

PROJECT MINUTES

Project:	New Peebles Elementary School	Project No.:	15041
Prepared by:	Joel Seeley	Meeting Date:	3/16/2017
Re:	School Building Committee Meeting	Meeting No:	36
Location:	Bourne High School	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
✓	Natasha Scarpato	Member, School Committee	Voting Member
✓	Donna Buckley	Member at Large	Voting Member
✓	Richard A. Lavoie	Finance Committee	Voting Member
	William Meier	Building Trade Expert	Voting Member
		Member at Large	Voting Member
✓	Frederick H. Howe	Board of Health, Vice-Chairman School Building Committee	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
✓	Paul O'Keefe	Local Official Responsible for Building Maintenance	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	
✓	Bill Beatrice	FAI, Architect	
✓	Mike Dowhan	Waterman Design Associates	
✓	Joel Seeley	SMMA, OPM	

Item #	Action	Discussion
36.1	Record	Call to Order, 6:45 PM, meeting opened.
36.2	Record	A motion was made by P. Meier and seconded by F. Howe to approve the 3/2/17 School Building Committee meeting minutes. No discussion, motion passed unanimous by those attending, one abstention.
36.3	Record	J. Seeley distributed and reviewed the Project Budget Status Report, dated 2/28/17, attached.
36.4	Record	Warrant No. 16 was reviewed. A motion was made by P. Meier and seconded by F. Howe to approve Warrant No. 16. No discussion, motion passed unanimous.
36.5	Record	J. Potter provided an overview of the MSBA Design Review meeting held at FAI offices on 3/3/17.
36.6	J. Seeley	K. Kovacs indicated the Interior Materials Review tours of Freeman-Centennial School in Norfolk and the West Bridgewater Middle/High School can occur the first two weeks of May. J. Seeley will coordinate dates with the Committee and schedule.
36.7	Record	J. Seeley distributed and reviewed the updated 60% Construction Document Phase Meetings Schedule, attached.
36.8	J. Seeley	J. Seeley distributed and reviewed the updated Project Schedule, attached. J. Seeley to update the schedule once the Site Permitting dates are established.
36.9	K. Kovacs M. Dowhan	K. Kovacs provided an update on the Site Permitting. The Project will be required to obtain a building height variance from the Zoning Board of Appeals, prior to submitting to the Planning Board for Site Plan Approval, due to the gymnasium and classroom wings roof ridges being over 35 feet. Committee Discussion: <ol style="list-style-type: none"> 1. K. Kovacs to confirm with the Planning Board if the Site Plan Approval process can commence once the ZBA issues their decision or after the Appeals period runs out. 2. P. Meier asked that FAI confirm that the Appeal period commences with the recording of the ZBA Decision at the Registry. 3. P. Meier asked that FAI ask the ZBA and Planning Board chairs if the ZBA and Planning Board process can run concurrently. <i>K. Kovacs indicated the schedule allows for the permitting to remain sequential.</i> 4. R. Lavoie asked how high are the Middle School and High School highest roof ridges? <i>K. Kovacs will confirm.</i> 5. P. Meier asked FAI to confirm that the project meets all parking quantity and dimensional requirements. <i>M. Dowhan will confirm.</i> 6. P. Meier requested FAI review with the Planning Board whether the crushed stone access drive needs a special permit.

Item #	Action	Discussion
		<p><i>M. Dowhan will review with the Planning Board.</i></p> <p>7. J. Potter asked if the Maintenance Building and Storage Shed should be relocated to avoid constructing the crushed stone access drive. <i>After discussion, the Committee decided to keep the Maintenance Building and Storage Shed as is.</i></p>
36.10	Record	K. Kovacs indicated the Educational Leadership Team decided that cable television access is not required for the new school.
36.11	K. Kovacs	<p>K. Kovacs indicated the Educational Leadership Team decided that the Media Center is not required to be wired for video for taping of meetings by BATV.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. J. Potter asked how much would it cost to have the Media Center wired? <i>K. Kovacs to provide an approximate cost for the next Committee meeting.</i> 2. S. Lamarche indicated from an educational perspective, the wiring is not required, neither Bournedale or the Middle School have such wiring. 3. R. Lavoie asked if the wiring would be reimbursable? <i>J. Seeley indicated the cost may be reimbursable, depending on the scope and overall cost.</i>
36.12	K. Kovacs	K. Kovacs to verify that the CCTV Security system has sufficient future capacity.
36.13	K. Kovacs	K. Kovacs will provide further research on the LVT products at the next Committee meeting.
36.14	K. Kovacs	K. Kovacs indicated FAI is still reviewing the Wolf Gordon and Acrovyn wainscoat products.
36.15	K. Kovacs	K. Kovacs has contacted locker manufacturers for samples of the 30" and 36" high lockers.
36.16	K. Kovacs	K. Kovacs will provide options on how the students can be involved in the design process, such as student created wall tiles or painted murals for Committee review.
36.17	J. Norton	J. Norton is developing a list of existing memorial items from the existing Peebles School and site that should be incorporated into the new school design.
36.18	Record	K. Kovacs distributed and reviewed the Electrical Connected and Emergency Load Calculations, attached.
36.19	Record	K. Kovacs distributed and reviewed the meeting minutes from the 2/16/17 Educational Leadership Meeting, attached.
36.20	K. Kovacs District	<p>J. Seeley distributed and reviewed the updated Educational Meetings Action Items Log, dated 3/16/17 and attached, tracking open issues from the Educational Leadership Meetings, as of the 3/2/17 meeting. K. Kovacs and the District to resolve and record the open items.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. P. O'Keefe asked if the connecting doors between classrooms can be locked from both sides?

Item #	Action	Discussion
		<p><i>K. Kovacs indicated the hardware will be discussed with the Educational Leadership Team at their next meeting.</i></p> <p>2. R. Lavoie asked if the Food Service meeting equipment changes will add to the project cost? <i>K. Kovacs indicated no, the equipment was included in the Design Development cost estimate.</i></p> <p>3. P. O’Keefe asked if the Receiving Room is oversized? <i>K. Kovacs indicated no, the room is sized per the MSBA Space Template.</i></p>
36.21	K. Kovacs	<p>K. Kovacs distributed and reviewed Entry Lobby layout options, attached, on how the space could be used for multiple functions.</p> <p>K. Kovacs will provide options on how the I-Studio Display cases can be more visible from the Lobby.</p> <p>K. Kovacs will provide direction if all paper displays need to be in display cabinets, similar to when Bournedale was constructed.</p>
36.22	K. Kovacs S. Lamarche	<p>K. Kovacs distributed and reviewed the updated Construction Phasing Diagrams, attached.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. J. Potter asked if a portion of the permanent entrance drive can be constructed in Phase 1 to be used as the temporary bus entry and exit. <i>K. Kovacs will review and provide direction at the next Committee meeting.</i> 2. S. Lamarche asked that the eastern property line be verified to include the jog near the maintenance building. <i>K. Kovacs will review and provide direction at the next Committee meeting.</i> 3. K. Kovacs indicated temporary teacher and staff parking will need to be provided during Phase 3 off-site, potentially in the adjacent High School lot. <i>S. Lamarche indicated this can be reviewed at the next Educational Leadership Meeting.</i> 4. K. Kovacs indicated the drive down to the football field in the final design is for emergency access and not designed for ADA access. <i>S. Lamarche indicated an alternative ADA access route can be explored at the next Educational Leadership Meeting.</i> 5. J. Potter indicated the current emergency access to the football field will potentially be impeded during all phases of construction. <i>K. Kovacs to review access options with the Police and Fire Department.</i> 6. J. Potter indicated the two-way traffic to the maintenance building in the final design may be confusing to the public and suggests adding an “Authorized Vehicles Only” sign and also ease the left hand turn radius onto the loop drive. <i>K. Kovacs will review and provide direction at the next Committee meeting.</i> 7. J. Potter asked that FAI review the access to the Topsoil Stockpile under the Phase 3 construction period. <i>K. Kovacs to review.</i>

Item #	Action	Discussion
		<p>8. K. Kovacs asked if the Maintenance Building and Storage Shed can be off-line during Phase 2 and Phase 3? <i>S. Lamarche indicated this will require further review, but with sufficient planning yes.</i></p> <p>9. K. Kovacs to review with the Educational Leadership Team, the Building Egress doors and exterior Staging Areas for students and staff during building evacuations during Phase 1 and Phase 3.</p>
36.23	J. Potter	<p>Old or New Business:</p> <ol style="list-style-type: none">1. J. Potter will contact the Town Moderator on the Member-at-Large vacancy.2. S. Lamarche indicated a Transition Team, chaired by J. Norton, is being established and requests an agenda item for a future Committee meeting to discuss. S. Lamarche will provide direction on when.
36.24	Record	<p>Next SBC Meeting: March 30, 2017 at 6:30 pm at the Bourne Veteran's Memorial Community Center.</p>
36.25	Record	<p>A Motion was made by P. Meier and seconded by N. Scarpato to adjourn the meeting. No discussion, voted unanimously.</p>

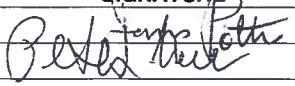
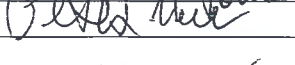
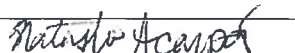
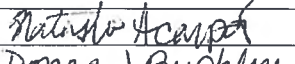
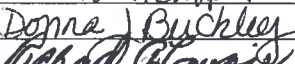



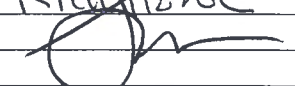
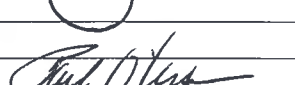
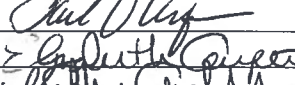
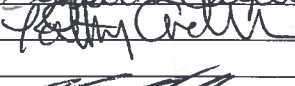

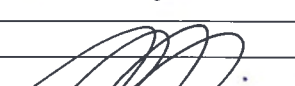







Attachments: Agenda, Project Budget Status Report, 60% Construction Document Phase Meetings Schedule, updated Project Schedule, Electrical Connected and Emergency Load Calculations, 2/16/17 Educational Leadership Meeting Minutes, Educational Meetings Action Items Log, Entry Lobby layout options, Construction Phasing Diagrams,

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: 3/16/2017
 Re: School Building Committee Meeting Meeting No: 36
 Location: Bourne High School Library Media Center Time: 6:30pm

Distribution: Attendees, (MF)

SIGNATURE	ATTENDEES	EMAIL	AFFILIATION
	James L. Potter	onsetjp@juno.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
	Natasha Scarpato	scarpato4@comcast.net	Bourne School Committee
	Donna Buckley	d.j.buckley23@gmail.com	Member-At-Large
	Richard A. Lavoie	RichL.Lavoie@gmail.com	Member, Bourne Finance Committee
	William Meier	Dusty22752@aol.com	Building Trade Expert
	Frederick H. Howe	rickhowe9@gmail.com	Member-At-Large
	Steven M. Lamarche	slamarche@bourneps.org	Member-At-Large, Board of Health
	Edward S. Donoghue	EDonoghue@bourneps.org	Superintendent of Schools, BPS
	Thomas M. Guerino	tguerino@townofbourne.com	Director of Business Services, BPS, MCPPO
	Paul O'Keefe	mmachief@gmail.com	Town Administrator
	Elizabeth A. Carpenito	ecarpenito@bourneps.org	Member, Facilities and Maintenance Expert
	Kathy Anderson	kanderson@bourneps.org	Principal, BES
	Janey Norton	jnorton@bourneps.org	Elementary/Special Education Secretary
	Janey Norton	knorton@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
	Michelle Dombay	mjd@massoc.com	Waterman Design Associates
	Bill Keatrice	keatrice@flansburgh.com	Flansburgh Arch.

p:\2015\15041\04-meetings\4.3 mtg_notes\3-school building committee\2017\36_16march2017\schoolbuildingcommitteemeetingsign-in sheet_16march2017.docx

AGENDA

Project:	New Pebbles Elementary School	Project No.:	15041
Re:	School Building Committee Meeting	Meeting Date:	3/16/2017
Meeting Location:	Bourne High School Library Media Center	Meeting Time:	6:30 PM
Prepared by:	Joel Seeley	Meeting No.:	36
Distribution:	Committee Members (MF)		

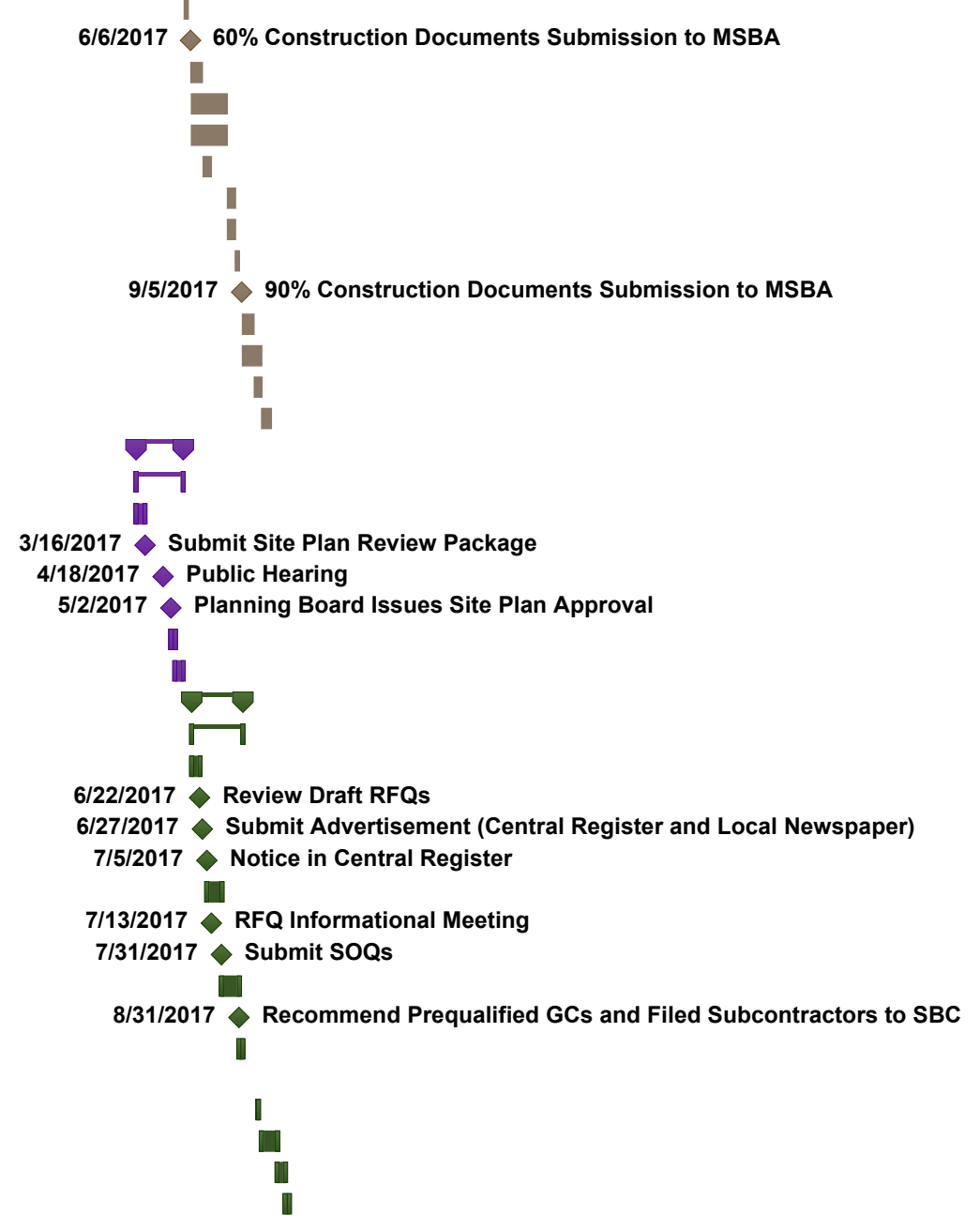
1. Call to Order
2. Approval of Minutes
3. Approval of Invoices and Commitments
4. Review 3-03-2017 Design Meeting with MSBA at Flansburgh's Office
5. Review Overall Construction Document Phase Schedule
6. Review 60% Construction Document Schedule
7. Review Educational Leadership Meetings Schedule
8. Review Updated Floor Plans and Site Plans
9. Site Permitting Update
10. Review Updated Construction Logistics
11. Old or New Business
12. Public Comments
13. Next Meeting: March 30, 2017
14. Adjourn

SCHOOL BUILDING COMMITTEE
PEEBLES ELEMENTARY SCHOOL
 All meetings held at
Veterans Memorial Community Center at 6:30 PM
 unless otherwise noted
MEETINGS SCHEDULE AND AGENDAS

