HMFH ARCHITECTS

SAUGUS DISTRICT-WIDE MASTER PLAN PROGRESS UPDATE

SAUGUS, MASSACHUSETTS

Lori Cowles, AIA Principal

April 28, 2016

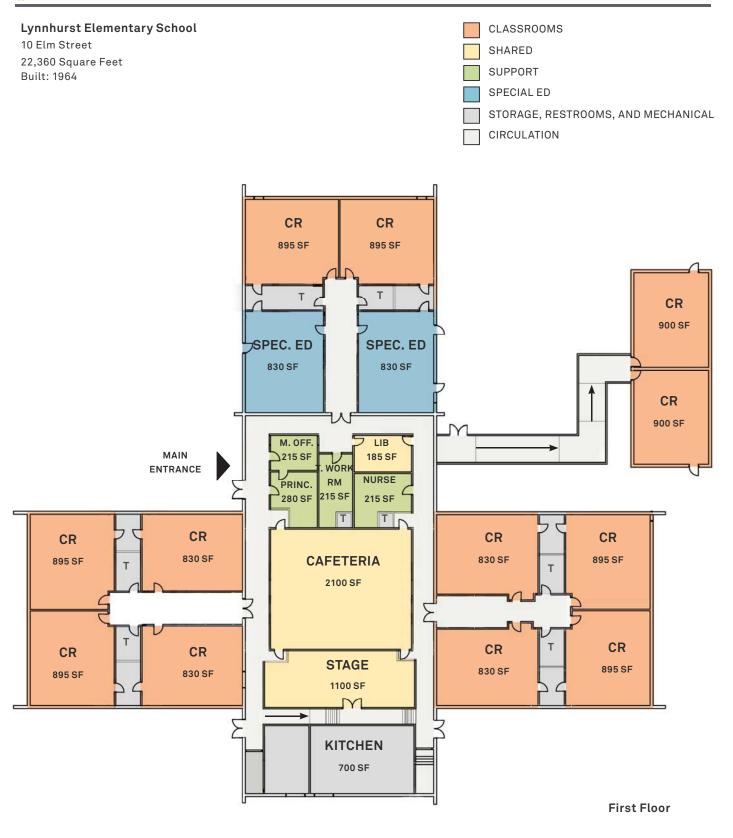
MASTER PLAN

- Educational Visioning Report (in progress)
- Facility assessment
- Space assessment
- Alternatives
- Conceptual costs

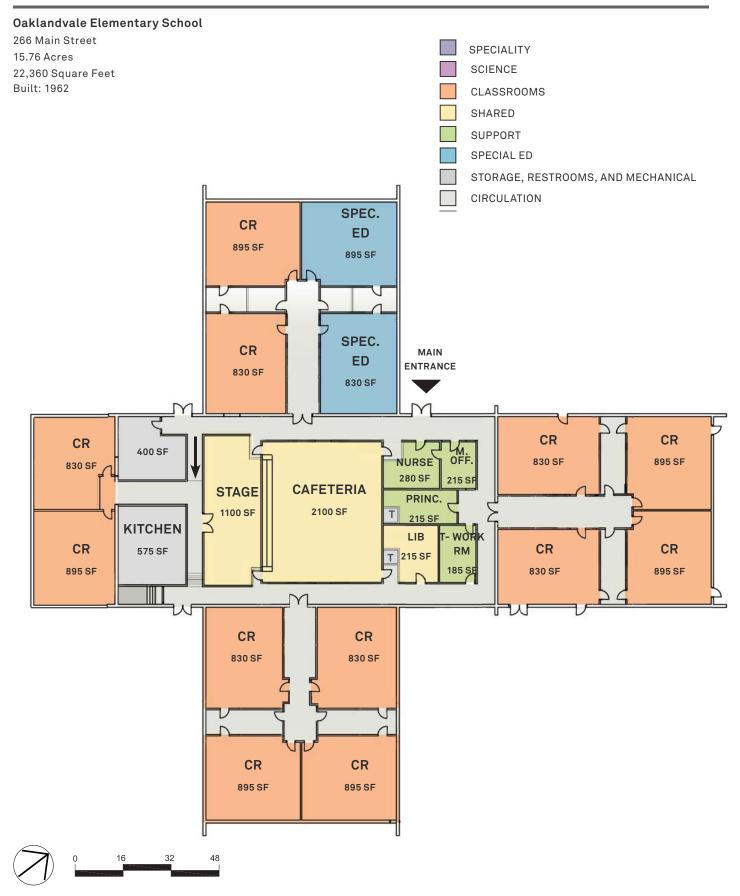
Ballard Early Childhood Center 22 Richard Street CLASSROOMS 0.65 Acres SHARED 10,800 Square Feet Built: 1911 SUPPORT SPECIAL ED MULTIPURPOSE CR STORAGE, RESTROOMS, AND MECHANICAL **LIBRARY** LIBRARY 615 SF 615 SF CIRCULATION 220 SF 220 SF CR CR 615 SF 615 SF Second Floor ROOF PRINCIPAL'S **NURSE** CR CR **OFFICE** 140 SF 615 SF 615 SF 140 SF SECRETARY-60 SF CR CR 615 SF 615 SF First Floor MAIN **ENTRANCE** Т STOR CAFE/ **MECH KITCHEN** 615 SF **CAFETERIA** CR 615 SF 615 SF **Basement**

