

PROJECT MINUTES

Project:	Peebles Elementary School Feasibility Study	Project No.:	15041
Prepared by:	Joel Seeley	Meeting Date:	11/19/2015
Re:	School Building Committee Meeting	Meeting No:	7
Location:	Bourne Veteran’s Memorial Community Center	Time:	6:30pm
Distribution:	School Building Committee Members, Attendees (MF)		

Attendees:

PRESENT	NAME	AFFILIATION	VOTING MEMBER
✓	James L. Potter	Chairman, School Building Committee	Voting Member
✓	Peter J. Meier	Board of Selectmen	Voting Member
✓	Christopher Hyldburg	Chairman, School Committee	Voting Member
✓	Laura Scena	Member, School Committee	Voting Member
✓	Natasha Scarpato	Member at Large	Voting Member
	Richard A. Lavoie	Finance Committee	Voting Member
✓	William Meier	Building Trade Expert	Voting Member
✓	Mary Jo Coggeshall	Member at Large	Voting Member
✓	Frederick H. Howe	Board of Health	Voting Member
✓	Steven M. Lamarche	Superintendent of Schools, BPS	Voting Member
✓	Edward S. Donoghue	Director of Business Services, BPS	Non-Voting Member
	Thomas M. Guerino	Town Administrator	Non-Voting Member
	Jonathan Nelson	Director of Facilities, Town of Bourne	Non-Voting Member
	Elizabeth A. Carpenito	Principal, BES	Non-Voting Member
✓	Kathy Anderson	Elementary/Special Education Secretary	Non-Voting Member
✓	Janey Norton	Principal, PES	
✓	Kent Kovacs	FAI, Architect	
✓	Betsy Farrell Garcia	FAI, Architect	
	Jorge Cruz	FAI, Architect	
✓	Joel Seeley	SMMA, OPM	

Item #	Action	Discussion
7.1	Record	Call to Order, 6:30 PM, meeting opened.
7.2	Record	J. Potter introduced N. Scarpato as a new Committee member.
7.3	Record	A motion was made by P. Meier and seconded by F. Howe to approve the 10/22/15 School Building Committee meeting minutes. No discussion, motion passed unanimous by those attending, two abstentions.
7.4	Record	A motion was made by P. Meier and seconded by F. Howe to approve the 11/5/15 School Building Committee meeting minutes. No discussion, motion passed unanimous by those attending, three abstentions.
7.5	Record	Warrant No. 2 was reviewed. A motion was made by P. Meier and seconded by F. Howe to approve Warrant No. 2. No discussion, motion passed unanimous.
7.6	J. Seeley	J. Seeley distributed and reviewed a letter and revised Study Enrollment Certification from MSBA, dated 11/16/15 and attached, agreeing to the request to add a Peebles K-4 with a District-wide 5 th grade alternative to review in the Feasibility Study. A motion was made by S. Lamarche and seconded by C. Hyldborg to execute the revised Study Enrollment Certification. No discussion, motion passed unanimous. J. Seeley to forward the executed revised Study Enrollment Certification to MSBA.
7.7	K. Kovacs	K. Kovacs to forward the meeting minutes from the 11/6/15 Educational Program Meeting.
7.8	J. Seeley	J. Seeley to provide a projection of additional Environmental and Site Consultancies for the PSR and SD Phases. J. Seeley will determine once the PDP phase is more complete.
7.9	Record	J. Potter indicated he has heard back from the Town Moderator relative to the 2010 Town Bi-Law regarding committee member attendance. The Committee is to provide a report at the end of June each year to the Moderator and if attendance is a problem it should be noted therein.
7.10	Record	K. Kovacs indicated the PES campus sewage treatment plant has a capacity of 35,400 GPD and has an average usage of 12,000 GPD, therefore there is capacity to accommodate the 250 student or 410 student design options. Committee Discussion: 1. S. Lamarche asked if a new sewage treatment plant would have been required at the PES site, would it have been reimbursable? <i>J. Seeley indicated MSBA generally does not reimburse for sewage treatment plants.</i>
7.11	K. Kovacs	K. Kovacs contacted Cape Light Compact to review potential incentives or rebates for energy upgrades. Cape Light has a list of energy efficient elements that they may participate in, provided their requirements are followed. At this early stage, these will be noted and will be more fully vetted in Schematic Design. K. Kovacs to forward the list of the energy efficient elements to the Committee.

Item #	Action	Discussion
7.12	Record	K. Kovacs indicated the existing electrical service capacity at BES is sufficient to accommodate the 725 and 885 student design options.
7.13	K. Kovacs	K. Kovacs indicated the engineers are still reviewing the gas service capacity at BES.
7.14	Record	<p>K. Kovacs indicated the existing sanitary septic field's capacity at BES is sized to accommodate the current student population only and is in-sufficient to accommodate the 725 and 885 student design options.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. S. Lamarche asked if expanding the existing sanitary septic field at the BES site would be reimbursable. <i>J. Seeley indicated yes, the MSBA generally would reimburse for expanding an existing sanitary septic field, however the 8% site cap may constrain the overall site reimbursement.</i>
7.15	S. Lamarche P. Meier K. Kovacs	<p>K. Kovacs led a discussion on an overview of Community Forum No. 2, held on 11/17/15 and Community Forum No. 3, scheduled for 12/8/15.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. P. Meier asked if there could be additional advertising for the next Community Forum. <i>S. Lamarche indicated the School Administration sent out two email notifications, in addition to the seven poster boards distributed in town buildings and the flyers posted and emailed.</i> <i>S. Lamarche indicated the School Administration will also send out a text message.</i> <i>P. Meier indicated he will contact the Bourne Enterprise</i> 2. P. Meier indicated there was some concern from the community that the Committee was moving too fast and deciding on an option without community input. <i>J. Seeley indicated the Committee won't decide on an option in the PDP phase, but will select a minimum of three options to be further studied in the PSR phase. The PSR phase is the phase in which the Committee will need to select the one preferred option and will need the full time scheduled for maximum community input.</i> 3. N. Scarpato indicated there was a mix-up in the child care coverage. <i>J. Norton indicated she will coordinate the child care coverage for Community Forum No. 3.</i> 4. K. Kovacs suggested opening Community Forum No. 3 with a quick tour of the school. 5. K. Kovacs to forward the flyer for Community Forum No. 3 and the seven poster boards for distribution.

Item #	Action	Discussion
7.16	K. Kovacs	<p>K. Kovacs presented and reviewed a Powerpoint presentation, attached, on preliminary design options as follows:</p> <ol style="list-style-type: none">1. PES – New Construction Option 1A2. PES – New Construction Option 1B3. PES – New Construction Option 1C4. PES – New Construction Option 1D5. PES – New Construction Option 1E6. PES – Renovation/Addition Option 1F7. PES – Renovation/Addition Option 1G8. BES - Renovation/Addition Option 2A9. BES - Renovation/Addition Option 2B10. BES - Renovation/Addition Option 2C11. BES - Renovation/Addition Option 2D12. BES - Renovation/Addition Option 3A13. BES - Renovation/Addition Option 3B14. BES - Renovation/Addition Option 3C15. BES - Renovation/Addition Option 3D <p>Committee Discussion relative to the PES design options:</p> <ol style="list-style-type: none">1. Option 1A is a good building location.2. Option 1B site is very steep and the plan will be a split level.3. Option 1C requires partial demolition of the occupied school in order to build the new school and is on the downward slope from the entry drive.4. Option 1D requires building very close to the occupied school and is on the downward slope from the entry drive.5. Option 1E removes two of the existing soccer fields and in appearance, will be perceived as part of the middle school complex due to its proximity.6. Option 1F places the majority of the additions behind the existing school.7. Option 1G can provide for a new building appearance with both additions being placed on the front of the existing school. <p>After discussion the Committee decided to continue to refine and cost estimate Options 1A and 1G.</p> <p>Committee Discussion relative to the BES 725 student design options:</p> <ol style="list-style-type: none">1. Option 2A is a good layout and provides a clear building entry.2. Option 2B has scattered parking.3. Option 2C has very long travel distances from the remote academic wing to the community spaces.4. Option 2D has long travel distances from the remote academic wing to the community spaces. <p>After discussion the Committee decided to continue to refine and cost estimate Option 2A.</p> <p>Committee Discussion relative to the BES 885 student design options:</p>

Item #	Action	Discussion
		<ol style="list-style-type: none"> 1. Option 3A provides a clear building entry. 2. Option 3B is a good option for such a large building with a clearly demarcated line between the community spaces and the academic spaces. 3. Option 3C has very long travel distances from the remote academic wing to the community spaces. 4. Option 3D has long travel distances from the remote academic wing to the community spaces. <p>After discussion the Committee decided to modify the design for Option 3A and continue to refine and cost estimate both Options 3A and 3B.</p>
7.17	K. Kovacs	<p>K. Kovacs presented and reviewed a Powerpoint presentation, attached, on preliminary LEED goals.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. J. Potter asked if FAI can provide information on historical costs against actual savings for LEED elements from their recent projects? <i>K. Kovacs will provide for Committee review.</i>
7.18	J. Seeley	<p>Video-taping the SBC meetings for viewing on BourneTV was discussed.</p> <p>A Motion was made by S. Lamarche and seconded by L. Scena to video tape as many of the SBC meetings as possible. No discussion, motion passed unanimous.</p> <p>J. Seeley to coordinate with Bourne TV and the Community Center Director.</p>
7.19	P. Meier J. Seeley	<p>Committee Questions:</p> <ol style="list-style-type: none"> 1. S. Lamarche asked if the Moderator can provide direction on the process to be followed to fill vacant Committee seats in the future? <i>P. Meier will follow-up with the Moderator on the process to be followed.</i> 2. R. Howe discussed the proposed "Technology use during Open Meeting" policy contemplated by the Selectmen and requests the Committee provide feedback to the Selectmen for their deliberation. <i>J. Seeley to place this topic on the agenda for the next Committee meeting.</i>
7.20	Record	<p>Next SBC Meeting: December 3, 2015 at 6:30 pm at the Bourne Veteran's Memorial Community Center.</p>
7.21	Record	<p>A Motion was made by P. Meier and seconded by R. Howe to adjourn the meeting. No discussion, voted unanimously.</p>

Attachments: Agenda, Letter and revised Study Enrollment Certification from MSBA dated 11/16/15, Powerpoint presentation

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes

PROJECT MEETING SIGN-IN SHEET

Project: Peebles Elementary School Feasibility Study Project No.: 15041
 Prepared by: Joel Seeley Meeting Date: 11/19/2015
 Re: School Building Committee Meeting Meeting No: 7
 Location: Bourne Veterans Memorial Community Center, 234 Main Street, Buzzards Bay, Massachusetts Time: 6:30pm
 Distribution: Attendees, (MF)

SIGNATURE	ATTENDEES	EMAIL	AFFILIATION
	James L. Potter	onsetip@iuno.com	Chairman, School Building Committee
	Peter J. Meier	pmeier@townofbourne.com	Bourne Board of Selectmen
	Christopher Hyldborg	chrish@alpha-1.com	Chairman, Bourne School Committee
	Laura Scena	laurascena@yahoo.com	Member, School Committee
			Member
	Richard A. Lavoie	RichL.Lavoie@gmail.com	Member, Bourne Finance Committee
	William Meier	Dusty22752@aol.com	Building Trade Expert
	Mary Jo Coggeshall	mjcoggeshall@bourneps.org	At-Large
	Frederick H. Howe	rickhowe9@gmail.com	Board of Health
	Steven M. Lamarche	slamarche@bourneps.org	Superintendent of Schools, BPS
	Edward S. Donoghue	EDonoghue@bourneps.org	Director of Business Services, BPS
	Thomas M. Guerino	tguerino@townofbourne.com	Town Administrator
	Jonathan Nelson	jnelson@townofbourne.com	Director of Facilities, Town of Bourne
	Elizabeth A. Carpenito	ecarpenito@bourneps.org	Principal, BES
	Kathy Anderson	kanderson@bourneps.org	Elementary/Special Education Secretary
	Janey Norton	jnorton@bourneps.org	Principal, PES
	Kent Kovacs	kkovacs@flansburgh.com	Flansburgh Architects
	Betsy Farrell Garcia	bgarcia@flansburgh.com	Flansburgh Architects
	Joel Seeley	jseeley@smma.com	SMMA
	Natasha Scarpato	scarpato4@comcast.net	Member at large

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AGENDA

Project:	Peebles Elementary School Feasibility Study	Project No.:	15041
Re:	School Building Committee Meeting	Meeting Date:	11/19/2015
Meeting Location:	Bourne Veterans Memorial Community Center	Meeting Time:	6:30 PM
Prepared by:	Joel Seeley	Meeting No.:	7
Distribution:	Committee Members (MF)		

1. Call to Order
2. Approval of Minutes – October 22, 2015 and November 5, 2015
3. Approval of Invoices and Commitments
4. Community Forum No. 2 Recap
5. Educational Program Update
6. Presentation of Construction Alternatives
7. Discussion of Sustainable Design Goals
8. Videotaping SBC Meetings
9. Committee Questions
10. Public Comments
11. Next Meeting – December 3, 2015
12. Adjourn

JGS/sat/P:\2015\15041\04-MEETINGS\4.2 Agendas\3-School Building Committee\7-19November2015\Agenda_19November2015.Docx

Massachusetts School Building Authority

Deborah B. Goldberg
Chairman, State Treasurer

John K. McCarthy
Executive Director

November 16, 2015

Mr. Steven Lamarche, Superintendent
Bourne Public Schools
36 Sandwich Road
Bourne, MA 02532

Re: Town of Bourne, James F. Peebles Elementary School

Dear Superintendent Lamarche:

I would like to thank you and your team for continuing to work with the Massachusetts School Building Authority (the "MSBA") towards the most educationally appropriate and cost effective solution for the James F. Peebles Elementary School (the "Proposed Project") in the Town of Bourne (the "District"). This letter is a follow up to previous correspondence regarding the enrollment projections for the Proposed Project, and in particular to your letter dated November 3, 2015, requesting an additional study enrollment recommendation for a potential project serving grades K-4 at the James F. Peebles Elementary School and district-wide grade 5 population.

A detailed explanation of the MSBA's base enrollment projection and adjustments for the Bourne Public Schools, upon which the executed Study Enrollment Certification for the Proposed Project is based, has been provided through previous correspondence. The MSBA's enrollment letter to the District dated December 11, 2014 identified a district-wide K-4 projected enrollment of 725 students and a district-wide K-5 enrollment of 885 students. For planning and study purposes, the MSBA also offered a study enrollment recommendation of 250 students for a potential project serving grades K-4 at the James F. Peebles Elementary School. Attached please find an updated enrollment certification that provides study enrollment recommendations as follows:

- District-wide Grades K-5 in one elementary school: 885 students
- District-wide Grades K-4 in one elementary school: 725 students
- Peebles Elementary School Grades K-4: 250 students
- Peebles Elementary School Grades K-4 and District-wide Grade 5: 410 students

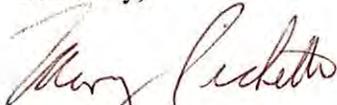
As stated in previous correspondence, the MSBA's study enrollment recommendations assume full utilization of all remaining school facilities. Accordingly, as part of the Feasibility Study, the District will be required to determine the enrollment capacity of each existing facility anticipated to remain in service and provide an educational program

for each proposed configuration. If grade reconfiguration and/or school consolidation has been determined to be the Preferred Solution, the District will also be required to demonstrate in the Preferred Schematic Report that any consolidation and/or reconfiguration proposed as the District's Preferred Solution supports the delivery of its educational program and has been approved by the School Committee and other necessary local officials. Further, the MSBA will require a written plan from the District describing the process for determining local support for potential grade reconfiguration and school closures. Upon approval of the District's Preferred Solution, the MSBA will forward a design enrollment certification that is specific to the grade configuration associated with the approved Preferred Solution.

The MSBA believes that this study enrollment recommendation will position the District to efficiently meet space capacity needs throughout future enrollment variations. Please sign and return the attached certification within 21 calendar days to confirm agreement on this study enrollment. If the District feels that this study enrollment does not meet the needs of the District, please respond to this letter via e-mail to Katie DeCristofaro and propose three meeting/conference call times for which the District can be available to discuss enrollment.

If you have any questions, please do not hesitate to contact me or Katie DeCristofaro (Kathryn.DeCristofaro@MassSchoolBuildings.org) at 617-720-4466.

Sincerely,



Mary Pichetti
Director of Capital Planning

Cc: Legislative Delegation
Stephen F. Mealy, Chair, Bourne Board of Selectmen
Thomas M. Guerino, Bourne Town Administrator
Christopher Hyldborg, Chair, Bourne School Committee
Edward Donoghue, Director of Business Services, Bourne Public Schools
James Potter, Chair, Bourne School Building Committee
Joel Seeley, Owner's Project Manager, Symmes Maini & McKee Associates
Kent Kovacs, Designer, Flansburgh Associates, Inc.
File: 1.2 Enrollment Projections (Region 6)

MASSACHUSETTS SCHOOL BUILDING AUTHORITY

**TOWN OF BOURNE
JAMES F. PEEBLES ELEMENTARY SCHOOL
STUDY ENROLLMENT CERTIFICATION**

As a result of a collaborative analysis with the Massachusetts School Building Authority (the “MSBA”) of enrollment projections and space capacity needs for the proposed project at the James F. Peebles Elementary School, the Town of Bourne hereby acknowledges and agrees that the design of preliminary options which may be evaluated as part of the feasibility study for the proposed project at the James F. Peebles Elementary School shall be based in accordance with the following:

Enrollment for Grades K-5 at a District-wide Elementary School	Enrollment for Grades K-4 at a District-wide Elementary School	Enrollment for Grades K-4 at the James F. Peebles Elementary School including District-wide Grade 5	Enrollment for Grades K-4 at the James F. Peebles Elementary School
885 students	725 students	410 students	250 students

The space allowance for each alternative evaluated shall assume no more than the enrollments as detailed in the table above. The Town of Bourne acknowledges and agrees that it has no right or entitlement to any particular study enrollment, square feet per student space allowance, or total square footage referenced in the table above for the preliminary options, and further acknowledges and agrees that it shall not bring any or action, legal or equitable, against the MSBA, or any of its officers or employees, for the purpose of obtaining an increase in the study enrollment of the James F. Peebles Elementary School that it has acknowledged and agreed herein. The Town of Bourne further acknowledges and agrees that the study enrollment presented herein is only applicable to the evaluation of preliminary options conducted as part of the feasibility study for the proposed James F. Peebles Elementary School project. Upon receipt of the District’s recommendation of a Preferred Schematic Design for the proposed James F. Peebles Elementary School project, and subject to the MSBA’s review of such recommendation, the MSBA shall forward a Design Enrollment Certification with a design enrollment specific to the recommended and approved Preferred Schematic Design, which shall supersede this certification.

The undersigned, for themselves and the Town of Bourne, hereby certify that they have read and understand the contents of this Study Enrollment Certification and that each of the above statements is true, complete and accurate. The undersigned hereby certify that they have been duly authorized by the appropriate governmental body to execute this Certification on behalf of the Town of Bourne and to bind the Town of Bourne to its terms.

