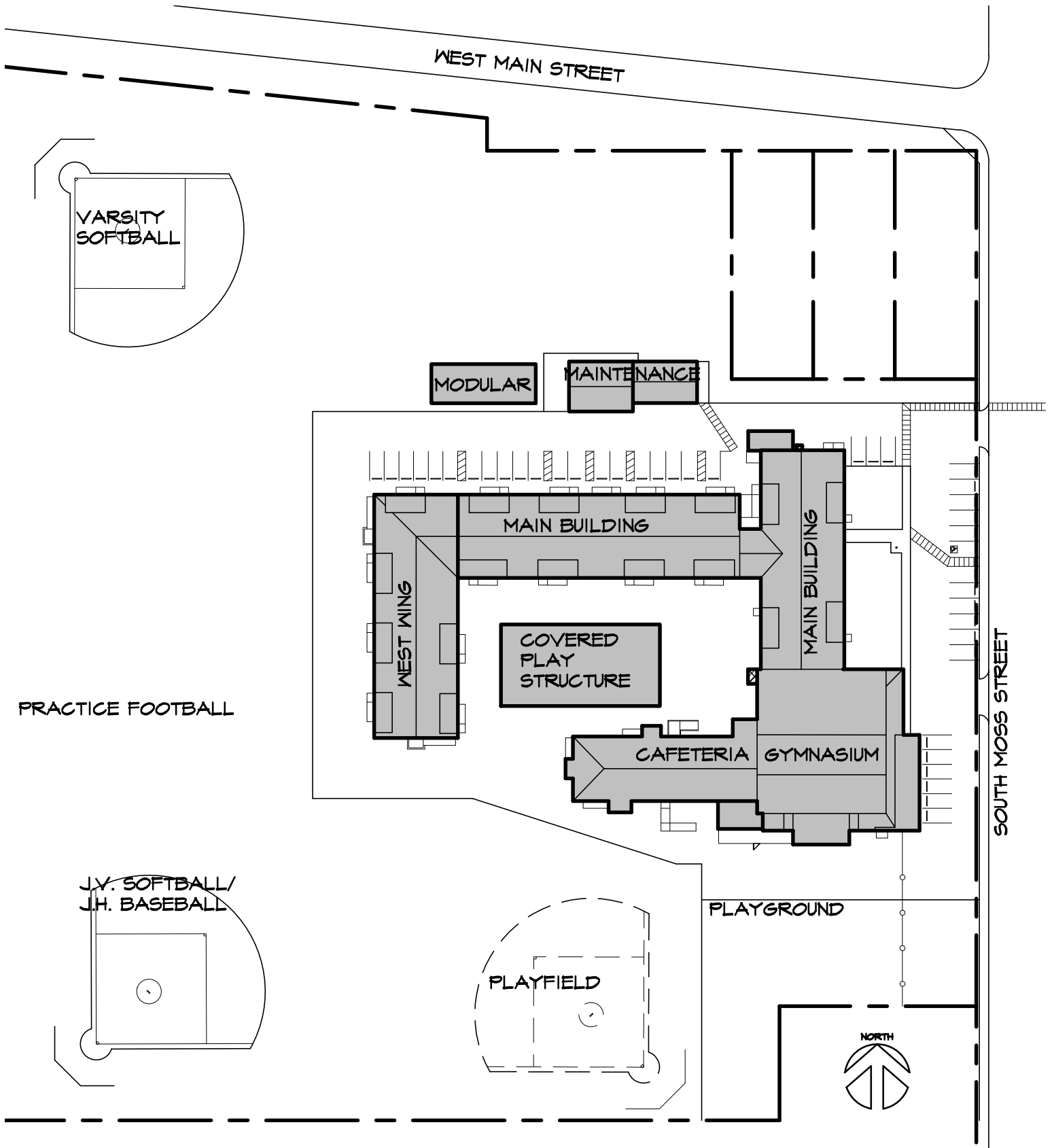


Lowell School District

2016 Master Plan

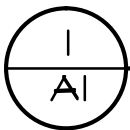
March 31, 2016

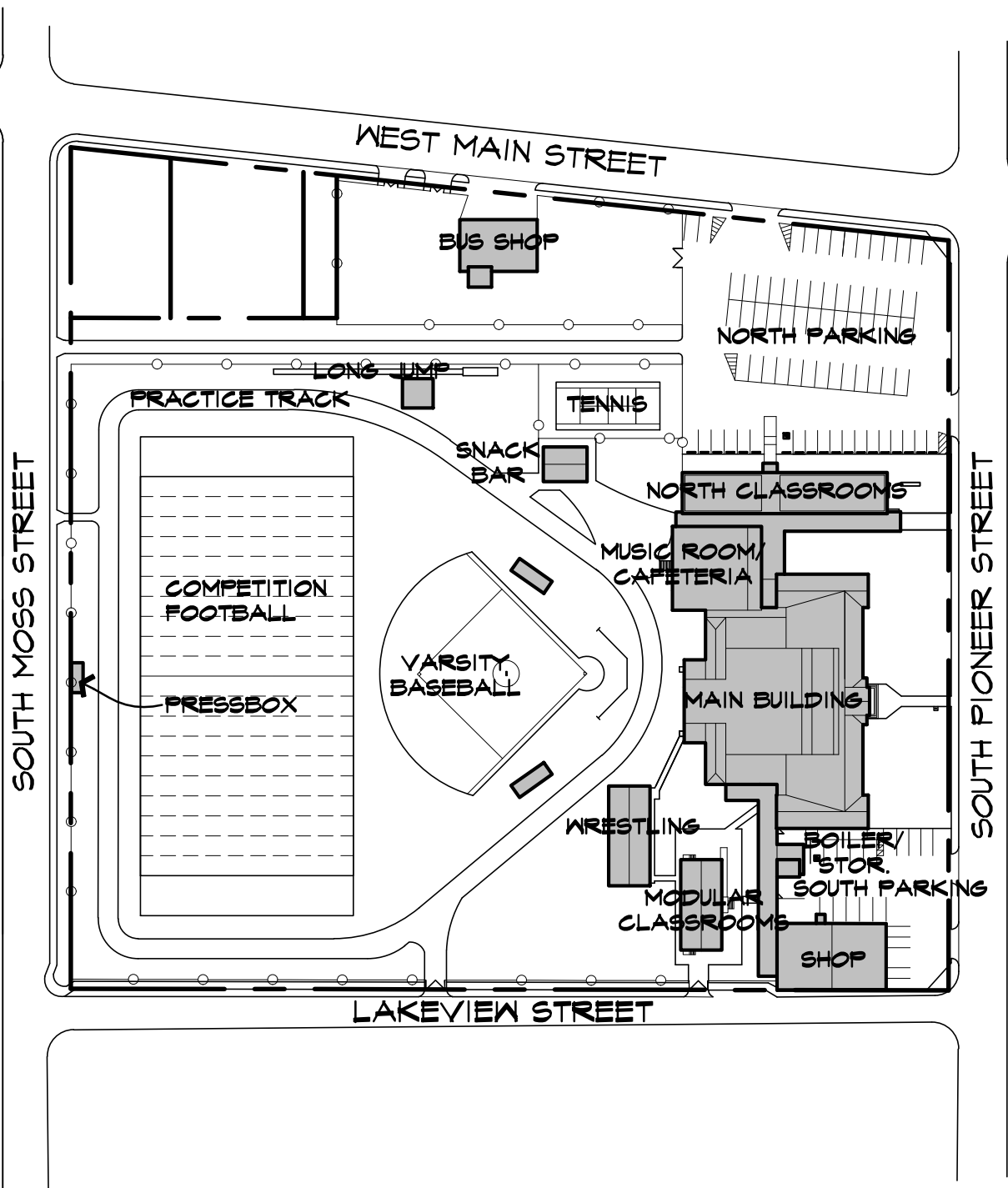




LUNDY ELEMENTARY AND MIDDLE SCHOOL
EXISTING SITE PLAN