32

48

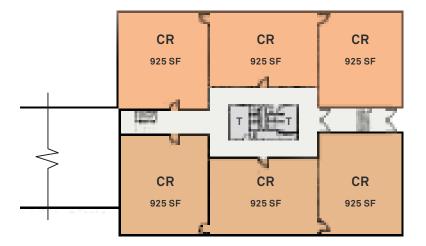




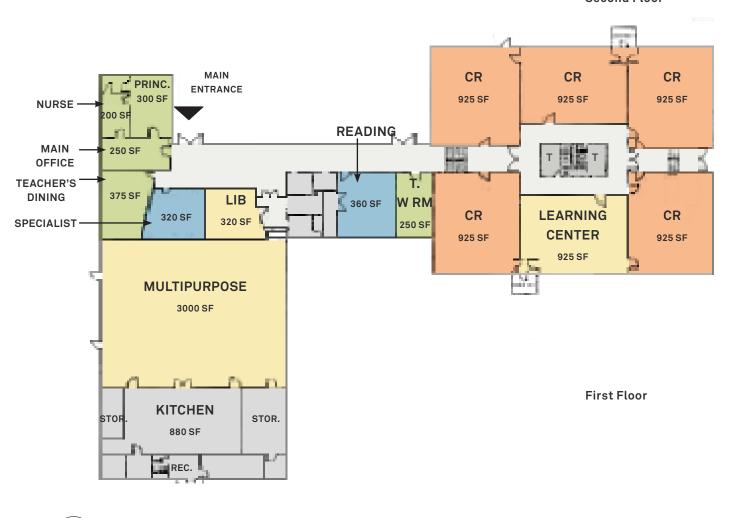


Waybright Elemenary School

25 Talbot Street 16.66 Acres 27,100 Square Feet Built: 1965



Second Floor





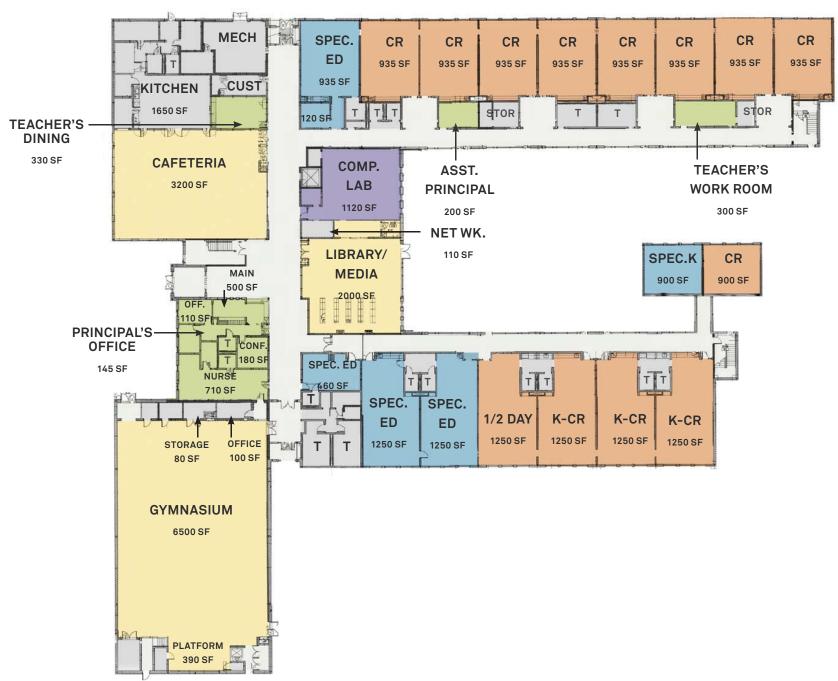
Veterans Memorial Elementary School

39 Hurd Avenue

1.59 Acres

80,350 Square Feet

Built: 2000



First Floor

CLASSROOMS

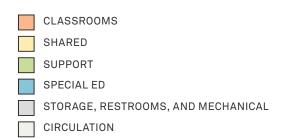
STORAGE, RESTROOMS, AND MECHANICAL

SHARED
SUPPORT
SPECIAL ED

CIRCULATION





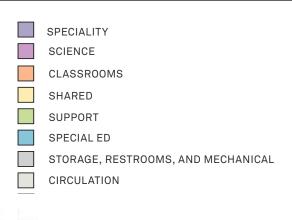


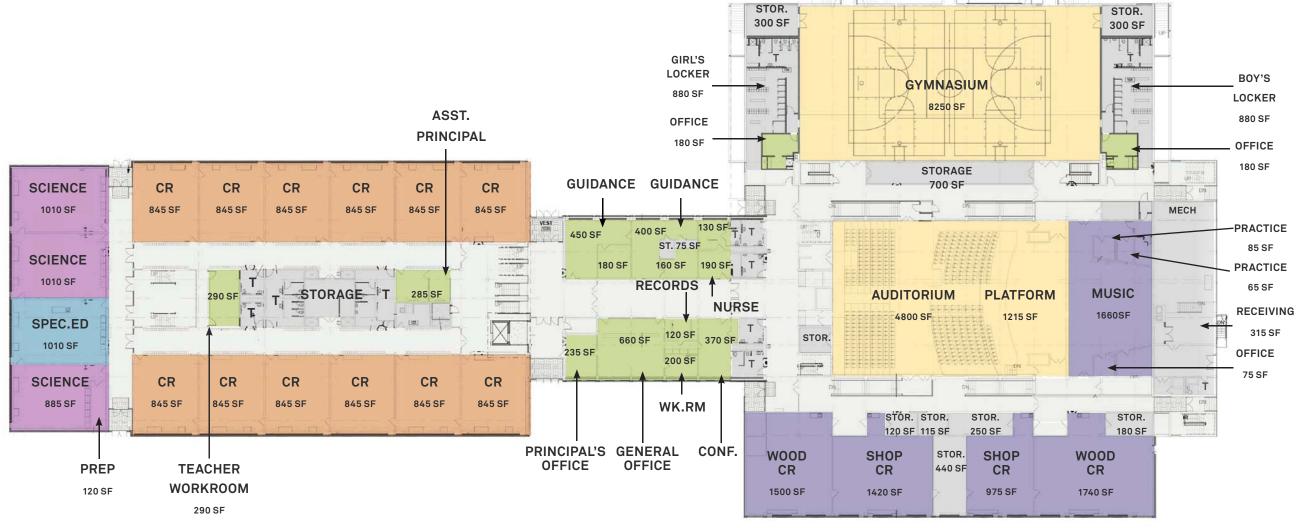
Belmonte Middle School

25 Dow Street 16.70 Acres

159,800 Square Feet

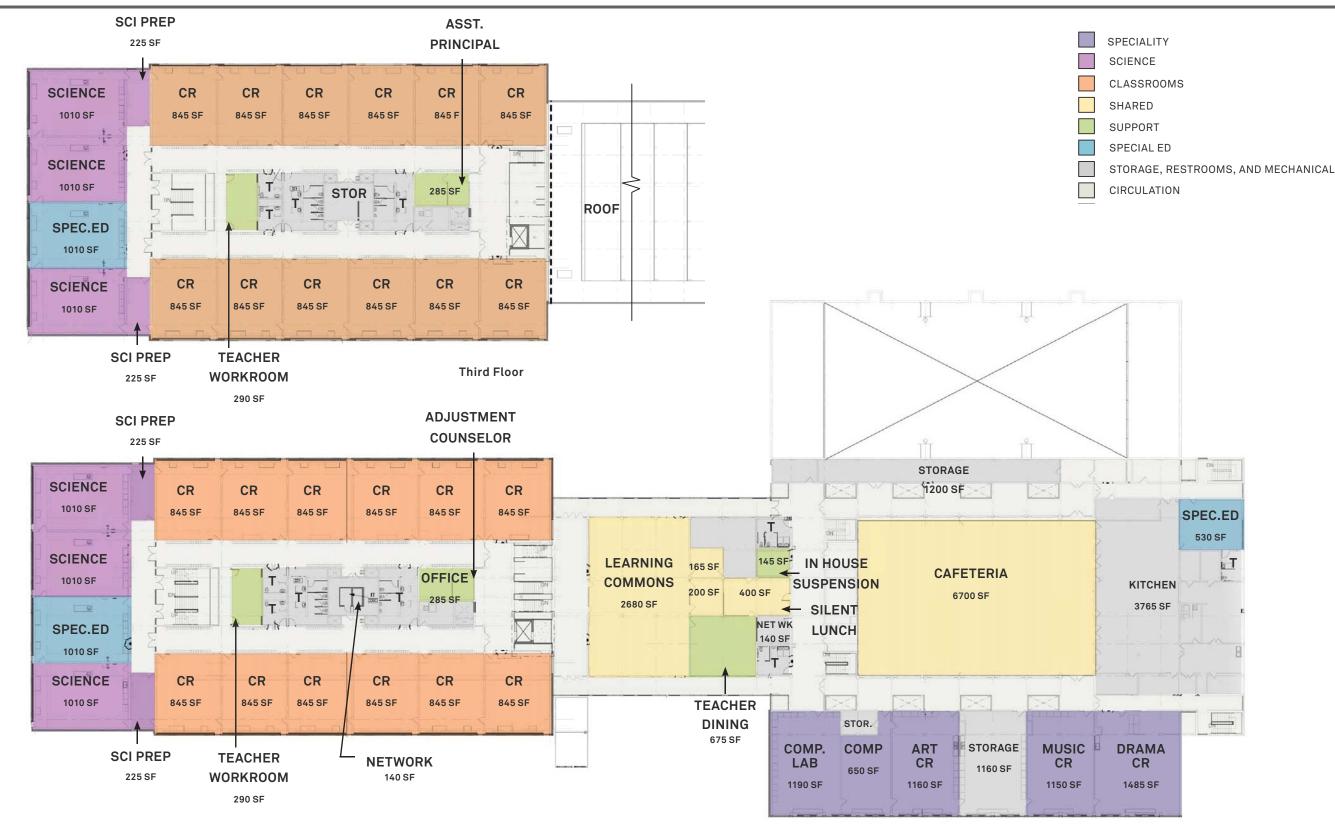
Built: 1964, Renovated: 2014





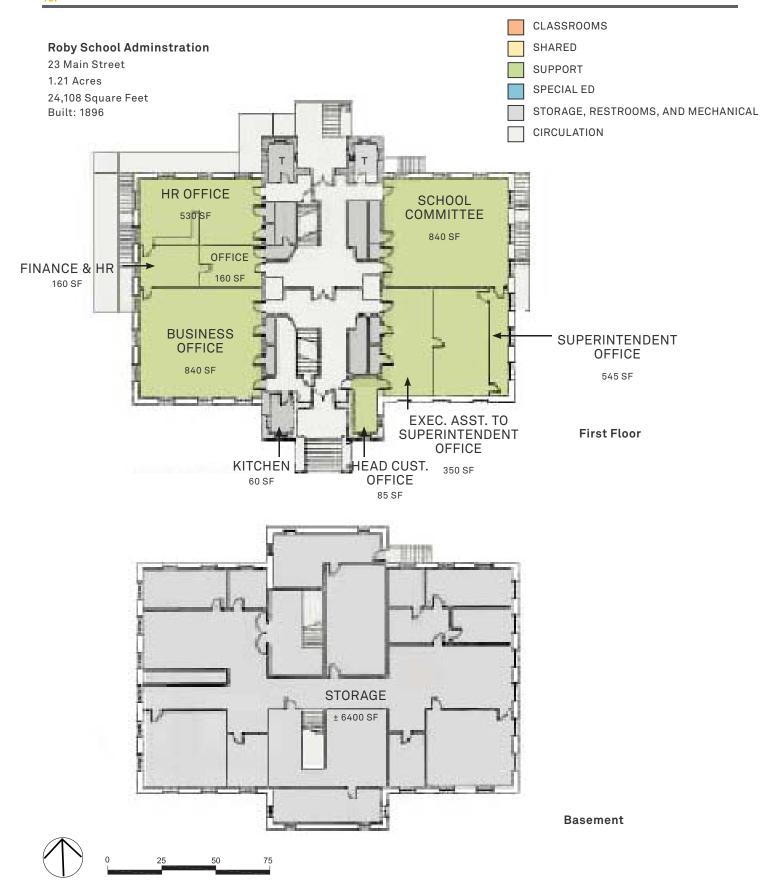
First Floor

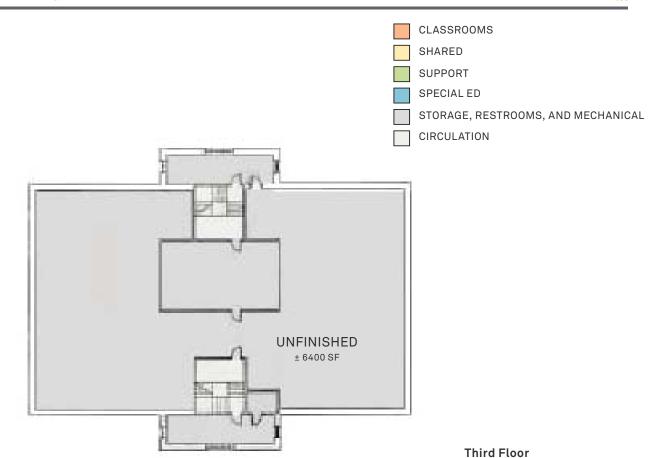


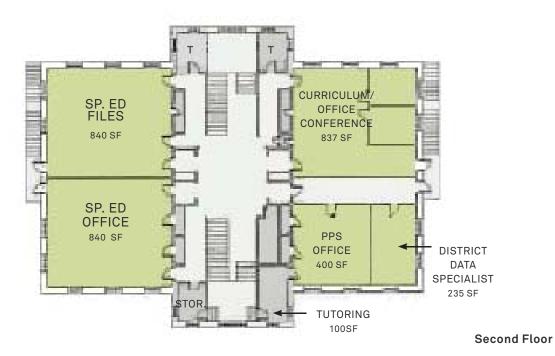




Second Floor









Proposed Space Summary- Elementary Schools

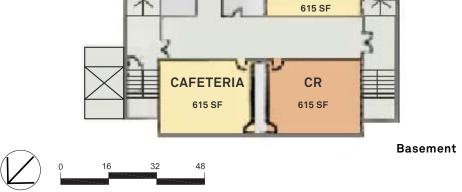
ROOM TYPE ROOM NFA ¹ # OF RI CORE ACADEMIC SPACES (List classrooms of different sizes separately) Pre-Kindergarten wi toilet Kindergarten wi toilet General Classrooms - Grade 1-5 General Classrooms - Grade 1-5 SPECIAL EDUCATION (List rooms of different sizes separately) Self-Contained SPED Self-Contained SPED - toilet	10,175 925 9,250
(List classrooms of different sizes separately) Pre-Kindergarten w/ toilet 925 1 General Classrooms - Grade 1-5 925 10 SPECIAL EDUCATION 925 925 10 Self-Contained SPED 926 927 927 928	925
(List classrooms of different sizes separately) Pre-Kindergarten w/ toilet 925 1 General Classrooms - Grade 1-5 925 10 SPECIAL EDUCATION 925 925 10 Self-Contained SPED 926 927 927 928	925
Pre-Kindergarten w/ toilet	
Kindergarten w/ toilet 925 1	
General Classrooms - Grade 1-5 925 10	
General Classrooms - Grade 1-5 SPECIAL EDUCATION (List rooms of different sizes separately) Self-Contained SPED Self-Contained SPED - toilet	
(List rooms of different sizes separately) Self-Contained SPED Self-Contained SPED - toilet	
(List rooms of different sizes separately) Self-Contained SPED Self-Contained SPED - toilet	1,605
Self-Contained SPED Self-Contained SPED - toilet	
Self-Contained SPED - toilet	
	_
Resource Room "Learning Center" 925 1	925
Small Group Room / Reading 360 1	360
Specialist area 320 1	320
ART & MUSIC	0
Art Classroom - 25 seats	
Art Workroom w/ Storage & kiln	
Music Classroom / Large Group - 25-50 seats	
Music Practice / Ensemble	
HEALTH & PHYSICAL EDUCATION	0
Gymnasium	
Gym Storeroom	
Health Instructor's Office w/ Shower & Toilet	
MEDIA CENTER	320
Media Center / Reading Room 320 1	320
DINING & FOOD SERVICE	4,255
Cafeteria / Dining 3,000 1	3,000
Stage	,
Chair / Table / Equipment Storage	
Kitchen 880 1	880
Staff Lunch Room 375 1	375
MEDICAL	200
Medical Suite Toilet	200
Nurses' Office / Waiting Room 200 1	200
Examination Room / Resting	200
ADMINISTRATION & CHIDANCE	800
ADMINISTRATION & GUIDANCE General Office / Waiting Room / Toilet 250 1	250
Teachers' Mail and Time Room	250
Duplicating Room	