Chief Executive Officer

Duly Authorized Representative of School
Committee

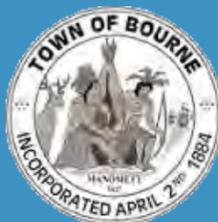
Date

Date

Superintendent of Schools

Date

Peebles Campus

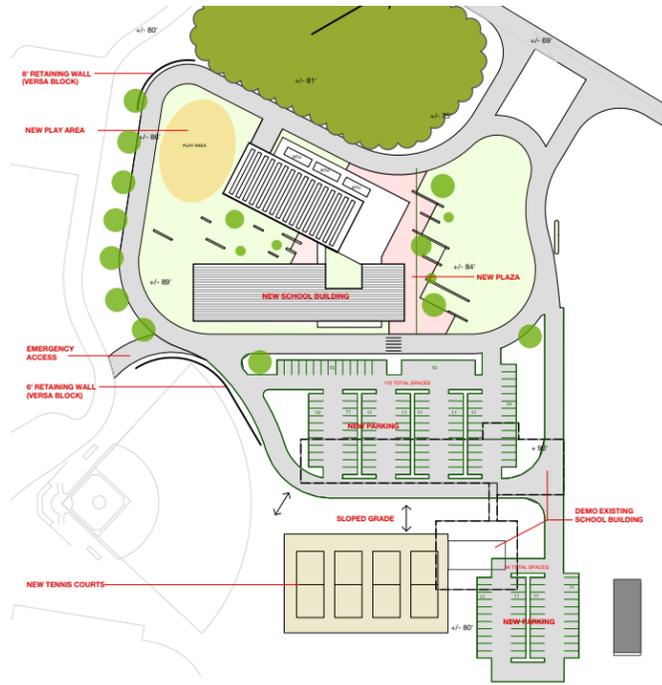


PROJECT MANAGEMENT **SMMA**
Massachusetts School Building Authority

Flansburgh Architects

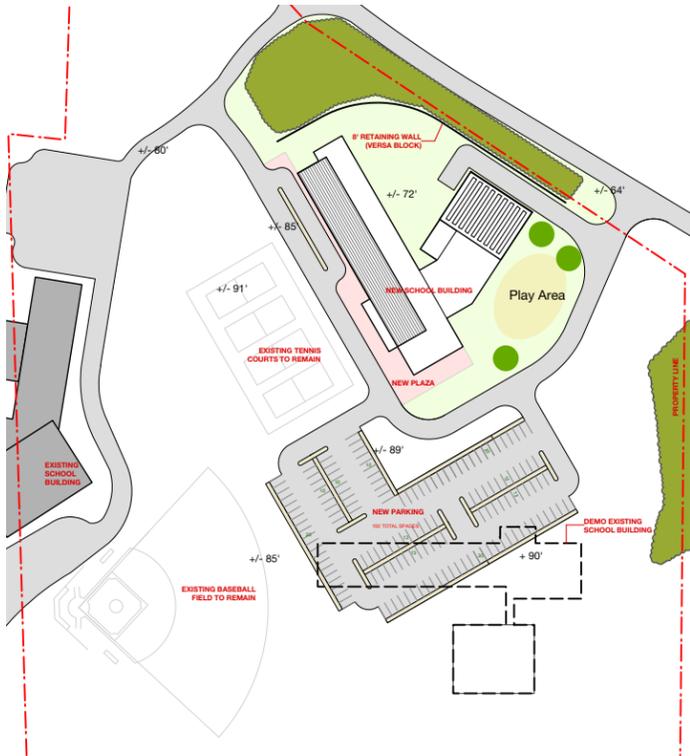
Peebles New Construction Option 1A

New: 57,248 SF



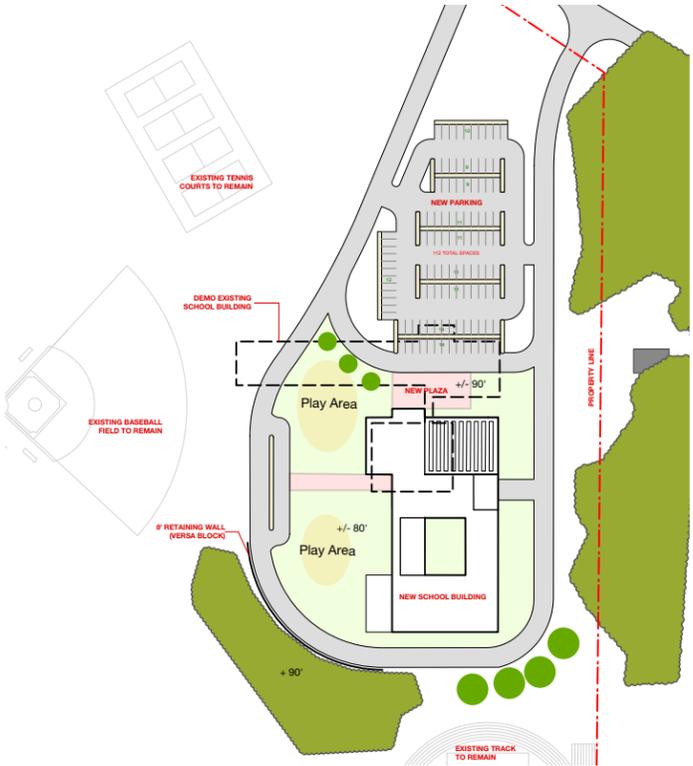
Peebles New Construction Option 1B

New: 57,248 SF



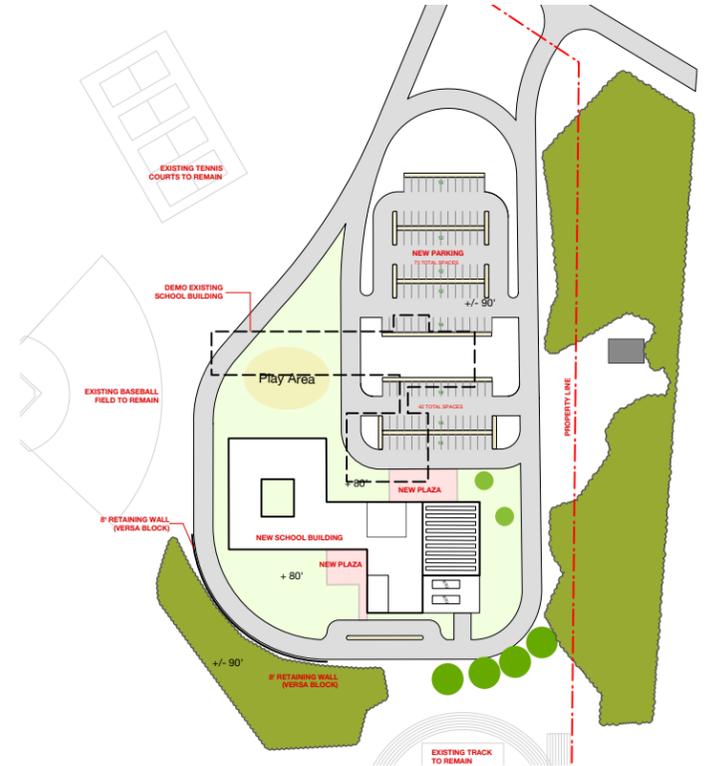
Peebles New Construction Option 1C

New: 57,248 SF



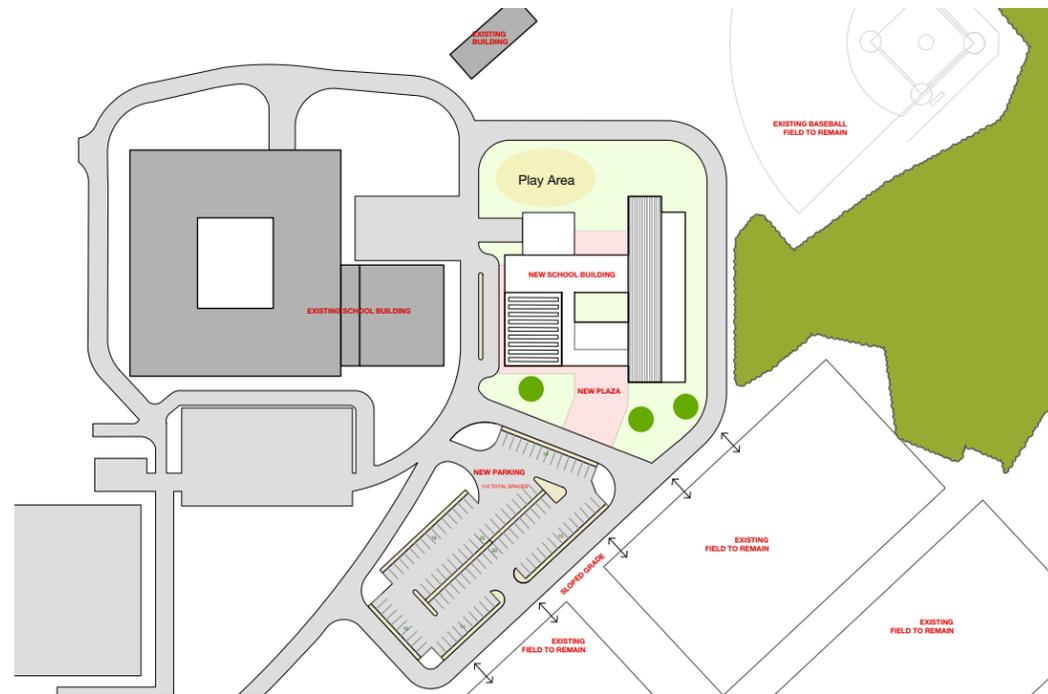
Peebles New Construction Option 1D

New: 57,248 SF



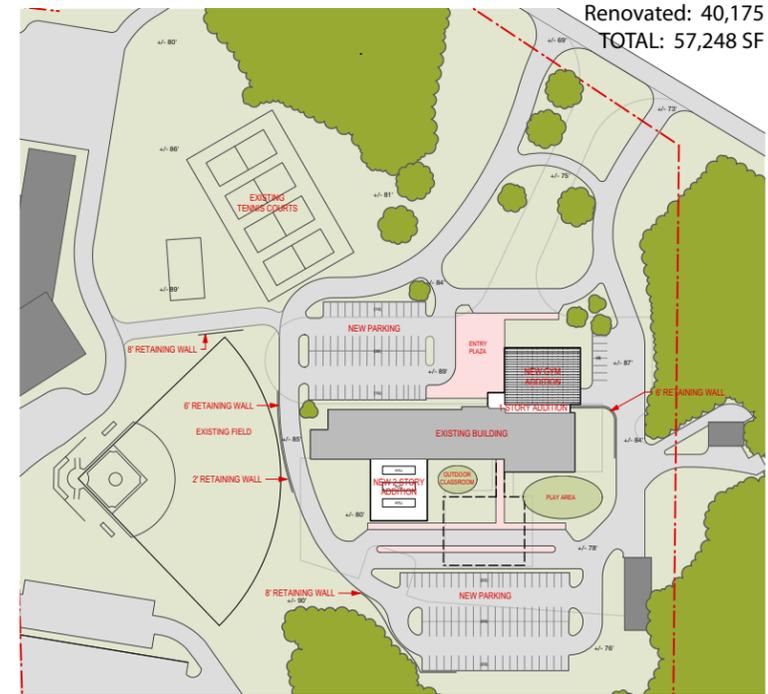
Peebles New Construction Option 1E

New: 57,248 SF



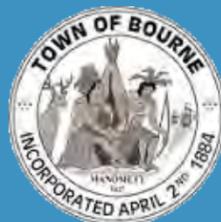
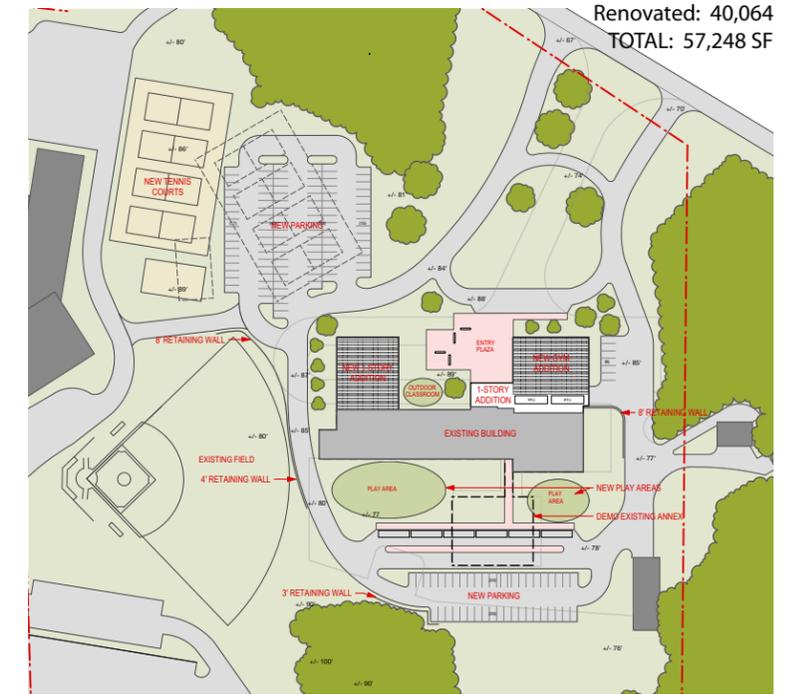
Peebles Addition/Renovation Option 1F

New: 17,073 SF
Renovated: 40,175
TOTAL: 57,248 SF



Peebles Addition/Renovation Option 1G

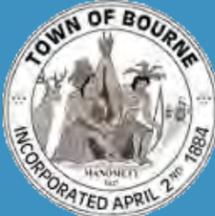
New: 17,184 SF
Renovated: 40,064
TOTAL: 57,248 SF



PROJECT MANAGEMENT **SMMA**
Massachusetts School Building Authority

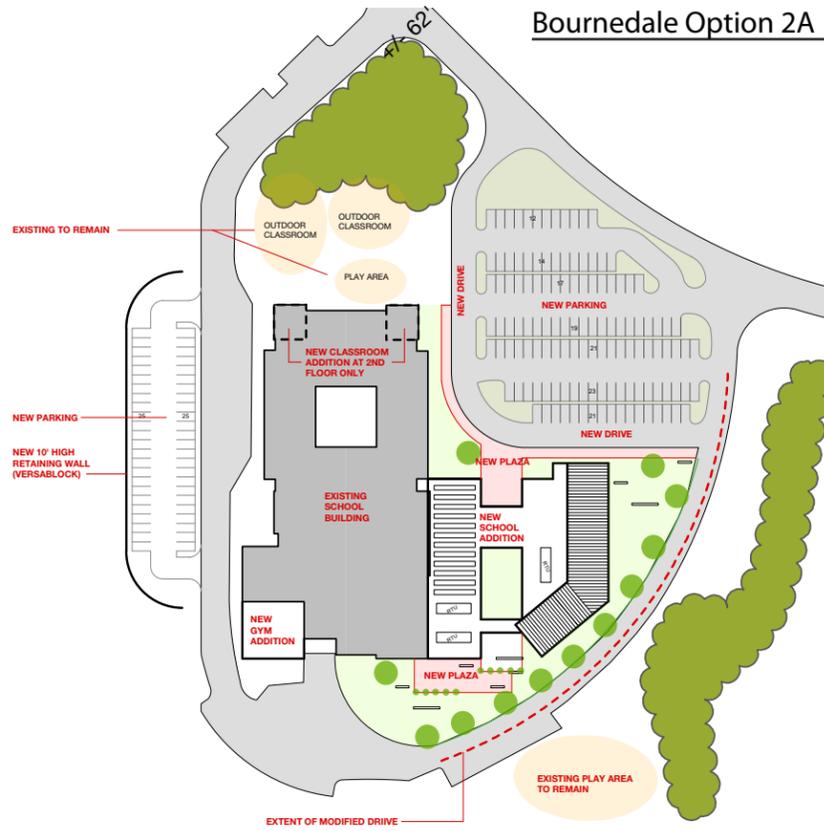
Flansburgh Architects

Bournedale Campus



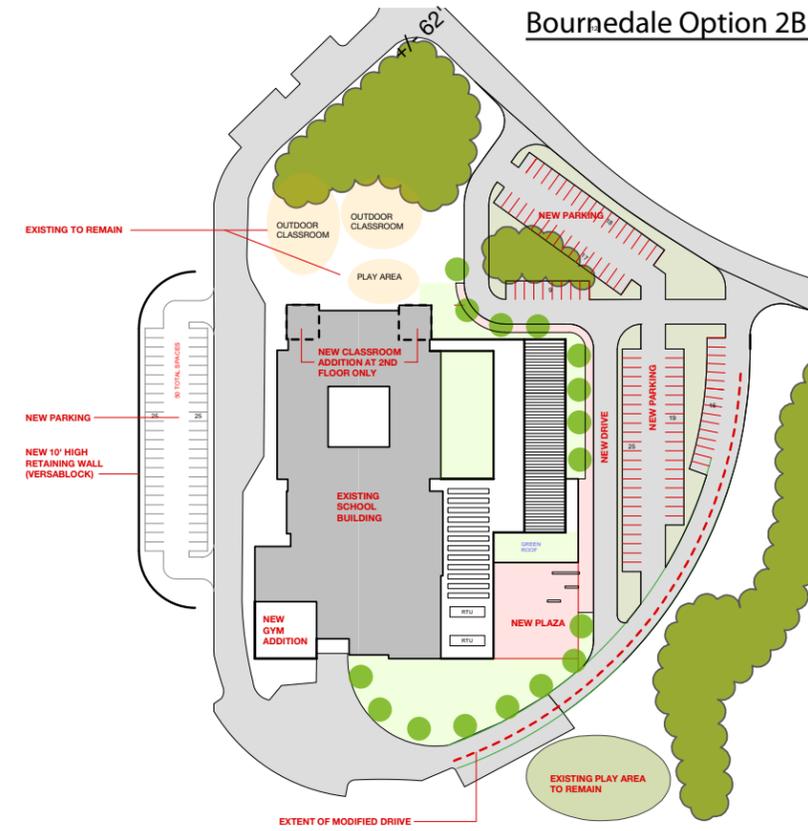
PROJECT MANAGEMENT **SMMA**
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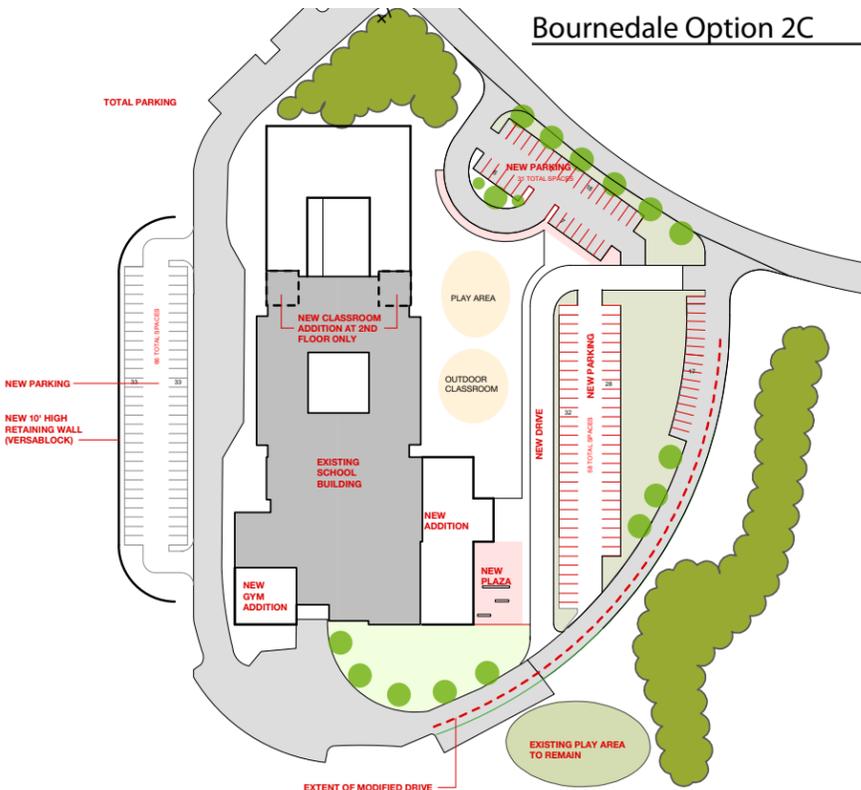
Bournedale Option 2A