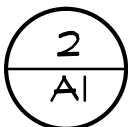
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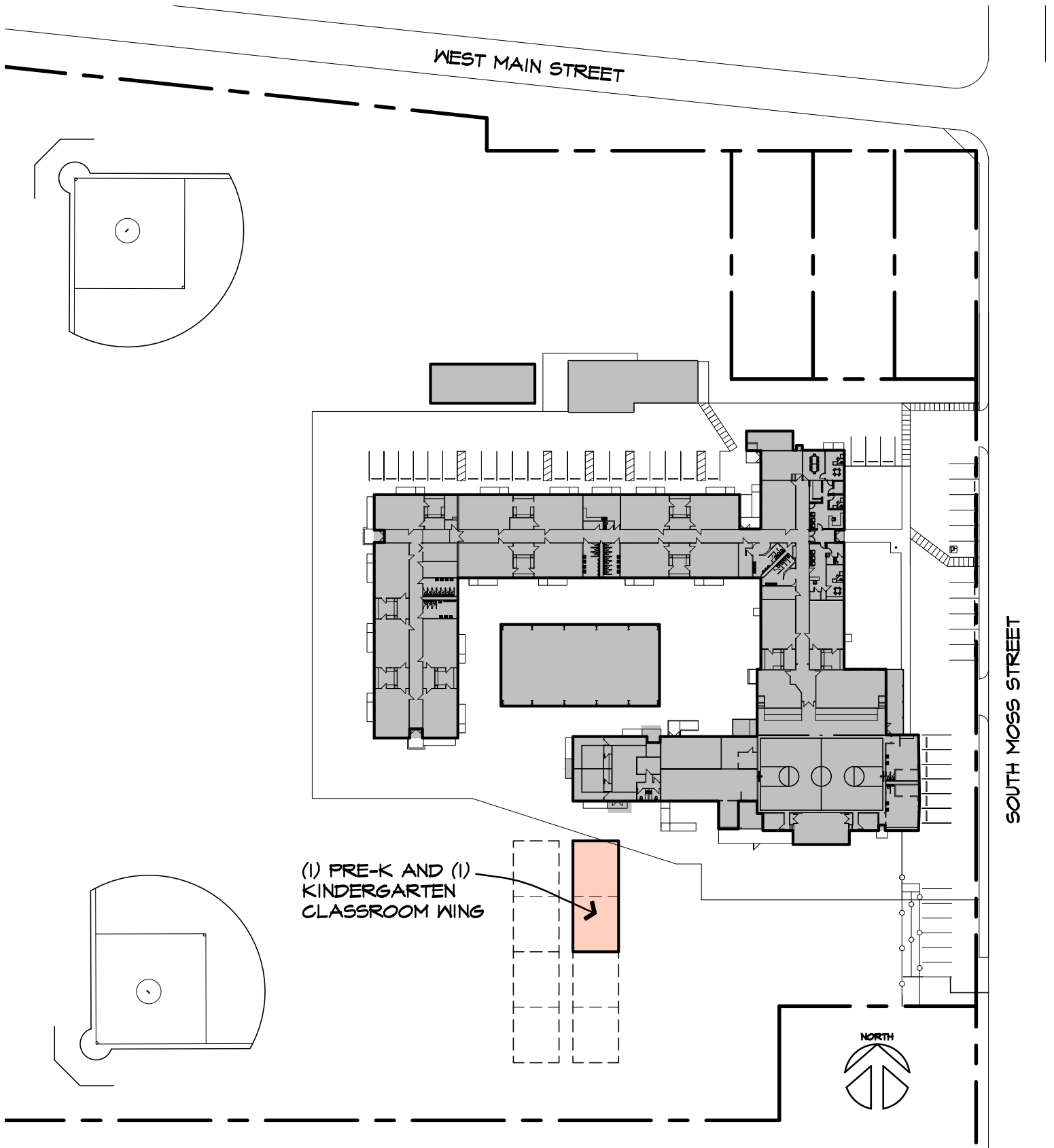




LOWELL HIGH SCHOOL
EXISTING SITE PLAN

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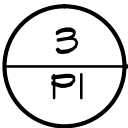