February 22, 2017 Updated March 16, 2017

DATE	AGENDA
60% Construction Documents Phase	
March 16, 2017	BUILDING COMMITTEE MEETING @ High School Library Media Center Review Overall Construction Document Phase Schedule Review 60% Construction Document Schedule Review Educational Leadership Meetings Schedule Review Updated Floor Plans and Site Plans Site Permitting Update
March 30, 2017	BUILDING COMMITTEE MEETING Review Updated Floor Plans and Site Plans Review Updated Exterior Elevations Review MSBA Design Development Submission Comments Review Meeting Actions Log
April 13, 2017	BUILDING COMMITTEE MEETING Review Updated Interior Elevations and Materials Review MEP Systems Review Technology Systems
April 27, 2017	BUILDING COMMITTEE MEETING Decide Final Interior Finish Materials Decide Final Exterior Materials Review Final Floor Plans, Site Plans and Elevations Review LEED Scorecard Site Permitting Update Decide Prequalification Subcommittee
May 11, 2017	BUILDING COMMITTEE MEETING Review Preliminary Cost Estimate Review Preliminary List of Value Engineering Items
May 25, 2017	BUILDING COMMITTEE MEETING Review Prequalification Status Review Reconciled 60% Construction Documents Cost Estimate Decide Value Engineering Items Vote to Submit 60% Construction Documents Package to MSBA
June 6, 2017	SUBMIT 60% CONSTRUCTION DOCUMENTS PACKAGE TO MSBA
	ADDITIONAL MEETINGS TO BE SCHEDULED

ID	Task Name	Duration	Start	Finish	2017	2020	2023
1	RETAIN OPM	58 days	3/18/2015	6/8/2015			
7	RETAIN DESIGNER	85 days	5/27/2015	9/23/2015			
17	FEASIBILITY STUDY (FS)	218 days	9/15/2015	7/20/2016			
34	SCHEMATIC DESIGN (SD)	80 days	7/20/2016	11/9/2016			
41	PROJECT SCOPE AND BUDGET	81 days	10/17/2016	2/7/2017			
48	DESIGN DEVELOPMENT	79 days	12/7/2016	3/27/2017			
57	CONSTRUCTION DOCUMENTS	166 days	3/8/2017	10/27/2017			
58	60% Construction Documents for OPM and Cx Review	47 days	3/8/2017	5/11/2017			
59	Develop 60% Construction Documents for Estimator	47 days	3/8/2017	5/11/2017			
60	Incorporate MSBA DD Comments	10 days	3/28/2017	4/10/2017			
61	OPM and Cx Review	11 days	5/11/2017	5/25/2017			
62	60% Construction Documents Cost Estimate	11 days	5/11/2017	5/25/2017			
63	Value Engineering	6 days	5/25/2017	6/1/2017			
64	60% Construction Documents Submission to MSBA	0 days	6/6/2017	6/6/2017			
65	MSBA Review	15 days	6/6/2017	6/26/2017			
66	Develop 90% Construction Documents to Estimator	45 days	6/7/2017	8/9/2017			
67	90% Construction Documents for OPM and Cx Review	45 days	6/7/2017	8/9/2017			
68	Incorporate MSBA 60% CD Comments	10 days	6/28/2017	7/12/2017			
69	OPM and Cx Review	11 days	8/10/2017	8/24/2017			
70	90% Construction Documents Cost Estimate	11 days	8/10/2017	8/24/2017			
71	Value Engineering	6 days	8/24/2017	8/31/2017			
72	90% Construction Documents Submission to MSBA	0 days	9/5/2017	9/5/2017			
73	MSBA Review	15 days	9/6/2017	9/26/2017			
74	100% Construction Documents	25 days	9/6/2017	10/10/2017			
75	Incorporate MSBA 90% CD Comments	10 days	9/27/2017	10/10/2017			
76	MA-CHPS Design Submission	14 days	10/10/2017	10/27/2017			
77	SITE PERMITTING	60 days	3/1/2017	5/23/2017			
78	Bourne Planning Board - Site Plan Review	60 days	3/1/2017	5/23/2017			
79	Prepare Application Documents	12 days	3/1/2017	3/16/2017			
80	Submit Site Plan Review Package	0 days	3/16/2017	3/16/2017			
81	Public Hearing	0 days	4/18/2017	4/18/2017			
82	Planning Board Issues Site Plan Approval	0 days	5/2/2017	5/2/2017			
83	File at Registry	6 days	5/2/2017	5/9/2017			
84	Appeal Period	11 days	5/9/2017	5/23/2017			
85	PROCUREMENT	63 days	6/8/2017	9/6/2017			
86	Prequalification	63 days	6/8/2017	9/6/2017			
87	Develop Draft RFQs (GC and Subcontractors)	11 days	6/8/2017	6/22/2017			
88	Review Draft RFQs	0 days	6/22/2017	6/22/2017			
89	Submit Advertisement (Central Register and Local Newspaper)	0 days	6/27/2017	6/27/2017			
90	Notice in Central Register	0 days	7/5/2017	7/5/2017			
91	GC and Subs Develop SOQs	19 days	7/5/2017	7/31/2017			
92	RFQ Informational Meeting	0 days	7/13/2017	7/13/2017			
93	Submit SOQs	0 days	7/31/2017	7/31/2017			
94	Review SOQs	24 days	7/31/2017	8/31/2017			
95	Recommend Prequalified GCs and Filed Subcontractors to SBC	0 days	8/31/2017	8/31/2017			
96	Issue Notification Letters to Prequalified GC and Subcontractors	4 days	8/31/2017	9/6/2017			
97	Advertisement for Bids	1 day	10/4/2017	10/4/2017			
98	Filed Subcontractors Bidding	21 days	10/10/2017	11/7/2017			
99	General Contractor Bidding	11 days	11/7/2017	11/21/2017			
100	General Contractor Award	6 days	11/21/2017	11/28/2017			
101	CONSTRUCTION	513 days	11/28/2017	11/29/2019			



Symmes Maini & McKee Associates, Inc. (SMMA) Bourne School District Bourne Peebles Elementary School BUDGET SUMMARY BUDGET TRACKING FORM as of: 2/28/2017		Original PS&B Budget 11/2/2016	Budget Revisions	Current Budget	Contract Amount	Expended	(B - C) Remaining Contract Amount	Additional Projected Amount	(A - B - E) Budget Balance
Propay code #	Name	A	B	C	D	E			
	Feasibility Study Agreement								
1	0001-0000 OPM Feasibility Study	125,000.00		125,000.00	117,100.00	117,100.00	-	-	7,900.00
2	0002-0000 A&E Feasibility Study	365,000.00	19,125.00	384,125.00	384,125.00	374,875.00	9,250.00	-	-
3	0003-0000 Environmental and Site	140,000.00		140,000.00	77,803.00	75,053.00	2,750.00	-	62,197.00
4	0004-0000 Other	120,000.00	(19,125.00)	100,875.00	672.13	672.13	-	-	100,202.87
Feasibility Study Agreement Subtotal		\$ 750,000.00	\$ -	\$ 750,000.00	\$ 579,700.13	\$ 567,700.13	\$ 12,000.00	\$ -	\$ 170,299.87
	Administration								
6	0101-0000 Legal Fees	50,000.00		50,000.00	-	-	-	-	50,000.00
	Owner's Project Manager								
7	0102-0400 > Design Development	50,000.00		50,000.00	50,000.00	25,000.00	25,000.00	-	-
8	0102-0500 > Construction Contract Documents	90,000.00		90,000.00	90,000.00	-	90,000.00	-	-
9	0102-0600 > Bidding	50,000.00		50,000.00	50,000.00	-	50,000.00	-	-
10	0102-0700 > Construction Contract Administration	800,000.00		800,000.00	800,000.00	-	800,000.00	-	-
11	0102-0800 > Closeout	54,863.00		54,863.00	54,863.00	-	54,863.00	-	-
12	0102-0900 > Extra Services	40,000.00		40,000.00	-	-	-	-	40,000.00
13	0102-1000 > Reimbursable & Other Services	15,000.00		15,000.00	-	-	-	-	15,000.00
14	0102-1100 > Cost Estimates	50,000.00		50,000.00	41,745.00	-	41,745.00	-	8,255.00
15	0103-0000 Advertising	5,000.00		5,000.00	-	-	-	-	5,000.00
16	0104-0000 Permitting	50,000.00		50,000.00	-	-	-	-	50,000.00
17	0105-0000 Owner's Insurance	20,000.00		20,000.00	-	-	-	-	20,000.00
18	0199-0000 Other Administrative Costs	20,000.00		20,000.00	-	-	-	-	20,000.00
Administration Subtotal		\$ 1,294,863.00	\$ -	\$ 1,294,863.00	\$ 1,086,608.00	\$ 25,000.00	\$ 1,061,608.00	\$ -	\$ 208,255.00
	Architecture and Engineering								
	Basic Services								
21	0201-0400 > Design Development	530,000.00		530,000.00	530,000.00	318,000.00	212,000.00	-	-
22	0201-0500 > Construction Contract Documents	1,060,000.00		1,060,000.00	1,060,000.00	-	1,060,000.00	-	-
23	0201-0600 > Bidding	130,000.00		130,000.00	130,000.00	-	130,000.00	-	-
24	0201-0700 > Construction Contract Administration	874,000.00		874,000.00	874,000.00	-	874,000.00	-	-
25	0201-0800 > Closeout	132,037.00		132,037.00	132,037.00	-	132,037.00	-	-
26	0201-9900 > Other Basic Services	-		-	-	-	-	-	-
27		BASIC SERVICES SUBTOTAL	\$ -	\$ 2,726,037.00	\$ 2,726,037.00	\$ 318,000.00	\$ 2,408,037.00	\$ -	\$ -
	Reimbursable Services								
28	0203-0100 > Construction Testing	40,000.00		40,000.00	-	-	-	-	40,000.00
29	0203-0200 > Printing (over minimum)	20,000.00		20,000.00	-	-	-	-	20,000.00
30	0203-9900 > Other Reimbursable Costs	100,000.00		100,000.00	-	-	-	-	100,000.00
31	0204-0200 > Hazardous Materials	100,000.00		100,000.00	-	-	-	-	100,000.00
32	0204-0300 > Geotech & Geo-Env.	80,000.00		80,000.00	-	-	-	-	80,000.00
33	0204-0400 > Site Survey	60,000.00		60,000.00	-	-	-	-	60,000.00
34	0204-0500 > Wetlands	5,000.00		5,000.00	-	-	-	-	5,000.00
35	0204-1200 > Traffic Studies	40,000.00		40,000.00	-	-	-	-	40,000.00
Architectural and Engineering Subtotal		\$ 3,171,037.00	\$ -	\$ 3,171,037.00	\$ 2,726,037.00	\$ 318,000.00	\$ 2,408,037.00	\$ -	\$ 445,000.00

Symmes Maini & McKee Associates, Inc. (SMMA) Bourne School District Bourne Peebles Elementary School BUDGET SUMMARY BUDGET TRACKING FORM as of: 2/28/2017			Original PS&B Budget 11/2/2016	Budget Revisions	Current Budget	Contract Amount	Expended	(B - C) Remaining Contract Amount	Additional Projected Amount	(A - B - E) Budget Balance
CM @ Risk Preconstruction Services										
36	0501-0000	Pre-Construction Services	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	0502-0001	Construction Budget	\$ 30,910,366.00		\$ 30,910,366.00	\$ -	\$ -	\$ -	\$ -	\$ 30,910,366.00
89	CSI Code	CSI Description								
89	0502-0010	CM Fee			-	-	-	-	-	-
89	0502-0020	Bonds and Insurances			-	-	-	-	-	-
89	0502-0030	Total GMP Construction Contingency			-	-	-	-	-	-
89	0502-0100	CM Staffing			-	-	-	-	-	-
89	0502-0100	GC's			-	-	-	-	-	-
89	0502-0100	Division 1 - General Requirements			-	-	-	-	-	-
89	0502-0200	Division 2 - Existing Conditions			-	-	-	-	-	-
89	0502-0300	Division 3 - Concrete			-	-	-	-	-	-
89	0502-0400	Division 4 - Masonry			-	-	-	-	-	-
89	0502-0500	Division 5 - Metals			-	-	-	-	-	-
89	0502-0600	Division 6 - Wood, Plastics and Composites			-	-	-	-	-	-
89	0502-0700	Division 7 - Thermal & Moisture Protection			-	-	-	-	-	-
89	0502-0800	Division 8 - Openings			-	-	-	-	-	-
89	0502-0900	Division 9 - Finishes			-	-	-	-	-	-
89	0502-1000	Division 10 - Specialties			-	-	-	-	-	-
89	0502-1100	Division 11 - Equipment			-	-	-	-	-	-
89	0502-1200	Division 12 - Furnishings			-	-	-	-	-	-
89	0502-1300	Division 13 - Special Construction			-	-	-	-	-	-
89	0502-1400	Division 14 - Conveying Systems			-	-	-	-	-	-
89	0502-2100	Division 21 - Fire Suppression			-	-	-	-	-	-
89	0502-2200	Division 22 - Plumbing			-	-	-	-	-	-
89	0502-2300	Division 23 - HVAC			-	-	-	-	-	-
89	0502-2500	Division 25 - Integrated Automation			-	-	-	-	-	-
89	0502-2600	Division 26 - Electrical			-	-	-	-	-	-
89	0502-2700	Division 27 - Communications			-	-	-	-	-	-
89	0502-2800	Division 28 - Electronic Safety & Security			-	-	-	-	-	-
89	0502-3100	Division 31 - Earthwork			-	-	-	-	-	-
89	0502-3200	Division 32 - Exterior Improvements			-	-	-	-	-	-
89	0502-3300	Division 33 - Utilities			-	-	-	-	-	-
89	0502-9900	Retainage			-	-	-	-	-	-
89	0508-0000	Change Orders			-	-	-	-	-	-
89		Construction Budget Subtotal	\$ 30,910,366.00	\$ -	\$ 30,910,366.00	\$ -	\$ -	\$ -	\$ -	\$ 30,910,366.00
		Alternates								
90	0506-0000	Ineligible Work (Maint Bldg, Press Box, Concession and Restroom)	-		-	-	-	-	-	-
90	0506-0000	Retainage for Alternates/Ineligible Work	-		-	-	-	-	-	-
		Alternates Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	0600-0000	Miscellaneous Project Costs								
94	0601-0000	Utility Company Fees	84,000.00		84,000.00	-	-	-	-	84,000.00
95	0602-0000	Testing Services	100,000.00		100,000.00	-	-	-	-	100,000.00
96	0603-0000	Swing Space / Modulars	-		-	-	-	-	-	-
97	0699-0000	Other Project Costs (Mailing & Moving)	40,000.00		40,000.00	-	-	-	-	40,000.00
	0600-0000	Miscellaneous Project Costs Subtotal	\$ 224,000.00	\$ -	\$ 224,000.00	\$ -	\$ -	\$ -	\$ -	\$ 224,000.00
	0700-0000	Furnishings and Equipment								
99	0701-0000	Furnishings	690,000.00		690,000.00	-	-	-	-	690,000.00
	0702-0000	Equipment								
101	0703-0000	Computer Equipment	690,000.00		690,000.00	-	-	-	-	690,000.00
		Furnishings and Equipment Subtotal	\$ 1,380,000.00	\$ -	\$ 1,380,000.00	\$ -	\$ -	\$ -	\$ -	\$ 1,380,000.00
103	0507-0000	Owner's Construction Contingency	1,545,518.00	-	1,545,518.00	-	-	-	-	1,545,518.00
104	0801-0000	Owners' (soft cost) Contingency	643,257.00		643,257.00	-	-	-	-	643,257.00
		Contingency Subtotal	\$ 2,188,775.00	\$ -	\$ 2,188,775.00	\$ -	\$ -	\$ -	\$ -	\$ 2,188,775.00
		Total Project Budget	\$ 39,919,041.00	\$ -	\$ 39,919,041.00	\$ 4,392,345.13	\$ 910,700.13	\$ 3,481,645.00	\$ -	\$ 35,526,695.87



GARCIA • GALUSKA • DESOUSA

Consulting Engineers Inc.

370 Faunce Comer Road, Dartmouth, MA 02747-1271

L#55502
J#280 017 00.00

March 6, 2017

Eversource
484 Willow St.
West Yarmouth, MA 02673

Attn: Kathleen White

Re: James F. Peebles Elementary School
70 Trowbridge Road
Bourne, MA 02532

Dear Ms. White:

The Town of Bourne will be constructing a new elementary school consisting of 72,680 SF.

The new incoming service will run underground between the street and the transformer pad. The transformer will be a padmount located in the vicinity as shown on the site plan.

We anticipate secondary metering at the transformer with the transformer supplied by the utility company.

We are proposing two underground secondary services rated at 1,200 Amps, 277/480V, 3Ø, 4W.

Attached are PDFs of our proposed Electrical Site Plan and Power Riser Diagram. Please review and send back with any comments you may have.