Records Room	
Principal's Office w/ Conference Area 300 1	300
Principal's Secretary / Waiting	300
Assistant Principal's Office	_
Supervisory / Spare Office	-
Conference Room	_
Guidance Office	_
Guidance Storeroom	_
Teachers' Work Room 250 1	250

				PROPOSEI)			
Existing to Remain/Renovated		New			Total			
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
	6	6,100		6	5,350		12	11,450
1,200	2	2,400						2,400
925	4	3,700	925	5	4,625			8,325
			725	1	725			725
		2,000			1,000			3,000
940	2	1,880						1,880
60	2	1,000						120
	-	.20	500	1	500			500
			500	1	500			500
							1	
		4.050						4.050
925	1	1,850 925			0			1,850
150	0	-						(
925	1	925						925
75	0	-						C
		0	0.000	4	6,300			6,300
			6,000 150	1	6,000 150			6,000 150
			150	1	150			150
		0			2,020			2,020
			2,020	1	2,020			2,020
		4.050						4.050
2,000	1	4,850 2,000			0			4,850 2,000
860	1	860						860
190	1	190						190
1,600	1	1,600						1,600
200	1	200						200
		410			0			410
60	1	60			U			60
250	1	250						250
100	1	100						100
200		1,365			300			1,665
300 100	1	300 100		1			1	300 100
150	0	-					1	100
110	1	110						110
			300	1	300	,		300
125	0	-					-	(
120	1	120					 	120
250	1	250					1	250
150	1	150						15
35	1	35						3
300	1	300		1				300

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	# OF RMS	area totals	Comments			
	11	10,950				
1,200		-	1,100 SF min - 1,300 SF max			
1,200	9	2,400	1,100 SF min - 1,300 SF max			
950	9	8,550	900 SF min - 1,000 SF max			
		3,020				
		3,020				
950	2	1,900	8% of pop. in self-contained SPED			
60	2	120	6 % or pop. In sen-contained SPED			
500	1	500	1/2 size Genl. Clrm.			
500	1	500	1/2 size Geni. Cirm. 1/2 size Geni. Cirm.			
	·	300	Jan. San.			
		2,500				
1,000	1	1,000	assumed schedule 2 times / week / student			
150	1	150				
1,200	1	1,200	assumed schedule 2 times / week / student			
75	2	150				
		6,300				
6,000	1	6,000	6000 SF Min. Size			
150	1	150				
150	1	150				
		2,020				
2,020	1	2,020				
		4,898				
1,898	1	1,898	2 seatings - 15SF per seat			
1,000	1	1,000				
200	1	200				
1,600	1	1,600	1600 SF for first 300 + 1 SF/student Add'l			
200	1	200	20 SF/Occupant			
		510				
60	1	510				
250	1	250				
100	2	200				
.00	_	250				
		2,015				
300	1	300				
100	1	100				
150	1	150				
110	1	110				
375	1	375				
125	1	125				
120	0	-				
120	1	120				
250	1	250				
150	1	150				
35	1	35				
300	1	300				

3.

Saugus Schools - Proposed **Ballard Early Childhood Center** 22 Richard Street CLASSROOMS 0.65 Acres SHARED 10,800 Square Feet Built: 1911 SUPPORT **LIBRARY** SPECIAL ED CR MULTIPURPOSE 220 SF STORAGE, RESTROOMS, AND MECHANICAL **LIBRARY** 615 SF 615 SF CIRCULATION 220 SF CR CR 615 SF 615 SF **Second Floor** ROOF PRINCIPAL'S **NURSE** CR CR **OFFICE** 140 SF 615 SF 615 SF 140 SF SECRETARY-60 SF CR CR 615 SF 615 SF First Floor MAIN **ENTRANCE** STOR CAFE/ MECH **KITCHEN** 615 SF



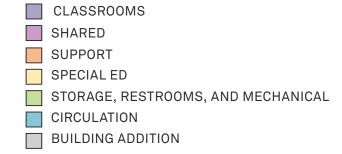


Oaklandvale Elemenary School

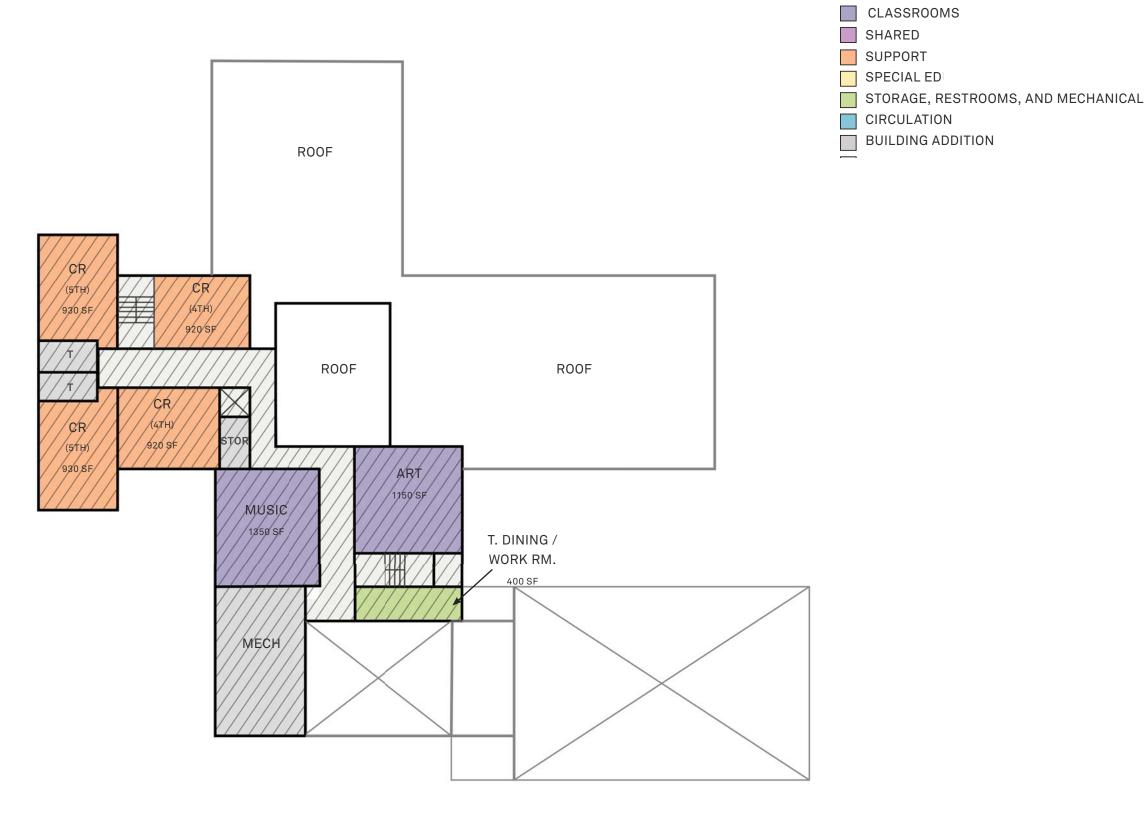
266 Main Street 15.76 Acres 22,360 Square Feet

