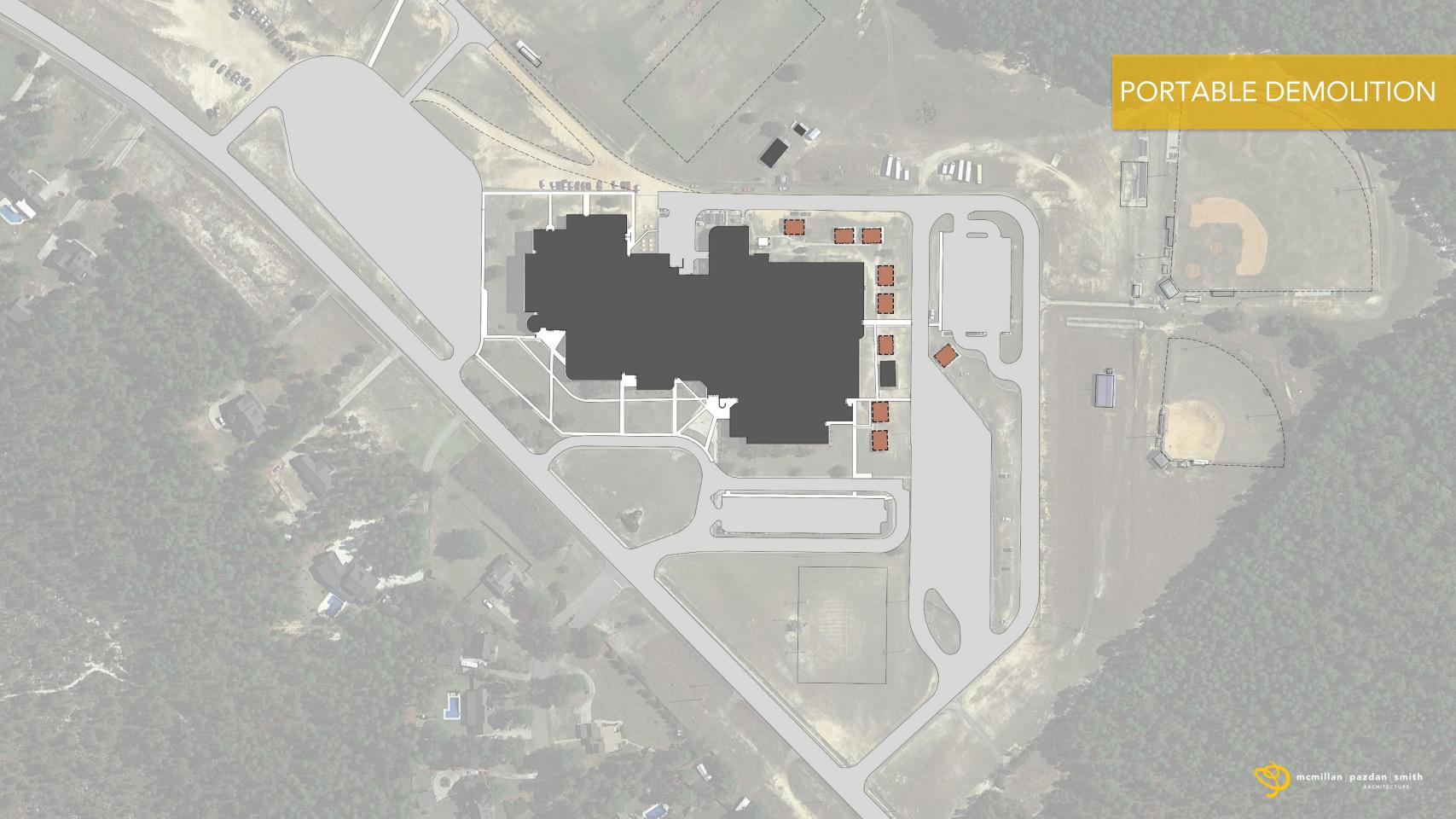


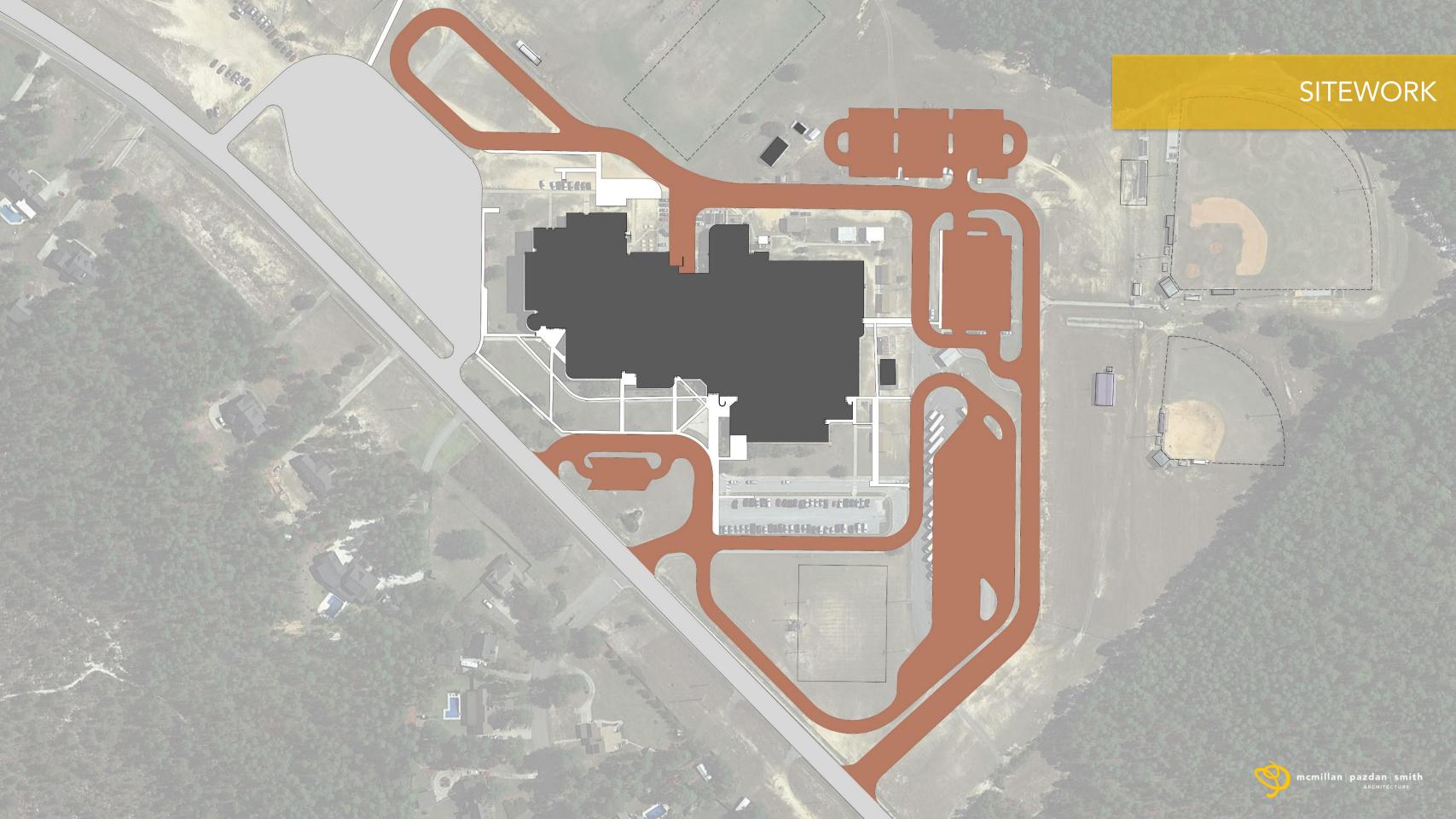
MASTER PLAN

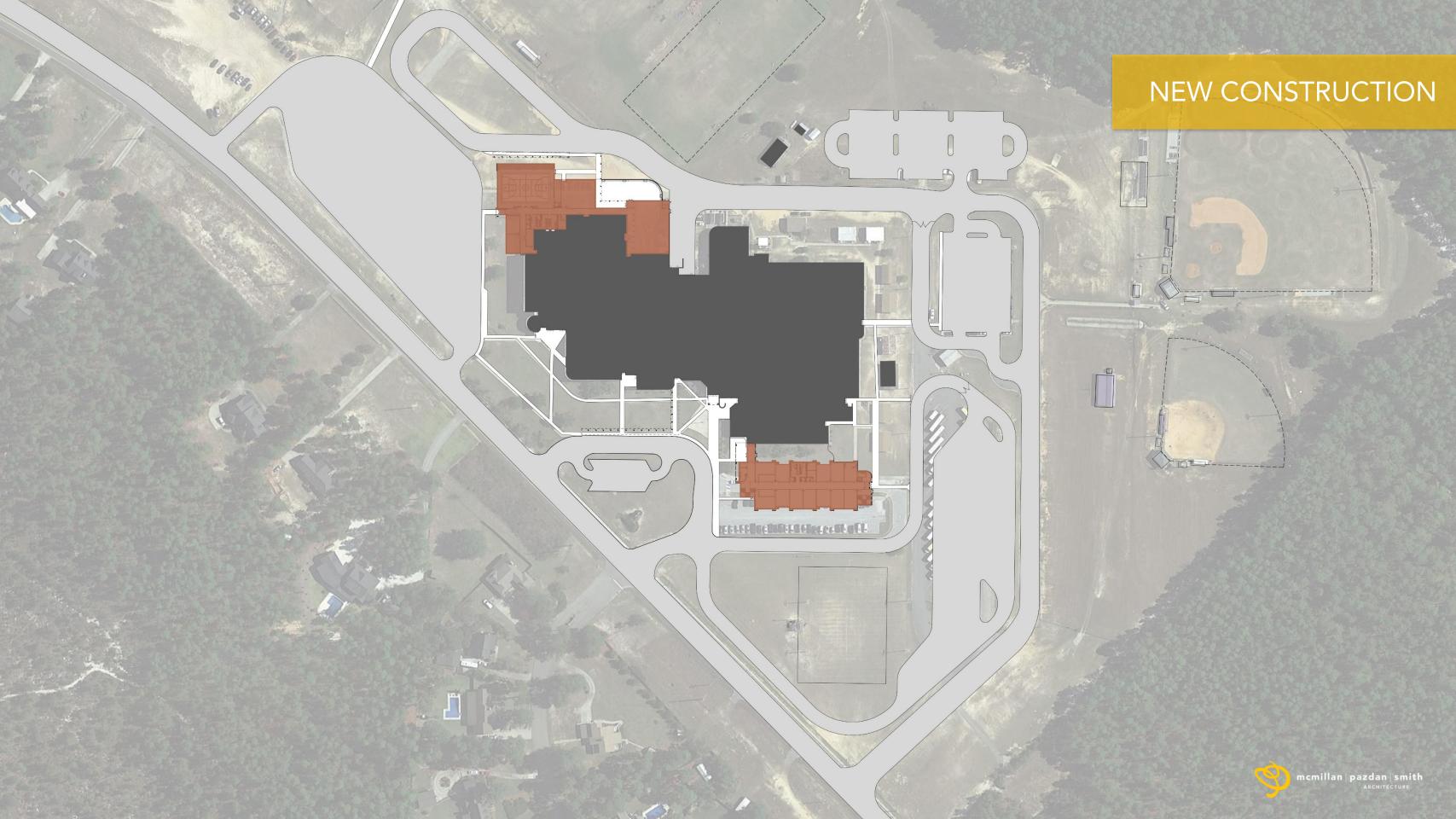












SITE PLAN EXISTING FIELDS ATHLETIC & DINING EXISTING **ADDITION** STUDENT PARKING **EXISTING** FIELDS EXISTING BUILDING DISTRICT CLASSROOM BUS PARKING BUS LOOP BUILDING ADDITION mcmillan | pazdan | smith PARENT LOOP





EXISTING BUILDING SCHOOL ENTRANCE VEST 422 SF OFFICE 123 SF ELEC 224 SF W 312 SF COMPUTER LAB 760 SF M 277 SF SPECIAL ED CLASSROOM 792 SF CLASSROOM 783 SF CLASSROOM 805 SF CLASSROOM 783 SF WORKRM VEST 501 SF IT 227 SF RESOURCE 377 SF RISER 201 SF CORR 2617 SF STAIR 1 704 SF RESOURCE 377 SF STAIR 2 660 SF CLASSROOM 793 SF CLASSROOM 783 SF CLASSROOM 805 SF CLASSROOM 804 SF CLASSROOM 783 SF CLASSROOM 804 SF CLASSROOM 760 SF