In addition, we request that you send us the following information:

1. Available short circuit duty at the secondary of the transformer.
2. Anticipated transformer size and impedance.
3. Transformer pad installation requirements.
4. Primary line installation details and the work to be performed by the contractor.
5. Requirements for reduced voltage starting.
6. Metering rate schedule.
7. Metering requirements, including location and hot or cold sequence installation.
8. Anticipated back charges

L#55502
 J#280 017 00.00
 Page 2

Our projected breakdown of loads is as follows:

A. HVAC		Electrical Rating	kVA
HVAC Equipment			
RTU #1, 2		2 @ 45 Tons =	120.0
RTU #3, 4		2 @ 30 Tons =	88.0
Exhaust Fans		8 @ ½ HP =	7.0
		2 @ 3 HP =	7.0
Electric Unit Heaters		4 @ 3.0 KW =	12.0
Boilers		3 @ 2 HP =	8.0
Unit Heaters (HW)		10 @ 1/8 W =	2.5
		6 @ ¼ W =	4.5
Circ. Pumps		2 @ 5 HP =	12.0
Circ. Pumps		2 @ 3 HP =	7.0
Make-up Air Unit		5 HP =	6.0
AHU #1, #2		2 @ 60 HP =	150.0
Chiller		60 Tons @ 1.5 kVA =	75.0
DCUs		4 @ 4 Tons =	24.0
		Sub-total =	523.0

B.Plumbing/ Fire Protection			kVA
Water Heaters		2 @ ½ HP =	1.8
Circular Pumps		2 @ 1/6 HP =	1.6
		Sub-total =	3.4

C. Elevator		1 @ 40 HP =	45.0
D. Exterior Lighting		=	10.0
E. Interior Lighting		72,680 S.F @ 1.0 W/s.f. =	72.7
F. General Power		72,680 S.F. @ 2.5 W/s.f. =	181.7

L#55502
 J#280 017 00.00
 Page 3

G. Kitchen						kVA
	Dishwasher/Booster Heater				=	40.0
	Other Equipment				=	60.0
				Sub-total	=	100.0

Connected Load Summary				A.	=	523.0
				B.	=	3.4
				C.	=	45.0
				D.	=	10.0
				E.	=	72.7
				F.	=	181.7
				G.	=	100.0
				Total	=	935.8 kVA

935.8 kVA @ 277/480v, 3 Phase, 4 Wire= 1123 Amps

A Standard 1200 Ampere, 277/480V, 3 Phase, 4 Wire service was selected. The main circuit breaker will be solid state and rated 100% of continuous load.

Secondary service will consist of (3) sets of 4 # 600 KCM copper in (3) 4" conduit plus (1) 4" spare.

We intend to participate in the incentive programs that you are offering.

We would like to schedule a site meeting with you and your engineer at your earliest convenience.

Please contact our office should you have any questions or concerns regarding the above.

Very truly yours,

GARCIA • GALUSKA • DESOUSA



Daniel Sarro

DS:ja

Enc.

Cc: William T. Beatrice, AIA, Flansburgh

Peebles Elementary School
Bourne, MA
J#280 014
M#55639/Page 1/March 15, 2017

Peebles Elementary School
Generator Sizing Report

Below is the generator loads which yields a 250KW generator.

Description: Includes all anticipated loads (life safety, elevator, building communications, freeze protection, additional ventilation and lighting, and Kitchen cooking equipment).

Load Breakdown:

Life Safety Equipment:

- A. All Exit Signs and Emergency lighting in the areas listed below are fed by Life Safety Emergency Power: **(required by code)**. In addition to the code required lighting, areas below with an asterisk (*) contain additional lighting for the use of the space during a power outage.
1. Corridors (*)
 2. Electrical/Mechanical Rooms (*)
 3. Gymnasium, Locker Rooms,
 4. Cafeteria/Commons (*)
 5. Media Center
 6. Lobbies
 7. Administration areas(*)
 8. Health Suite/Nurses office (*)
 9. Toilets (*)
 10. Platform
 11. Data rooms "Head End room & IDF Closets (*)
 12. Kitchen/Servery (*)
 13. Exterior Building mounted lights over doors required for egress lighting
 14. Where required by code (egress areas)
 15. Fire alarm system

Optional Standby Equipment:

- A. Equipment listed below is fed by Optional Standby Emergency Power: (condensers providing cooling will be locked out when on emergency power. This will be accomplished using the Building Management System Controls.)
1. Boilers
 2. Water Pumps
 3. Ventilation Unit serving Cafeteria and Kitchen/Servery
 4. Kitchen make-up air unit
 5. Ventilation Unit serving Administration areas

Peebles Elementary School
Bourne, MA
J#280 014
M#55639/Page 2/March 15, 2017

6. MDF and IDF Cooling units
7. Elevator
8. Refrigeration
9. Building management system controls
10. Kitchen equipment required for cooking
11. Strategically placed receptacles in the kitchen, administrative area, gymnasium, and cafeteria.

B. Equipment within the Head End and IDF rooms including (served by UPS):

1. Paging/Intercom System (MDF)
2. Security System (IDF/MDF)
3. Telephone System (MDF)
4. Network electronics (IDF/MDF)
5. Servers (MDF)
6. Clock system (MDF)
7. Building Management System (MDF)

Meeting Notes

DATE: February 16, 2017

PROJECT: Bourne Public Schools – Peebles Elementary School

PRESENT: Steven Lamarche – Superintendent, Bourne Public Schools
Susan Sleasman – Assist. Superintendent, Bourne Public Schools
Melissa Ryan – Principal, Bourne Middle School
Edward Donoghue – Director of Business Services
Julie Thompson – Elementary Curriculum Director
Kent Kovacs – Flansburgh Architects
Betsy Farrell Garcia – Flansburgh Architects

A series of discussions took place at Peebles Elementary School with representatives from the school's administration team on Thursday, February 16th.

Site

- FAI reviewed the construction phasing plans for the project.

Interiors

- The lobby was described as an open gathering space with one LED display and built-in seating, providing high seating capacity in a low footprint. District feels solid wall shared with Innovation Studio could be textural feature wall highlighting character of Bourne.
- Gym layout has been updated to show fixed bleachers on side nearest entry, permitting opposite wall to be free for activities. Need for gym wall pads was discussed, and option of fixed pads vs. demountable. District expressed preference for fixed.
- Stage will be separated from gym by operable acoustical partition. Projector and screen to be provided within space and will double as rear projection for Gym. Stage is not expected to be utilized as a teaching space and will not require a whiteboard and short-throw projector; however, convenience power should be provided. Acoustical separation from toilets is provided in shared wall construction.
- Cafeteria to have fixed chairs at tables for ease of floor cleaning. At seating area near vestibule, a fixed counter with high chairs and data jacks below is preferred.
- Display cases provided throughout community wing include one near gym entry, one between cafeteria and music entry, and one near media center entry. Three are sufficient.
- Doors into Outdoor Classroom are preferred at west side, aligned with doors to play area.
- Media Center will be zoned as teaching area, stacks, and lounge seating near windows. Stacks will act as buffer between group meeting and individual study. Teaching wall with markerboard and short-throw projector is desired at tables, similar to middle school layout. Door to exterior is

Flansburgh Architects

not required, as exit through main entrance is preferred.

- Team Rooms will house copier in nook, LED display, and casework with sink. At ground floor, door to exterior provides direct access to play area.

Finishes

- Texture and color will be used to articulate spaces and establish hierarchy. Textural wall treatment will unify Cafeteria, Innovation and Art studios, and Media Center. Corridor walls connecting community spaces to be defined with color.
- Floor and ceiling of Innovation and Art studios to be colorful, with neutral walls and casework.
- Epoxy flooring proposed for Toilets and Kitchen areas. On list of projects to be toured, FAI to include projects with epoxy flooring with those utilizing LVT.
- Operable windows are not included in air-conditioned spaces. District requested one operable vent at Principal's Office to facilitate communication.
- District would like to incorporate opportunity for student artwork to be installed. FAI displayed images from West Bridgewater Middle-High School showing removable wall panels allowing existing murals to be mounted or removed for students to decorate. Appropriate locations to be discussed at a later date.
- Perforated risers were confirmed as appropriate at staircases.
- Connecting doors between classrooms are to include closers in event of lockdown or fire alarm.
- Campus standard for door hardware is Schlage.

Date		Meeting Comment	Party	Resolution
December 14, 2016 Educational Meeting				
1	12/14/2016	Nurse: The nurse requested a dedicated icemaker. This item will require a decision by the District.	District	A refrigerator / freezer with ice maker will be provided. A stand alone dedicated ice maker is not required per district's response at the March 13,2017 Educational Design Meeting
2	12/14/2016	Music: It was requested after further review to change one practice room into a music office. FAI stated this request would need to be confirmed at the January 5th Academic Leadership team meeting.	FAI	This item was discussed at the January 5, 2017 Educational meeting and approved. FAI to update plans and space template.
3	12/14/2016	Art: It was requested that a minimum of three sinks to be provided with plaster traps.	FAI	This item has been incorporated into the art room layout
4	12/14/2016	Art: A request was made to incorporate a singular peninsula configuration similar to the Bournedale art room for greater access to sinks. FAI to review.	FAI	This item has been incorporated into the art room layout
5	12/14/2016	Art: Student work display areas should be studied both inside the art room and hallway areas. FAI to review.	FAI	
6	12/14/2016	Art: An office was requested beyond the already submitted MSBA space template. FAI explained the size of the art room and storage may reduce in size to accommodate this request would be discussed at the January 5th Academic Leadership team meeting.	FAI	This item was discussed at the January 5, 2017 Educational meeting and approved. FAI to update plans and space template.
7	12/14/2016	Library: A workroom and office should be incorporated into the overall layout. The workroom will require a sink. The main circulation desk does not need to be adjacent to the workroom and office.	FAI	The workroom with sink and office has been incorporated into the plan.
8	12/14/2016	Library: The main circulation desk should have high counter portion "check-out" with a lower section at standard desk height. A book return area should be incorporated into the desk. District to confirm if a book return slot is required between the hallway and the media center.	District	A book return slot is not required between the hallway and media center. This item was discussed and deemed unnecessary at the March 13,2017 Educational Design Meeting
9	12/14/2016	Library: Fixed bookcases along the perimeter walls with mobile bookcases in the open areas can optimize flexibility. The District should provide FAI with anticipated book volume count to assist in planning bookcases and any required media storage area.	District	

Date		Meeting Comment	Party	Resolution
10	12/14/2016	Grade 3: An exterior door was requested from the team room directly to the outdoor garden area. FAI stated this could be accommodated.	FAI	This item was discussed at the January 5, 2017 Educational meeting and approved. FAI to update plans.
11	12/14/2016	Grade 3: It was requested that connecting doors located between classrooms. FAI stated connecting doors were part of the project in the last phase and removed due to cost. This request will be discussed at the January 5th Academic Leadership team meeting.	FAI	This item was discussed at the January 5, 2017 Educational meeting and discussed and approved at the February 2, 2017 SBC. FAI to update plans.
12	12/14/2016	Grade 4: It was requested an additional teacher's toilets be located closer to the 4th grade. After review of the plan, one additional teacher's toilet can be incorporated on the second floor. This provides a total of 2 singular staff toilets on the first floor adjacent to the staff workroom, 2 singular staff toilets on the first floor within the administration suite, and 3 singular staff toilets on the second floor.	FAI	One singular staff toilet room has been provided within the 4th grade academic wing.
December 15, 2016 Educational Meeting				
1	12/15/2016	Physical Education: A water fountain was requested within the gym space. FAI stated this item will be incorporated.	FAI	The sink has been incorporated into the gymnasium layout.
2	12/15/2016	Physical Education: The gym instructor liked the idea of having moveable bleachers for flexibility. FAI to study further.	FAI	Bleachers will be fixed and justified to the southern wall only per district's response at the March 13, 2017 Educational Design Meeting
3	12/15/2016	Physical Education: An office was requested beyond the already submitted MSBA space template. FAI explained the size of storage area will be reduced in size to accommodate and this request will be discussed at the January 5th Academic Leadership team meeting.	FAI	This item was discussed at the January 5, 2017 Educational meeting and discussed and approved at the February 2, 2017 SBC. FAI to update plans.
4	12/15/2016	Physical Education: A request for a toilet and shower may be accommodated in the nearby custodial/kitchen area for shared use. FAI stated this request would need to be confirmed at the January 5th Academic Leadership team meeting.	FAI	This item was discussed and approved at the January 5, 2017 Educational meeting. FAI to update plans.

Date		Meeting Comment	Party	Resolution
5	12/15/2016	Physical Education: The gym instructor was concerned outdoor play area and lawn would be limited to the new construction of the school. FAI stated during construction, the area in front of the existing Peebles (grass area currently used for PE) would be utilized by the contractor. After the final site work phase, there will be lawn area adjacent to the new tennis court. The instructor asked if a stone dust walking/jogging path could be created. FAI to review.	FAI	Outdoor lawn area with a walking / jogging path around the perimeter has been incorporated into the project
6	12/15/2016	Administration: It was mentioned that an additional office would be required to support the administration team for a desired total of five offices. We discussed reducing the conference rooms to accommodate the request. FAI stated this request would need to be confirmed at the January 5th Academic Leadership team meeting.	FAI	This item was discussed and approved at the January 5, 2017 Educational meeting. FAI to update plans.
7	12/15/2016	Administration: Storage strategies were discussed with options for both storage rooms for records and general hallway closets to accommodate office material. FAI to review.	FAI	
8	12/15/2016	Administration: The mail/copy area was discussed with opportunities for a kitchenette as well as a work surface area for assembling documents. FAI to study this area further.	FAI	
9	12/15/2016	Middle School (5th Grade): Connecting doors were requested. FAI stated this request would need to be confirmed at the January 5th Academic Leadership team meeting.	FAI	This item was discussed at the January 5, 2017 Educational meeting and discussed and approved at the February 2, 2017 SBC. FAI to update plans.
10	12/15/2016	Middle School (5th Grade): Teachers asked if fixed desktop computers are planned for each classroom. FAI stated they are not and student use within the classrooms would be laptop or tablet based. District to confirm hardwired fixed desktops computers are not required within the classroom for student use.	District	General classrooms will not have fixed desktop computers for student use per district's response at the March 13, 2017 Educational Design Meeting
11	12/15/2016	Middle School (5th Grade): It was noted that a dedicated space to accommodate two small buses supporting students with needs should be provided. FAI to study location.	FAI	This item was discussed at the January 5, 2017 and January 27, 2017 Educational meeting. The dedicated space will be located on the north-side of the building adjacent to the parent pick-up and drop-off.
12	12/15/2016	Computer: The floor plans were reviewed and designed computer areas discussed. There are limited fixed desktop machines in the iStudio (3-4 total) and in the Media Center (10-12 total). The classroom zone of the Media Center may be laptop or tablet based to accommodate 24 students. District to confirm hardwired fixed desktops computer locations.	District	The iStudio will have 6 desktop computer and the Media Center will have 12 desktop computers for student use per district's response at the March 13, 2017 Educational Design Meeting
13	12/15/2016	Innovation Studio: There was a request for an additional open shelving wall that could be concealed with sliding marker boards fixed to the front. FAI will review the request with the furniture consultant.	FAI	

Date		Meeting Comment	Party	Resolution
14	12/15/2016	Innovation Studio: The ceiling will remain open to provide the opportunity to hang objects/devices from structure above. The exposed deck and any ductwork will be painted a dark color. Color to be determined. FAI request the District decide if the adjoining art room shall have an exposed ceiling for consistency.	FAI	The Innovation Studio and Art room ceilings will be painted exposed deck and ductwork. This item was discussed at the February 16,2017 Educational meeting
15	12/15/2016	Innovation Studio: Anticipated equipment is as follows: 3D-printer, laser cutting, 3 to 4 fixed computer stations serving equipment. Computers required hard connection to equipment. FAI to review with Technology consultant. District to confirm list of equipment to assist in mechanical ventilation requirements of space.	District/FAI	
16	12/15/2016	Custodians & Cafeteria: Site Related Items - The existing Peebles does not have a dumpster or compactor. All trash is collected in 50 gallon barrels, stored then loaded into a pickup truck. There may be a garbage truck in the future with the capacity to empty a dumpster. The project will be designed with the loading dock. A dock lift was requested to bring barrels and other materials down to the driveway elevation. FAI stated this is costly and not in the budget. The custodians requested a walking path that would connect the loading dock with the driveway. A dock leveler was also requested that is not currently in to budget. the custodians stated a loading plate would satisfy this need in lieu of a dock leveler. The District should provide the desired dumpster or compactor specifications to assist in designing the loading dock and any power requirements for the compactor.	District	
17	12/15/2016	Custodians & Cafeteria: Site Related Items - The custodians requested a stone dust drive connecting the middle school to the existing storage shed. FAI to evaluate if this connection is possible.	FAI	A crushed stone access road has been developed and incorporated into the project.
18	12/15/2016	Custodians & Cafeteria: Building-Related Items - It was requested that a 4'-0" chase with a full man-door be provided in between the gang toilets. FAI stated this is not a possibility due to space limitations. Access panels will be provided along the chase wall. FAI to follow up with GGD on location and size.	FAI	
19	12/15/2016	Custodians & Cafeteria: Building-Related Items - One larger continuous sink per gang toilet was requested in lieu of 2 individual sinks in each gang toilet. FAI to follow up with GGD on this item.	FAI	
20	12/15/2016	Custodians & Cafeteria: Building-Related Items - It was requested light fixtures in the egress stairs shall be wall mounted sconces for ease of access in lieu of "hard to reach" ceiling fixtures. FAI to follow up with GGD.	FAI	

Date		Meeting Comment	Party	Resolution
21	12/15/2016	Custodians & Cafeteria: Building-Related Items - FAI asked if the Boston Food Bank space, currently in the existing Peebles, should be accommodated into the new layout. The District should confirm if this space is required.	District	Special space accommodations for the Food Bank are not required in the new kitchen design. The kitchen design, as documented in the Design Development Set, satisfies the kitchen requirements per district's response at the March 13, 2017 Educational Design Meeting
22	12/15/2016	Custodians & Cafeteria: Building-Related Items - A student tray and dish window was requested from the main cafeteria. The District should confirm if trays and dishware will continue to be used by students or if disposable type is planned for the future. A future meeting with the kitchen director is required.	District	These items are required per January 25, 2017 Food service meeting. The tray window and dishwasher has been accommodated in the new kitchen design.
23	12/15/2016	Custodians & Cafeteria: Building-Related Items - There was a request for a singular shower, toilets, and washer/dryer to be shared between custodial, kitchen and gym instructor. FAI stated this request would need to be confirmed at the January 5th Academic Leadership team meeting.	FAI	These items have been incorporated into the project
24	12/15/2016	Custodians & Cafeteria: Building-Related Items - A request for electric hand dryers in the gang toilets was requested. This would be total of 8 electric hand dryers. Paper towels can be used in the singular staff and SPED toilets. District to confirm this request.	District	Electric hand dryers are required at the community-use toilets adjacent to the gymnasium and cafeteria only. This is a total of 2 electric hand dryers. Paper towels will be used at singular staff, SPED toilets and gang toilets serving grades 3, 4 and 5 per district's response at the March 13, 2017 Educational Design Meeting
25	12/15/2016	Custodians & Cafeteria: Building-Related Items - There was a request to incorporate floor drains at all gang toilets. FAI to review the request.	FAI	
January 5, 2017 Educational Meeting				
1	1/5/2017	Gymnasium: The gym instructor like the idea of having moveable bleachers for flexibility. The District stated the target bleacher seat count should be 200. Students can be seated on the floor surface during an all student assembly. The group asked if the bleachers could be justified to one side only to maximize useable space on the opposing side. FAI to study bleacher configurations, both fixed and moveable.	FAI	Bleachers will be fixed and justified to the southern wall only per district's response at the March 13, 2017 Educational Design Meeting
2	1/5/2017	Cafeteria: A requested student tray and dish window from the 12/15/2016 meeting was discussed. The District should confirm if trays and dishware will continue to be used by students or if disposable type is planned for the future. A future meeting with the kitchen director is required.	District	These items are required per January 25, 2017 Food service meeting. The tray window and dishwasher has been accommodated in the new kitchen design.