New: 46,493 SF
 Renovated: 68,100 SF
 TOTAL: 114,593 SF



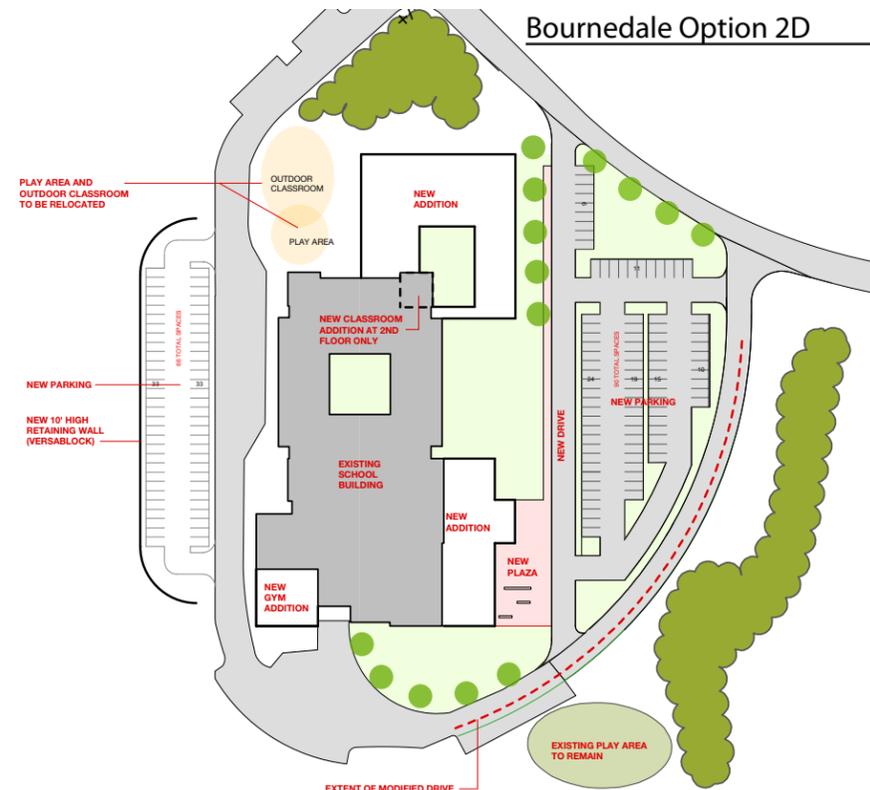
Bournedale Option 2B

New: 46,493 SF
 Renovated: 68,100 SF
 TOTAL: 114,593 SF



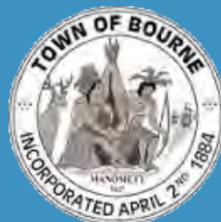
Bournedale Option 2C

New: 46,493 SF
 Renovated: 68,100 SF
 TOTAL: 114,593 SF



Bournedale Option 2D

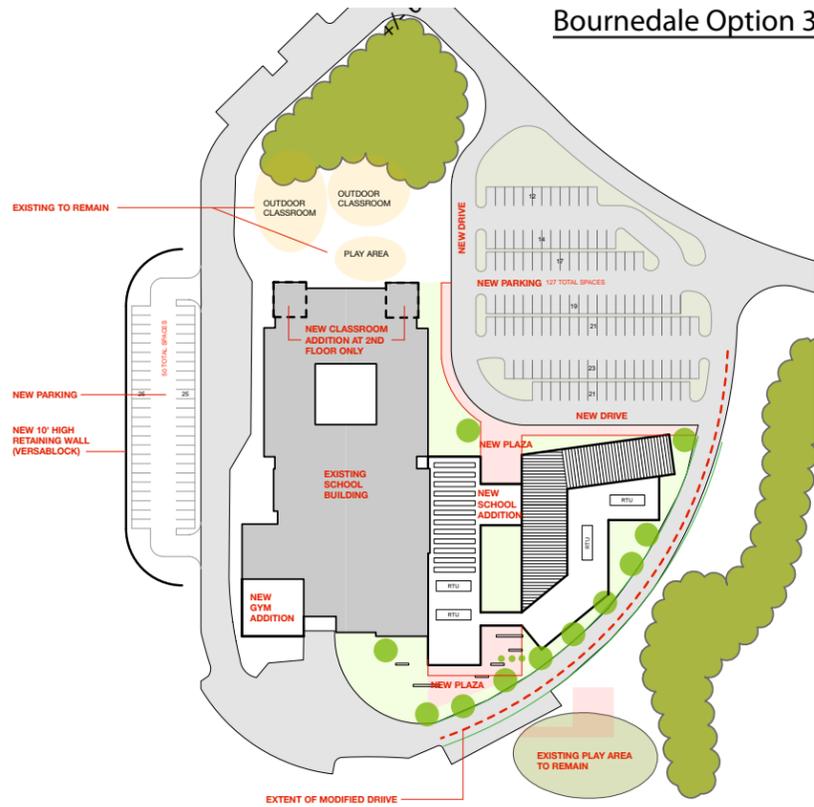
New: 46,493 SF
 Renovated: 68,100 SF
 TOTAL: 114,593 SF



PROJECT MANAGEMENT **SMMA**
 Massachusetts School Building Authority

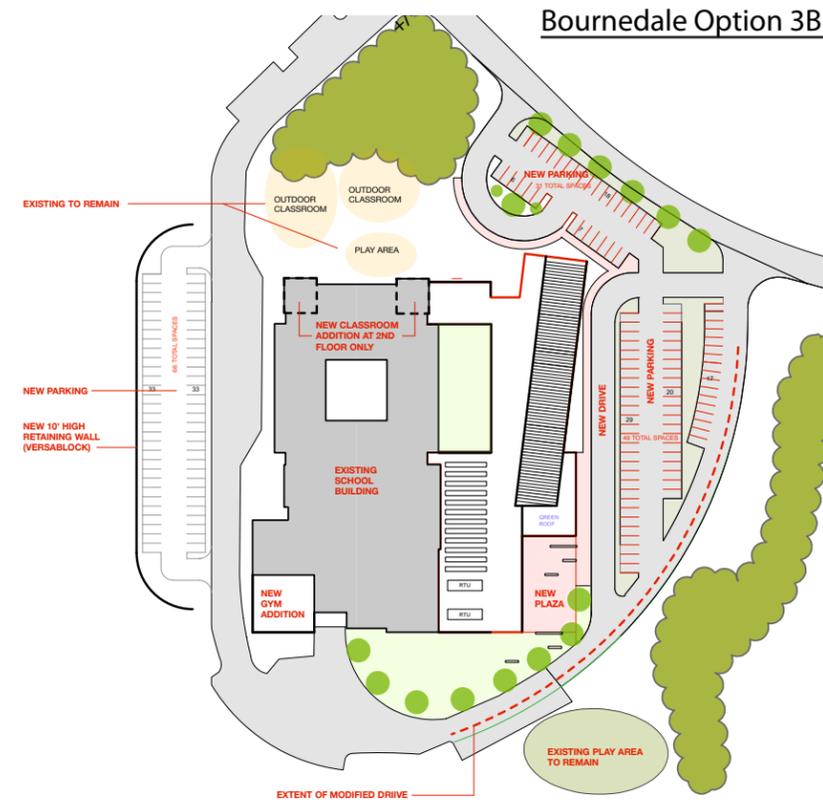
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Bournedale Option 3A



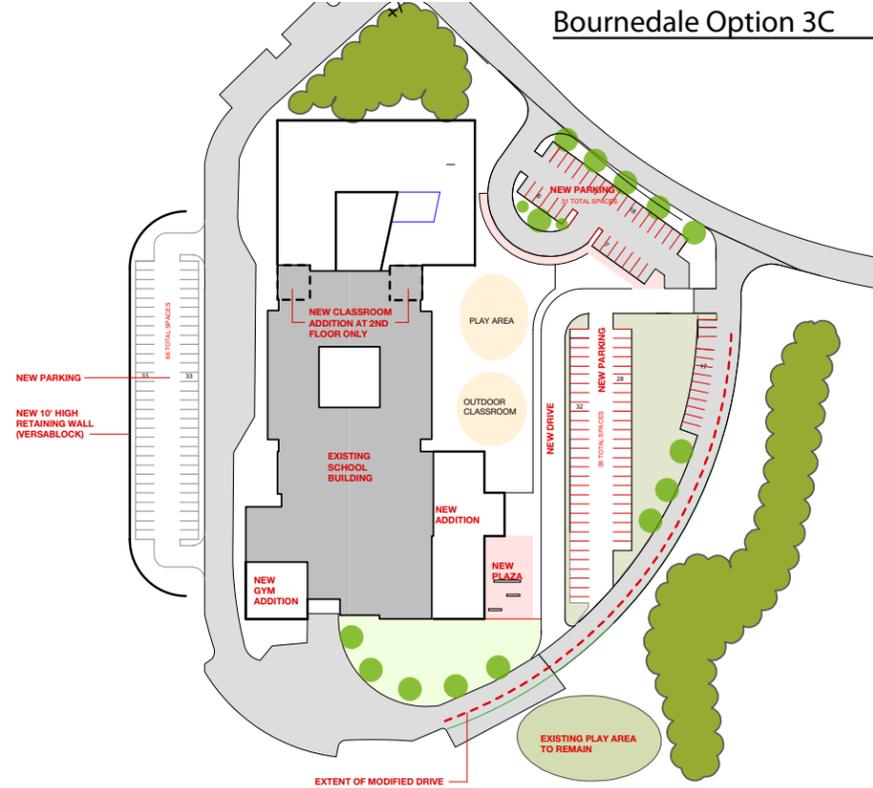
New: 63,282 SF
 Renovated: 68,100 SF
 TOTAL: 131,382 SF

Bournedale Option 3B



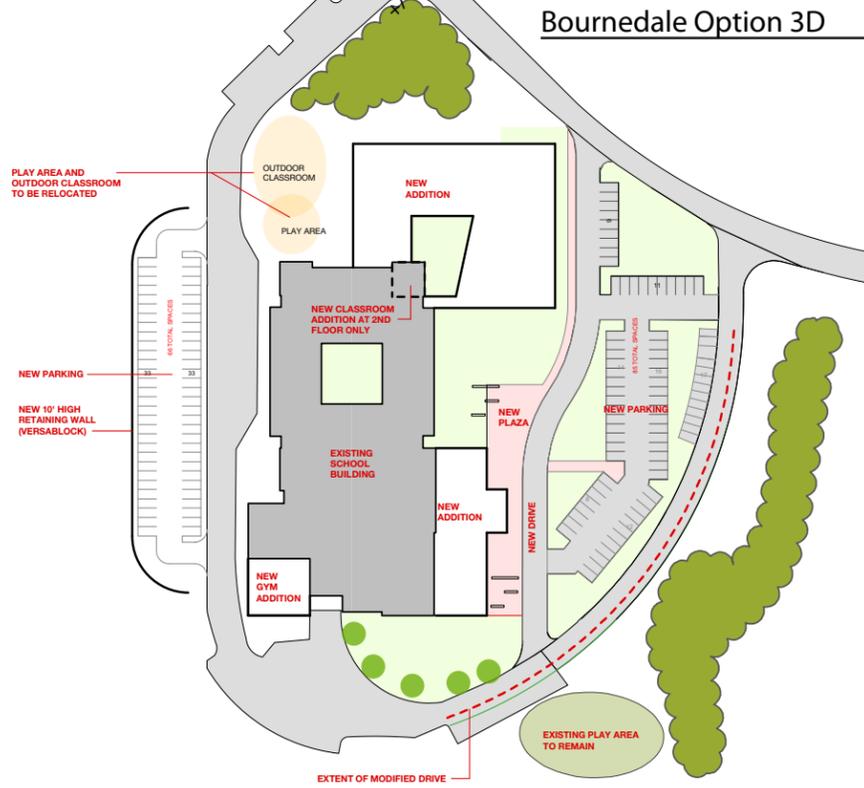
New: 63,282 SF
 Renovated: 68,100 SF
 TOTAL: 131,382 SF

Bournedale Option 3C

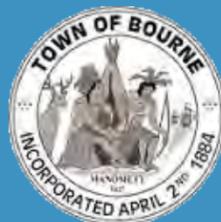


New: 63,282 SF
 Renovated: 68,100 SF
 TOTAL: 131,382 SF

Bournedale Option 3D



New: 63,282 SF
 Renovated: 68,100 SF
 TOTAL: 131,382 SF



PROJECT MANAGEMENT **SMMA**
 Massachusetts School Building Authority

Flansburgh Architects

School Building Committee Meeting

November 19, 2015

Peebles Elementary School Feasibility Study



PROJECT MANAGEMENT **SMMA**
Massachusetts School Building Authority

Flansburgh Architects

COMMUNITY FORUM NO. 2 RECAP

Guiding Principles

- Inquiry-Based Learning
- Flexible and Adaptable Space
- Visible Learning
- A Place You Want to Be
- Collaboration & Connections
- Connections to 21st-Century Learning
- Community Access
- Purposeful Innovation & Creativity
- Future Orientation with Connections to Tradition
- Learning Communities



Design Patterns

- Gathering Spaces
- Varied Spaces / Ubiquitous Learning
- Display & Exhibition Spaces
- Maker Spaces
- Multi-Purpose Spaces
- Collaborative Environments
- Indoor/Outdoor Connections
- Technology & Blended Learning
- Agile Classrooms
- Classroom Neighborhoods
- Effective Storage