Built: 1962











Waybright Elemenary School

25 Talbot Street 16.66 Acres

27,100 Square Feet Built: 1965

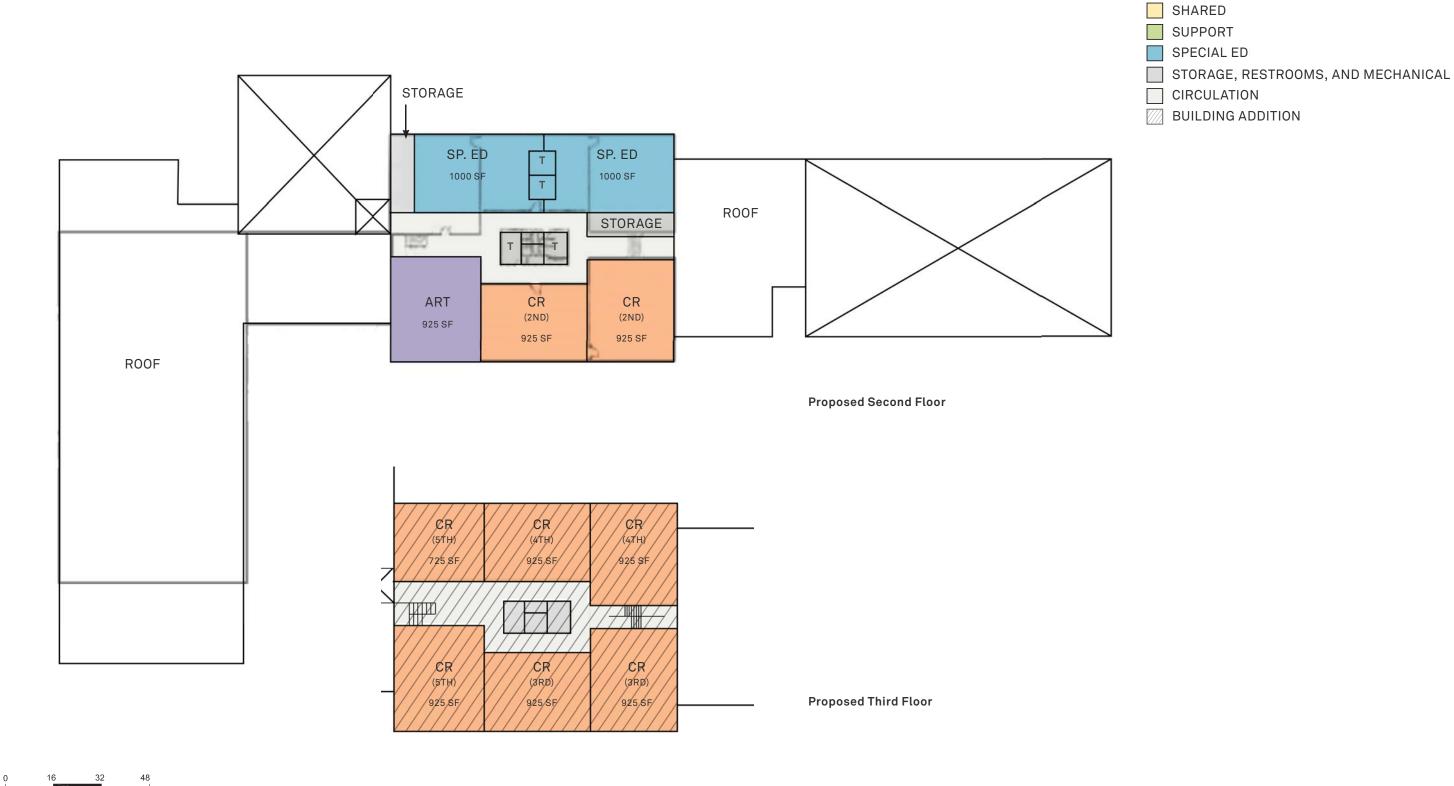




CLASSROOMS

SHARED

CLASSROOMS



JUNE 22, 2016

Veterans Memorial Elementary School

39 Hurd Avenue 1.59 Acres

80,350 Square Feet

Built: 2000

PROPOSED FIRST FLOOR PLAN ALTERNATIVE TWO GRADES K-2





PROPOSED SECOND FLOOR PLAN ALTERNATIVE TWO GRADES K-2





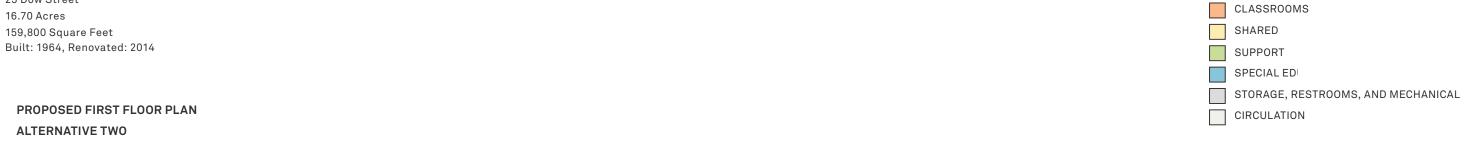
Belmonte Middle School

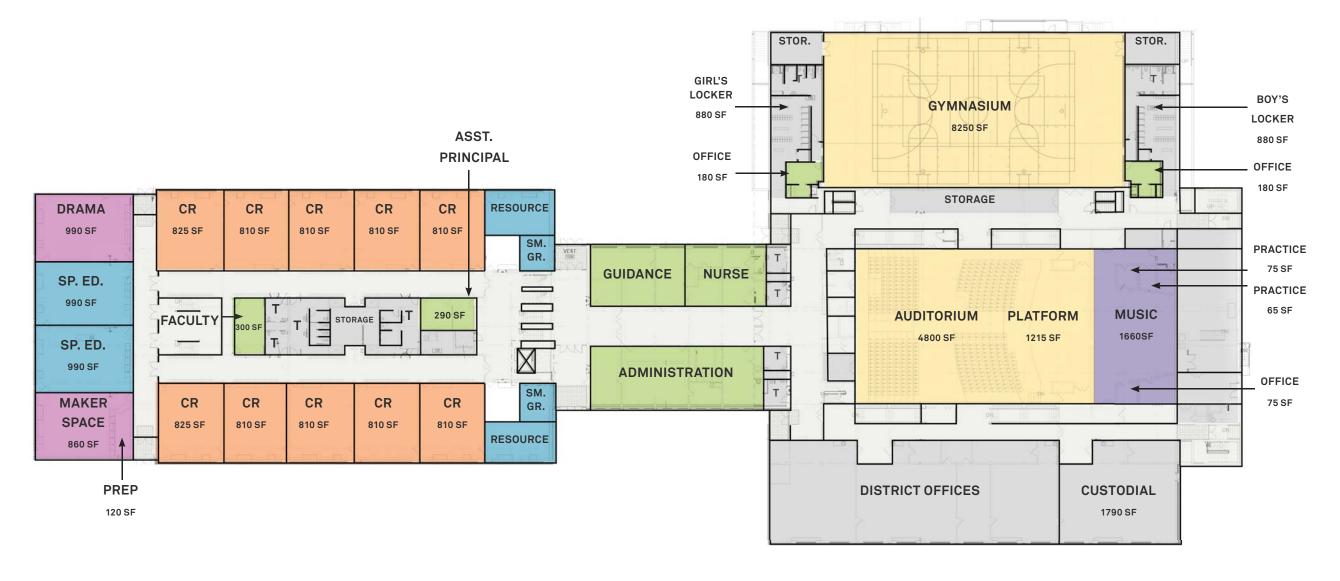
25 Dow Street

16.70 Acres

Built: 1964, Renovated: 2014

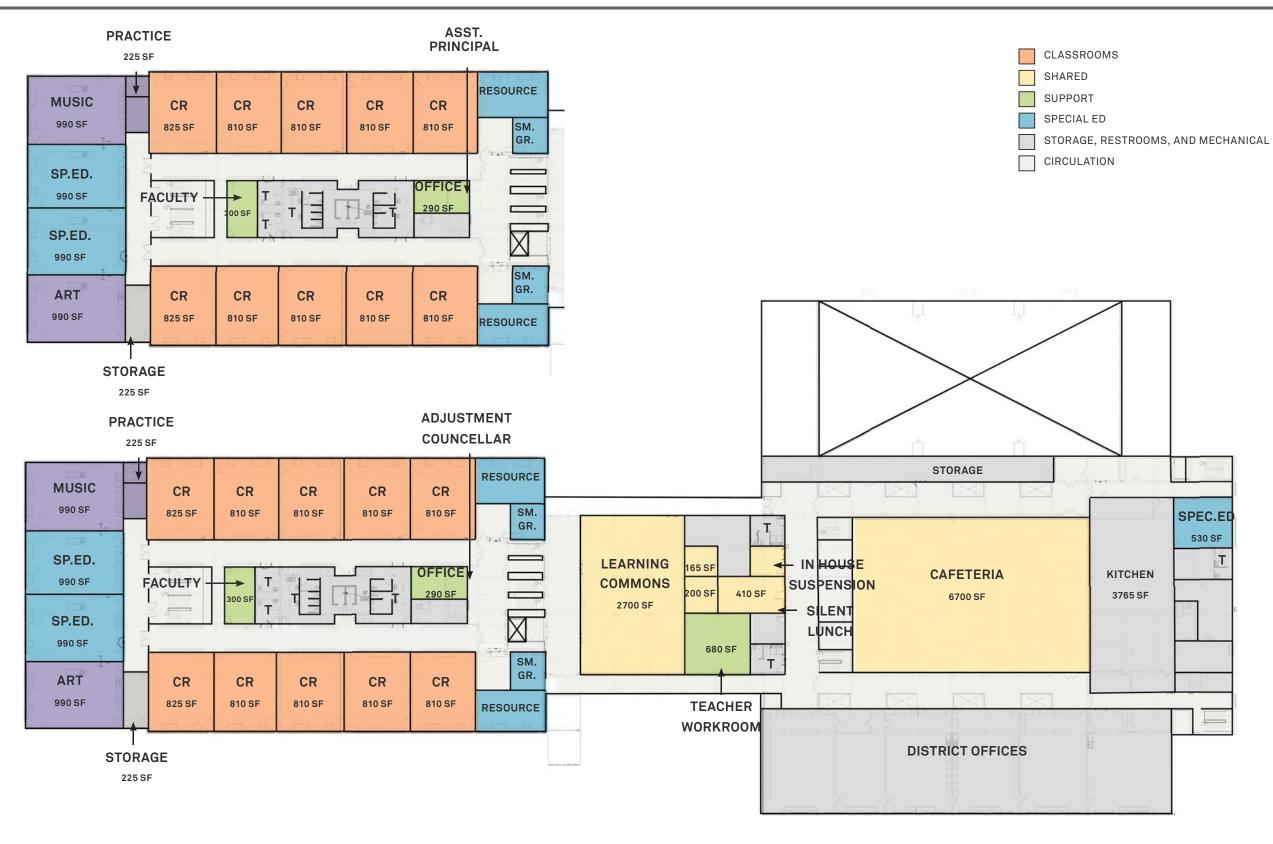
ALTERNATIVE TWO GRADES 3-5