Date		Meeting Comment	Party	Resolution
3	1/5/2017	Cafeteria: The requested shower, toilets, and washer/dryer from the 12/15/2016 meeting were discussed. This was acceptable by the group. FAI to study arrangement.	FAI	These items have been incorporated into the project
4	1/5/2017	Academic Wings: The group discussed the connecting doors requested at 12/14/2016 and 12/15/2017 meetings. The leadership team decided the doors should be incorporated into the project. FAI stated this item to be discussed at the January 5th SBC meeting.	FAI	Connecting doors have been incorporated into the project
January 26, 2016 Site Design Meeting				
1	1/26/2017	Site Design: Vehicular circulation for both cars and buses remains largely unchanged from the SD submission. The 24' wide, one-way circulation has been maintained. A crushed stone vehicular access from the Middle School to the maintenance shed has been added for pricing purposes. Cost will determine if the access drive remains in the project.	FAI/WDA	The crushed stone access drive has been incorporated into the project and is within the project budget.
2	1/26/2017	Site Design: Pedestrian circulation from Trowbridge Road and around the perimeter of the building also remains largely unchanged. The width of the sidewalk from Trowbridge Road to the main entrance has been widened to 8' minimum to accommodate shared pedestrian and bike use to allow us to meet the criteria for the LEED Location and Transportation credit for Bicycle Facilities. Additional pedestrian paths to connect the new school to the larger campus have been introduced for pricing purposes. Cost will determine if the paths remain in the project.	FAI/WDA	A stonedust pathway connecting to the middle school has been incorporated into the project and is within the project budget.
3	1/26/2017	Playground Area: Program elements will include at least one play structure for age 5-12 children, the size of which will be determined based on the total square foot area of the designated structure area; a paved free play area with painted pavement striping for games (foursquare, hopscotch, etc.); a student garden area with raised timber planters; and four benches and two trash/recycling receptacles.	FAI/WDA	
January 27, 2017 Food Service Meeting				
1	1/27/2017	Change the 5 well hot wells to 4 well hot wells	FAI/TDA	This has been updated on latest plan.
2	1/27/2017	Change two of the hot cabinets to cold cabinets. A total of 2 hot and 2 cold cabinets to be provided.	FAI/TDA	This has been updated on latest plan.

Date		Meeting Comment	Party	Resolution
3	1/27/2017	Add a microwave oven	FAI/TDA	This has been updated on latest plan.
4	1/27/2017	Add a Robo coup, food processor	FAI/TDA	This has been updated on latest plan.
5	1/27/2017	Range to have storage base, not oven base	FAI/TDA	This has been updated on latest plan.
6	1/27/2017	Two flat top condiment carts to be added to the cafeteria space with enclosed base.	FAI/TDA	This has been updated on latest plan.
7	1/27/2017	Remove one section of storage shelving and add two can racks in place.	FAI/TDA	This has been updated on latest plan.
8	1/27/2017	Worktables to have casters	FAI/TDA	This has been updated on latest plan.
9	1/27/2017	Convection ovens to have casters and flexible gas connection.	FAI/TDA	This has been updated on latest plan.
10	1/27/2017	Steamer to be boiler less unit.	FAI/TDA	This has been updated on latest plan.
11	1/27/2017	Add kettles (two trunnion)	FAI/TDA	This has been updated on latest plan.
12	1/27/2017	Remove one double convection oven	FAI/TDA	This has been updated on latest plan.

Date		Meeting Comment	Party	Resolution
13	1/27/2017	Add pot rack over item FS-21	FAI/TDA	This has been updated on latest plan.
14	1/27/2017	Add over shelves to items FS-14, FS-15 and FS-20	FAI/TDA	FS-15 is a cold cabinet. FS-14 and FS-20 have overshelfs per latest plan.
15	1/27/2017	Relocate door into office to kitchen side	FAI/TDA	This has been updated on latest plan.
16	1/27/2017	TDA to update layout and provide cut sheets.	FAI/TDA	This has been updated within the Design Developemnt submission
February 15, 2017 MEP/FP Meeting				
1	2/15/2017	150kw natural gas generator originally proposed to back up life safety/basic systems. 250kw diesel generator carried in estimate set for inclusion of the kitchen load in "shelter" scenario. Natural gas generators 200kw and above triggers a significant increase in cost, therefore diesel was proposed for the 250kw. Generator calculation to be provided.	FAI/GGD	
2	2/15/2017	Addressable fire alarm system to be provided. Fire alarm control panel to be located in the Main Electrical Room and the annunciator panel located in the Main Vestibule. System requirements to be confirmed with fire department.	FAI/GGD	
3	2/15/2017	Fire Department Connection was pointed out. This location and other Fire Department related questions will be confirmed at the meeting with Fire Department, scheduled for 2/13/2017.	FAI/GGD	
4	2/15/2017	A plumbing fixture cut package will be provided at 60%CD for review.	FAI/GGD	

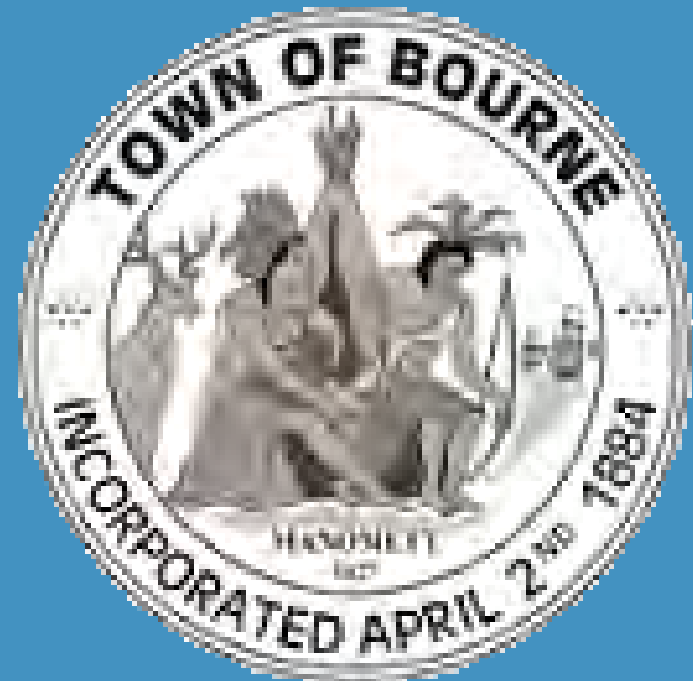
Date	Meeting Comment	Party	Resolution
March 2, 2017 Bourne Police and Fire Department Meetings			
1	3/2/2017 Fire Department connection is 4" Storz type. Provide two connections on building. One connection to be located on north side of building near Classroom wing. Second connection to be located on south side of building adjacent to receiving area. Signage to be provided on the building above each fire department connection.	FAI Veri/Waterman	
2	3/2/2017 BDA to be used to amplify Fire Department radio only.	FAI Veri/Waterman	
3	3/2/2017 Automatic sprinkler system will be wet type. Three sprinkler zones to be provided - 1) First Floor Classroom Wing, 2) First Floor Assembly areas and 3) Second Floor Classroom wing. All sprinkler zones will have dedicated supervised shutoff valve and flow switch.	FAI Veri/Waterman	
4	3/2/2017 New addressable fire alarm system will be provided. Alarm transmission is through central station.	FAI Veri/Waterman	
5	3/2/2017 Main Electric Room and Main Emergency Electric Room will not be protected with automatic sprinklers. Room will be 2-hour rated. These rooms will have smoke detectors.	FAI Veri/Waterman	
6	3/2/2017 CO detectors provided in kitchen at cooking island. CO to be provided outside of rooms where natural gas heating equipment is provided. CO detection shall put building into alarm.	FAI Veri/Waterman	
7	3/2/2017 Standpipe connects to be provided in Classroom wing. Standpipe to be provided in each stair with a third located near elevator.	FAI Veri/Waterman	

Date		Meeting Comment	Party	Resolution
8	3/2/2017	Reviewed site entry points, parking, bus queues and parent drop-off routes. Nine (9) buses are typically used - in (2) shifts, buses will not be "doubled up." No additional changes were requested. FAI to follow up with District on "Event" parking.	FAI Veri/Waterman	
9	3/2/2017	Width of entry has been increased to 20'-0" as previously requested.	FAI Veri/Waterman	
10	3/2/2017	Precast curbs will be used at the straight runs, granite curbs for the curved sections. Mountable granite curb has been provided for firetrucks to access the rear play area (west elevation.)	FAI Veri/Waterman	
11	3/2/2017	BFD requested gate providing access for firetrucks at rear play area be electrified and tied into the fire alarms system. District to evaluate this request.	District	
12	3/2/2017	Lettering on building shall be 12" taller (building number/school name). All exterior doors shall be numbered (6" tall) located above doors. Pairs of doors are considered one number.	FAI Veri/Waterman	
13	3/2/2017	BFD has requested an 18" border of crushed stone around the base of the building. Veri/Waterman to review and include in base design.	FAI Veri/Waterman	