PRELIMINARY SITE OPTIONS

MSBA Study Scope

Option 1

Grades
K to 4

Neighborhood
Elementary
School

250 students

Option 2

Grades
PreK to 4

District-wide
Elementary
School

725 students

Option 3

Grades
PreK to 5

District-wide
Elementary
School

885 students

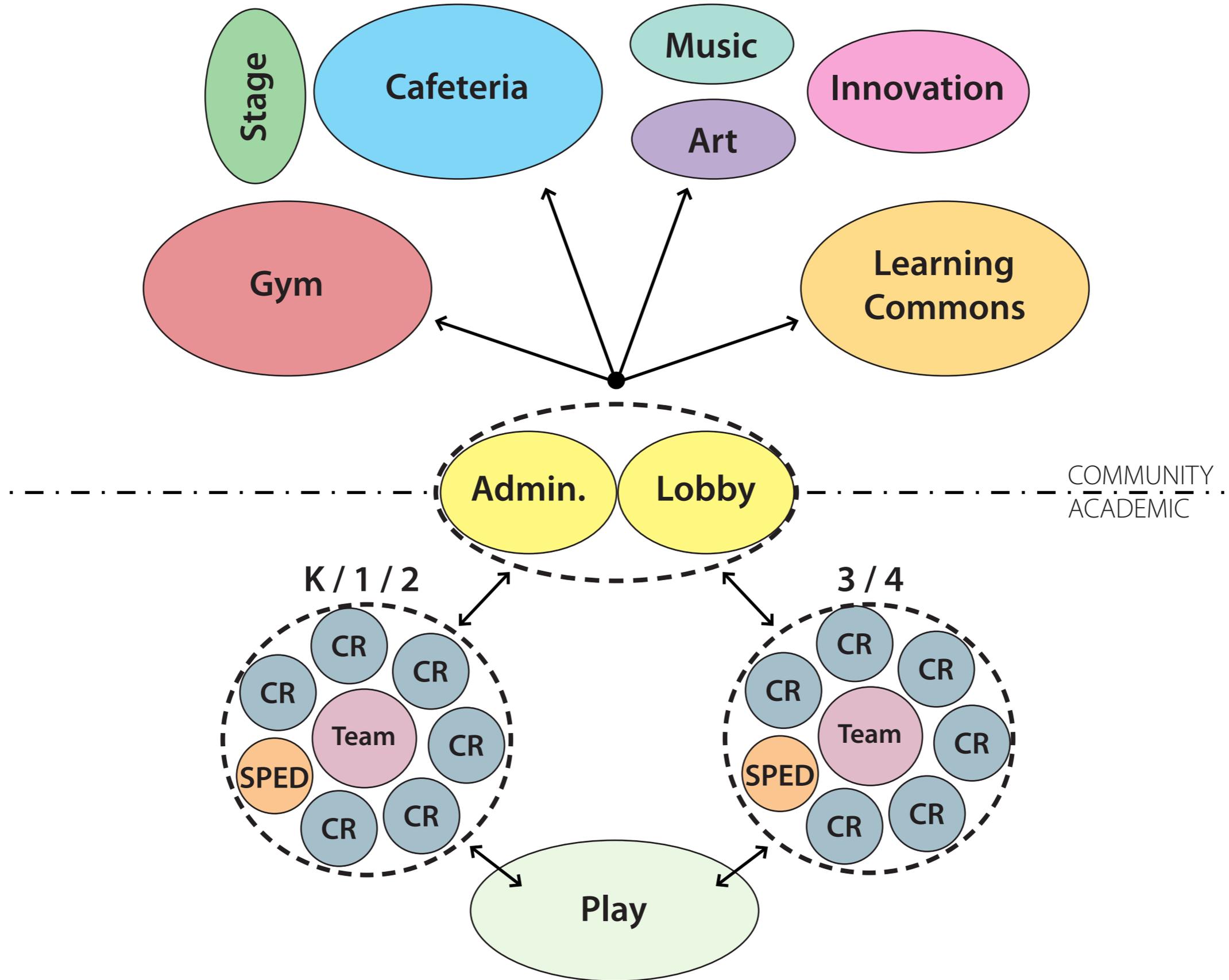
Peebles Campus



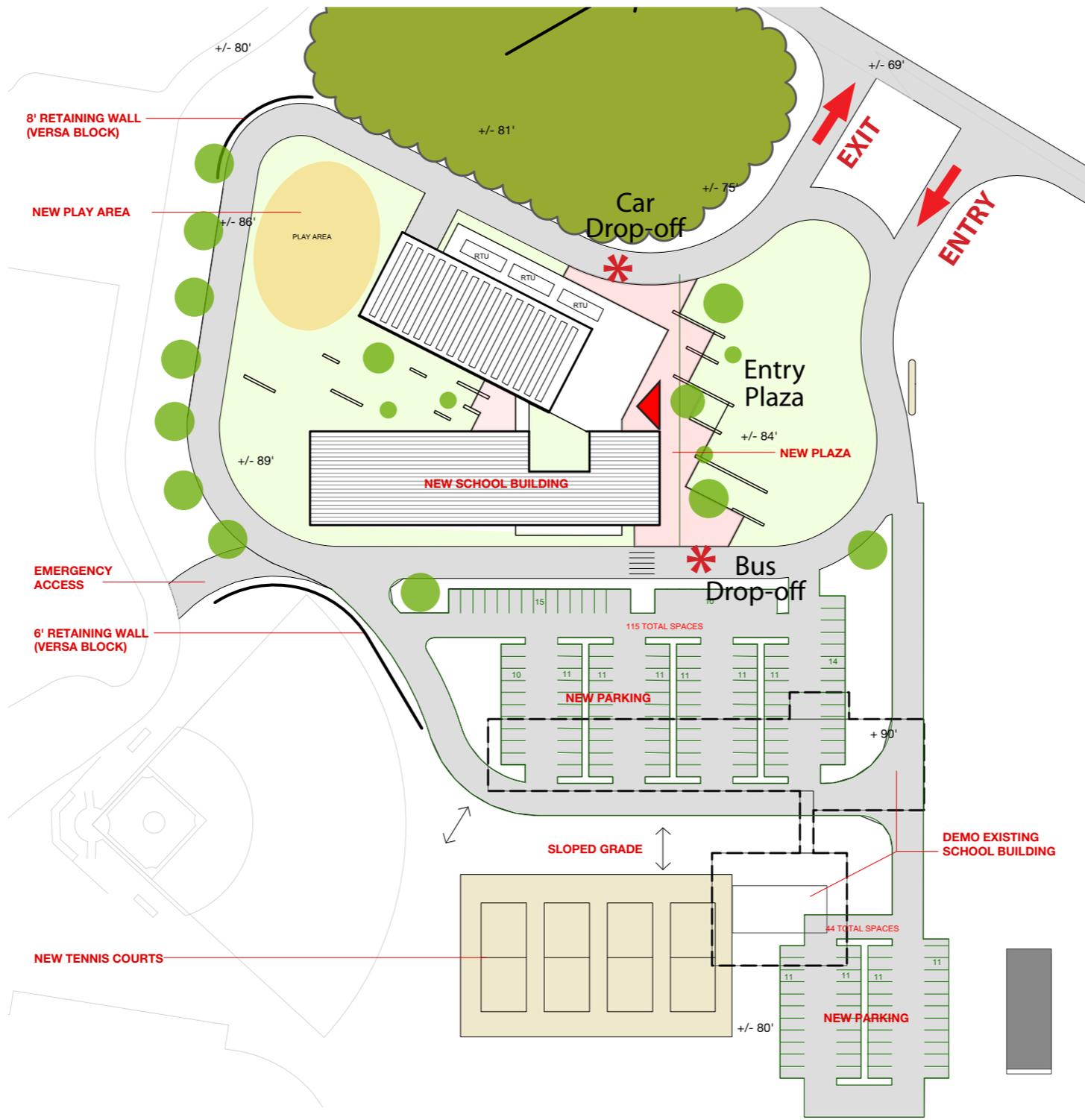
Program Areas - OPTION 1: 250 enrollment

PROGRAM	GRADES K-4
Core Academic	14,400
Special Education	3,020
Art & Music	2,225
Health & Physical Education	6,300
Media Center	2,020
Technology (computer)	1,000
Dining & Food Service	4,875
Medical	410
Administration & Guidance	2,015
Custodial & Maintenance	1,900
Subtotal NSF	38,165 NSF
Grossing Factor	x 1.5
Total GSF	57,248 GSF
Number of Students	250 Students

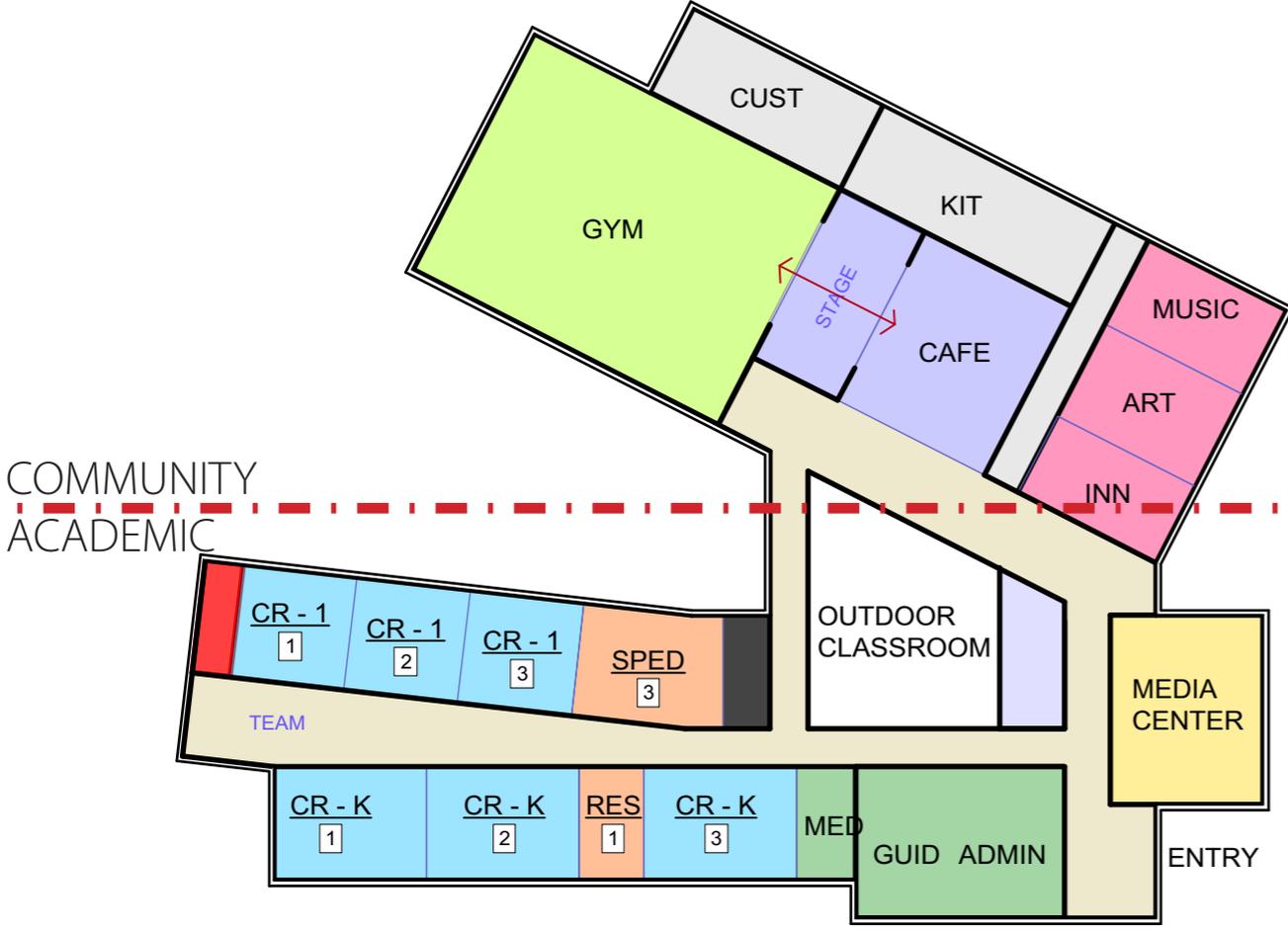
Adjacency Diagram - OPTION 1: 250 enrollment