PROPOSED SECOND & THIRD FLOOR PLANS ALTERNATIVE TWO GRADES 3-5





Veterans Memorial Elementary School

39 Hurd Avenue

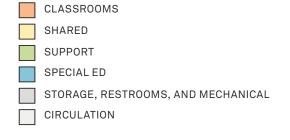
1.59 Acres

80,350 Square Feet

Built: 2000

PROPOSED FIRST FLOOR PLAN ALTERNATIVE THREE GRADES 3-5





CLASSROOMS

CIRCULATION

STORAGE, RESTROOMS, AND MECHANICAL

SHARED
SUPPORT
SPECIAL ED

PROPOSED SECOND FLOOR PLAN ALTERNATIVE THREE GRADES 3-5





Belmonte Middle School

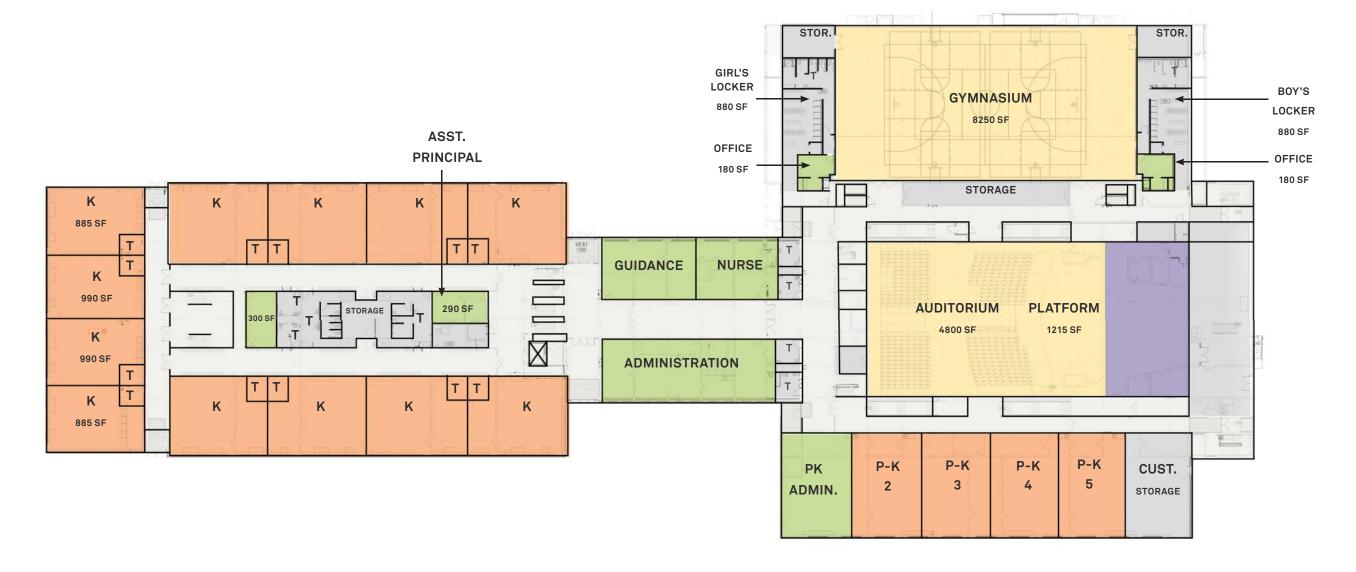
25 Dow Street 16.70 Acres

159,800 Square Feet

Built: 1964, Renovated: 2014

ALTERNATIVE THREE **GRADES PK-2**



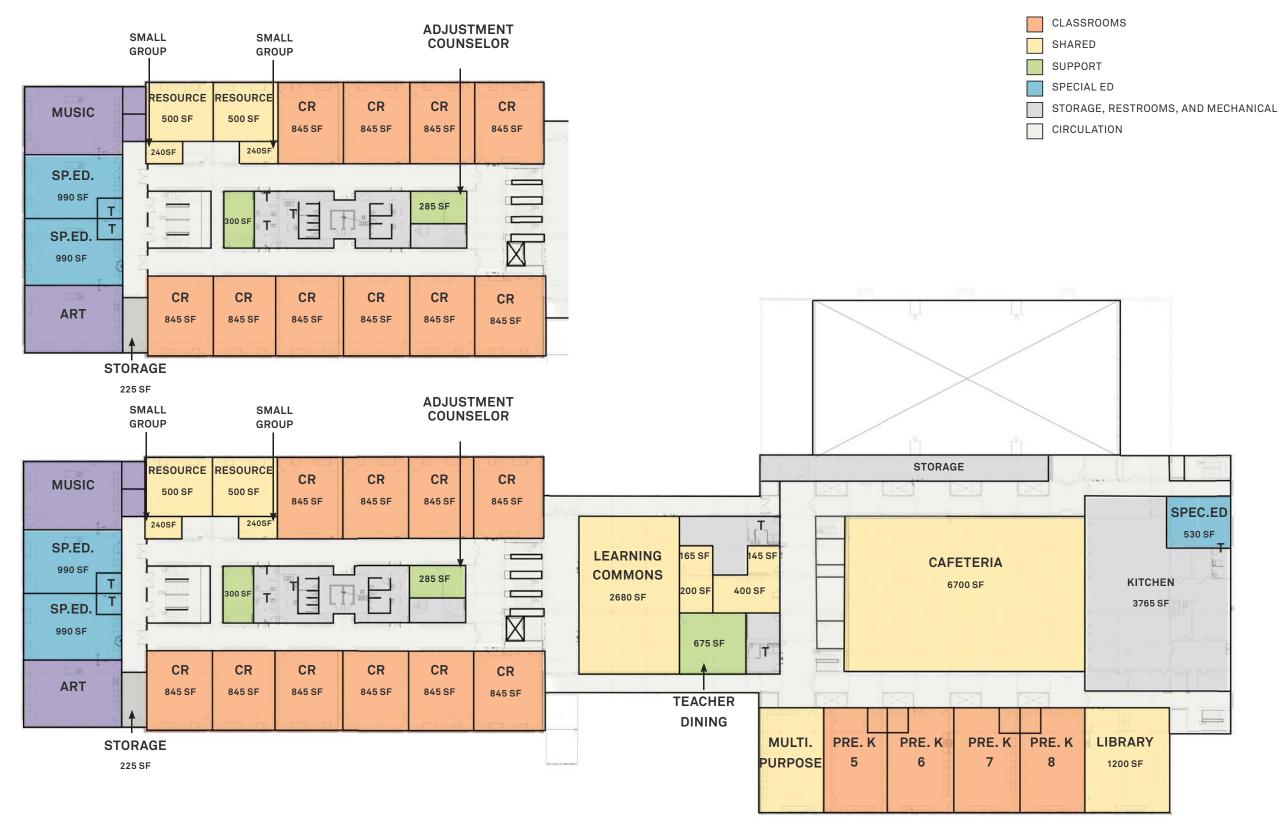






CLASSROOMS