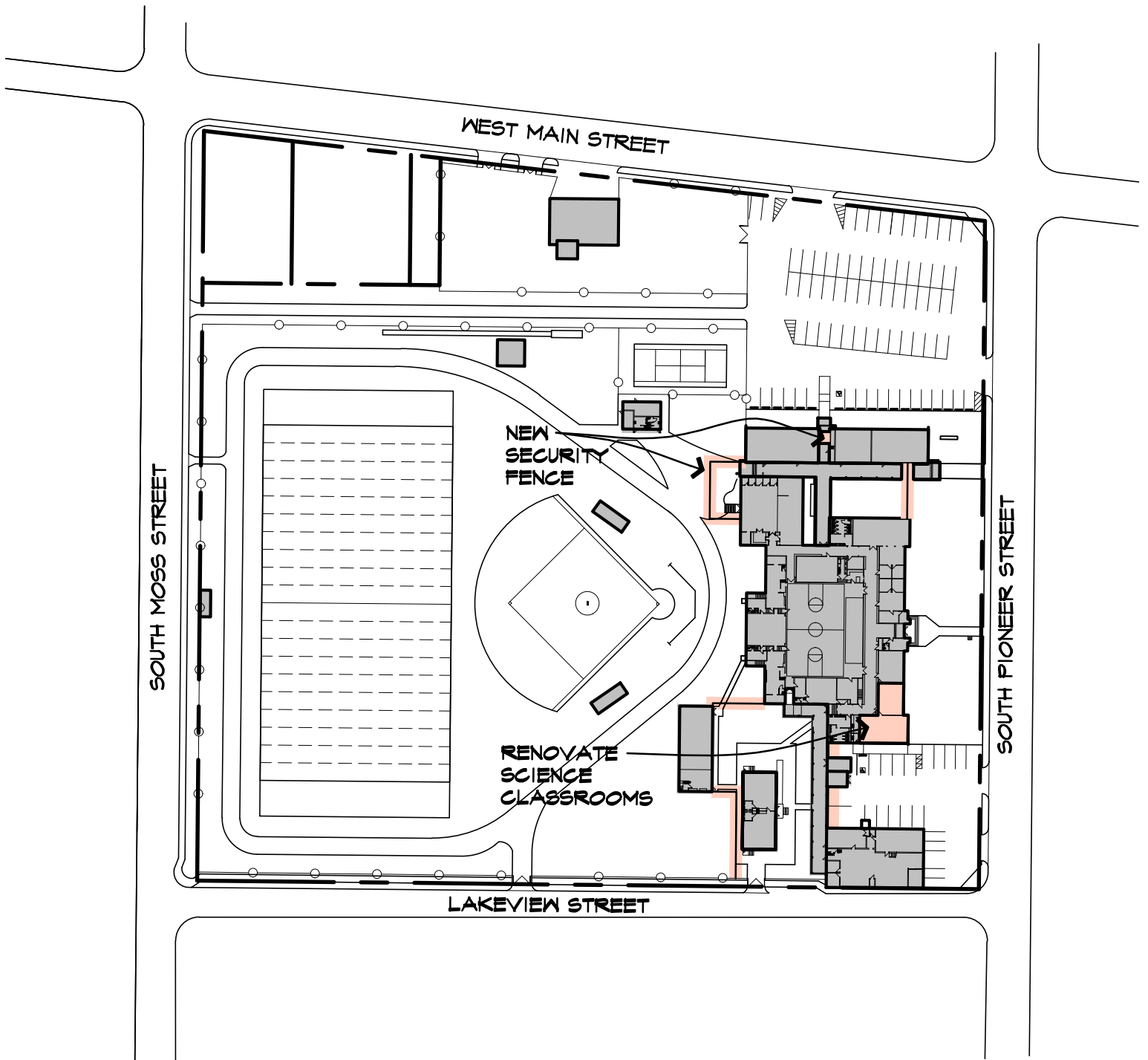
LUNDY PRE-K AND K DEVELOPMENT

PROPOSED FLOOR PLAN - PRIORITY I

SCALE: 1" = 80'-0"



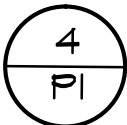
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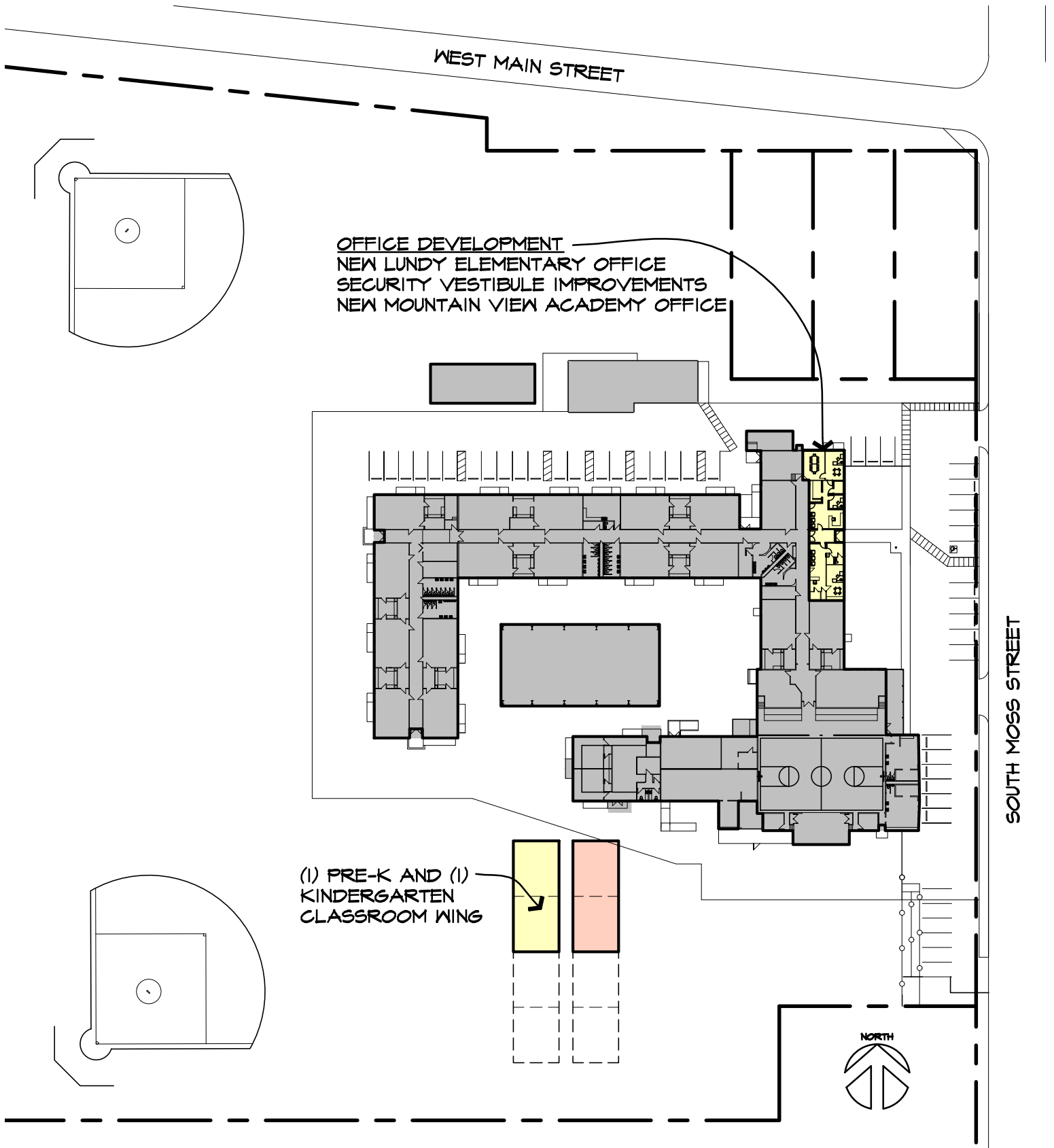
LOWELL HIGH SCHOOL

PROPOSED FLOOR PLAN - PRIORITY I

SCALE: 1" = 100'-0"