School Building Committee
March 16, 2017

Peebles Elementary School

Design Update

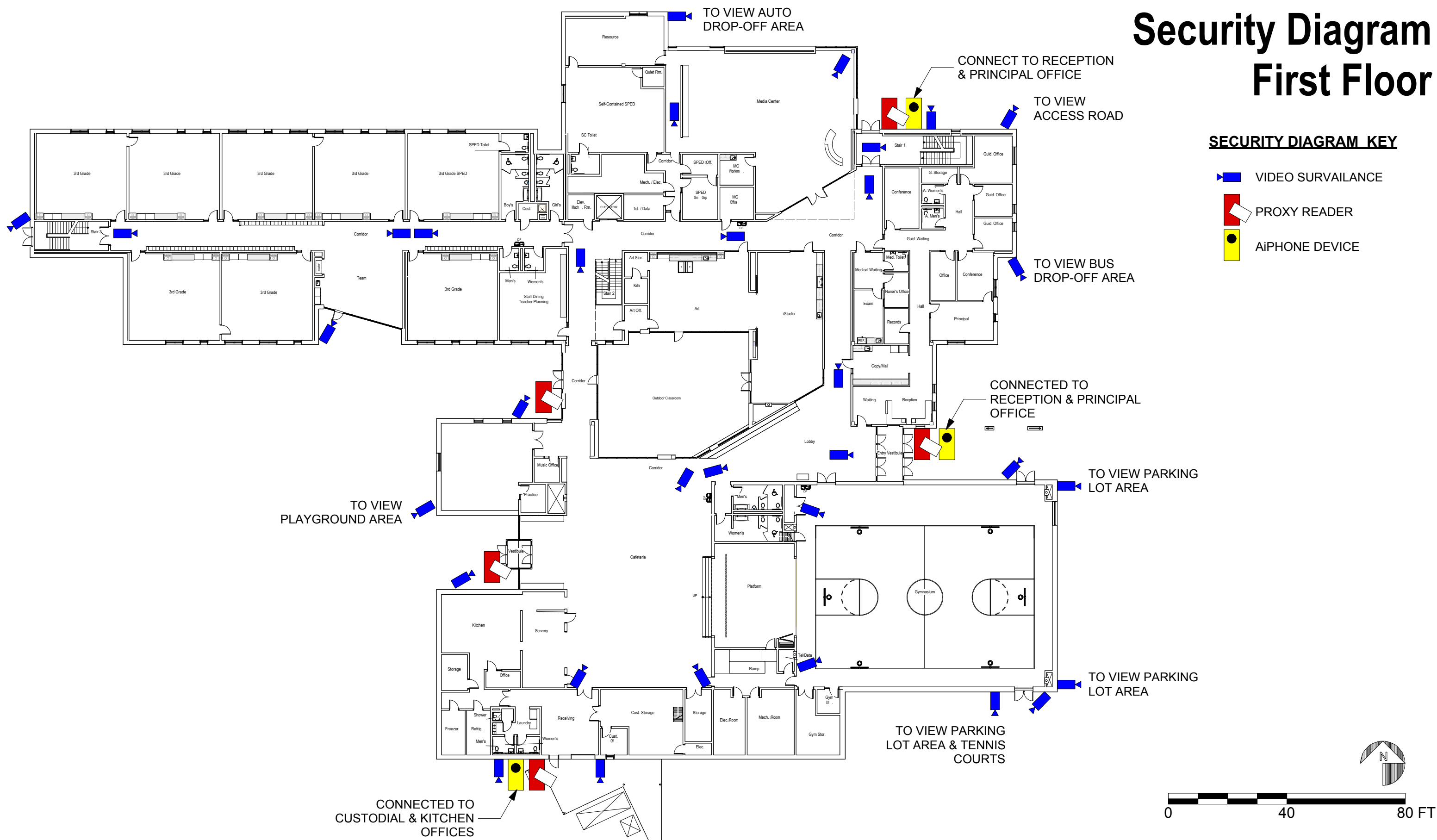


PROJECT MANAGEMENT **SMMA**
Massachusetts School Building Authority




Flansburgh Architects

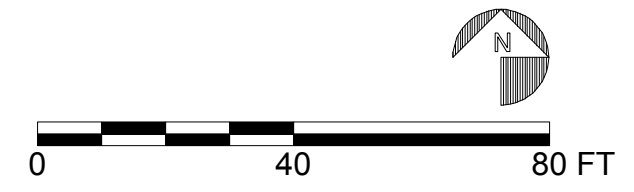
Security Update

Security Diagram First Floor



SECURITY DIAGRAM KEY




-  VIDEO SURVAILANCE
-  PROXY READER
-  AIPHONE DEVICE

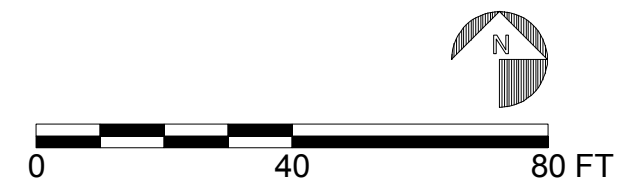


Security Diagram Second Floor

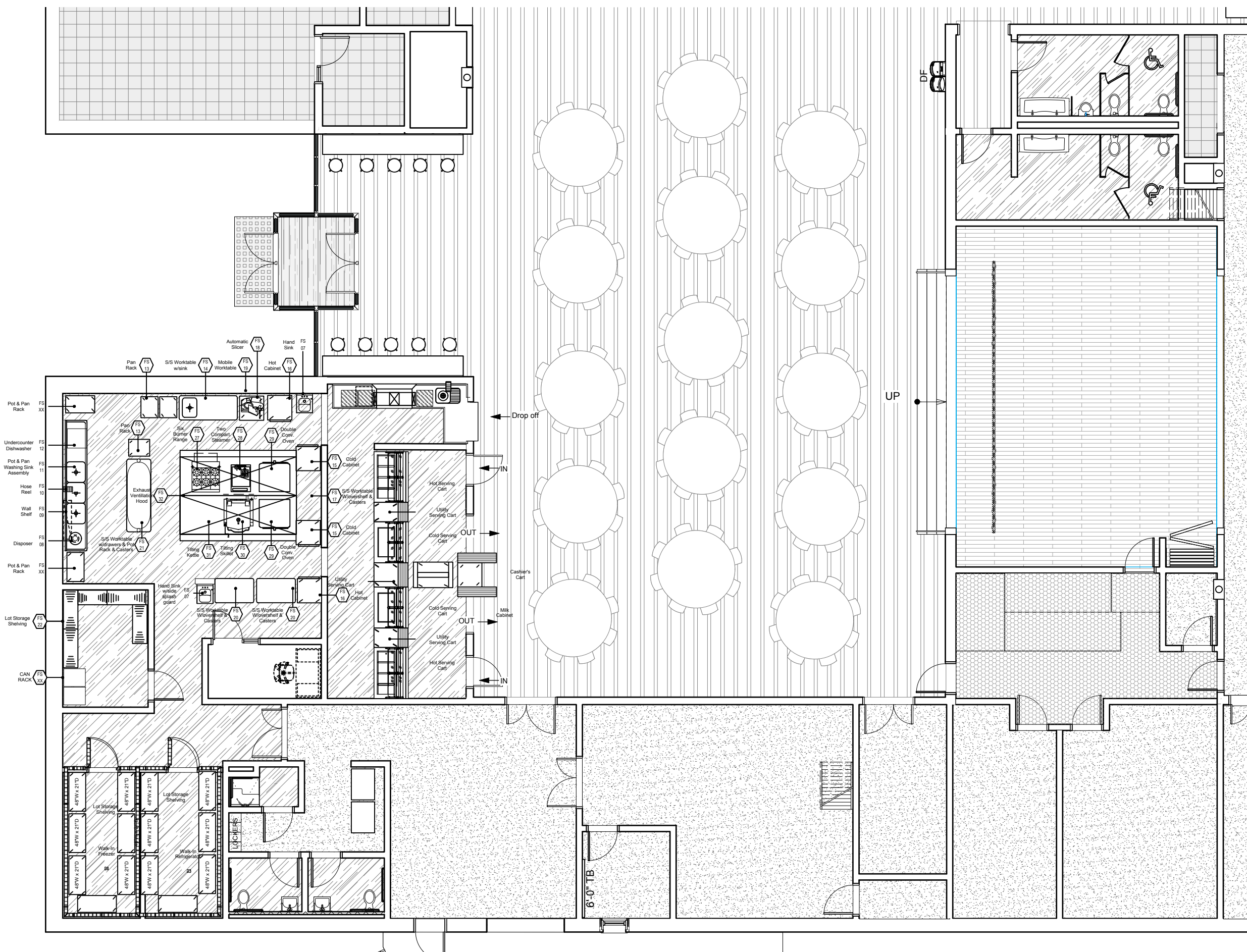


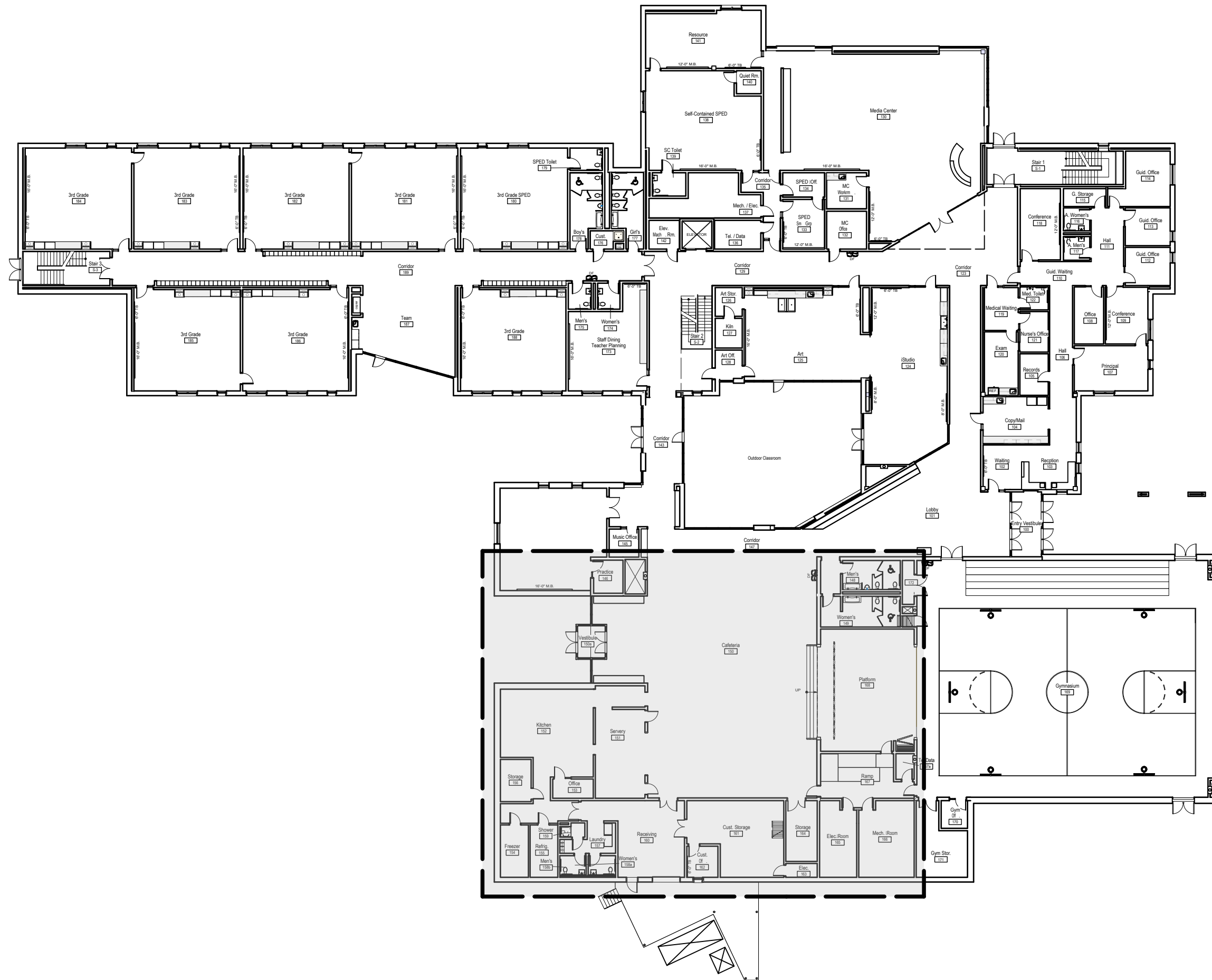
SECURITY DIAGRAM KEY

-  VIDEO SURVILLANCE