PROPOSED SECOND & THIRD FLOOR PLANS ALTERNATIVE THREE GRADES PK-2





Veterans Memorial Elementary School

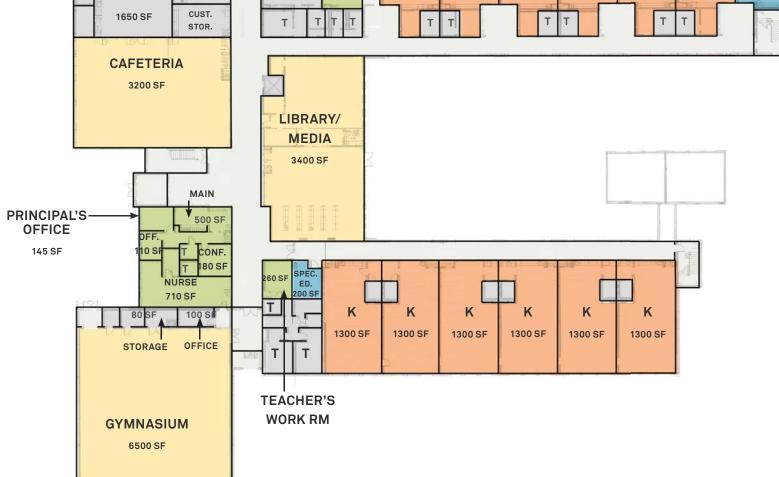
39 Hurd Avenue 1.59 Acres

80,350 Square Feet

Built: 2000

PROPOSED FIRST FLOOR PLAN ALTERNATIVE FOUR **GRADES K-1**







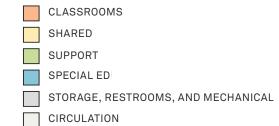
CLASSROOMS

SHARED

CIRCULATION

PROPOSED SECOND FLOOR PLAN ALTERNATIVE FOUR GRADES K-1







Belmonte Middle School

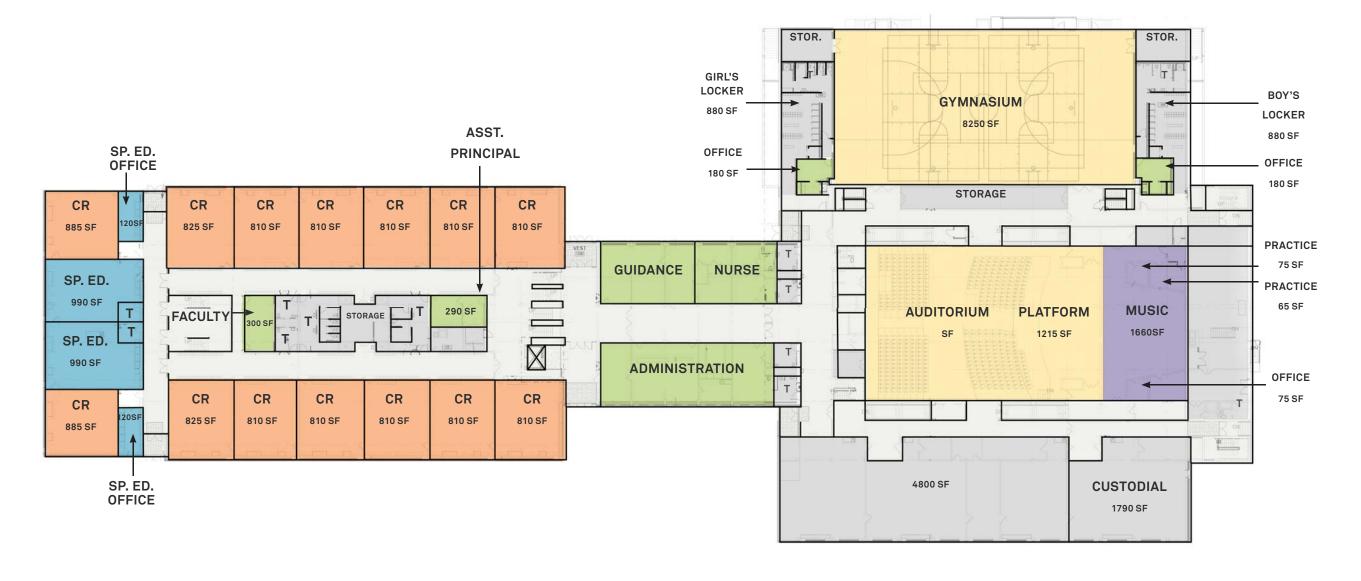
25 Dow Street 16.70 Acres

159,800 Square Feet

Built: 1964, Renovated: 2014

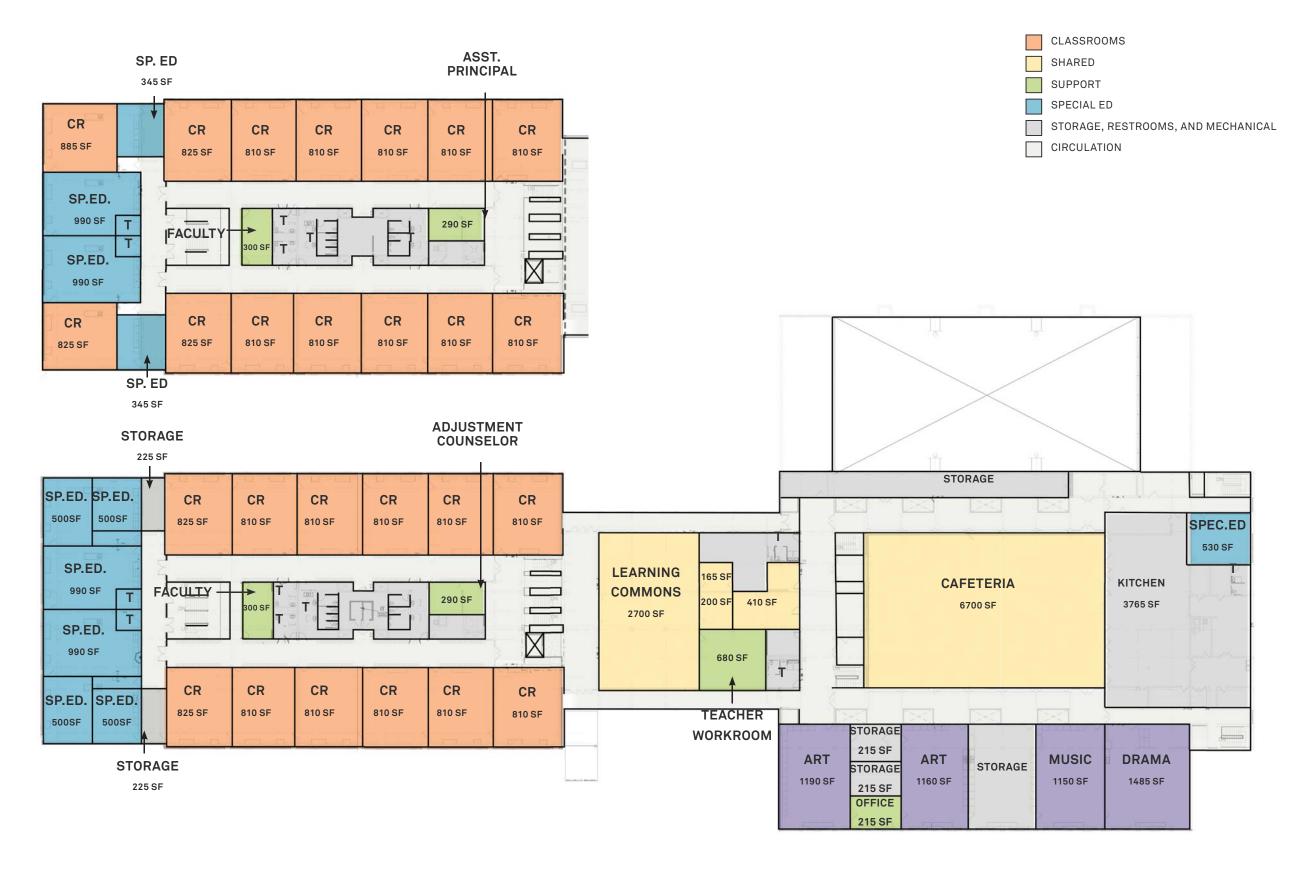
PROPOSED FIRST FLOOR PLAN ALTERNATIVE FOUR GRADES 2-5