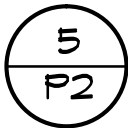
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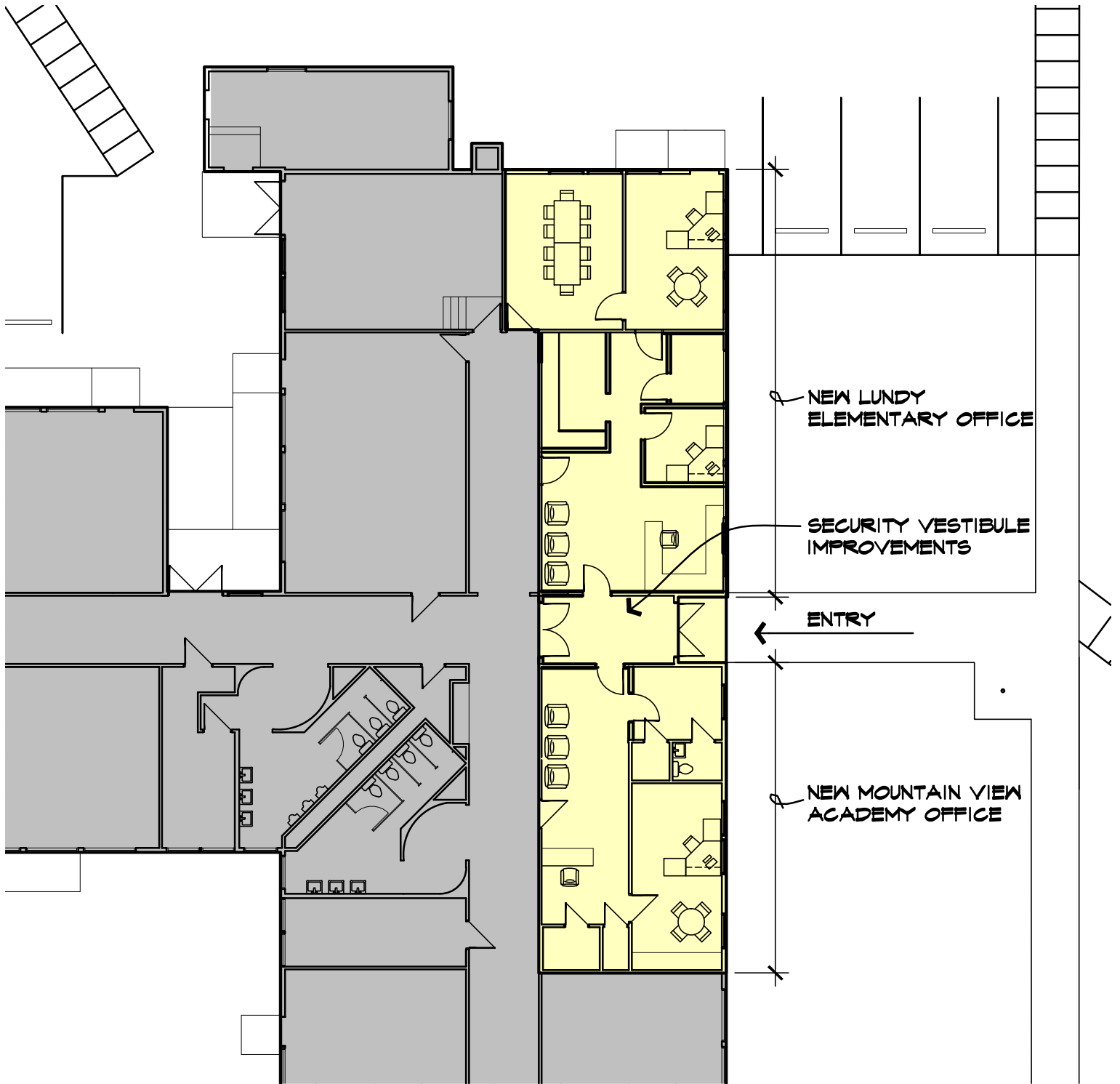


LUNDY PRE-K AND K DEVELOPMENT

PROPOSED FLOOR PLAN - PRIORITY 2

SCALE: 1" = 80'-0"



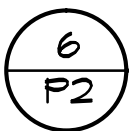


LUNDY PRE-K AND K DEVELOPMENT

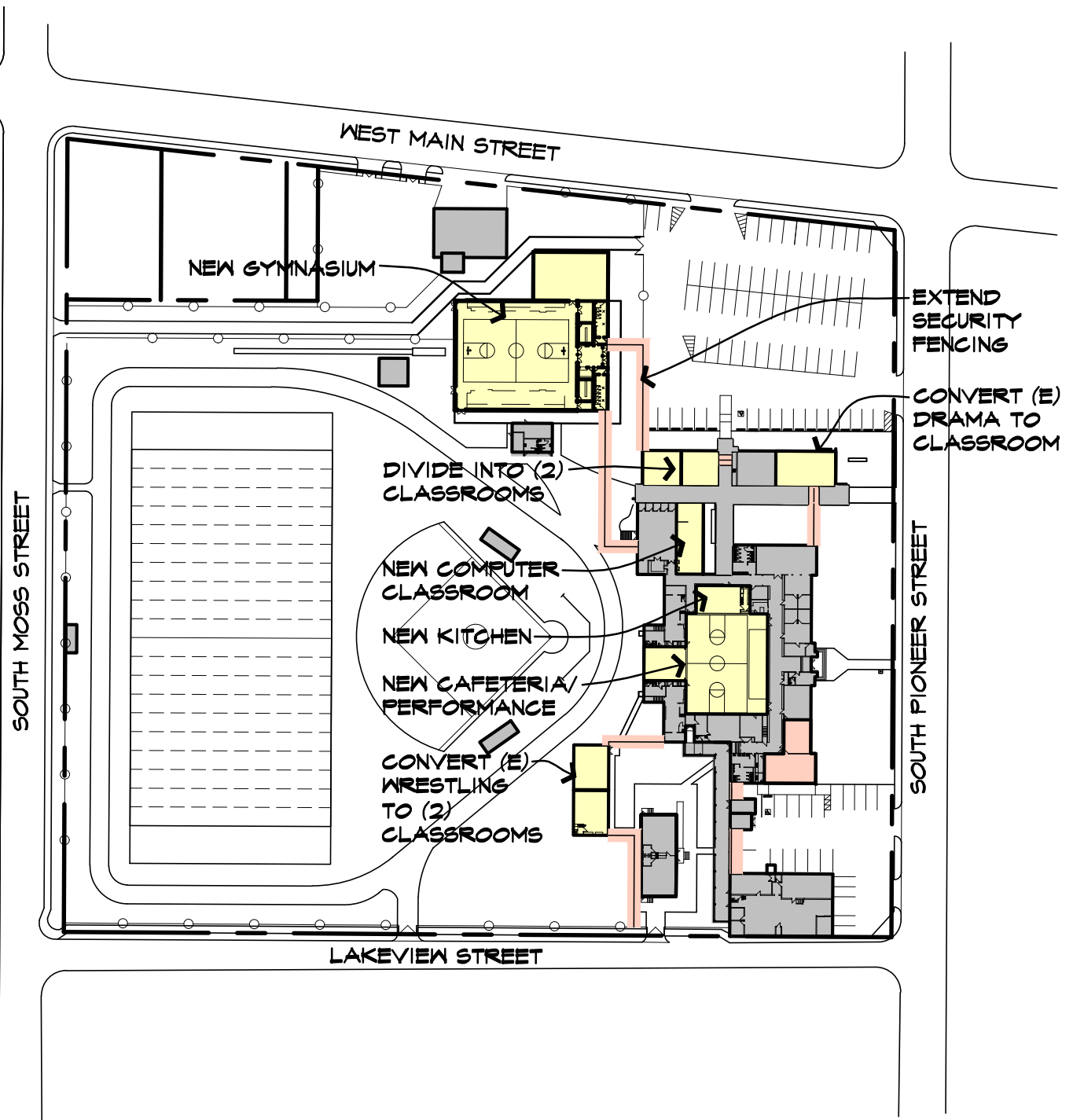
ENLARGED FLOOR PLAN - OFFICE DEVELOP

SCALE: 1/16" = 1'-0"