-  PROXY READER
-  AiPHONE DEVICE



Furniture and Equipment

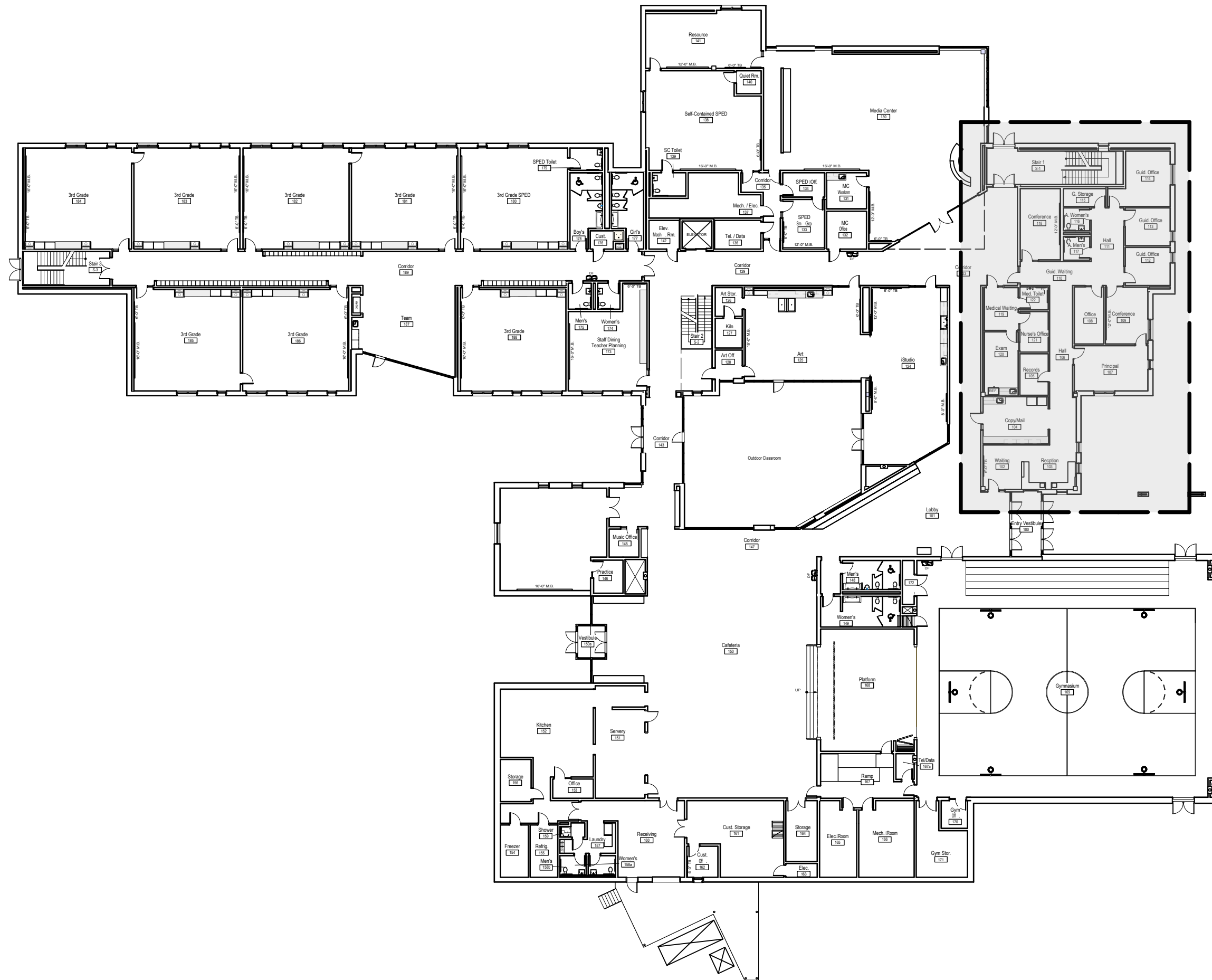




Peebles Elementary School
 Bourne, Massachusetts

KITCHEN & CAFETERIA

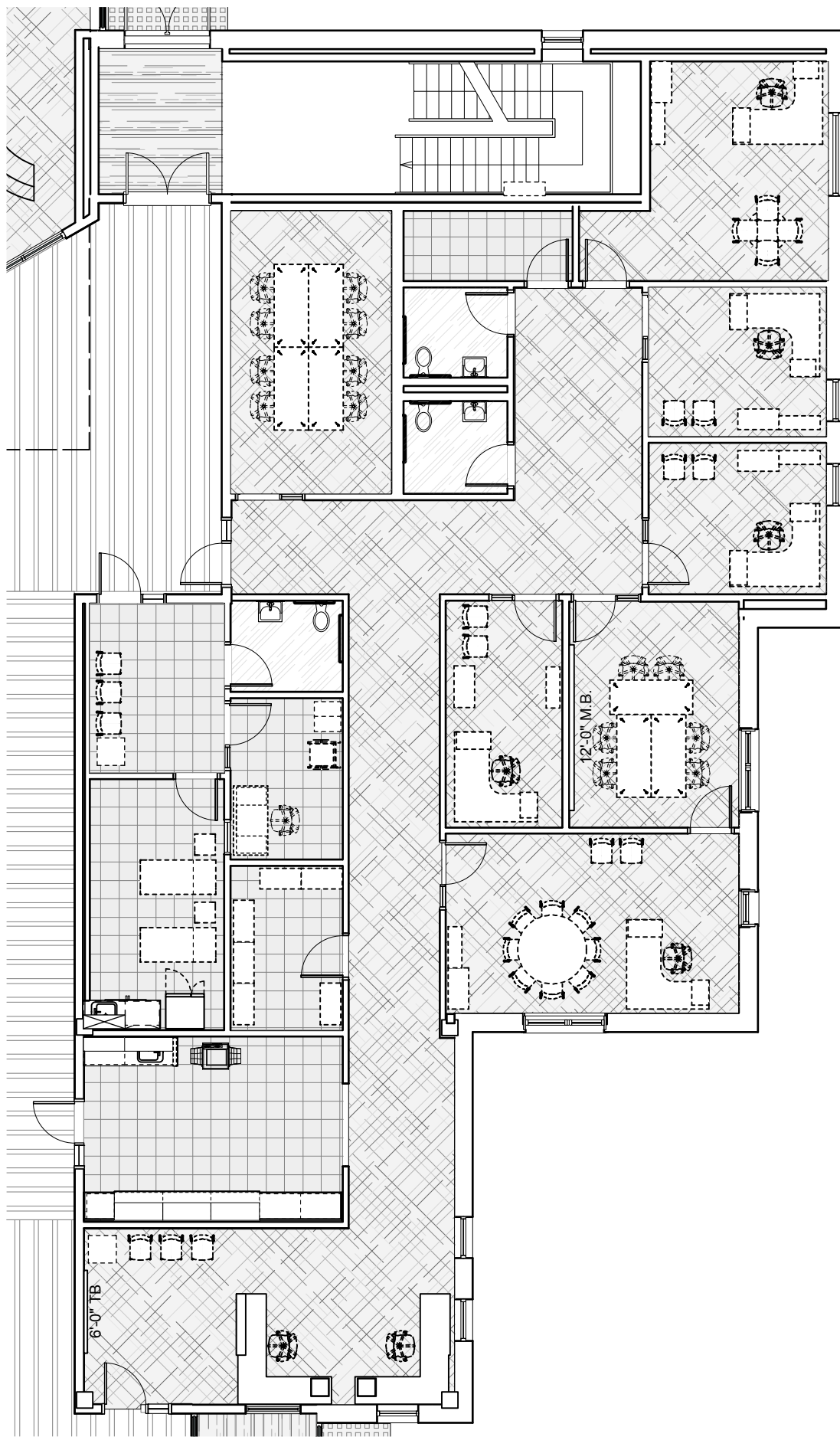
FLANSBURGH



Peebles Elementary School
 Bourne, Massachusetts

ADMIN. SUITE

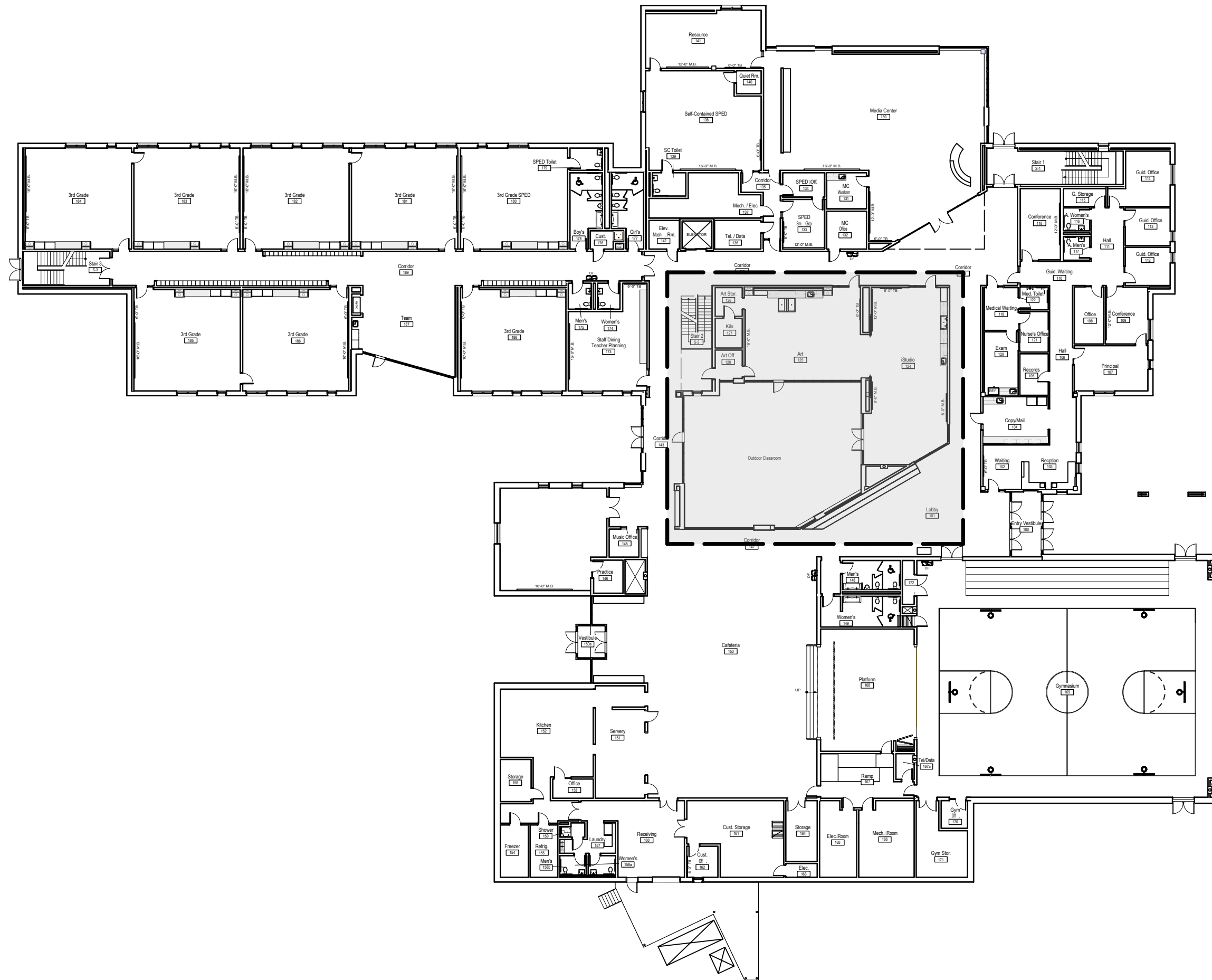
FLANSBURGH



Peebles Elementary School
Bourne, Massachusetts

ADMIN. SUITE

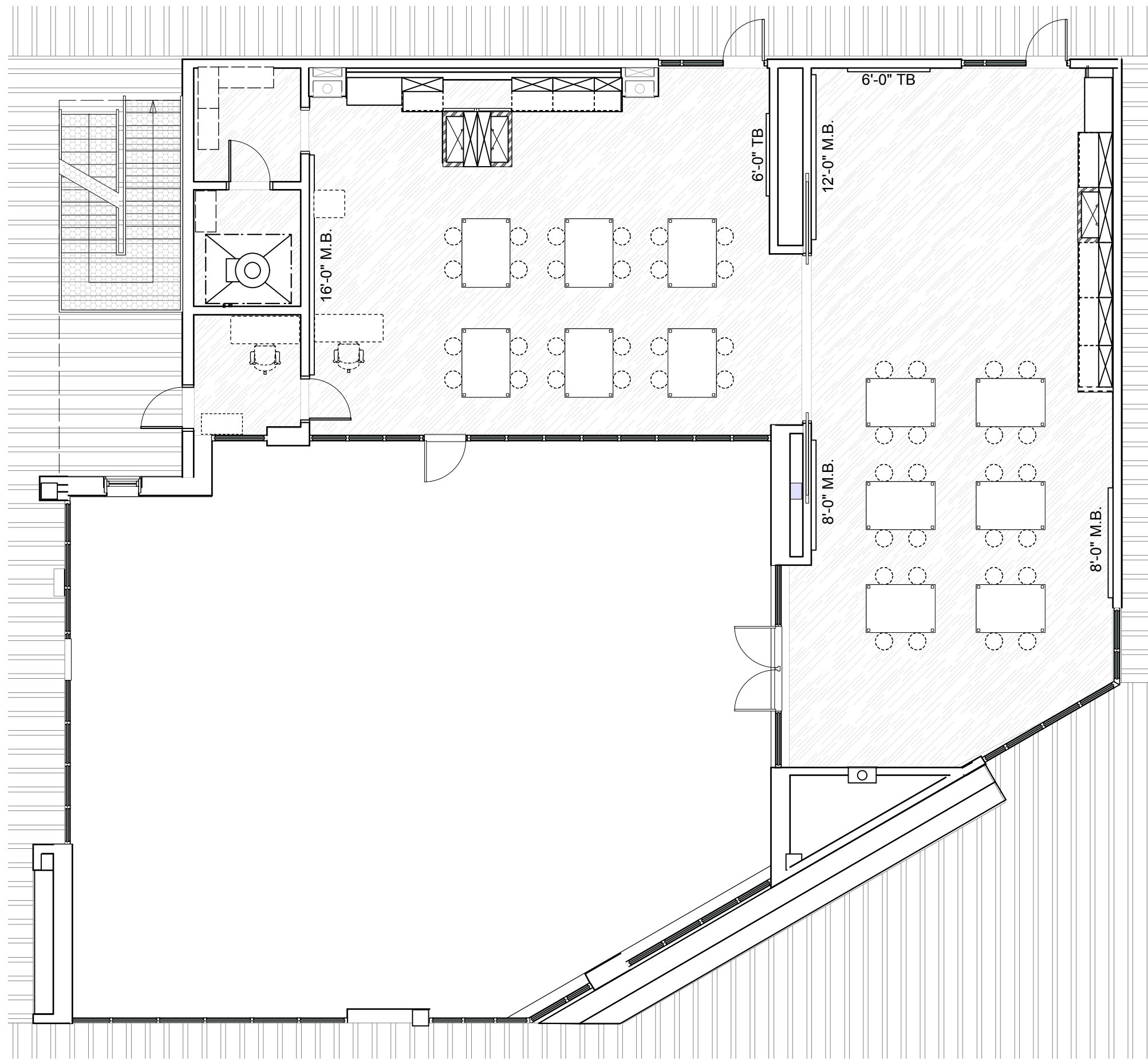
FLANSBURGH



Peebles Elementary School
 Bourne, Massachusetts

ART & iSTUDIO

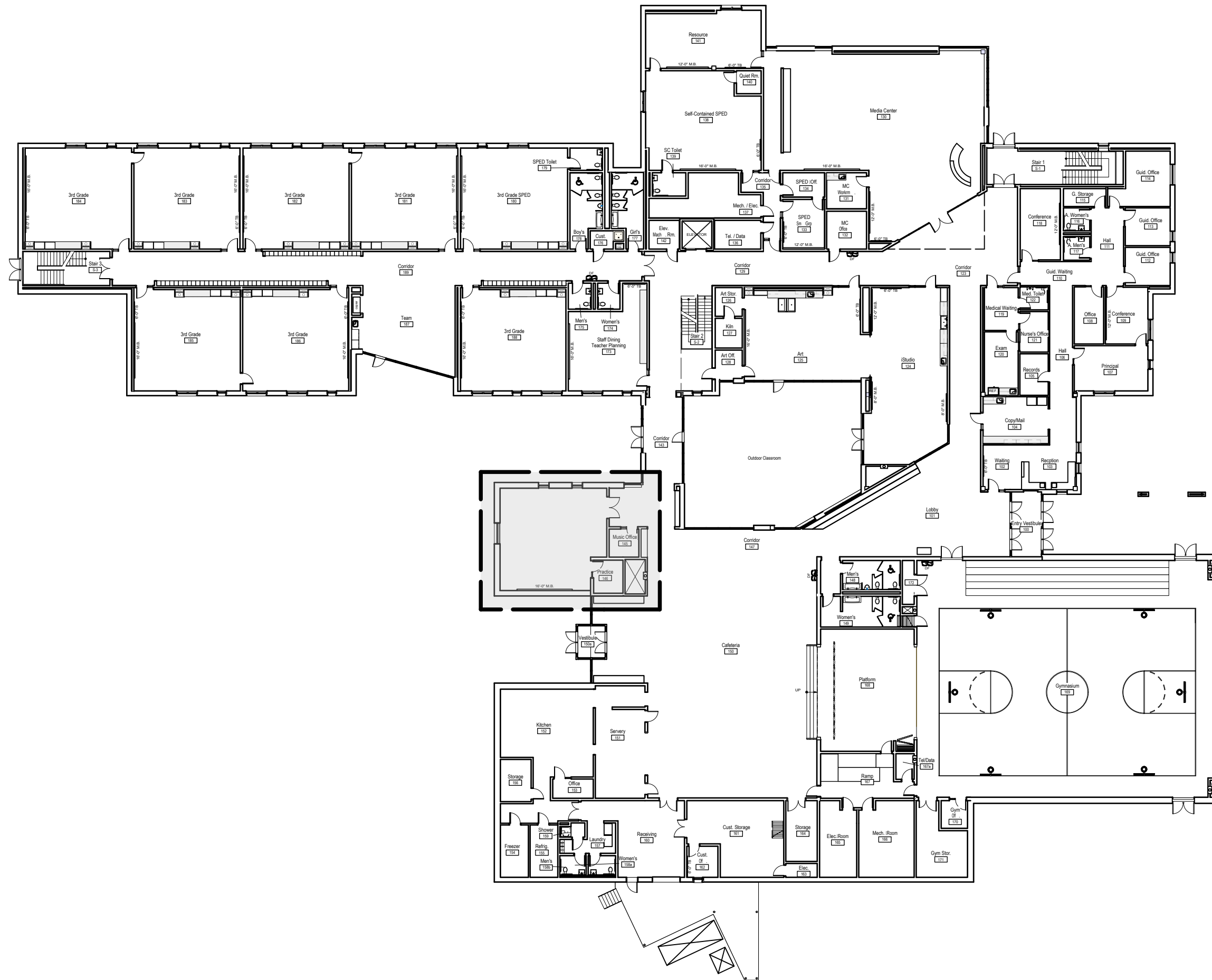