PROPOSED SECOND & THIRD FLOOR PLANS ALTERNATIVE FOUR GRADES 2-5





Veterans Memorial Elementary School

39 Hurd Avenue 1.59 Acres

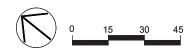
80,350 Square Feet

Built: 2000

PROPOSED FIRST FLOOR PLAN ALTERNATIVE FIVE GRADES K-5







PROPOSED SECOND FLOOR PLAN ALTERNATIVE FIVE GRADES K-5







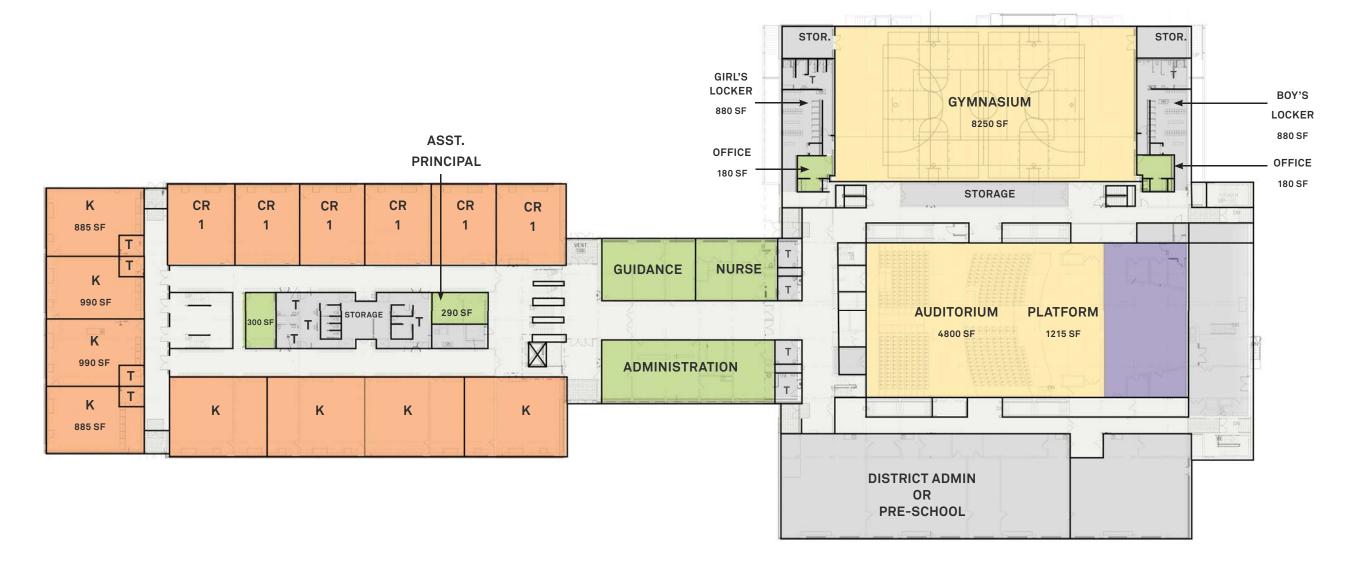
Belmonte Middle School

25 Dow Street

16.70 Acres

PROPOSED FIRST FLOOR PLAN **ALTERNATIVE FIVE GRADES K-5**









PROPOSED SECOND & THIRD FLOOR PLANS ALTERNATIVE FIVE GRADES K-5



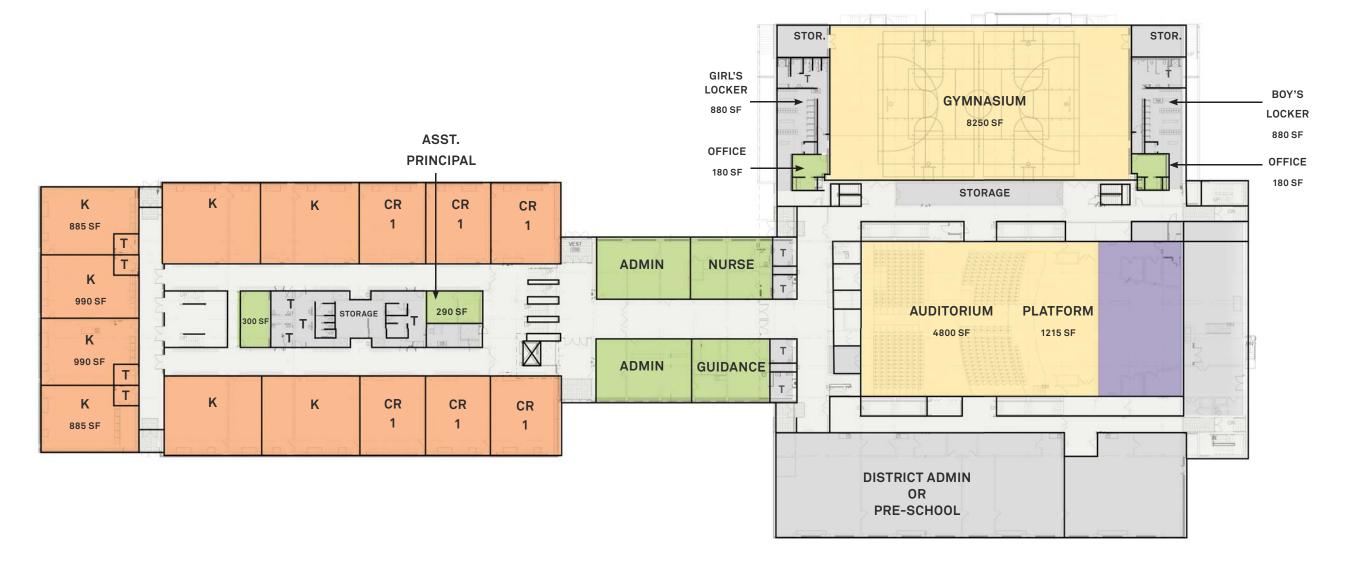


Belmonte Middle School

25 Dow Street 16.70 Acres

ALTERNATIVE FIVE (A) **GRADES K-5**

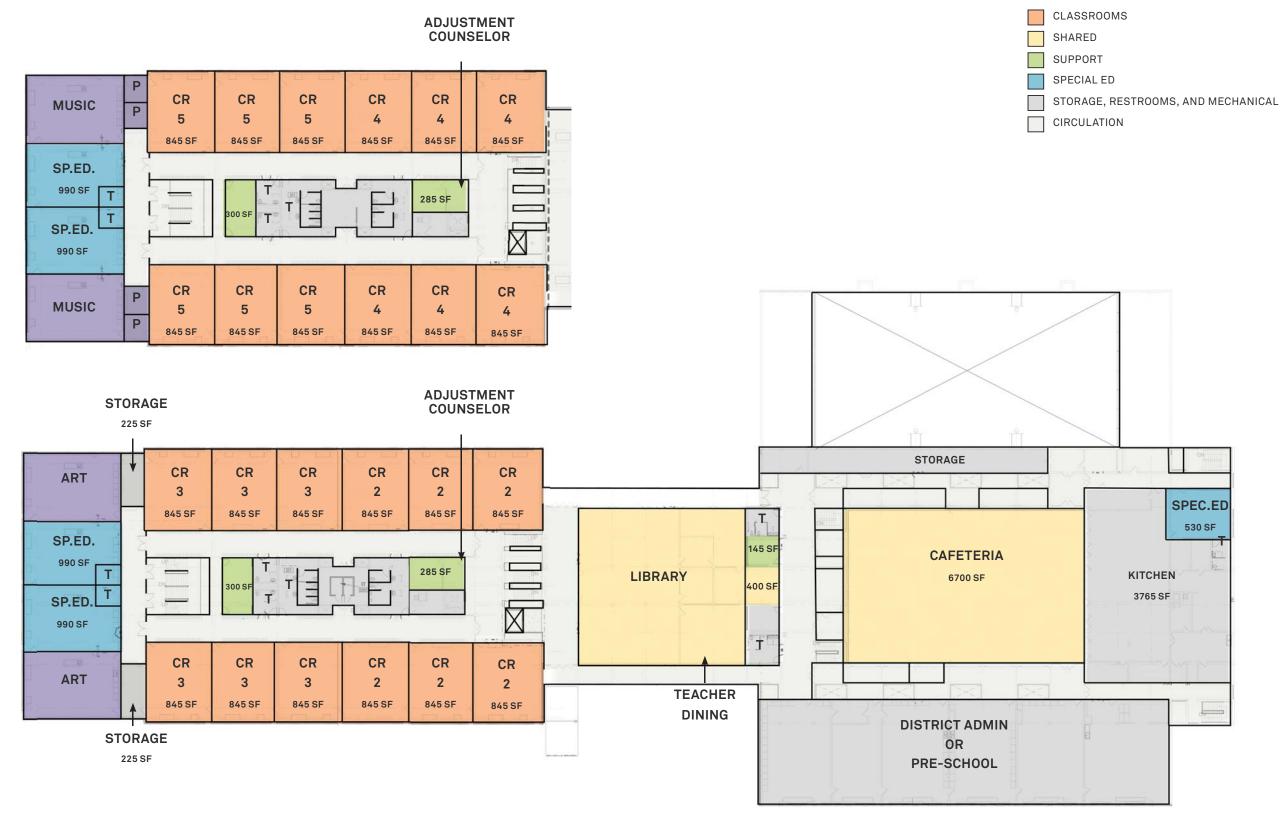








PROPOSED SECOND & THIRD FLOOR PLANS ALTERNATIVE FIVE (A) GRADES K-5





HMFH ARCHITECTS

SAUGUS HIGH SCHOOL PRELIMINARY DESIGN PROGRAM PROGRESS UPDATE

SAUGUS, MASSACHUSETTS

Lori Cowles, AIA Principal

April 28, 2016

SHS PRELIMINARY DESIGN PROGRAM

- Educational Visioning Report (in progress)
- Facility assessment
- Space summary (in progress)
- Potential sites

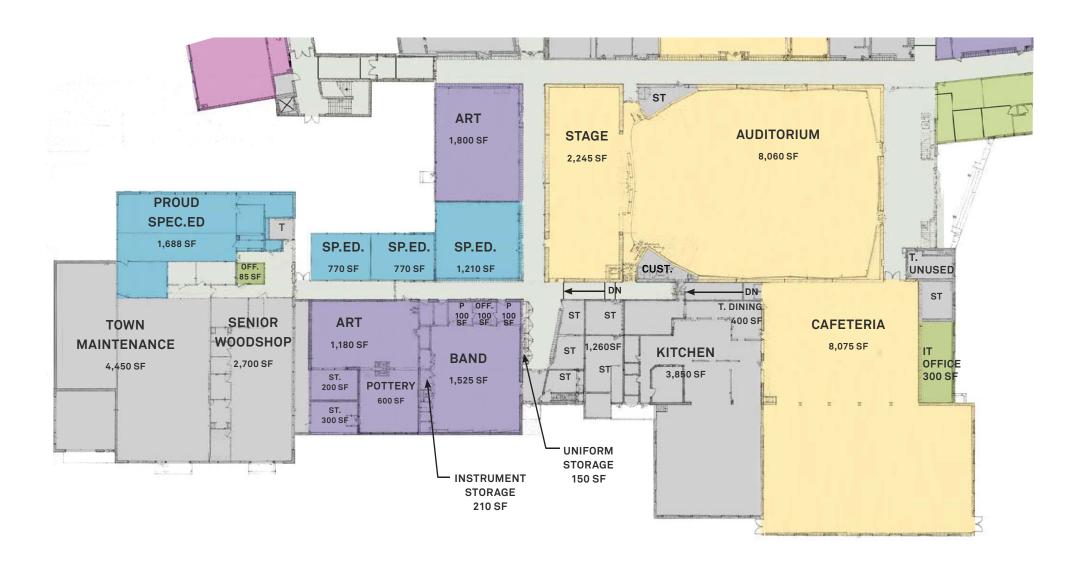
Saugus High School Pearce Memorial Drive MAINTENANCE 21.74 Arces ACCESS TO COURTYARD 193,200 Square Feet Built: 1954; Expanded 1960 and 1972 - LIFT CR CR (W.L.) (W.L.) 855 SF 855 SF -COVERED WALKWAY **NOT USED** IDF CR SPECIALITY COMP TOWN CR CR CR (ENGLISH) SCIENCE (W.L.) TV (W.L.) 745 SF (MATH) 575SF CR 755 SF 755 SF CLASSROOMS **STUDIO** 745 SF (MATH) CR Т CR SHARED 585 SF 2,205 SF CR (SOCIAL STUDIES) NOT (ENGLISH) CR (MATH) 745 SF SUPPORT USED 745 SF 745 SF (MATH) CR SPECIAL ED 585 SF CR (SOCIAL STUDIES) CR STORAGE, RESTROOMS, AND MECHANICAL 745 SF (ENGLISH) CR (MATH) -covered 745 SF SP. ED. CIRCULATION 745 SF SOCIAL STUDIES) WALKWAY 585 SF CR 735 SF NOT USED SPEC.ED COURTYARD COMP (ENGLISH) 745 SF 745 SF SPEC.ED 745 SF T.V. ST. CR STUDIO 735 SF 280 SF PREP CR COMP (ENGLISH) (SOCIAL STUDIES) 745 SF SPEC.ED 745 SF SCIENCE 745 SF (BIOLOGY) 735 SF CR CR 145 SE COMP 880 SF (ENGLISH) (SOCIAL STUDIES) 745 SF SCIENCE 745 SF 745 SF SCIENCE (BIOLOGY) (CHEMISTRY) CR 880 SF 95 SF TEACHER 1230 SF (W.L.) (ENGLISH) BREAK 100 SF PREP 555 SF 745 SF SCIENCE 135 SF 500 SF (PHYSICS) SP. ED. OFF. 880 SF HEADEND RM **LEARNING** 225 SF 165 SF SCIENCE 550 SF 135 SF CR COMMONS (BIOLOGY) SCIENCE DRAMA (WELLNESS) 990 SF (PHYSICS) 4,130 SF 85 SF 845 SF 880 SF 1,285 SF WK.RM NOT USED CUST. ST 200 SF SCIENCE (CHEMISTRY) 990 SF