PRIORITY 2



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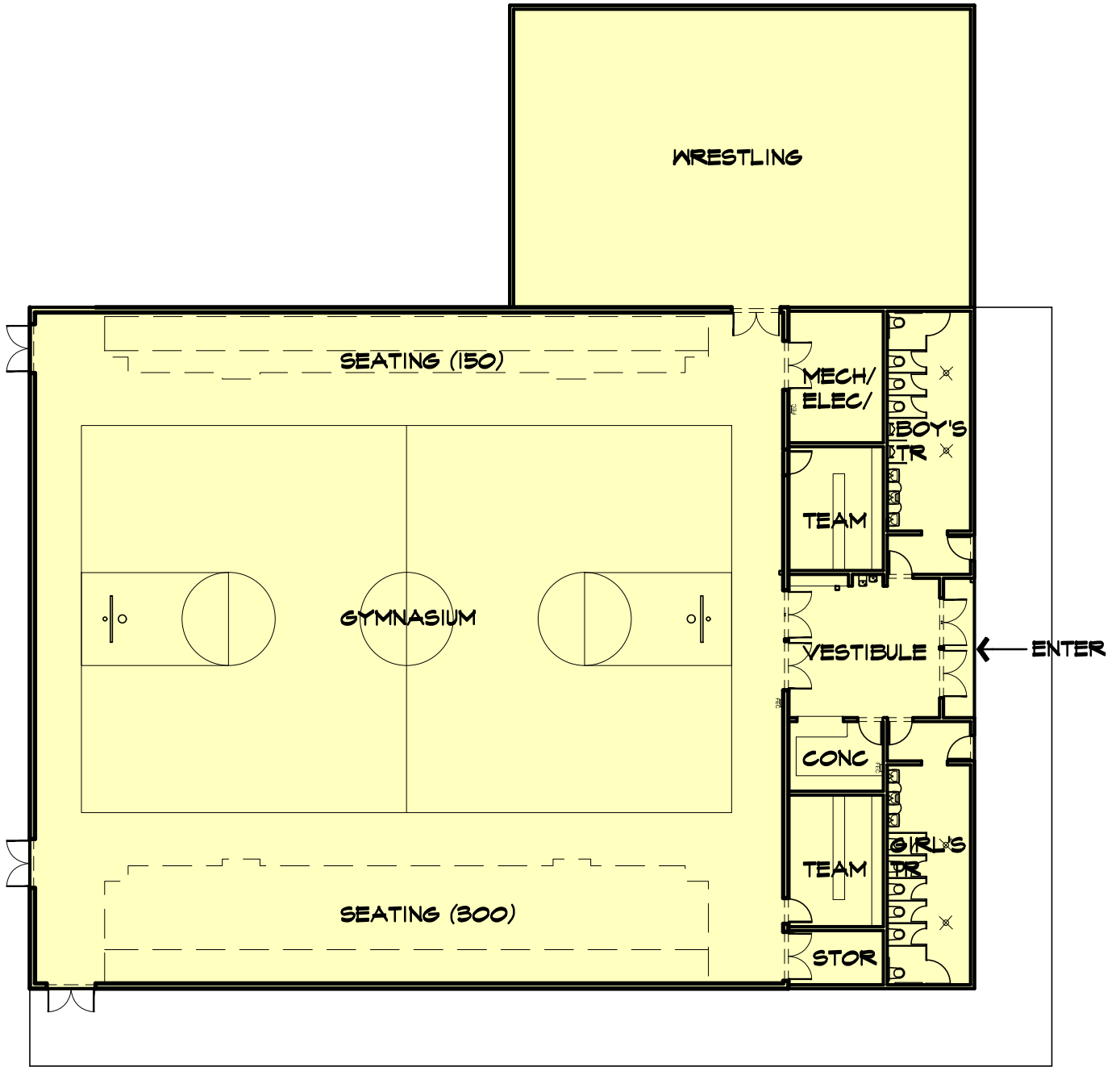


LOWELL HIGH SCHOOL

PROPOSED FLOOR PLAN - PRIORITY 2

SCALE: 1" = 100'-0"

7
P2



LOWELL HIGH SCHOOL

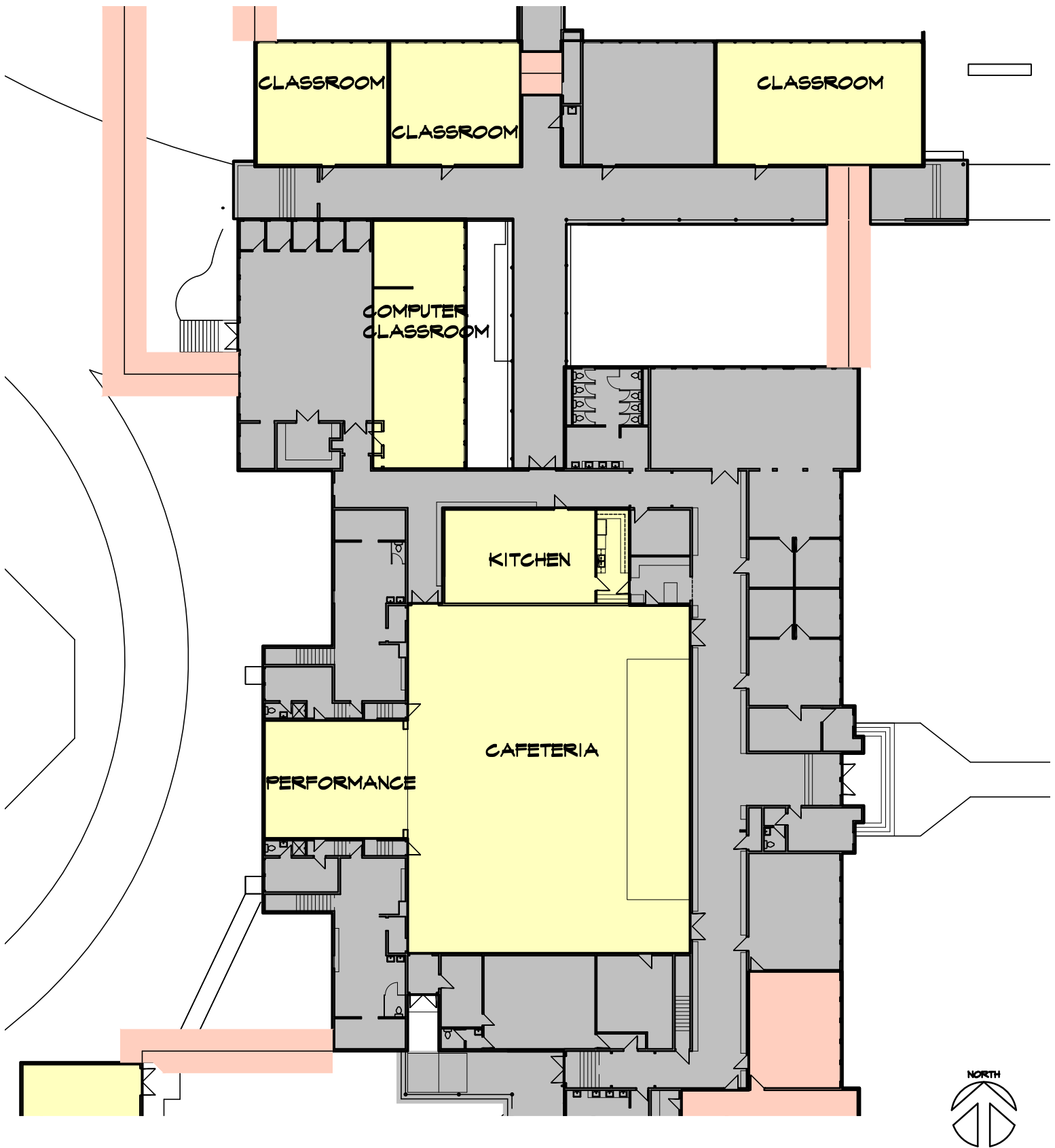
ENLARGED FLOOR PLAN - GYMNASIUM

SCALE: 1" = 20'-0"