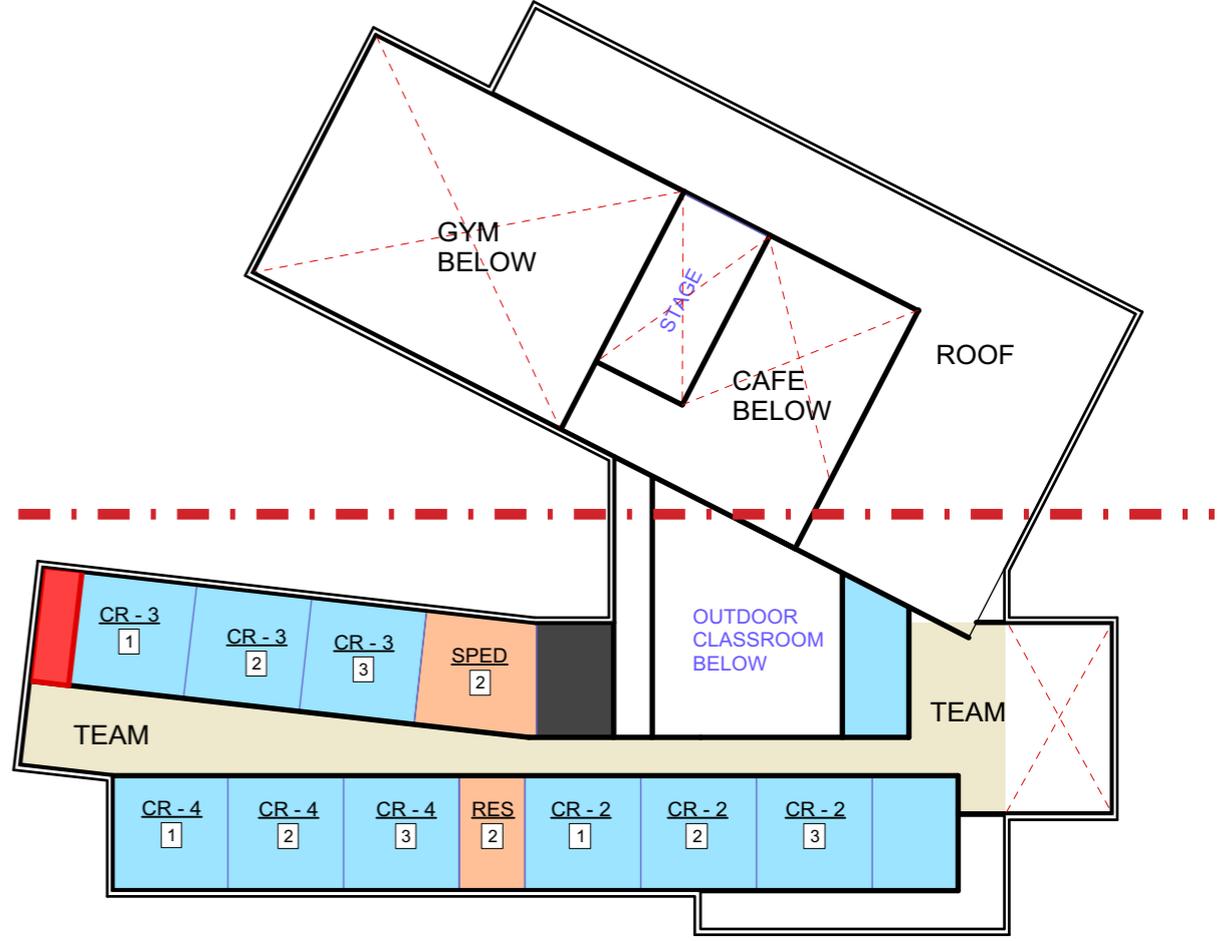
Peebles New Construction Option 1A



Peebles New Construction Option 1A

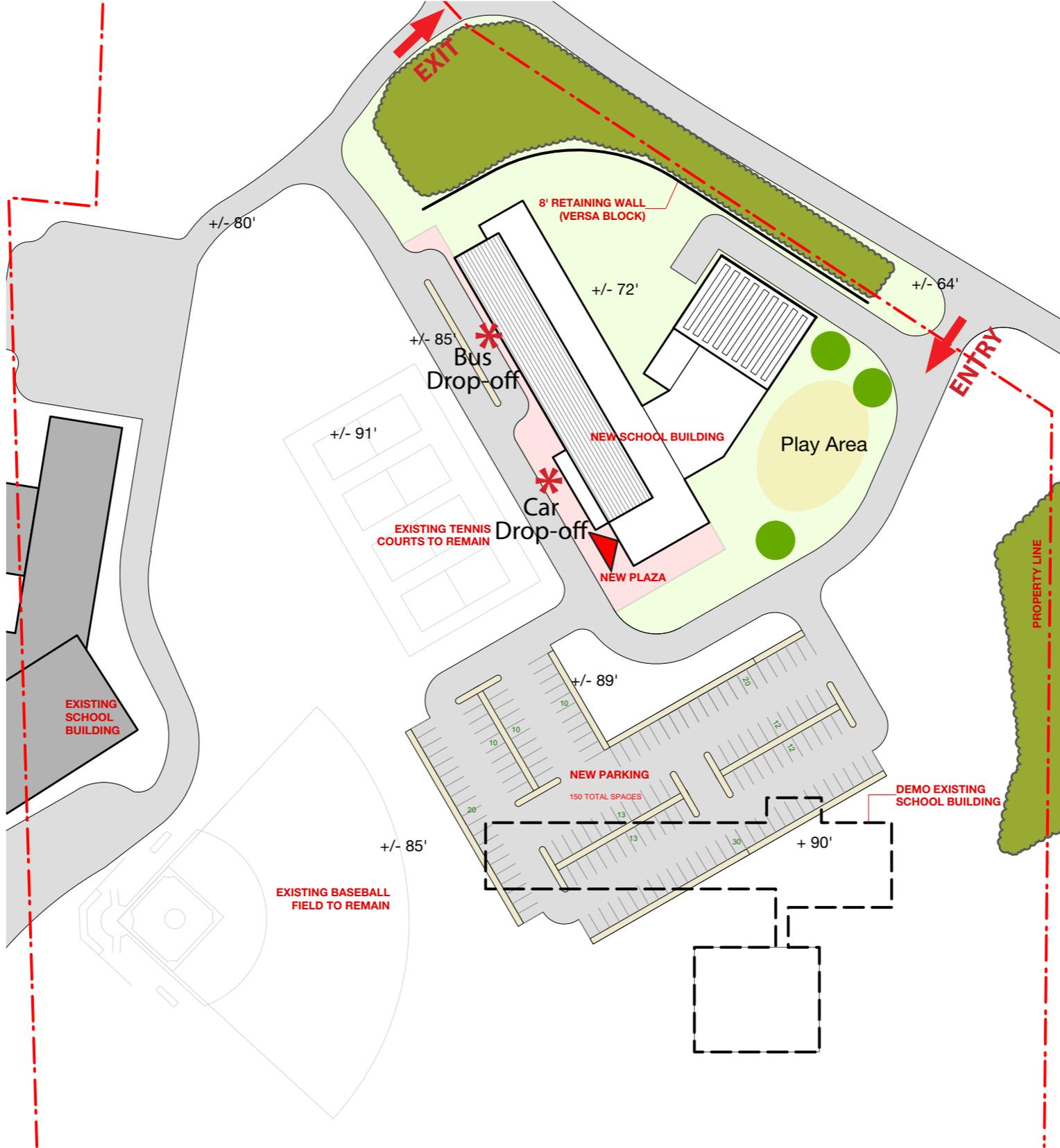


FIRST FLOOR PLAN

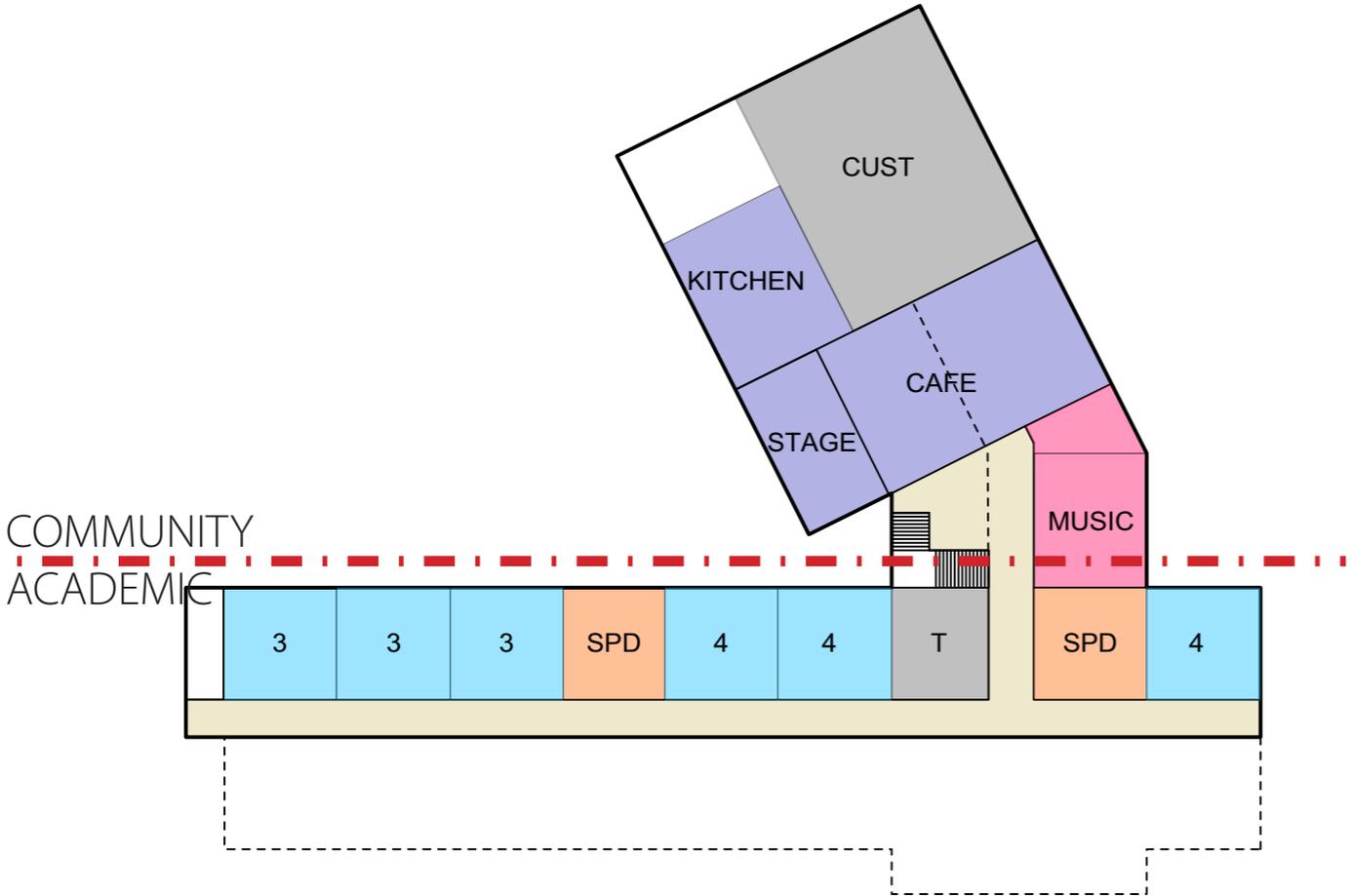


SECOND FLOOR PLAN

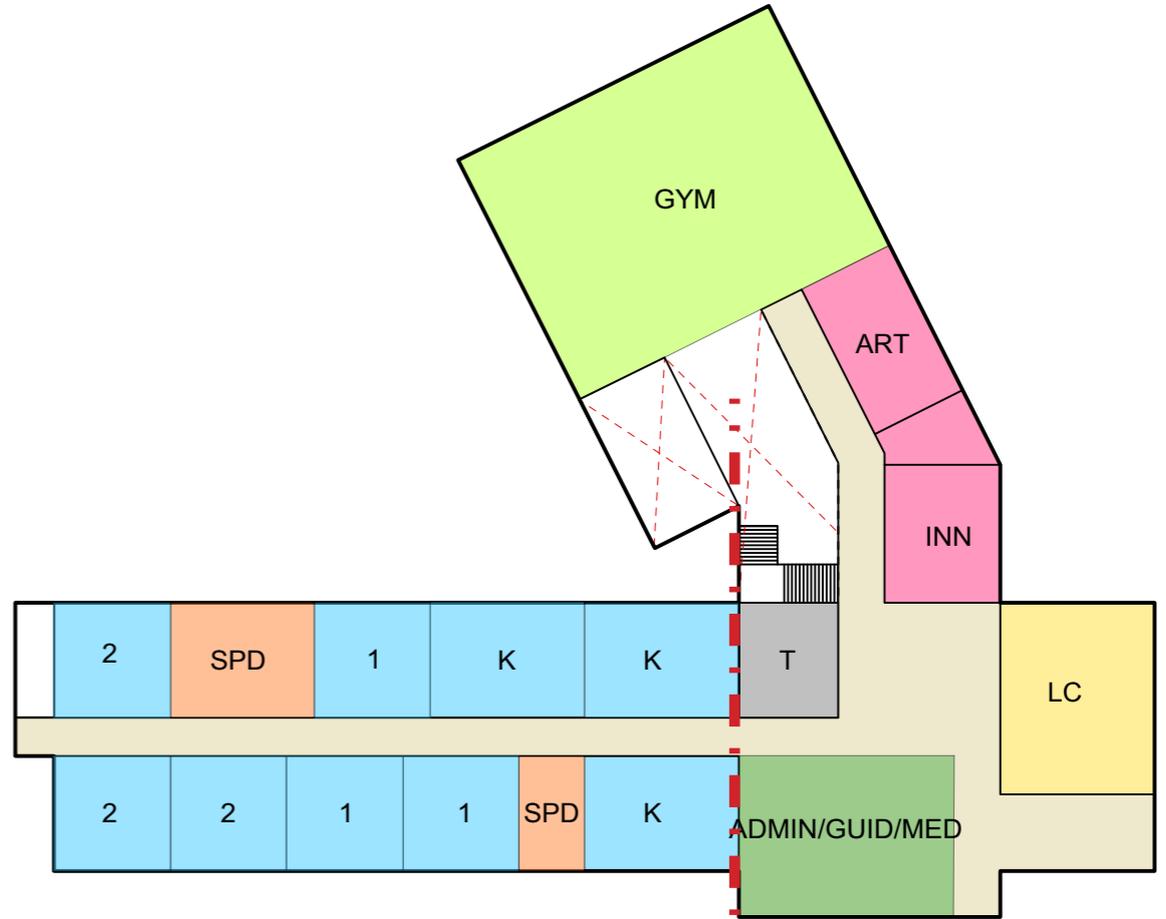
Peebles New Construction Option 1B



Peebles New Construction Option 1B



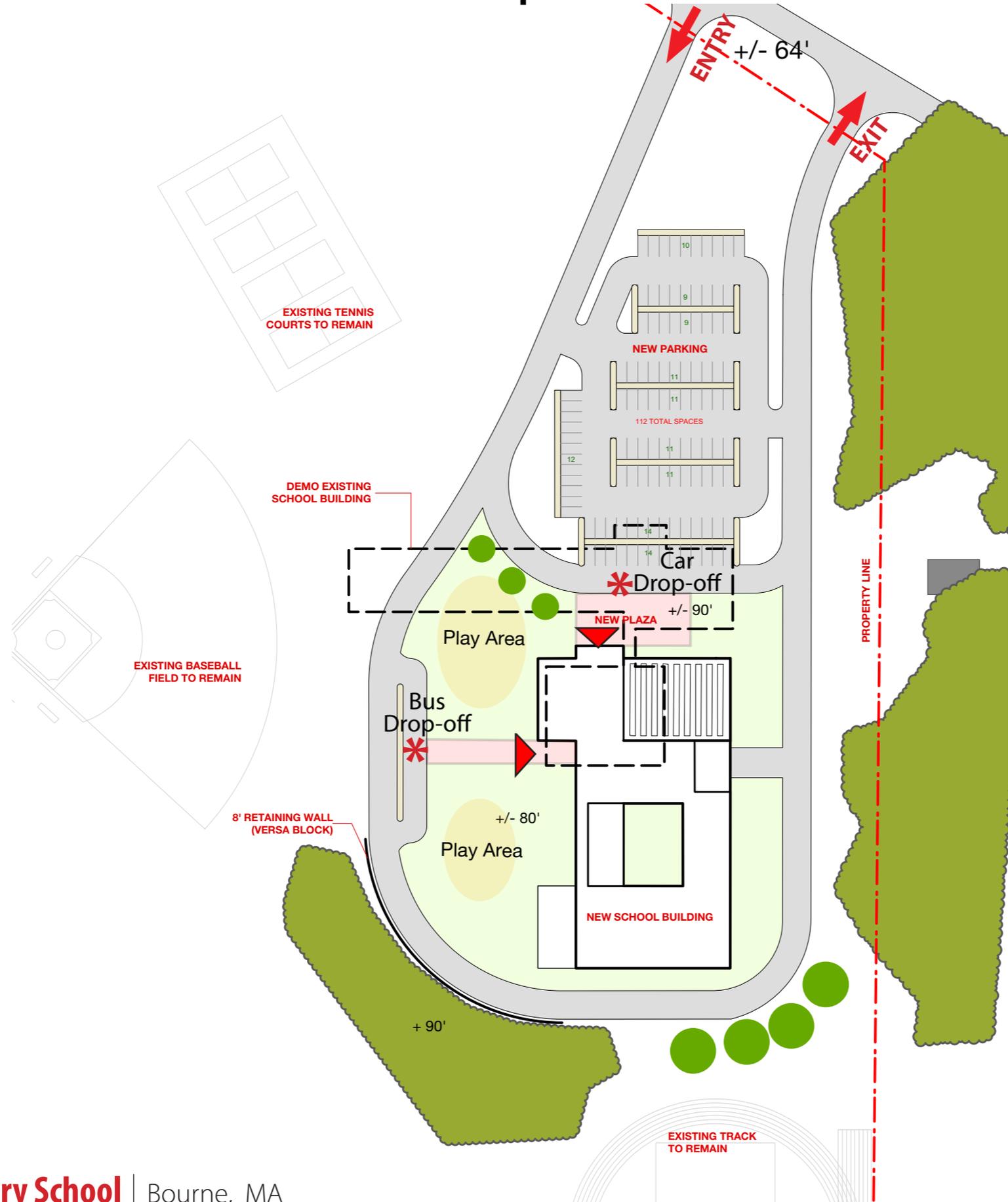
FIRST FLOOR PLAN



SECOND FLOOR PLAN

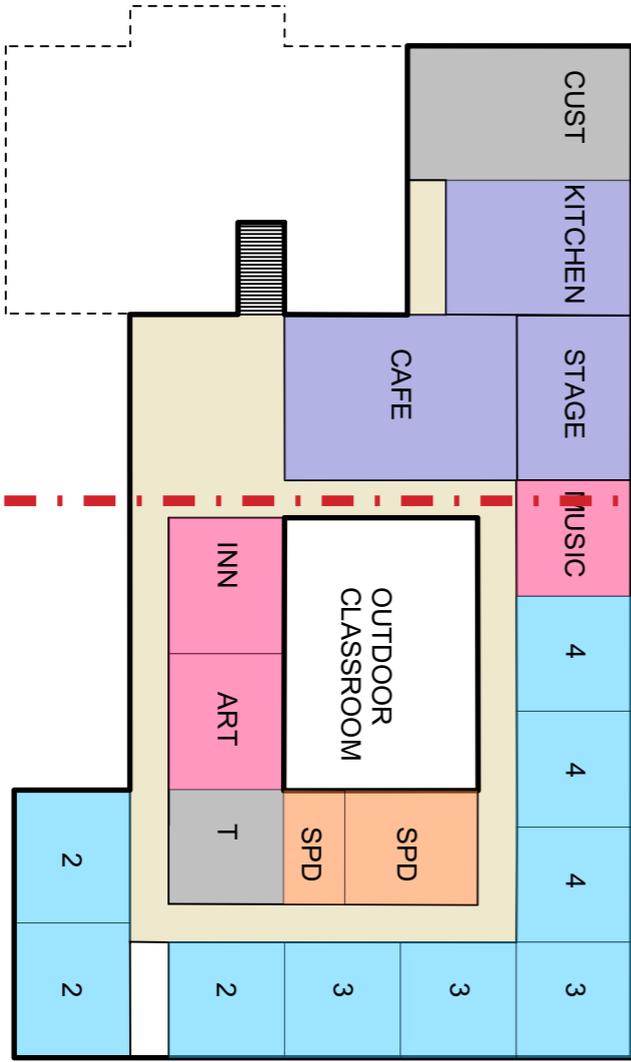
COMMUNITY
ACADEMIC

Peebles New Construction Option 1C

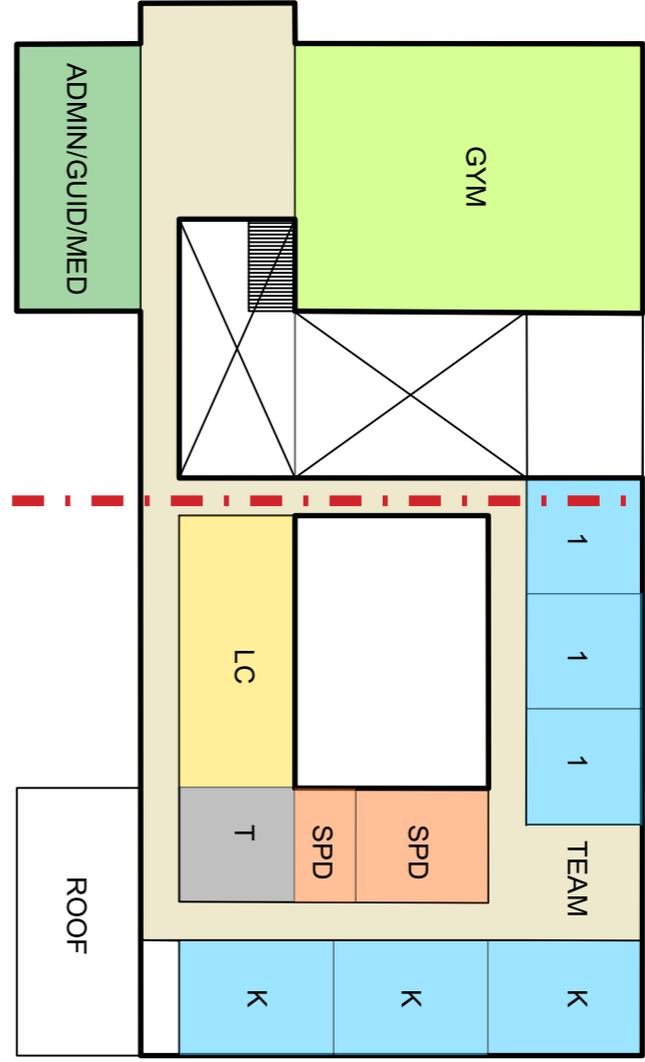


Peebles New Construction Option 1C

COMMUNITY
ACADEMIC



FIRST FLOOR PLAN



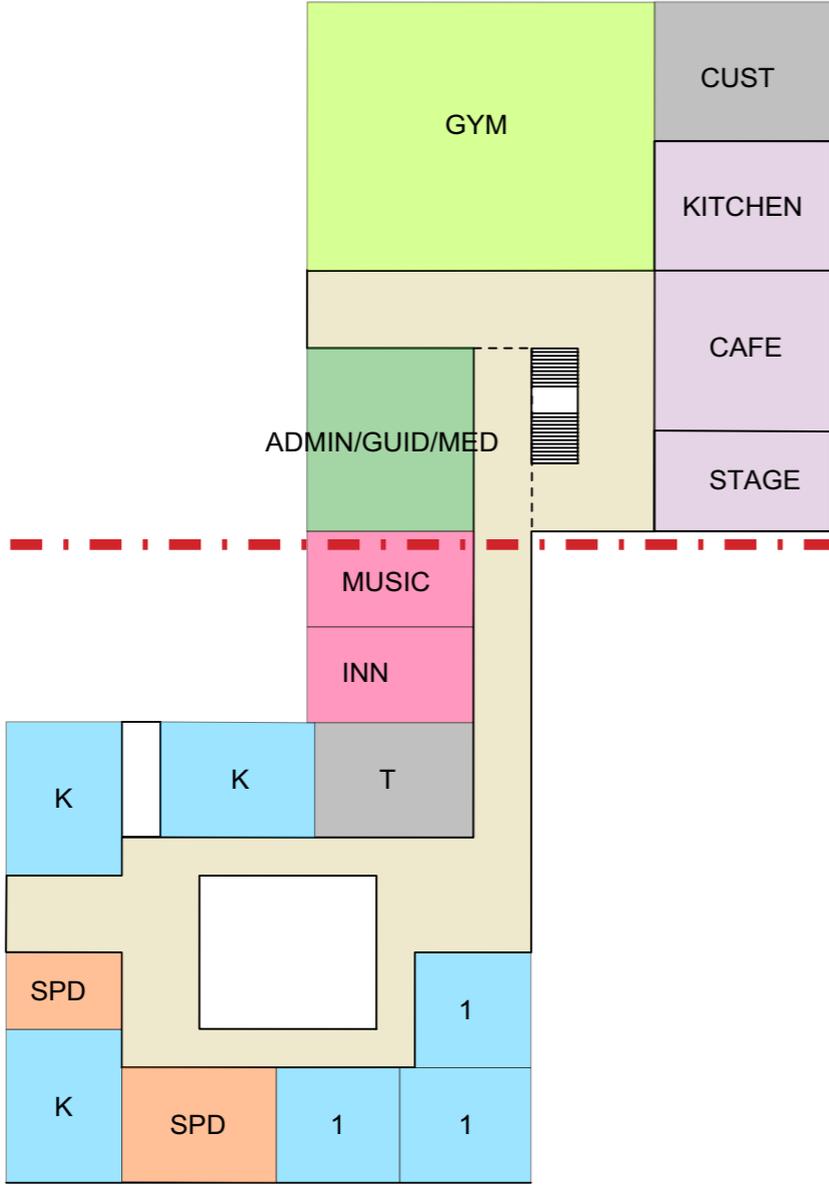