FLANSBURGH



Peebles Elementary School
Bourne, Massachusetts

ART & iSTUDIO

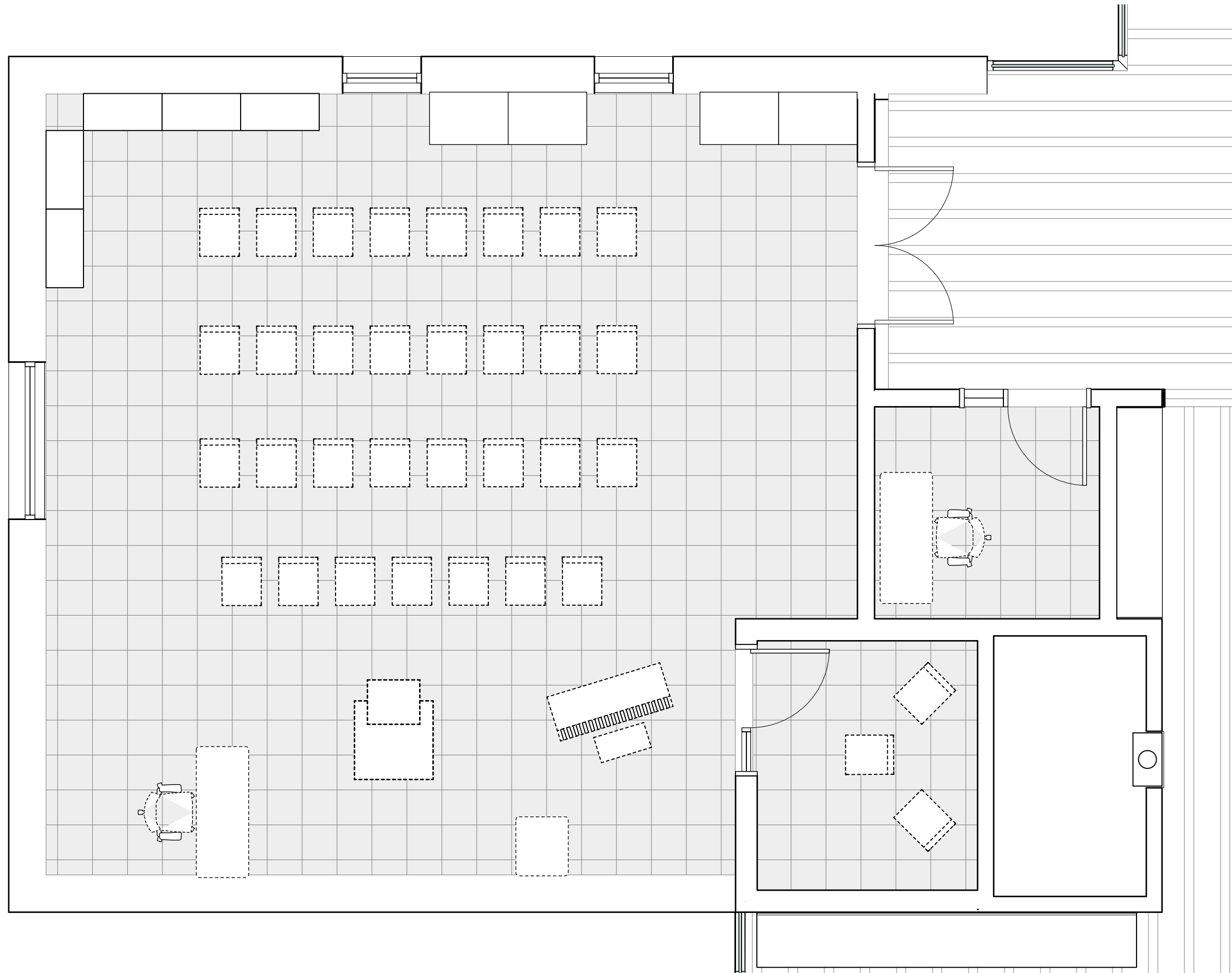
FLANSBURGH

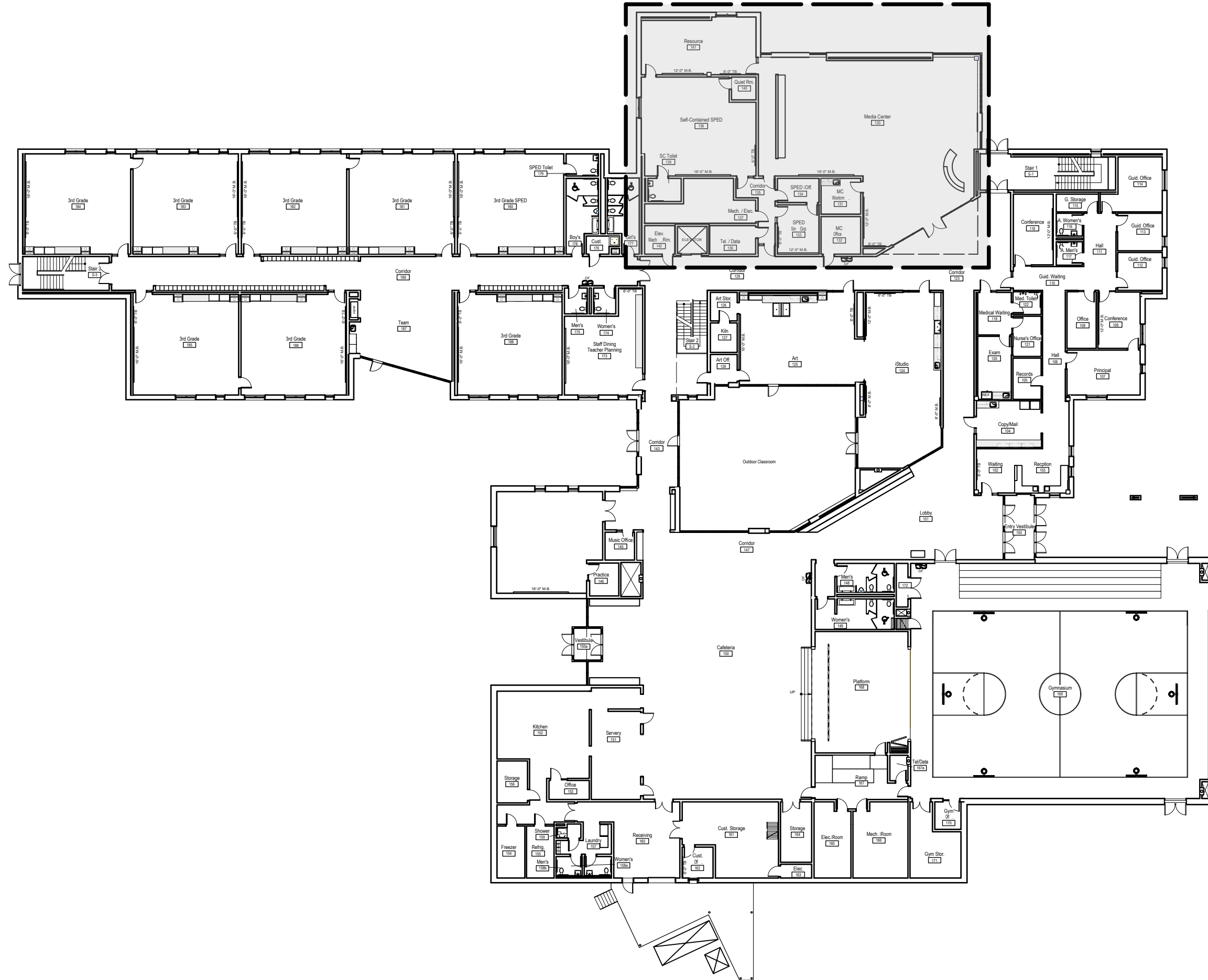


Peebles Elementary School
 Bourne, Massachusetts

MUSIC ROOM

FLANSBURGH

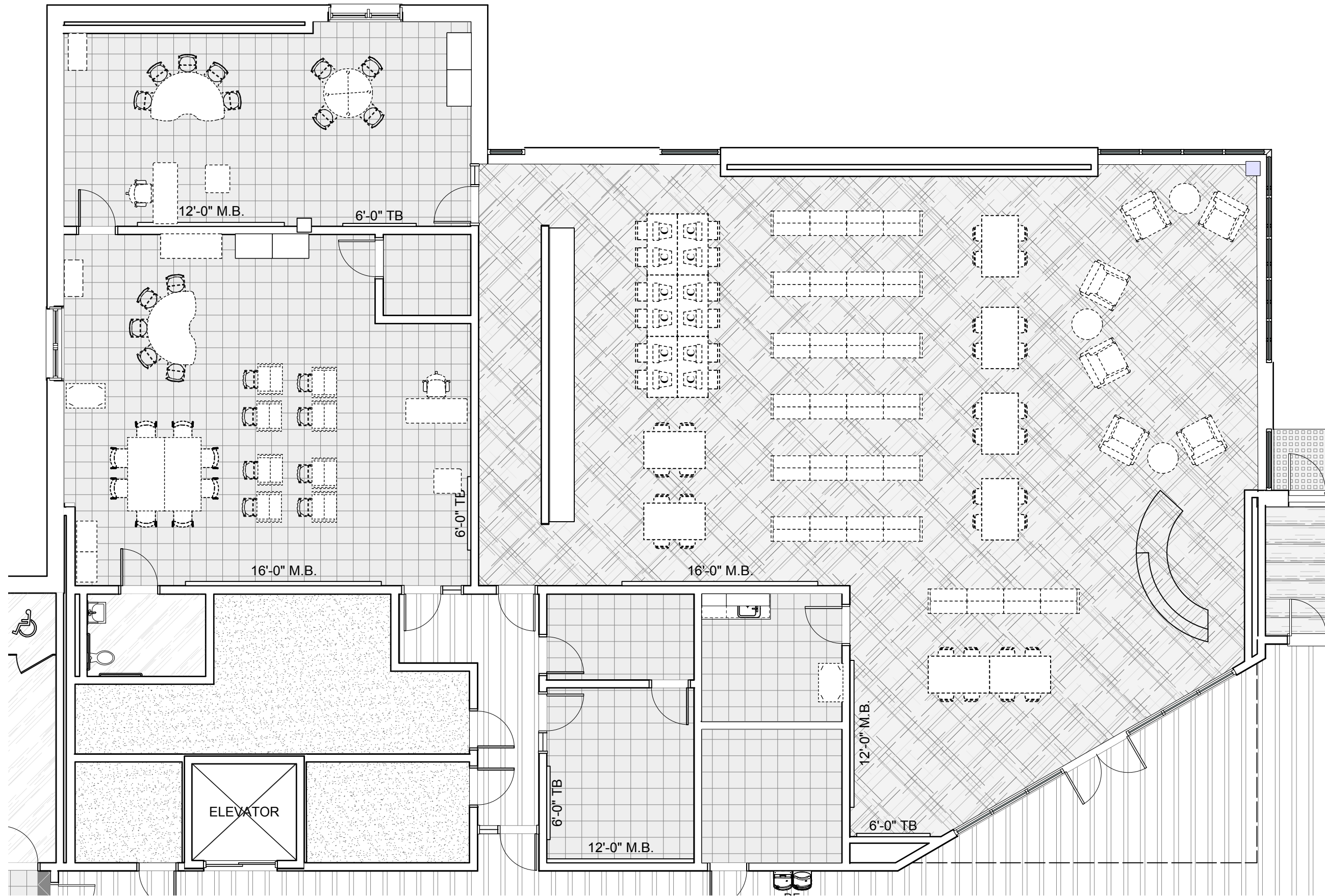


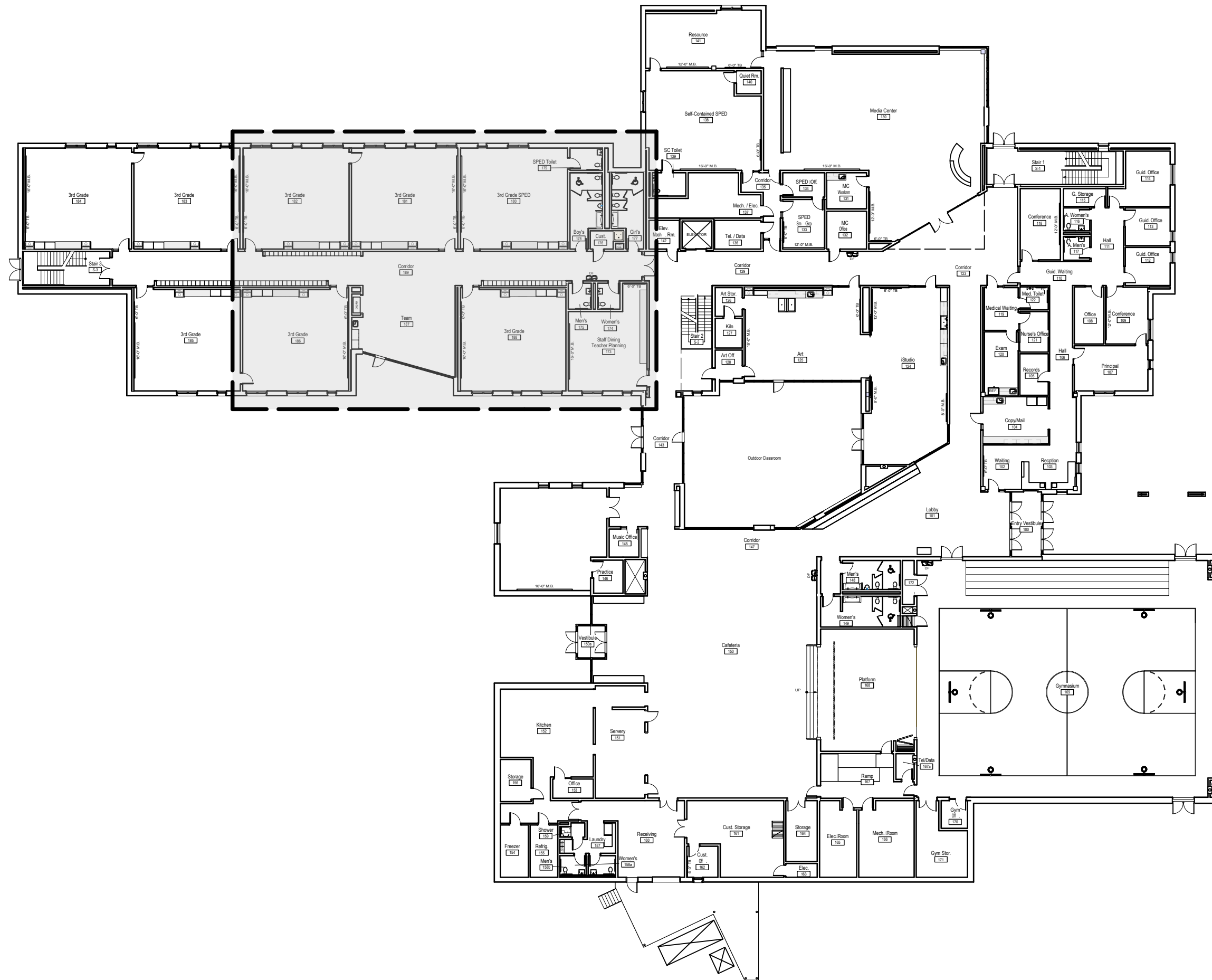


Peebles Elementary School
 Bourne, Massachusetts

MEDIA CENTER

FLANSBURGH

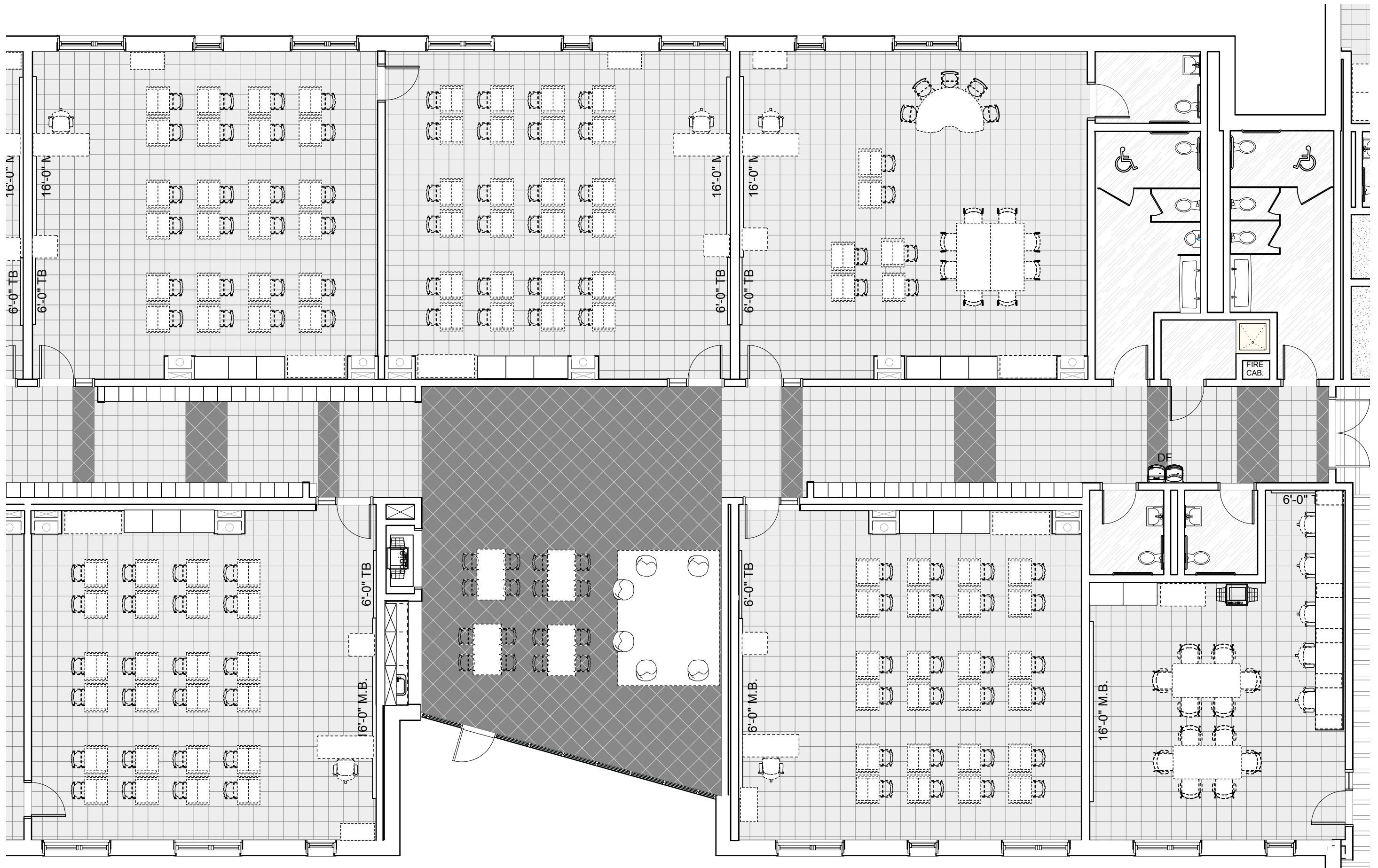




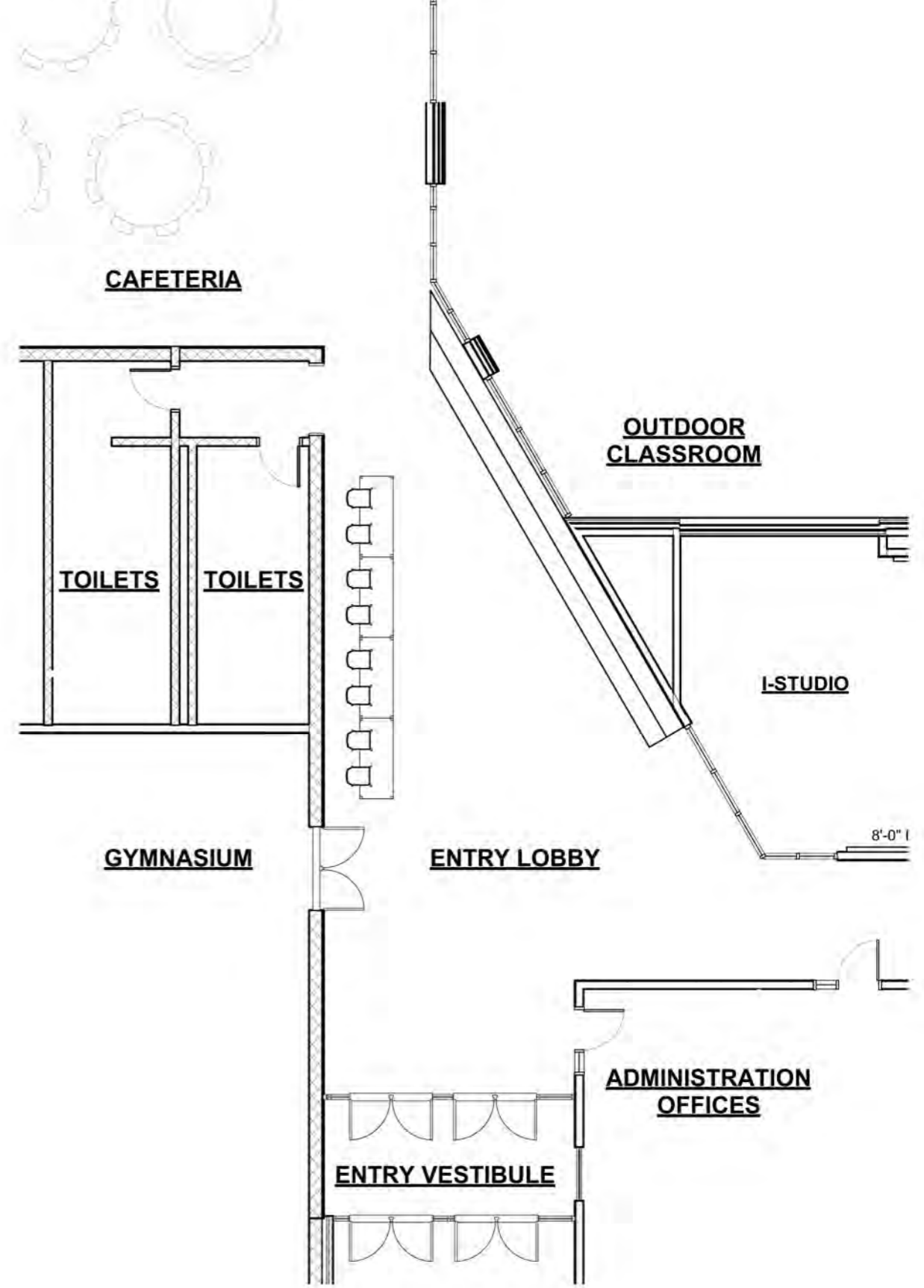
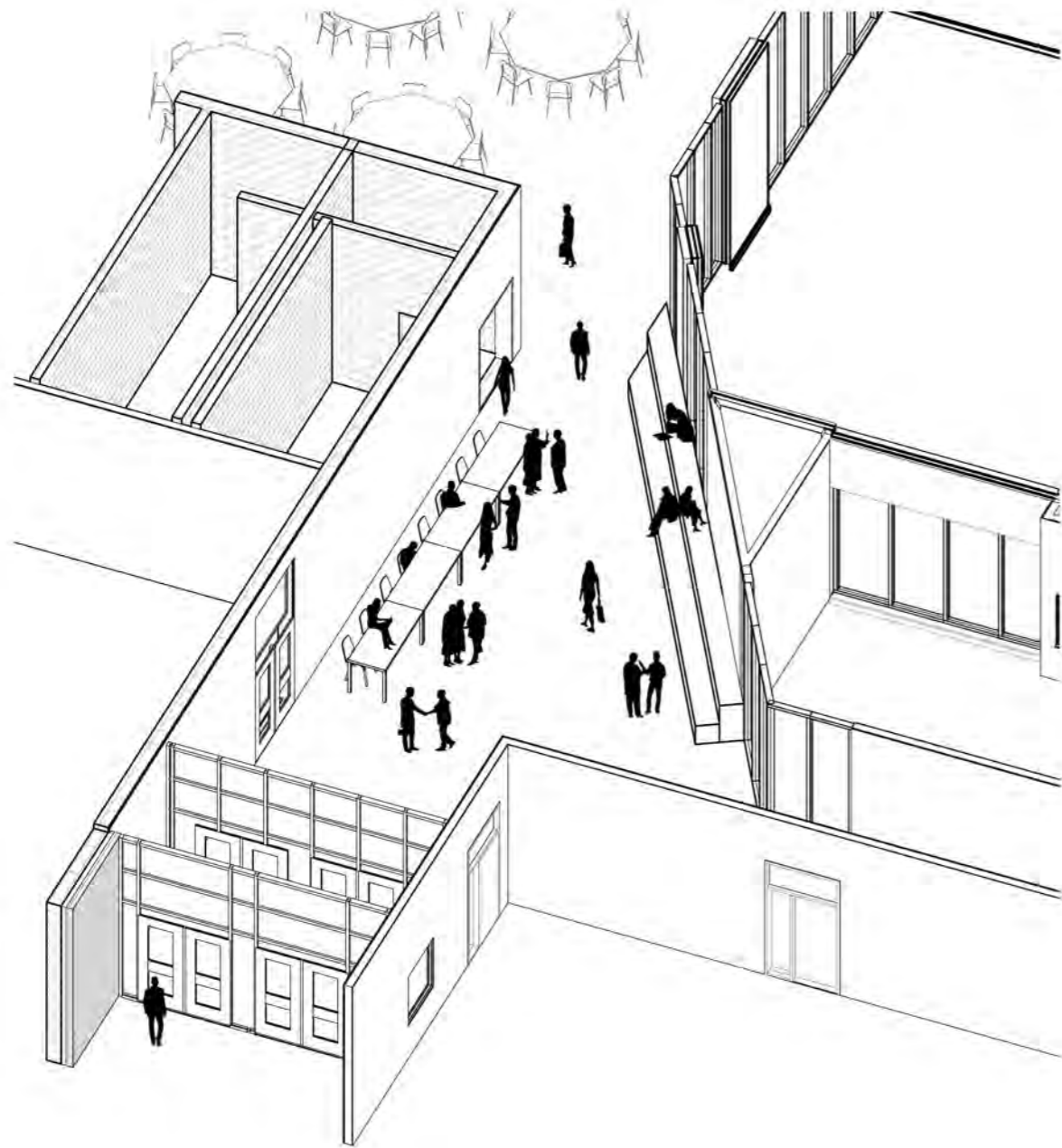
Peebles Elementary School
 Bourne, Massachusetts