PRIORITY 2

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P2

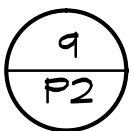


LOWELL HIGH SCHOOL

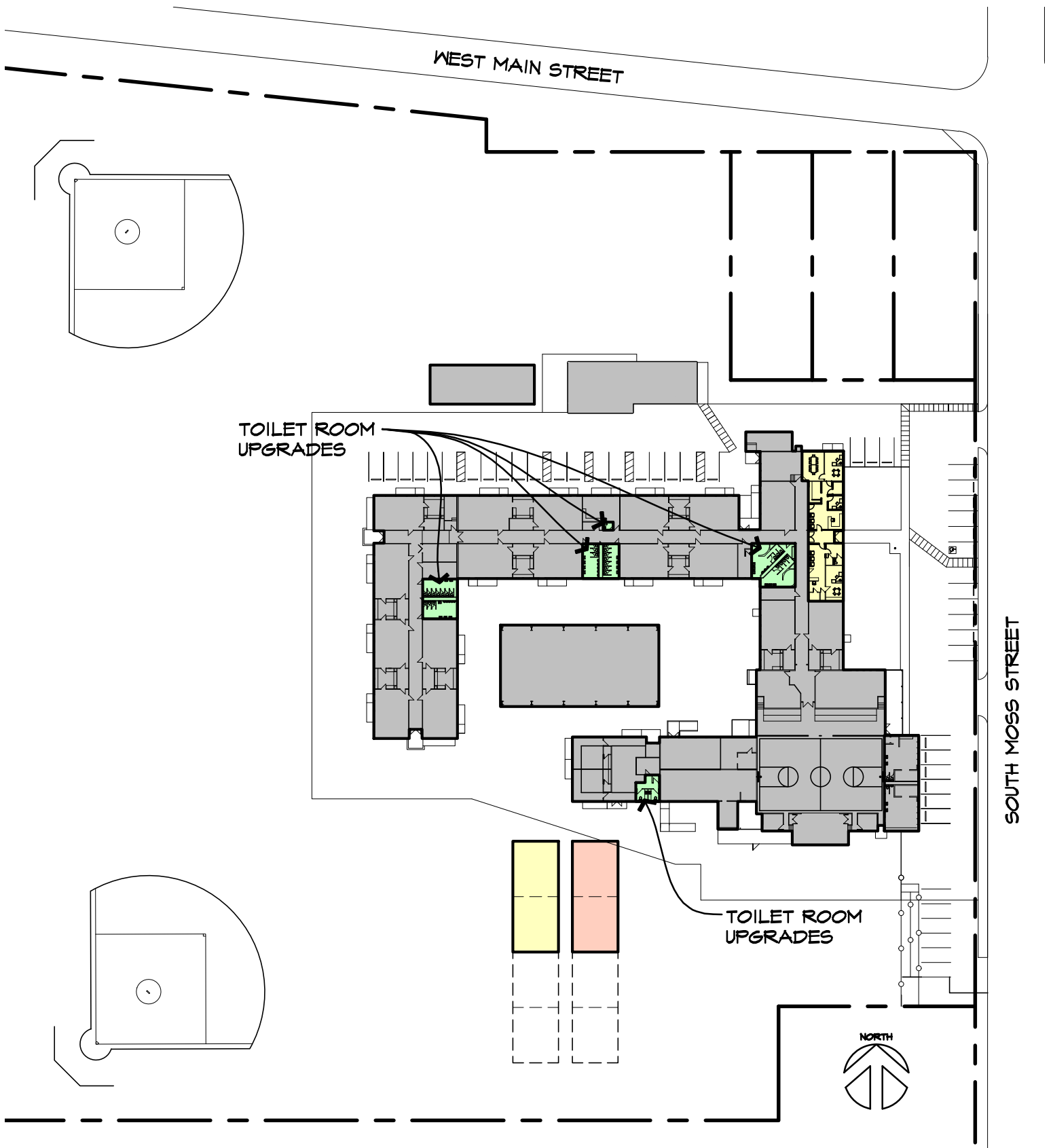
ENLARGED FLOOR PLAN - GYM CONVERSION

SCALE: 1" = 30'-0"

PRIORITY 2



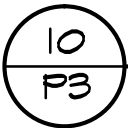
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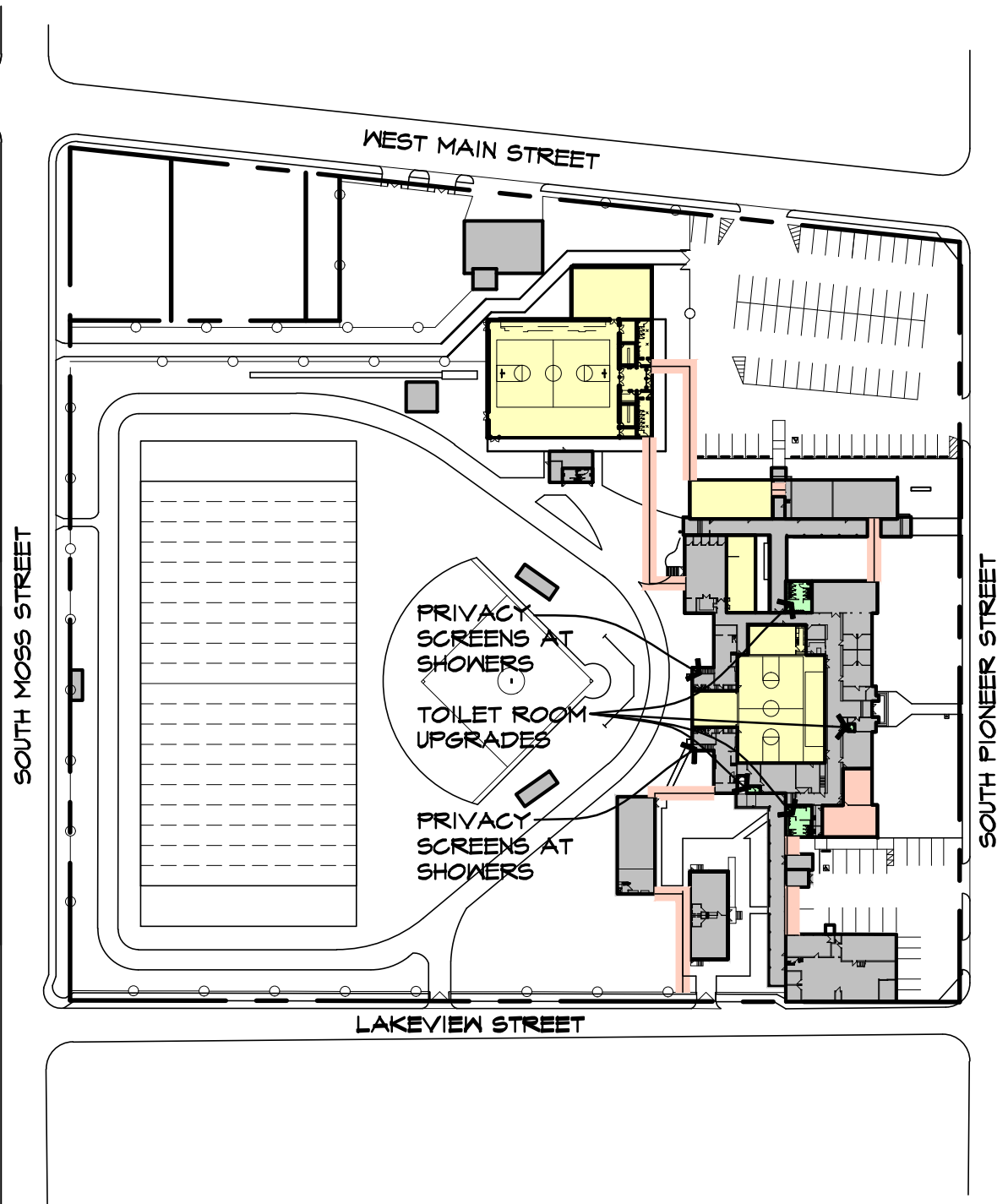