SECOND FLOOR PLAN

Peebles New Construction Option 1D

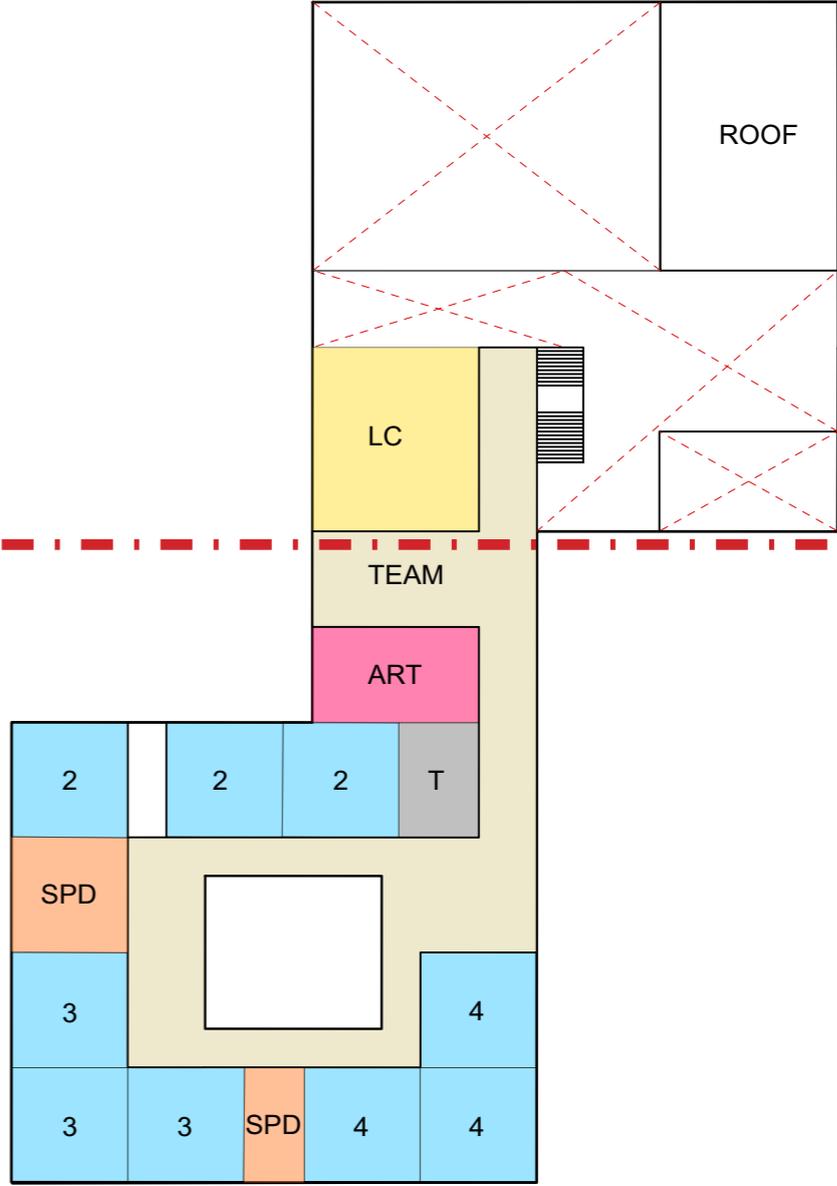


Peebles New Construction Option 1D

COMMUNITY
ACADEMIC

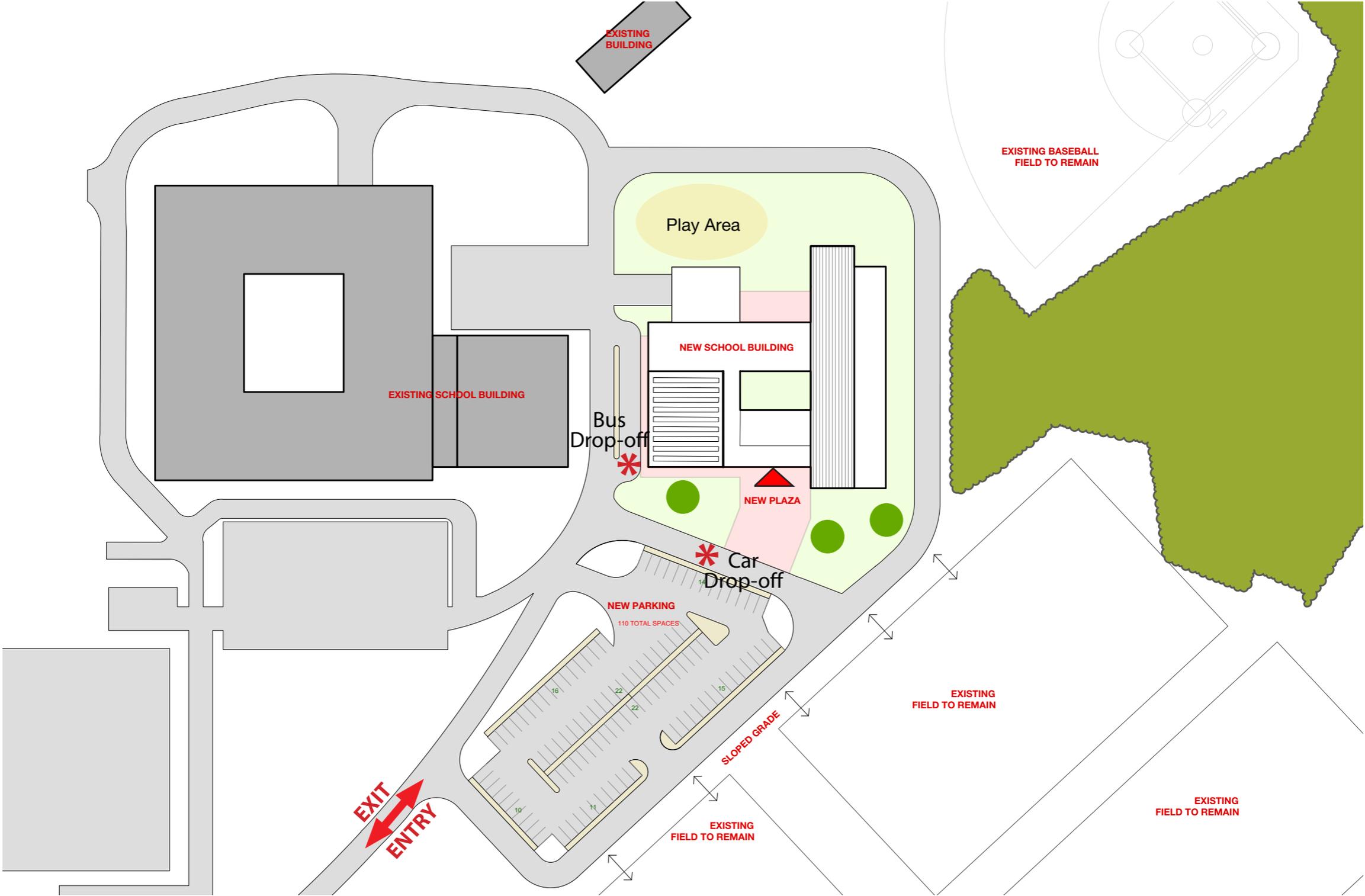


FIRST FLOOR PLAN

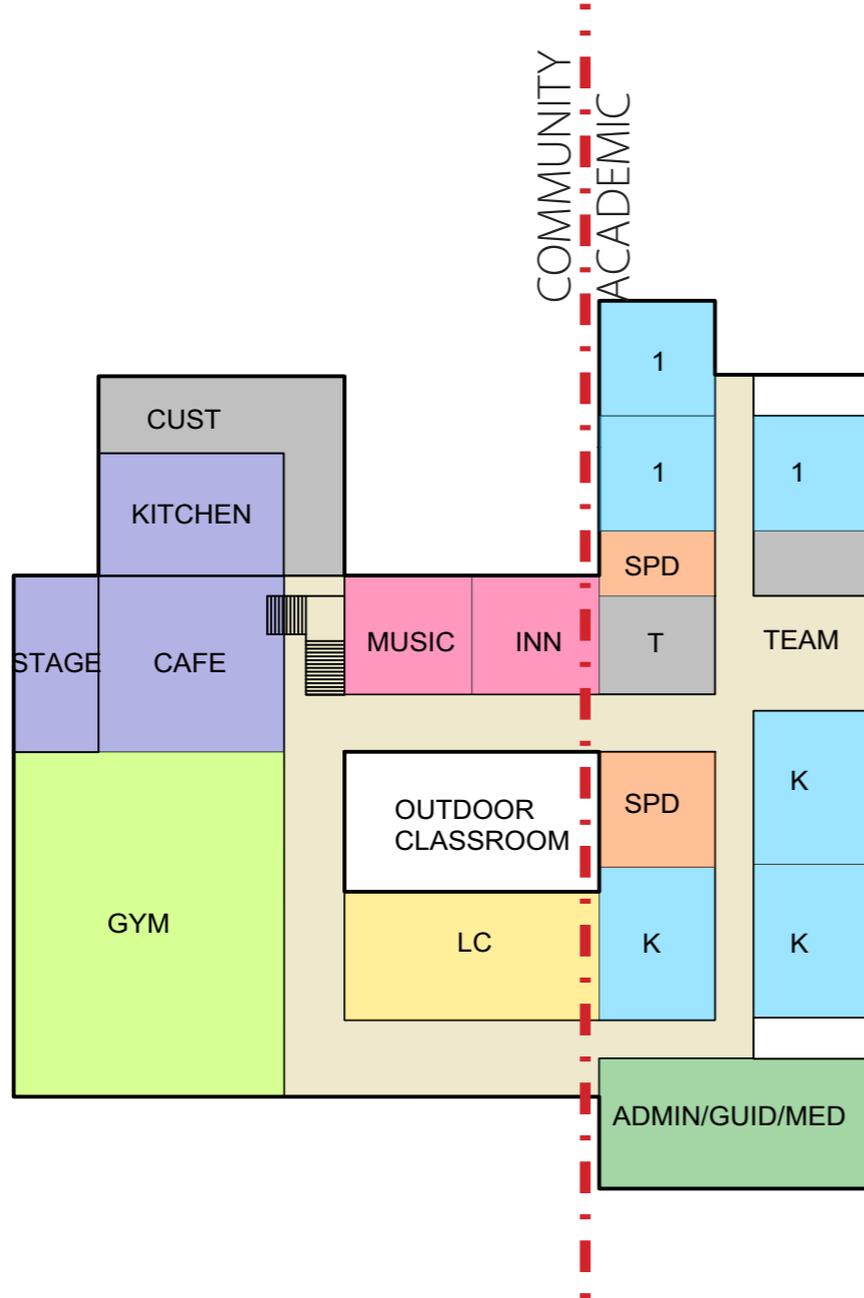


SECOND FLOOR PLAN

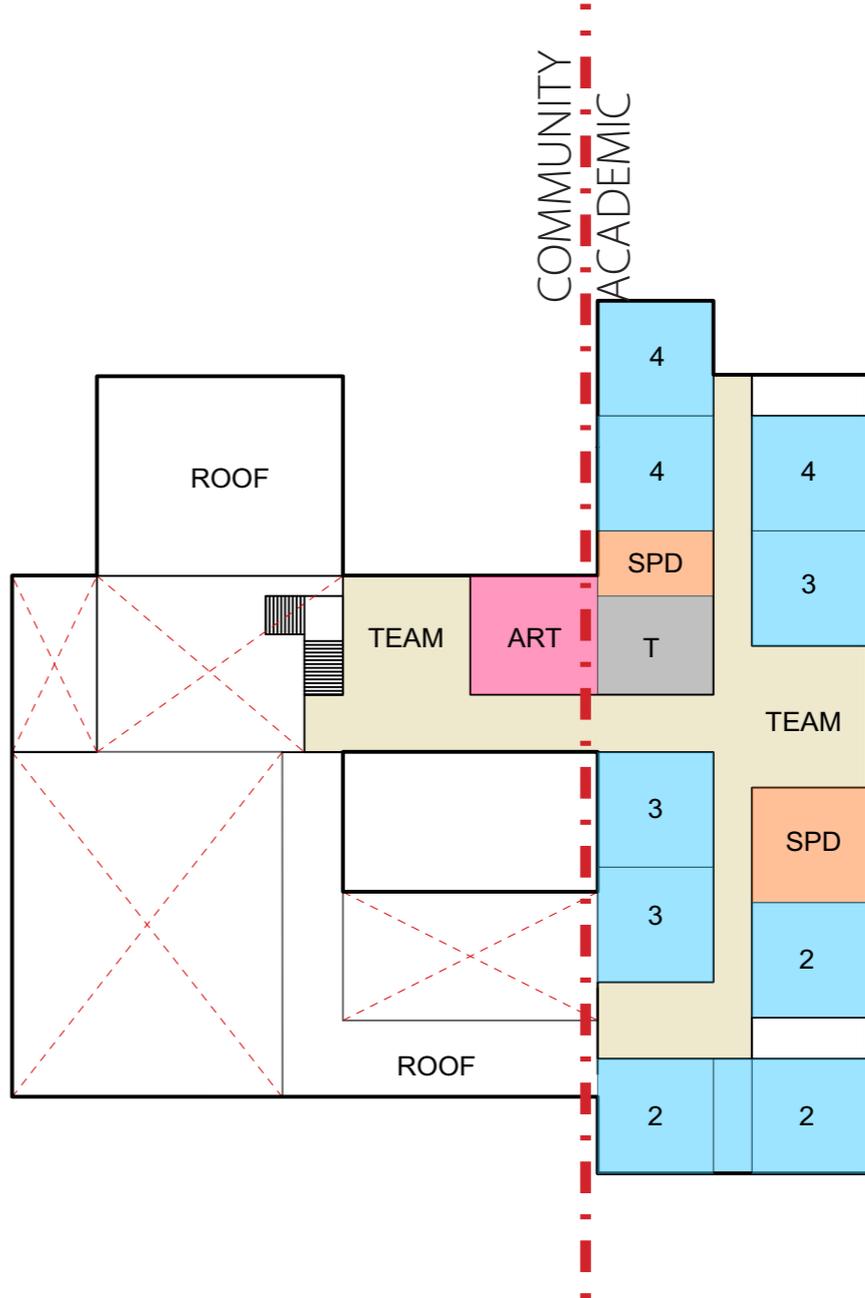
Peebles New Construction Option 1E



Peebles New Construction Option 1E

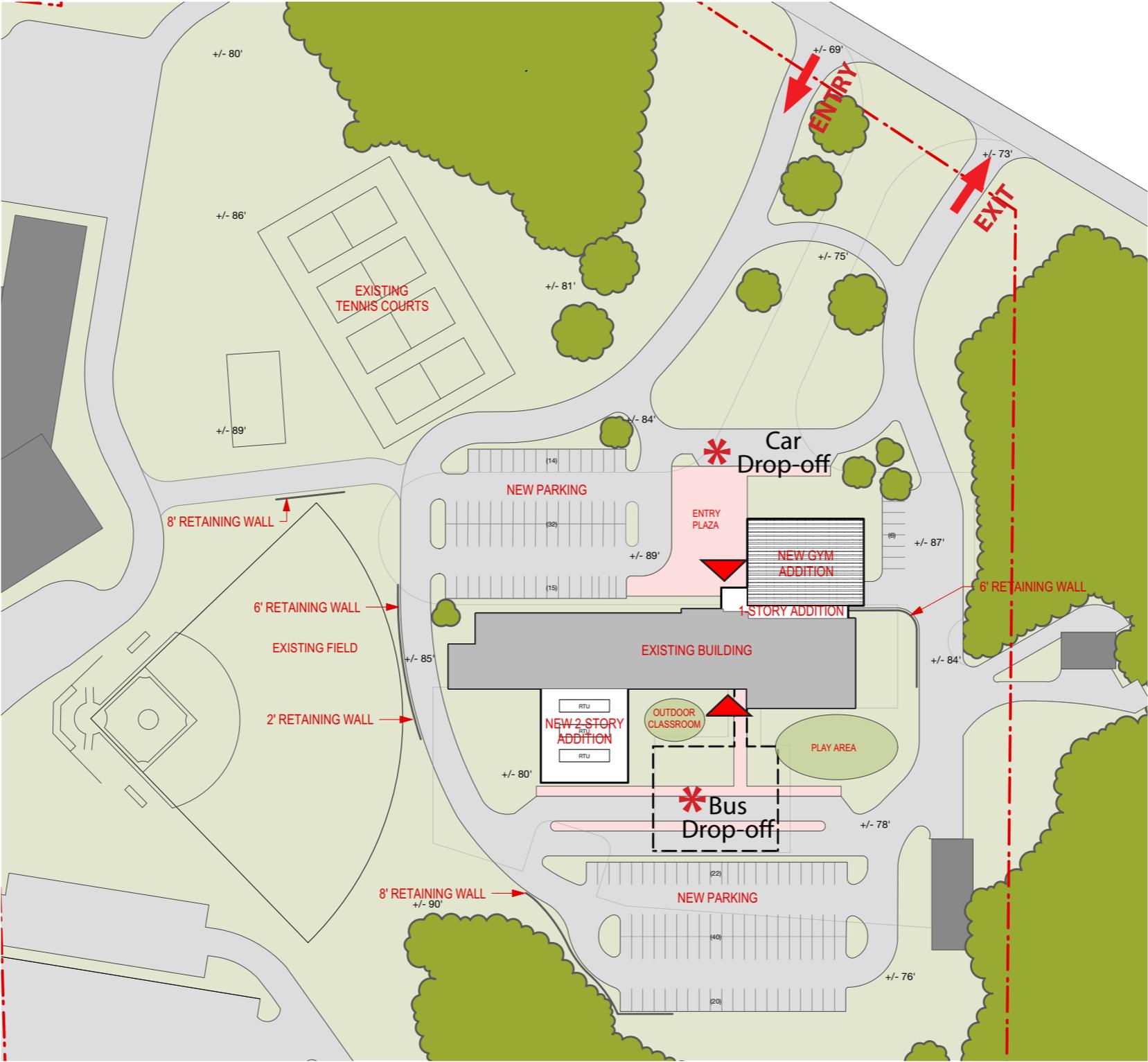


FIRST FLOOR PLAN



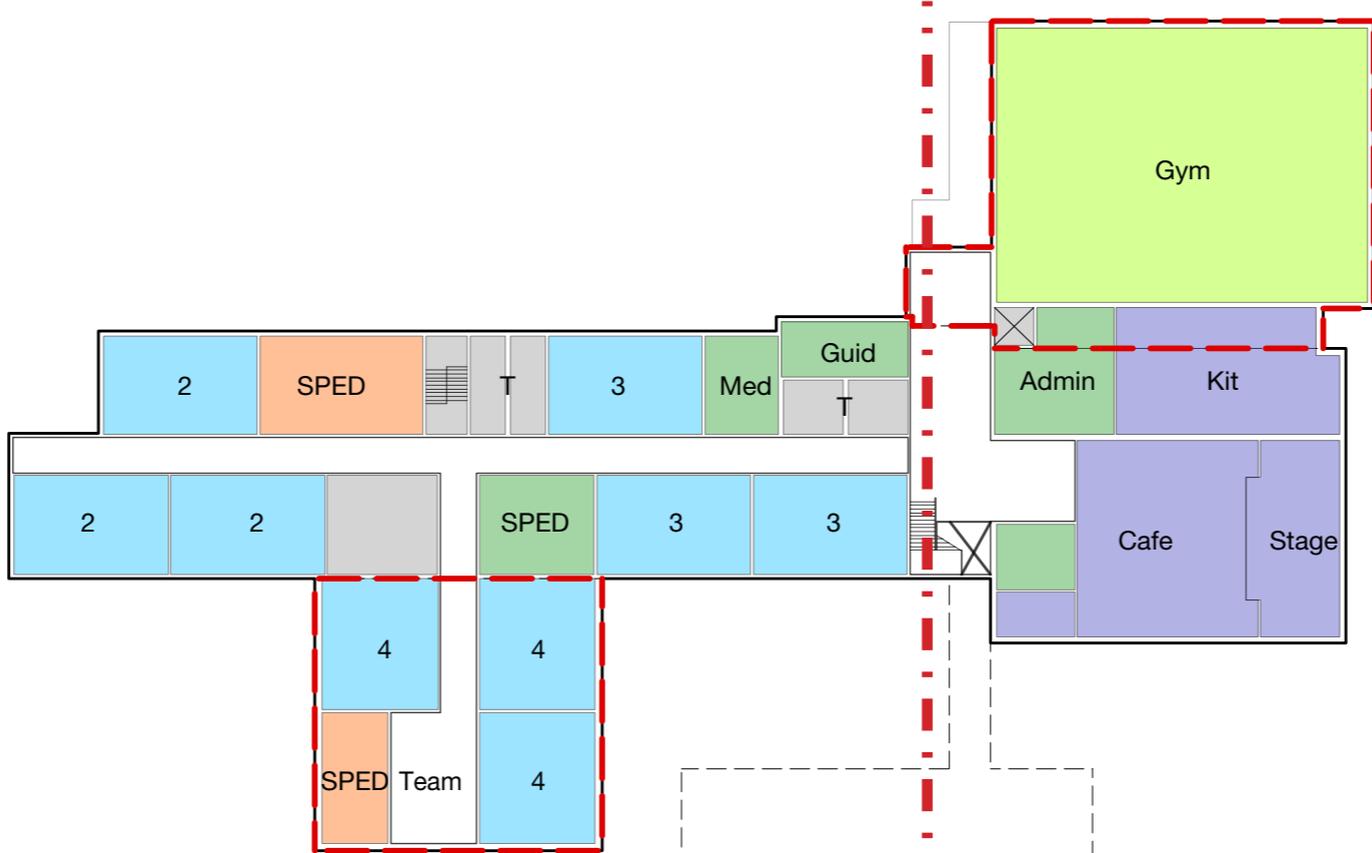
SECOND FLOOR PLAN

Peebles Addition / Renovation Option 1F

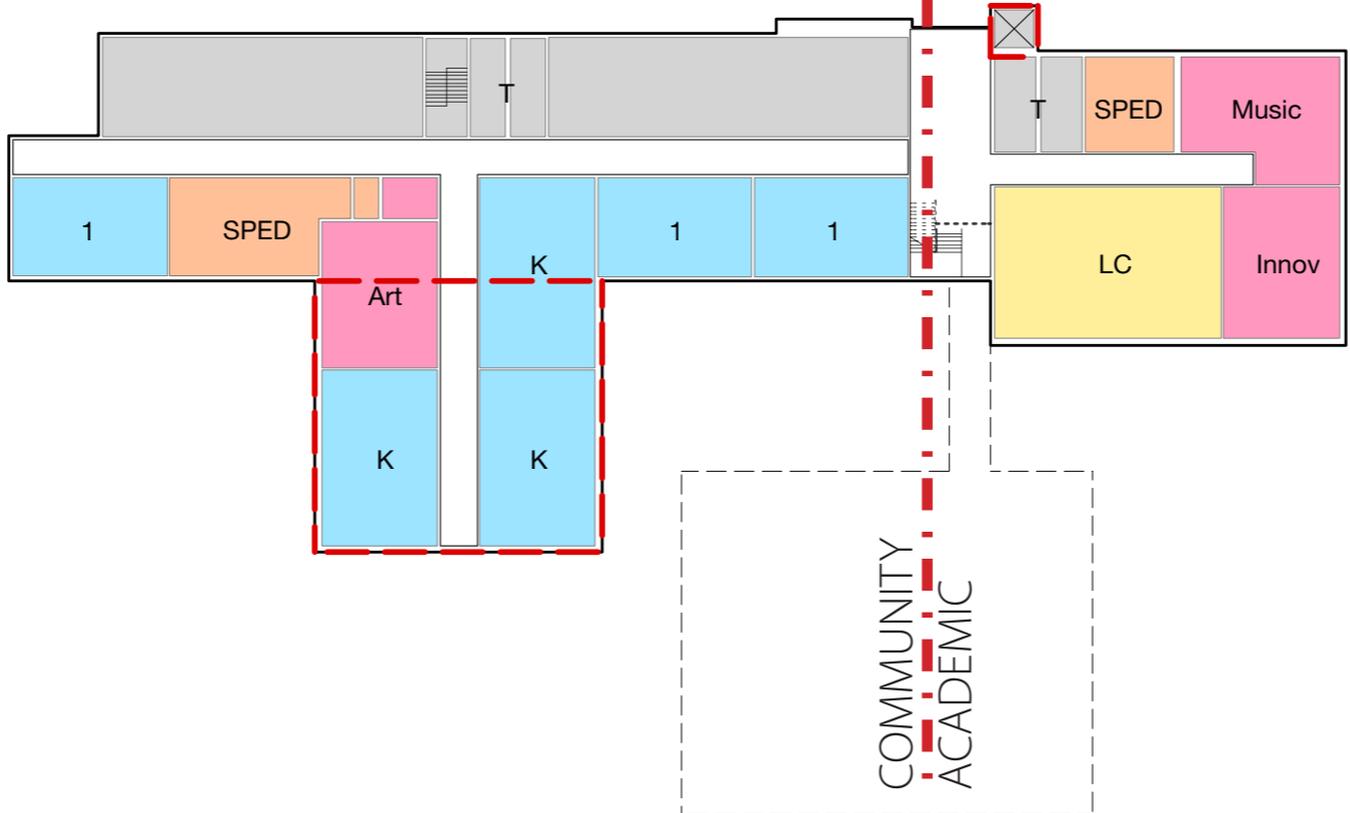


Peebles Addition / Renovation Option 1F

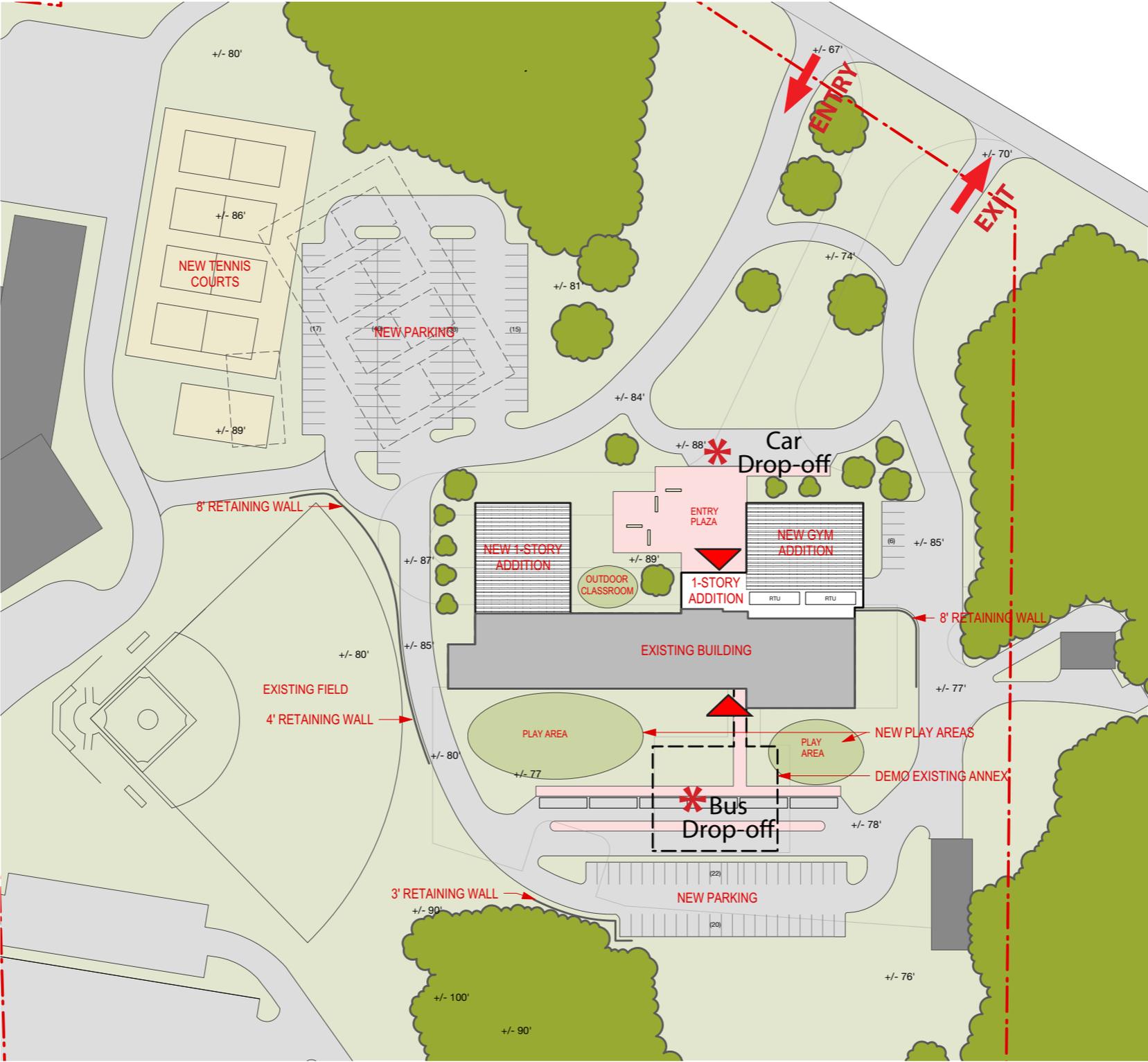
SECOND FLOOR PLAN