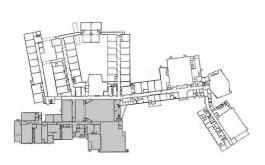


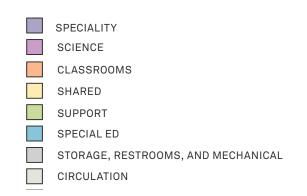
ELEV-

First Floor

SECTION A





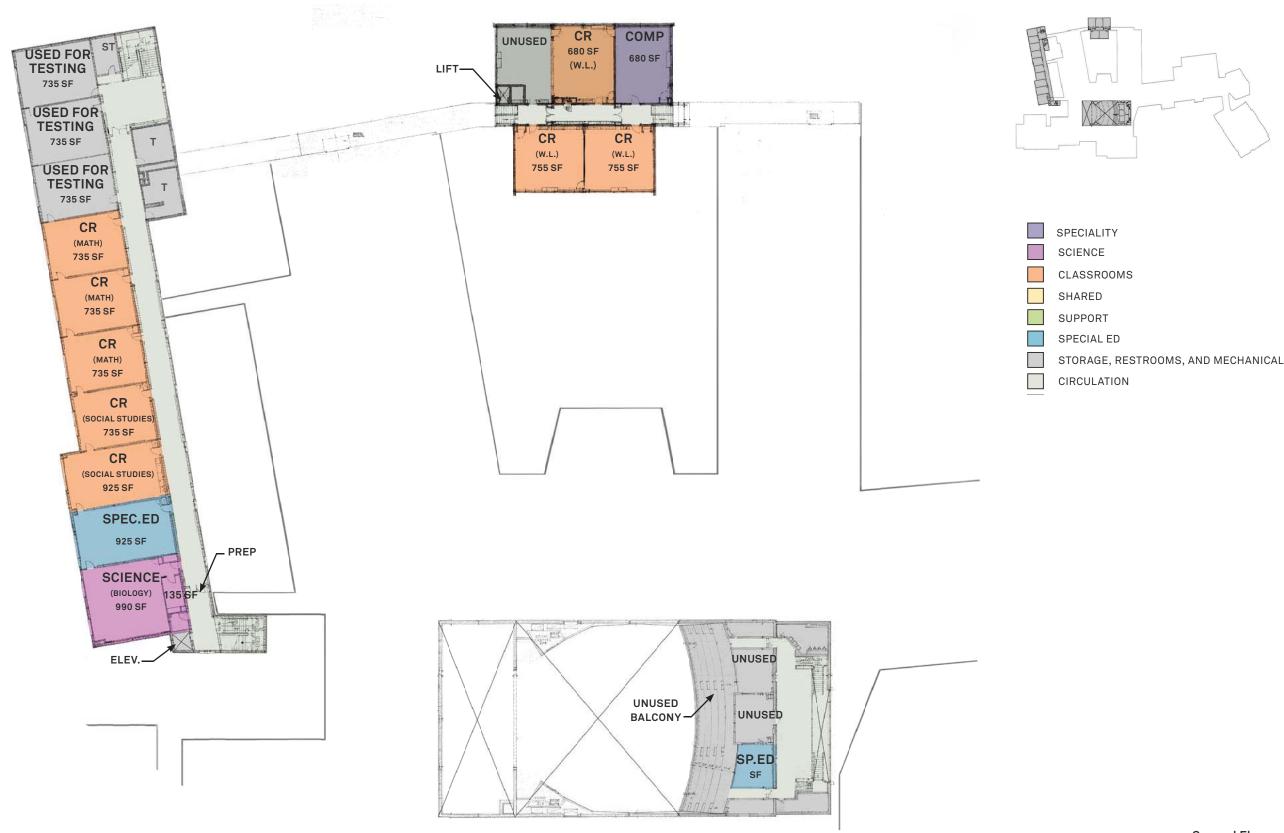


First Floor SECTION B

Saugus High School

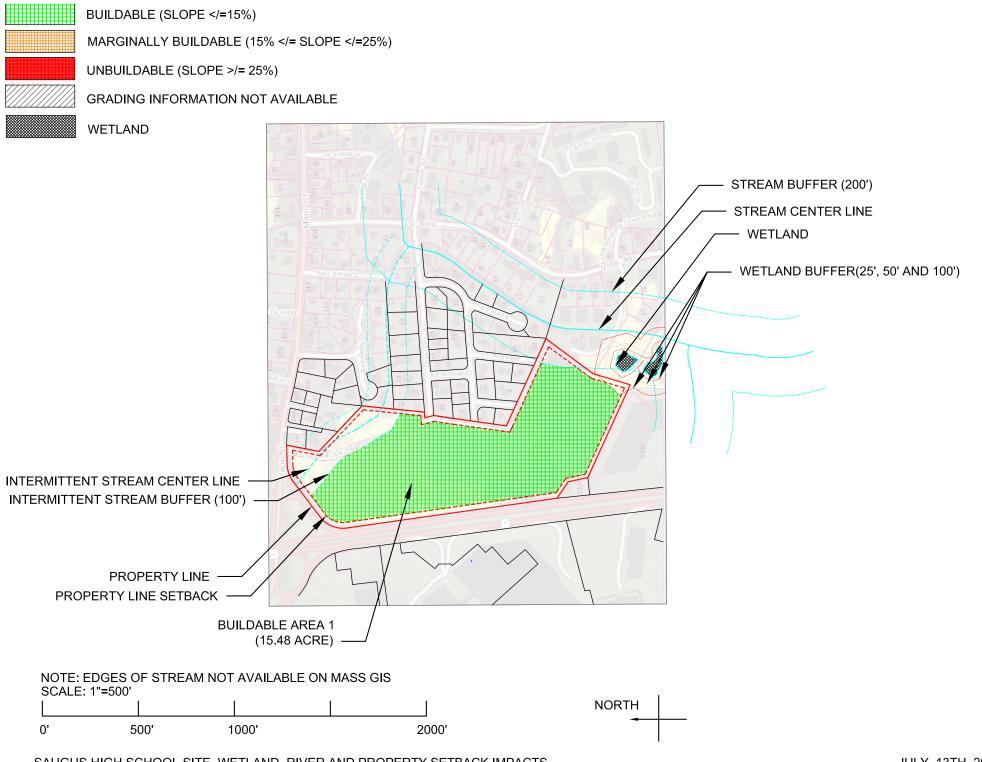
Pearce Memorial Drive

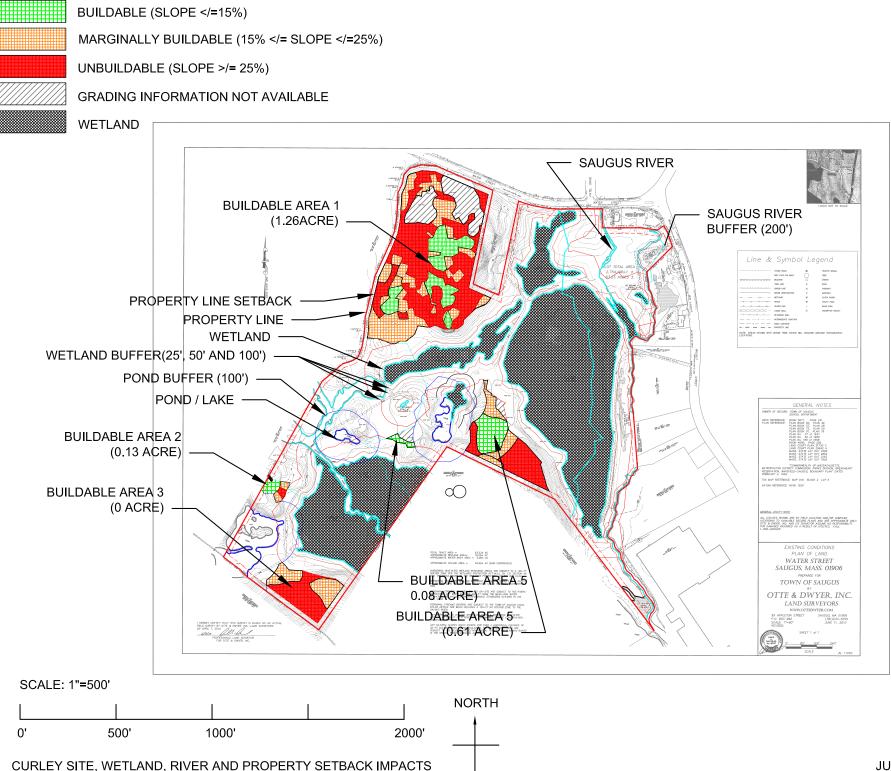
21.74 Arces 1-2-193,200 Square Feet 145 SF - STORAGE Built: 1954 ; Expanded 1960 and 1972 LOCKER ROOM 3 GYM LOCKER LOCKER -**ROOM 2** 7,840 SF ROOM 4 2,100 SF LOCKER SPECIALITY R00M 1 SCIENCE 625 SF 2000 SF GYM CLASSROOMS CR CR CONF. 4,000 SF (WELLNESS) (WELLNESS SHARED 400 SF 845 SF 845 SF ST. 300 SF (WELLNESS) DRAMA SUPPORT 845 SF 1,285 SF SPECIAL ED 370 SF IN-HOUSE ASST. 70 SF REST SUSPENSION 480 SF 240 SF 110 SF T T WEIGHT STORAGE, RESTROOMS, AND MECHANICAL WELLNESS ROOM OFFICE CIRCULATION ASST. 460 SF VAULT COPY MAIN PRINC. OFFICE 400 SF 130 SF 130 SF 130 SF 130 SF T 280 SF 400 SF OFFICE 180 SF **ENTRY FOR** OFFICE GYM OFFICE GUIDANCE CONFERENCE **ACTIVITIES** MAIN LOCKER ROOM 5 ONLY **ENTRY** ADJUSTMENT OFFICE COUNSELOR GUIDANCE LOCKER ROOM 6 1700 SE ST. 180 SF 1700 SF GYM 6445 SF LOCKER ROOM 7 4450 SF 790 SF First Floor SECTION C





Second Floor SECTION D





SAUGUS HIGH SCHOOL SITE SELECTION