LUNDY PRE-K AND K DEVELOPMENT

PROPOSED FLOOR PLAN - PRIORITY 3

SCALE: 1" = 80'-0"





LOWELL HIGH SCHOOL

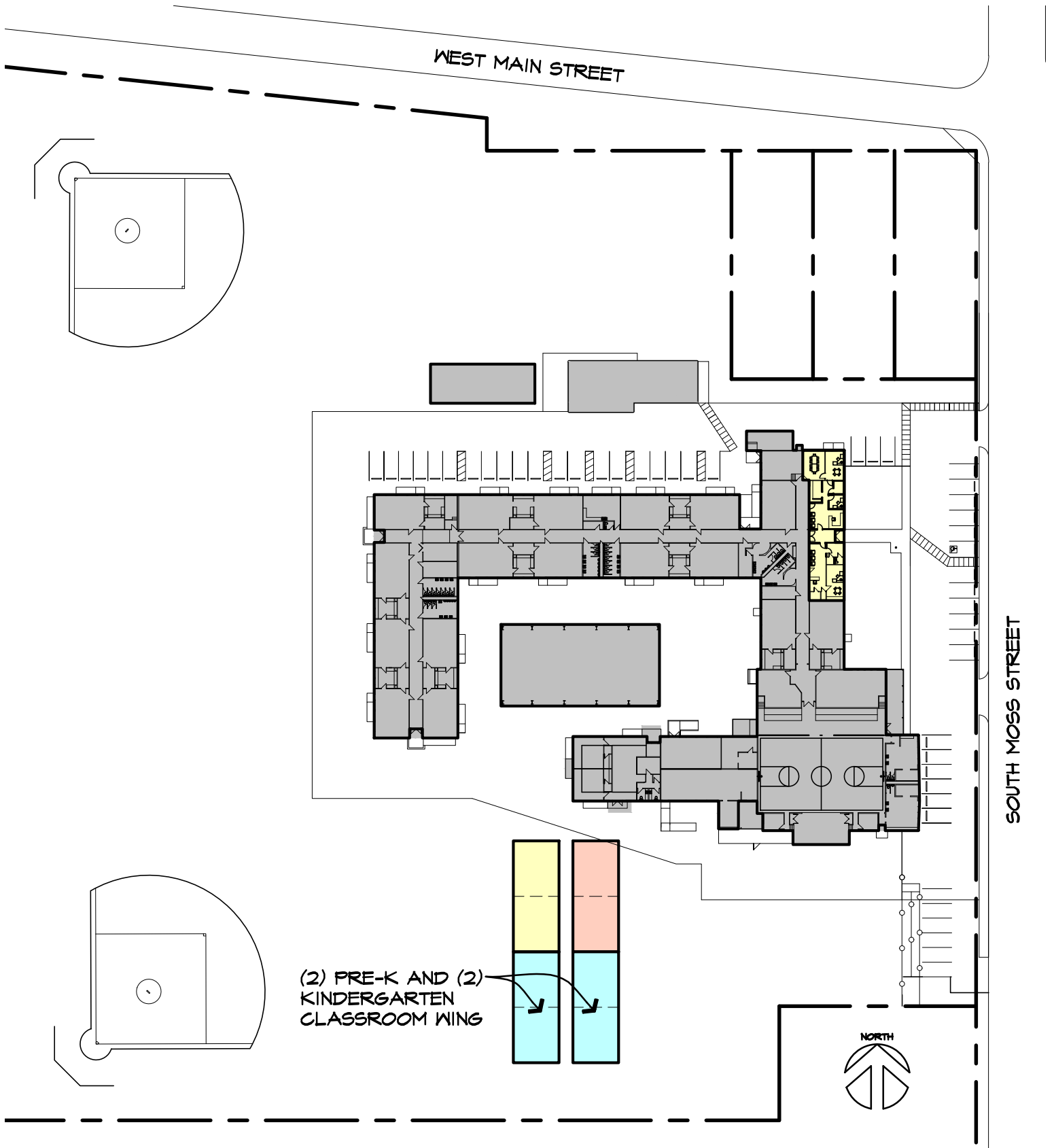
PROPOSED FLOOR PLAN - PRIORITY 3

SCALE: 1" = 100'-0"



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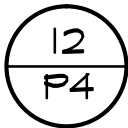
Attachment 8.2