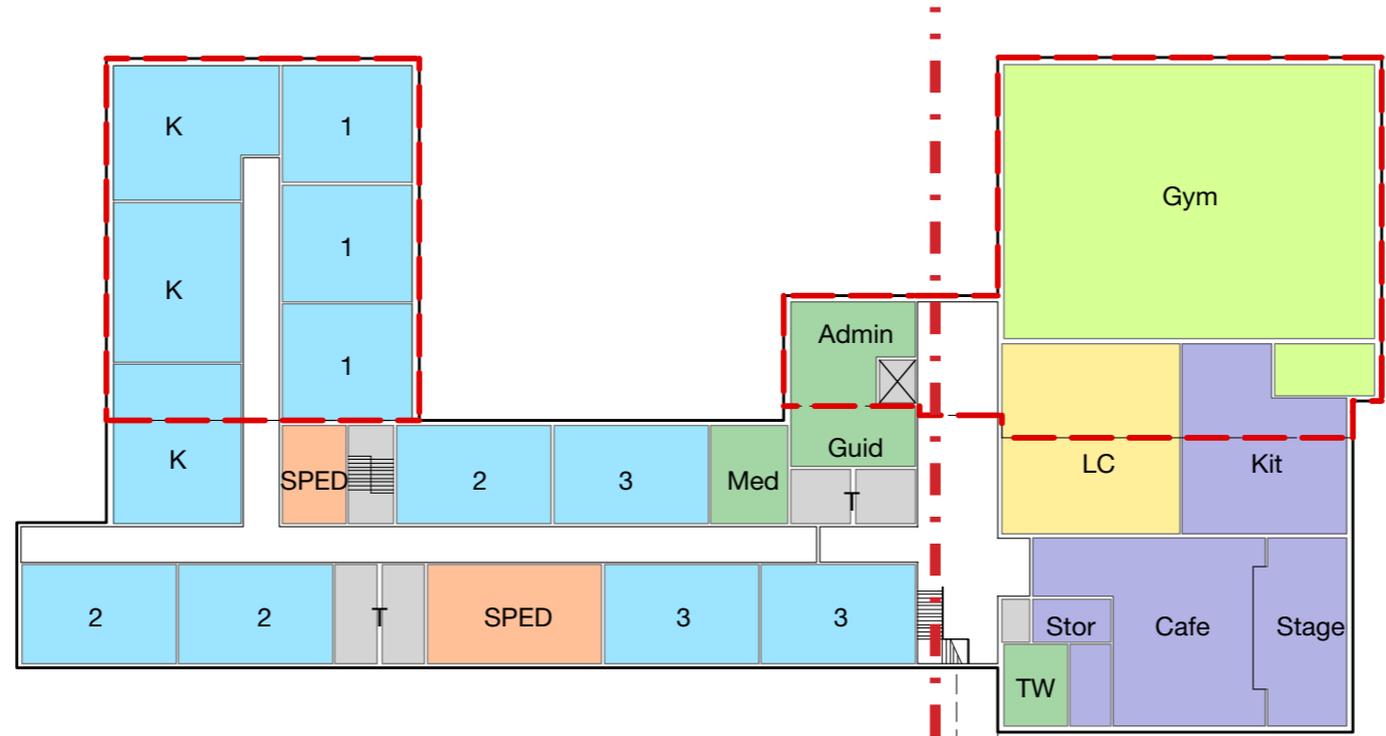
FIRST FLOOR PLAN



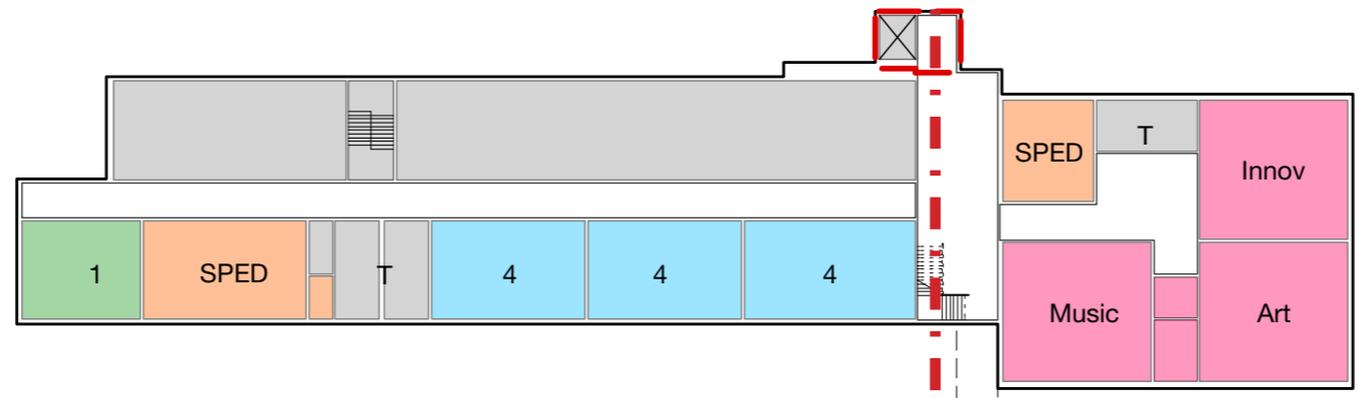
Peebles Addition / Renovation Option 1G



Peebles Addition / Renovation Option 1G



SECOND FLOOR PLAN



FIRST FLOOR PLAN



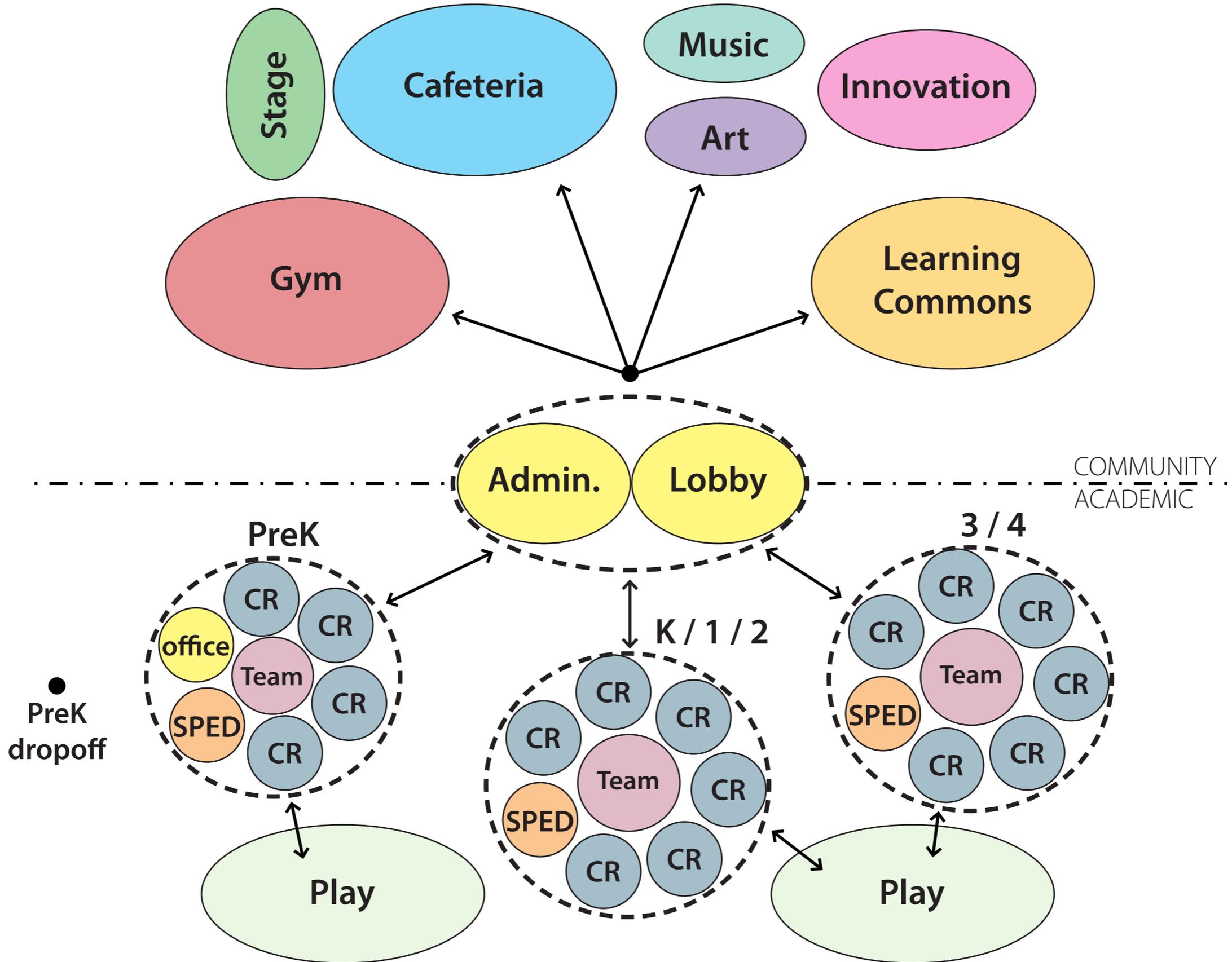
Bournedale Campus



Program Areas - OPTION 2: 725 enrollment

PROGRAM	GRADES PreK-4
Core Academic	37,090
Special Education	8,050
Art & Music	4,465
Health & Physical Education	6,300
Media Center	3,933
Technology (computer)	1,000
Dining & Food Service	9,185
Medical	610
Administration & Guidance	2,711
Custodial & Maintenance	2,325
Subtotal NSF	76,395 NSF
Grossing Factor	x 1.5
Total GSF	114,593 GSF
Number of Students	725 Students