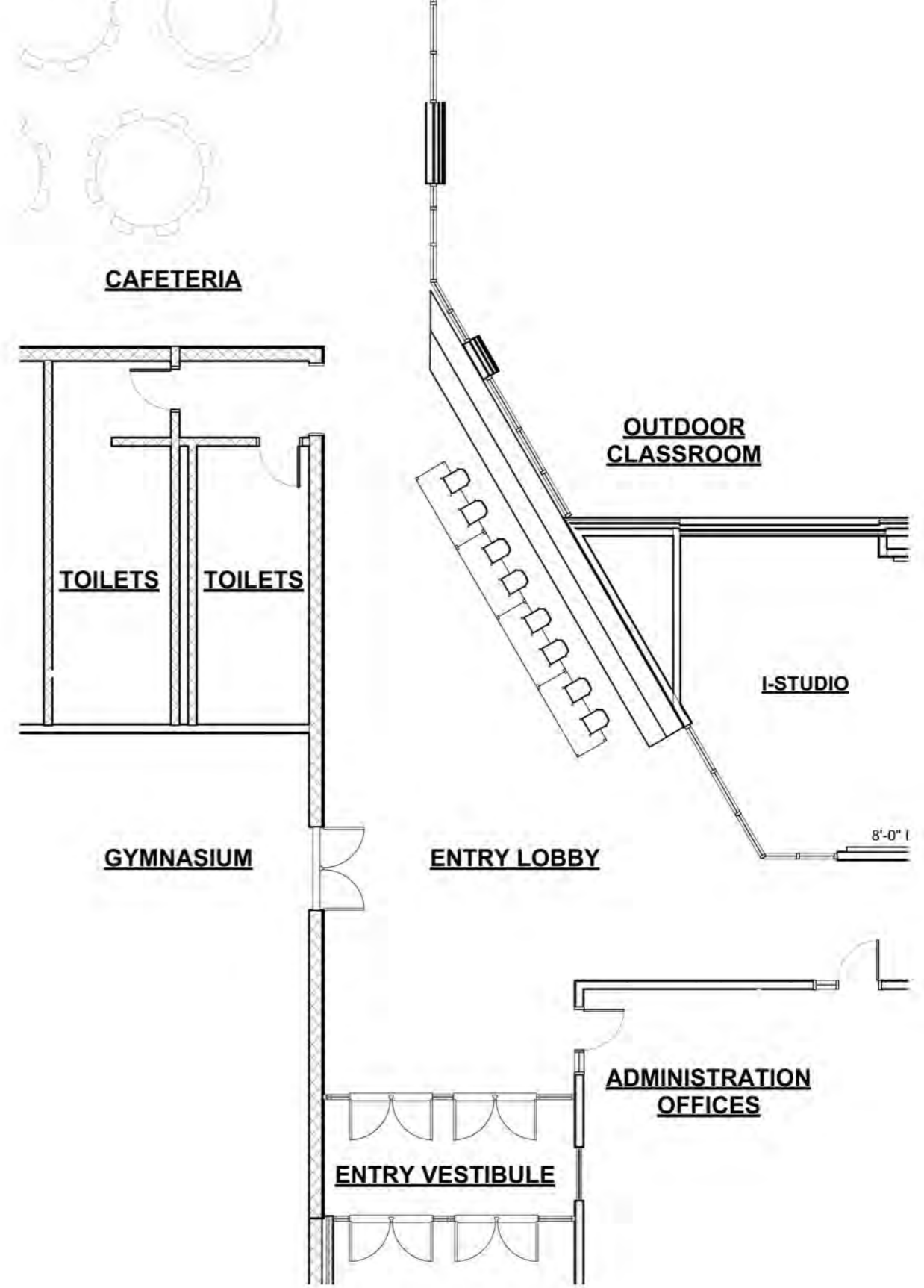
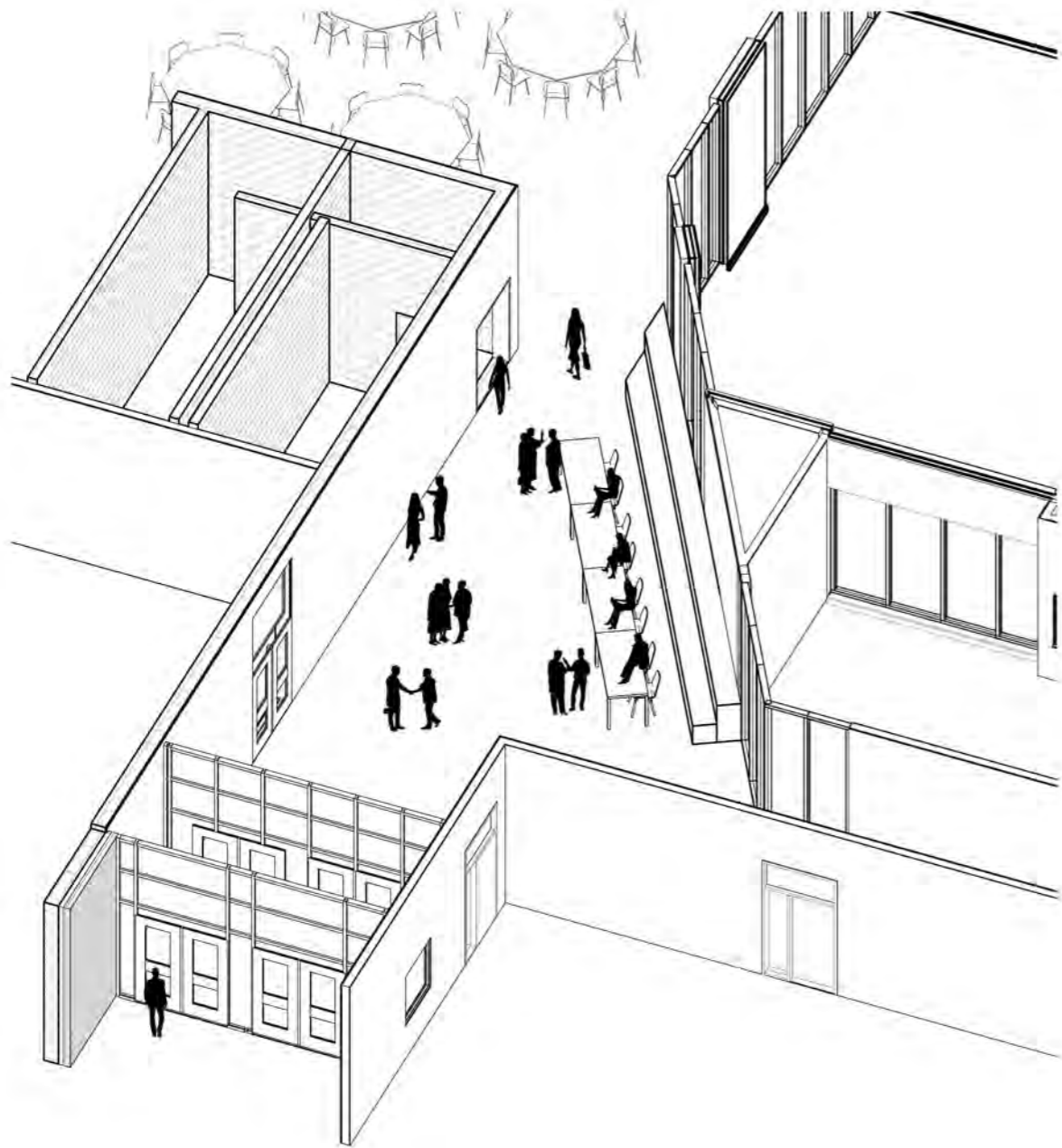
CLASSROOM WING

FLANSBURGH



Lobby Configuration Study





Phasing Plans

PHASE 2

COMMON MATERIAL STOCKPILE:

2,420 CY

TOPSOIL STOCKPILE:

570 CY

TOTAL STOCKPILE VOLUMES

COMMON MATERIAL STOCKPILE:

11,290 CY

TOPSOIL STOCKPILE:

2,860 CY

TOPSOIL STOCKPILE

CONTRACTOR ACCESS GATE

PERMANENT DRIVEWAY PAVEMENT

LIMIT OF WORK / CONTRACTOR FENCE

PERMANENT SCHOOL BUS DROP-OFF DRIVEWAY

ACCESS TO NEW PARKING LOT

NEW PAVEMENT AND PARKING LOT

PROPERTY LINE

ACCESSIBLE PARKING SPACES TO REMAIN

MAINTAIN ACCESS TO TRACK AND FIELD

NEW SCHOOL BUILDING

CONTRACTOR ZONE

PARKING LOT 42 SPACES

EXISTING ELEMENTARY SCHOOL BUILDING

6 SPACES

17 SPACES

15 SPACES

COMMON FILL STOCKPILE

CONTRACTOR ACCESS

PHASE 2

June 2019 through August 2019



PHASE 3

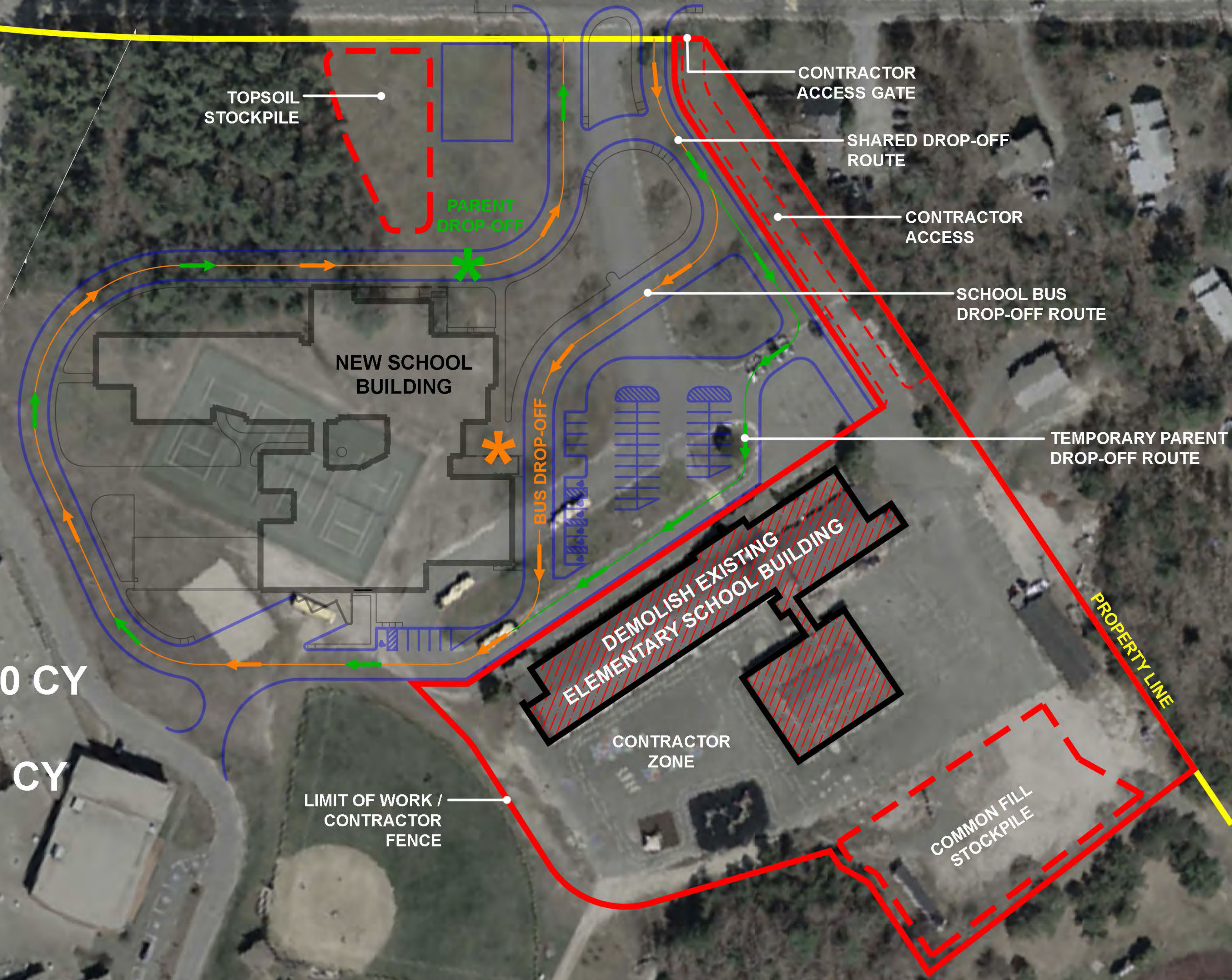
COMMON MATERIAL STOCKPILE: 0 CY

TOPSOIL STOCKPILE: 0 CY

TOTAL STOCKPILE VOLUMES

COMMON MATERIAL STOCKPILE: 11,290 CY

TOPSOIL STOCKPILE: 2,860 CY

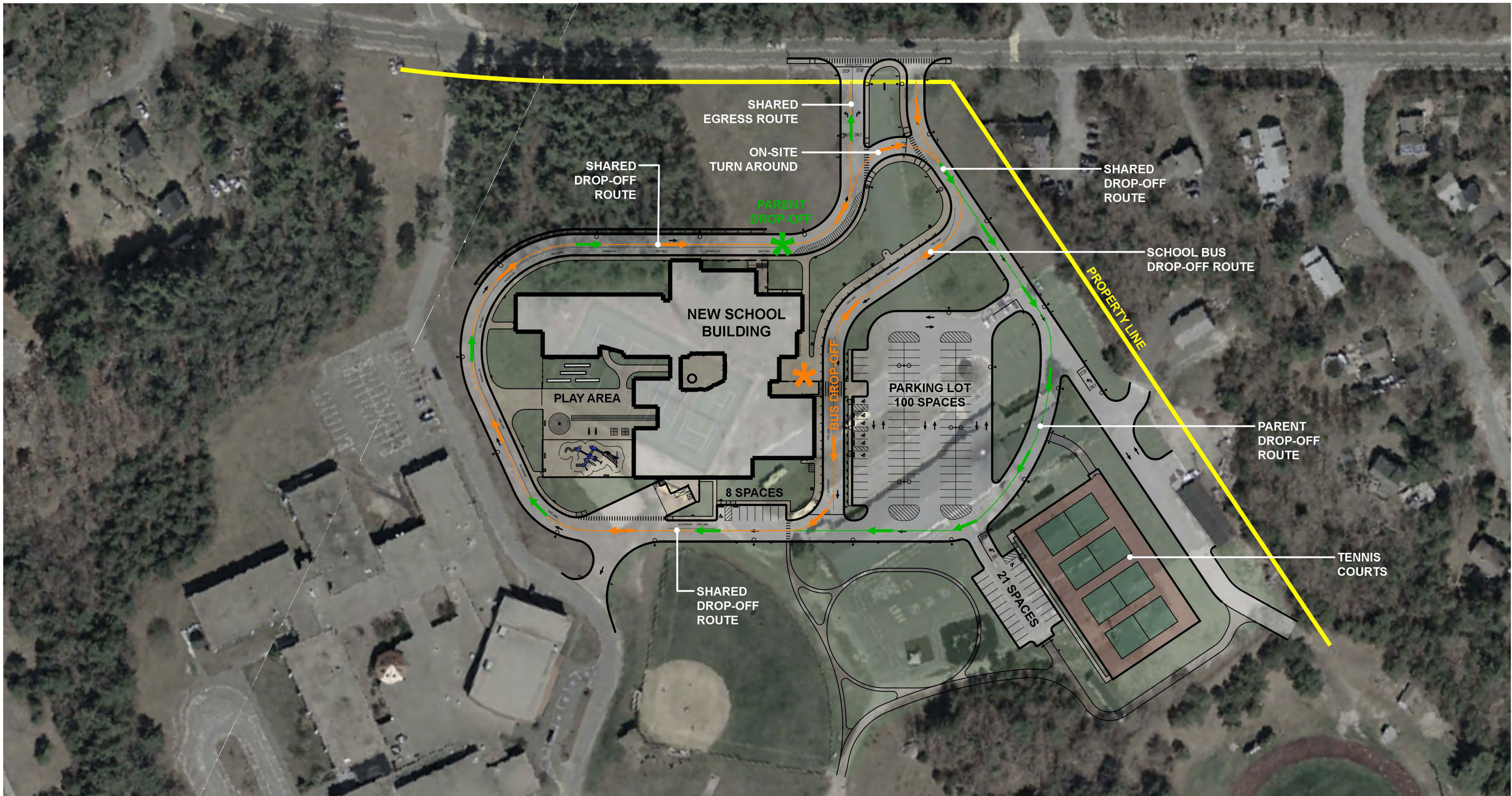


PHASE 3

August 2019 through November 2019

James F. Peebles Elementary School
Bourne, Massachusetts

FLANSBURGH



PROJECT COMPLETION

Illustrative Site Plan

James F. Peebles Elementary School
 Bourne, Massachusetts

FLANSBURGH