CLASSROOM ADDITION FIRST FLOOR PLAN



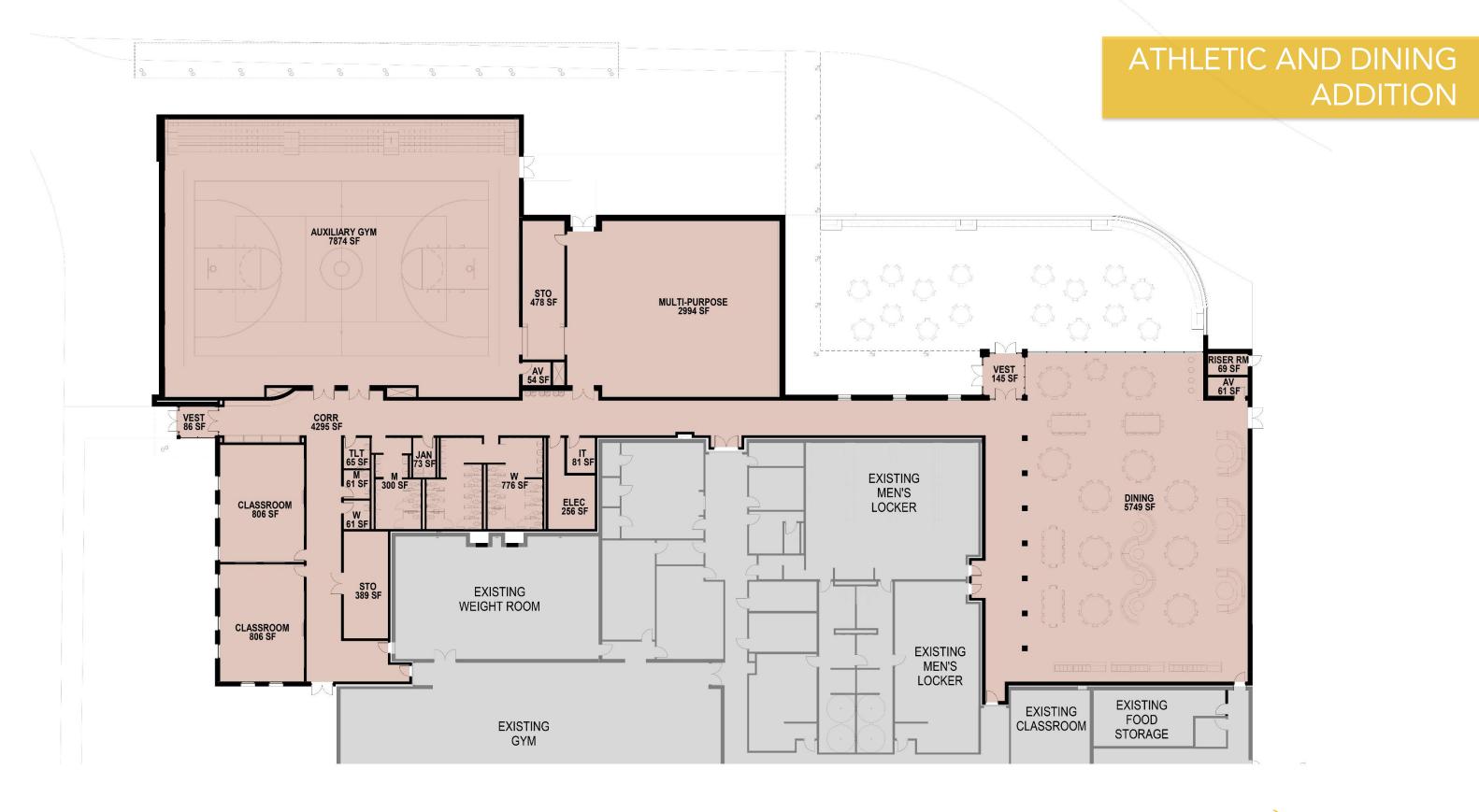
CLASSROOM ADDITION SECOND FLOOR PLAN

















SCHEDULE MILESTONES

1		
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-Engineers
11-19-18	Schematic Design Submittal (OSF, Cost Consultant, Owner)	MPS
12-05-18	Schematic Design Estimate to ACPS Owner Review Meeting	MPS-ACPS-Engineers
01-15-18	Schematic Design Review	MPS-ACPS
01-28-19	Design Development Submittal (OSF, Cost Consultant, Owner)	MPS
02-18-19	Design Development Estimate to ACPS Owner Review Meeting	MPS-ACPS
05-20-19	95% Construction Documents (100% Review) Submittal (OSF, Cost Consultant, Owner)	MPS
06-03-19	Construction Documents Estimate to ACPS Owner Review Meeting – Final Review	MPS-ACPS
06-18-19	100% Bid Documents to ACPS	MPS







SCHEMATIC DESIGN BUDGET

Total Construction Costs

Total Soft Costs

Total Project Budget

\$ 15 million

\$ 5 million

\$ 20 million



Construction Costs

Site Development = \$ 3,817,784

Renovations = \$ 400,000 (2,912 @ \$137/sf)

New Classroom Building = \$9,030,942 (37,450 @ \$241/sf)

Probable Base Bid = \$13,248,726

Design Contingency = \$1,000,000 (5% project budget)

Soft Costs

- Geotechnical Engineering

- A/E Professional Design Fees

- Impact and Tap Fees

- Site Surveys - Testing and Inspections

- FFE (Furniture & Equipment)

- Data/Security/IT (TV's, Smartboards, PA System, etc.)

Estimated Soft Costs = \$ 5,300,000 Note: Soft costs may increase if Alternates are selected.

Probable Base Bid + Soft Costs

+ Design Contingency = \$19,548,726

Alternate Construction Costs

Bid Alternate Gymnasium = \$ 4,179,600 (16,200 @ \$258/sf)

Bid Alternate Multi-Purpose = \$ 844,950 (3,275 @ \$258/sf)

Bid Alternate Dining = \$2,098,830 (8,135 @ \$258/sf)

Probable Base Bid + Soft Costs

+ Design Contingency + Alternates = \$ 26,672,106

Owner Contingency = \$1,000,000 (5% project budget)

Probable Base Bid + Soft Costs

+ Contingencies + Alternates = \$27,672,106