Adjacency Diagram - OPTION 2: 725 enrollment



Bournedale Option 2A



Bournedale Option 2A



FIRST FLOOR PLAN



SECOND FLOOR PLAN

Bournedale Option 2B



Bournedale Option 2B

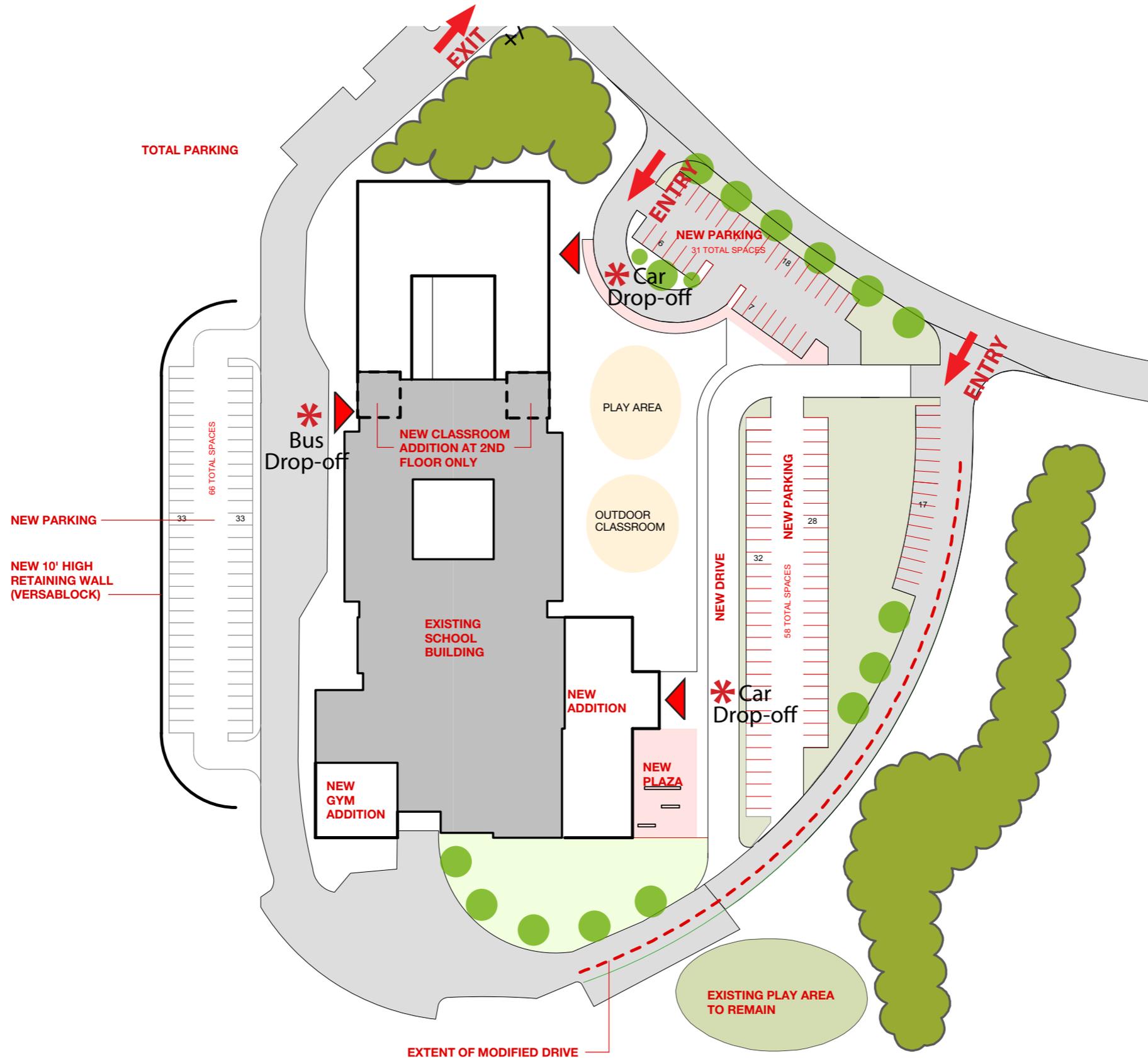


FIRST FLOOR PLAN



SECOND FLOOR PLAN

Bournedale Option 2C



Bournedale Option 2C

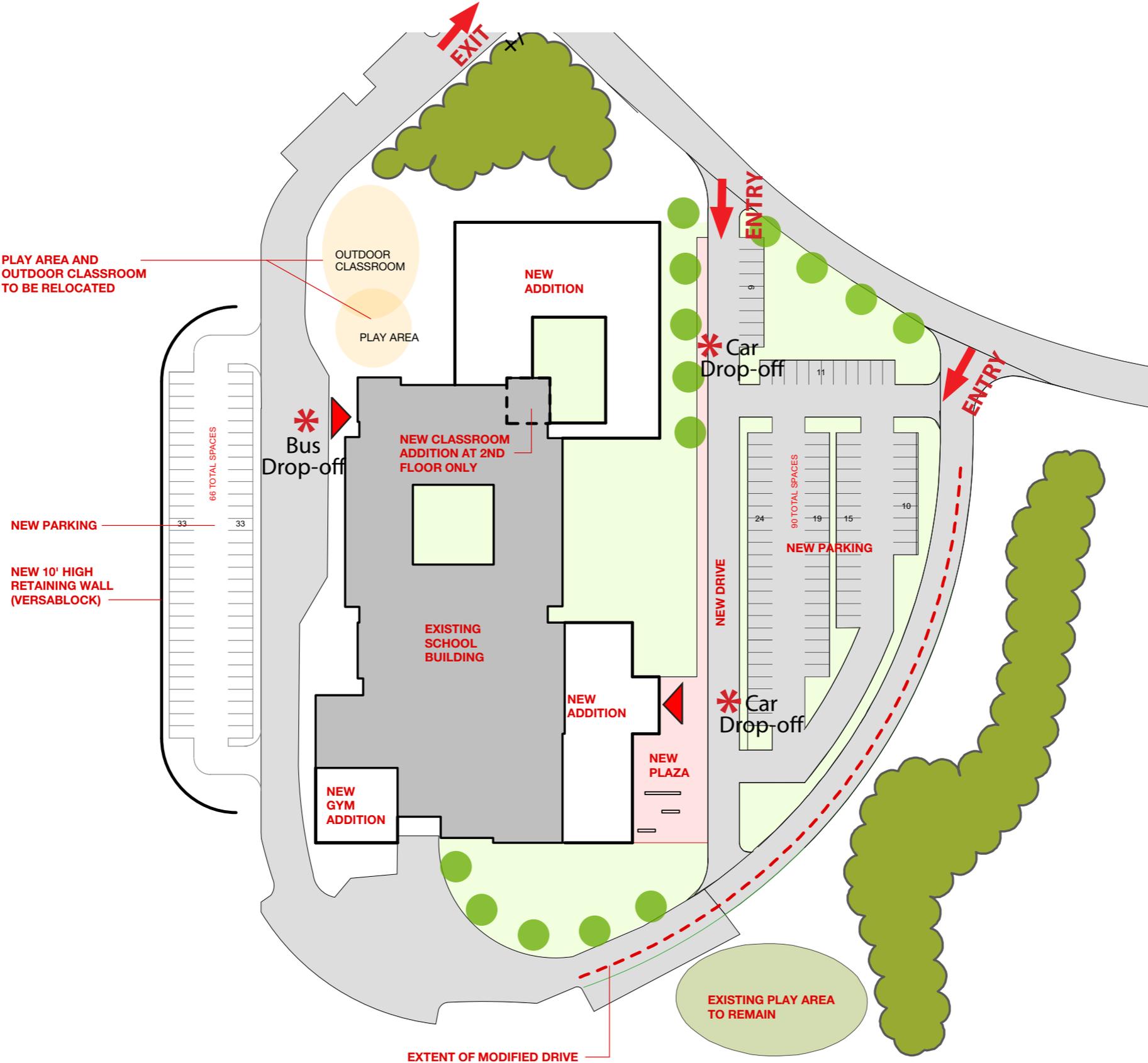


FIRST FLOOR PLAN



SECOND FLOOR PLAN

Bournedale Option 2D



Bournedale Option 2D



FIRST FLOOR PLAN

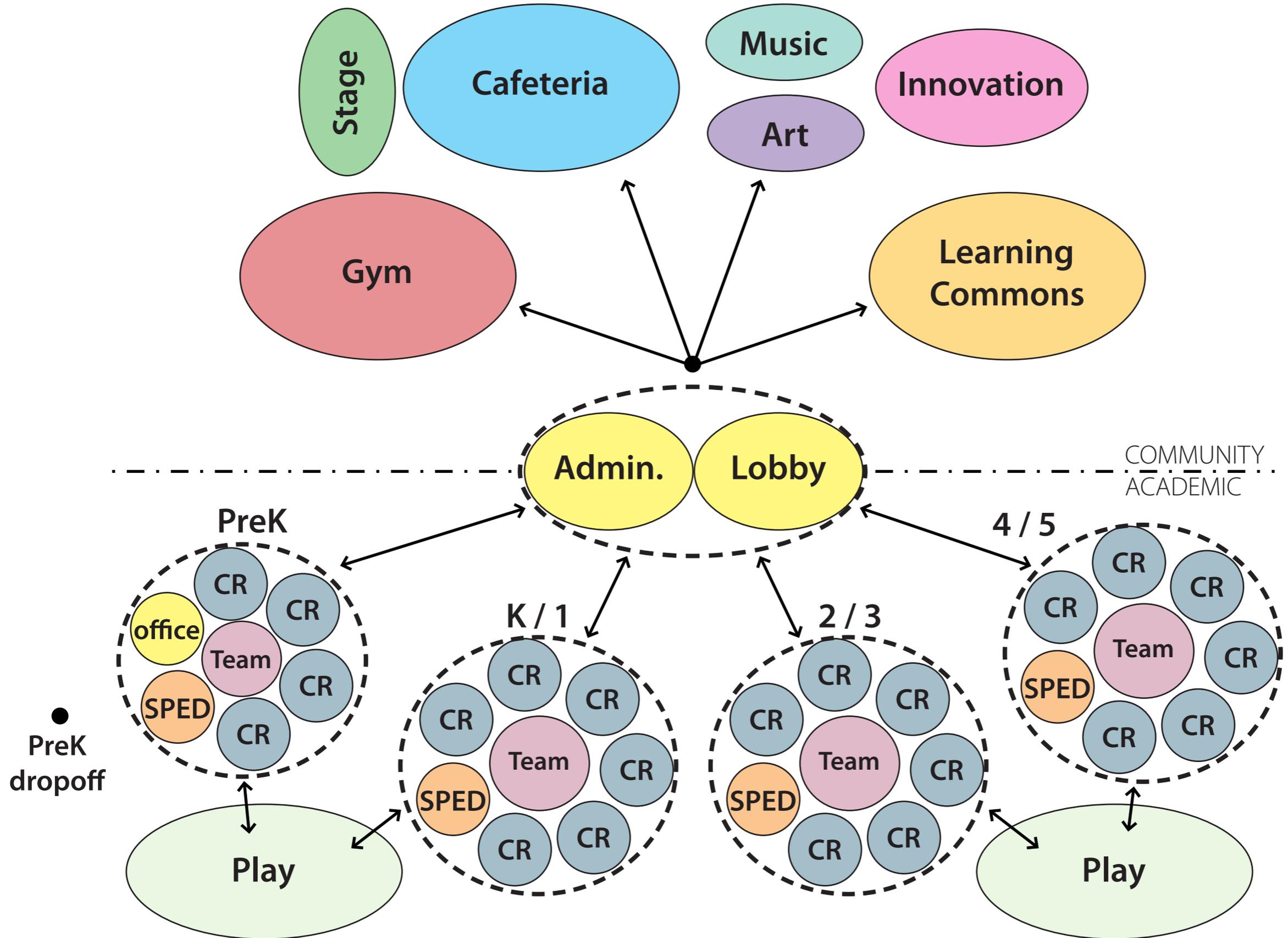


SECOND FLOOR PLAN

Program Areas - OPTION 3: 885 enrollment

PROGRAM	GRADES PreK-5
Core Academic	43,390
Special Education	9,060
Art & Music	5,690
Health & Physical Education	6,300
Media Center	4,653
Technology (computer)	1,000
Dining & Food Service	11,204
Medical	710
Administration & Guidance	3,021
Custodial & Maintenance	2,485
Subtotal NSF	87,513 NSF
Grossing Factor	x 1.5
Total GSF	131,382 GSF
Number of Students	885 Students

Adjacency Diagram - OPTION 3: 885 enrollment



Bournedale Option 3A



Bournedale Option 3A



FIRST FLOOR PLAN



SECOND FLOOR PLAN

Bournedale Option 3B



Bournedale Option 3B

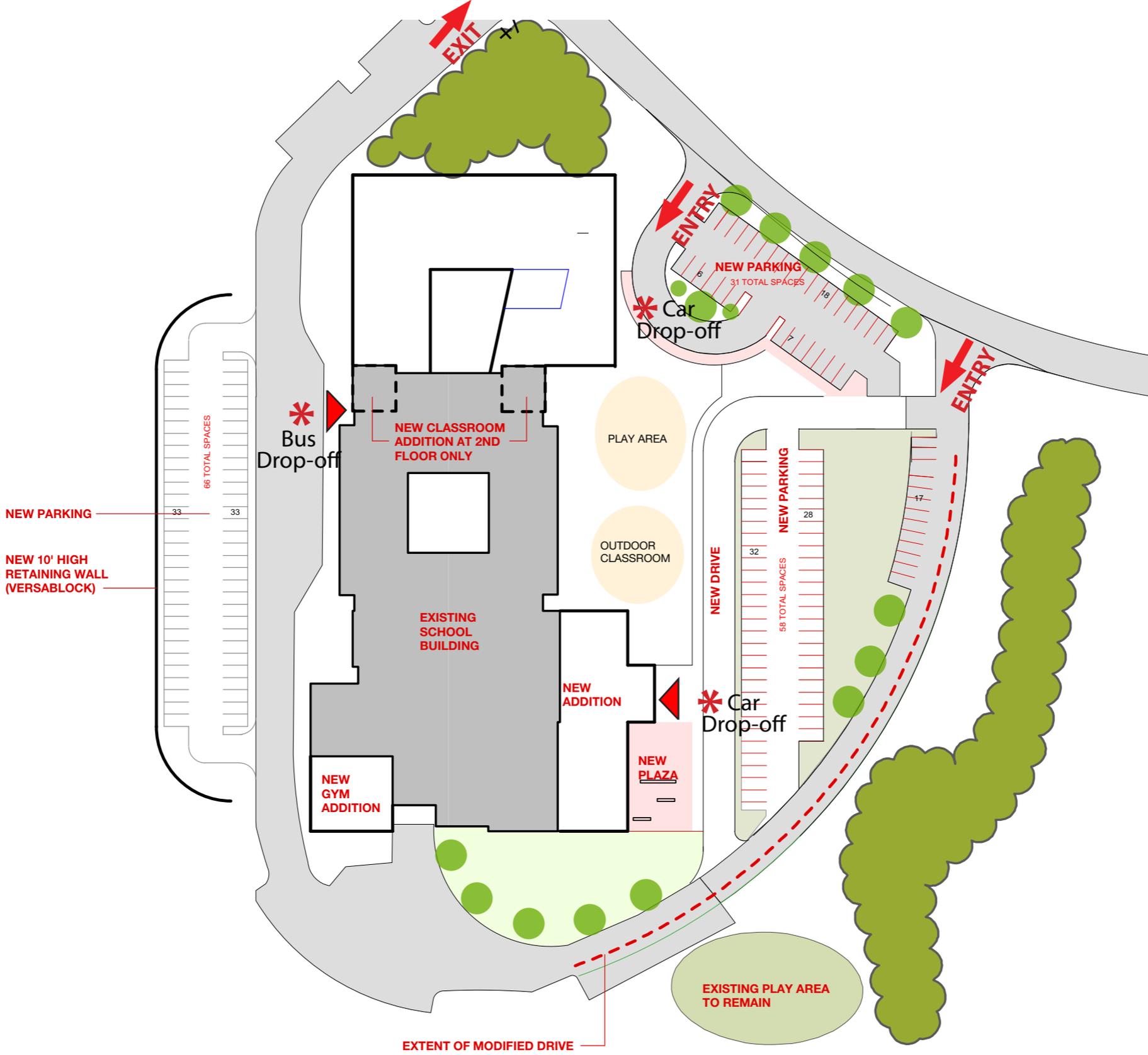


FIRST FLOOR PLAN



SECOND FLOOR PLAN

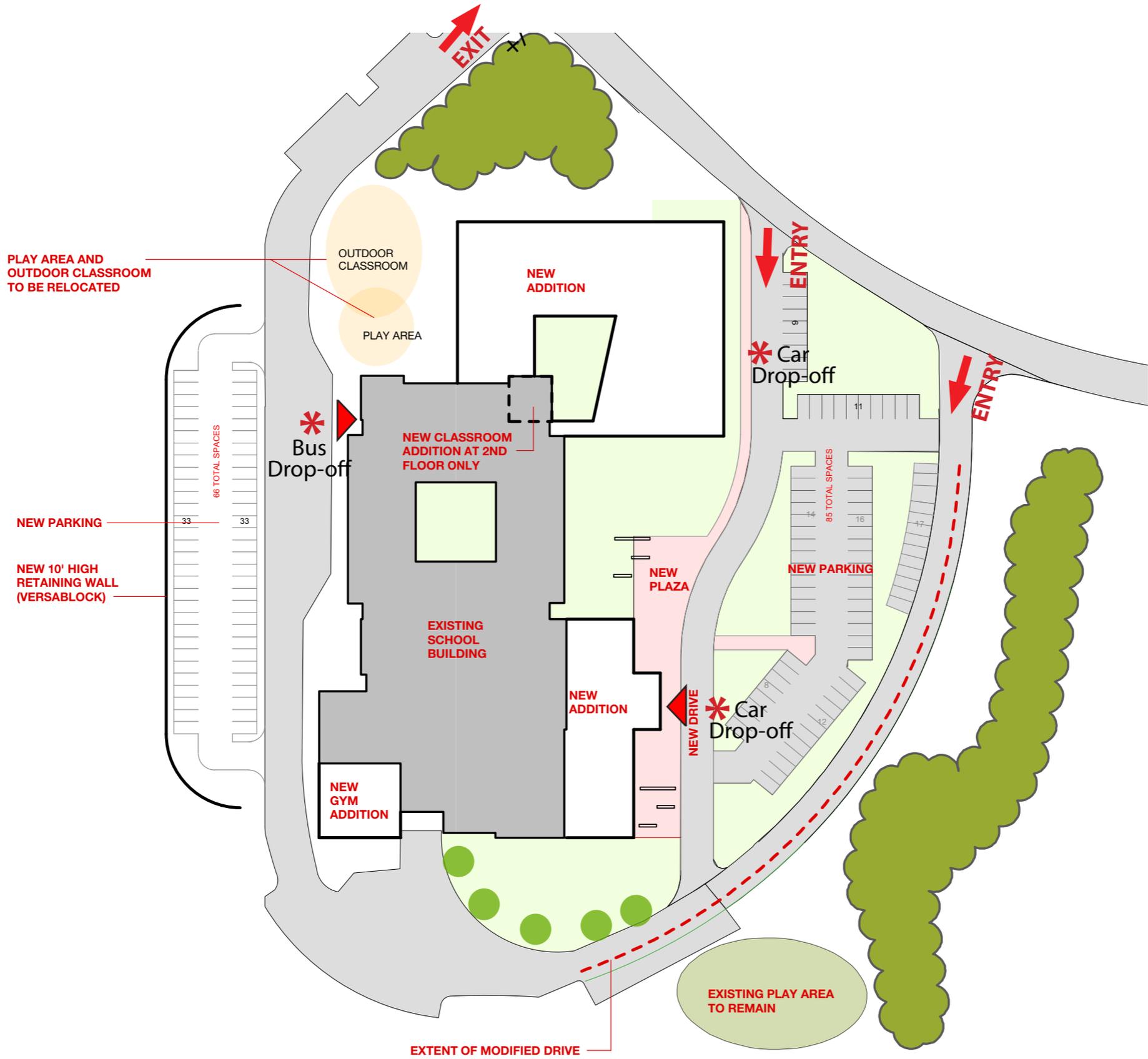
Bournedale Option 3C



Bournedale Option 3C



Bournedale Option 3D



Bournedale Option 3D



FIRST FLOOR PLAN



SECOND FLOOR PLAN

SUSTAINABLE DESIGN

Sustainable Design

LEED or MA-CHPS programs

2% additional MSBA reimbursement

Achieve LEED Silver or MA-CHPS “leader”

Minimum total points required

Creates a healthier, more efficient School

1. Sustainable Sites

Alternative transportation

Storm water control (Qty & Quality)

Reduce Heat Island effect

Minimize light pollution

Reduce impact on the environment

2. Water Saving Features

Water use reduction

Low flow plumbing fixtures

Sensor operated faucets & toilets

Minimize lawn irrigation

Potential rainwater capture

3. Energy Efficiency

Highly insulated walls and roof

High performance windows

Energy management system

High efficiency boilers & equipment

Renewable energy (PVs, Wind, etc...)

4. Materials and Resources

Recycling program

Construction waste management

Recycled content of materials

Rapidly renewable materials

Certified wood

5. Indoor Environmental Quality

Proper acoustical environments

Fresh and filtered air

Low emitting materials

Lighting and thermal control

Daylighting and views

Summary

Minimize site impact on environment

Water conservation

Energy efficiency

Responsible use of Materials

Healthy indoor environment

Steps Required

Decision to pursue 2% add'l reimb.

Scorecard with points to pursue

Register Project - fee

Document points at each phase

Submissions at CDs & end of Construction