LUNDY PRE-K AND K DEVELOPMENT

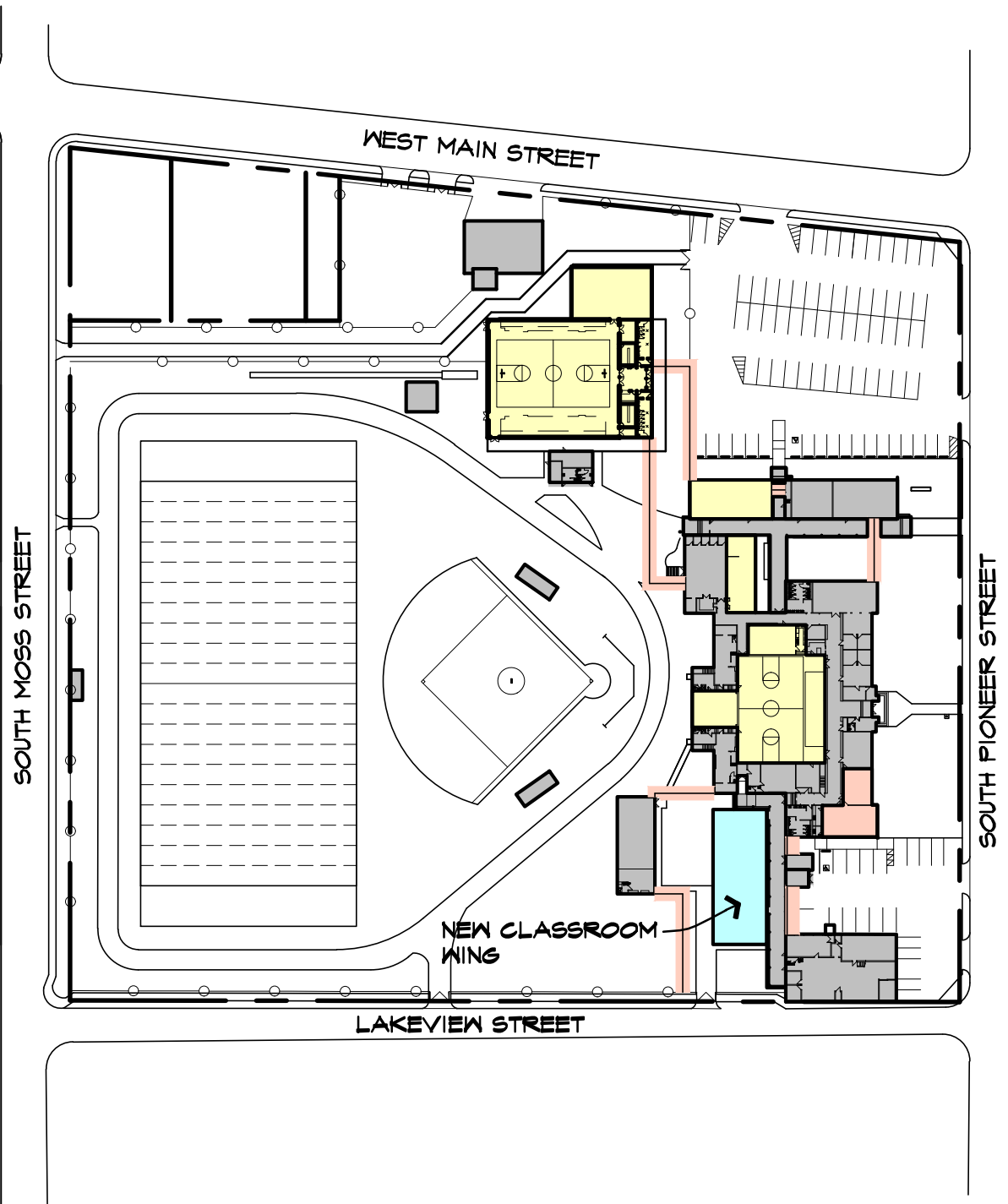
PROPOSED FLOOR PLAN - PRIORITY 4

SCALE: 1" = 80'-0"



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Attachment 8.2



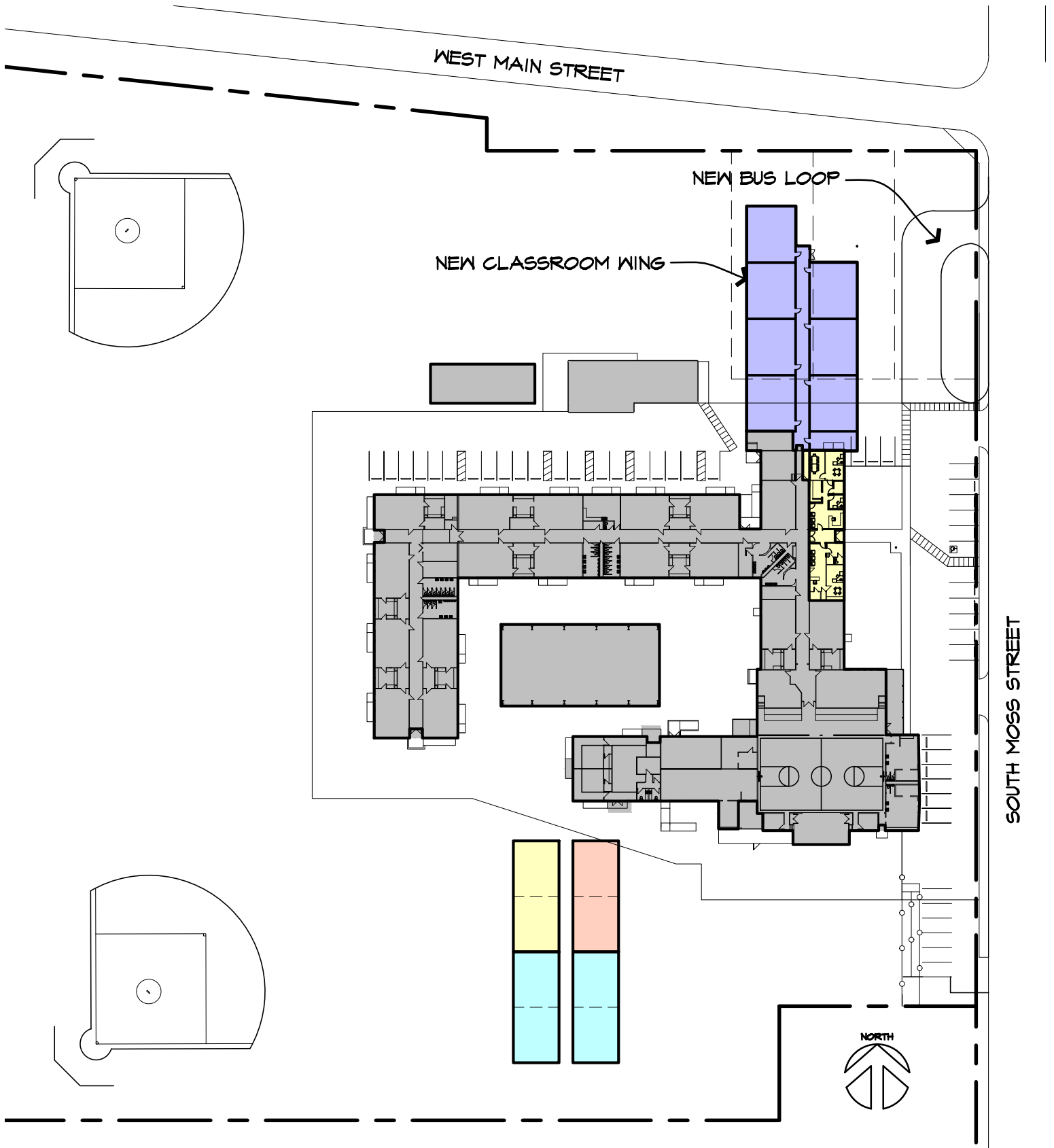
LOWELL HIGH SCHOOL

PROPOSED FLOOR PLAN - PRIORITY 4

SCALE: 1" = 100'-0"



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P4



LUNDY PRE-K AND K DEVELOPMENT

PROPOSED FLOOR PLAN - PRIORITY 5

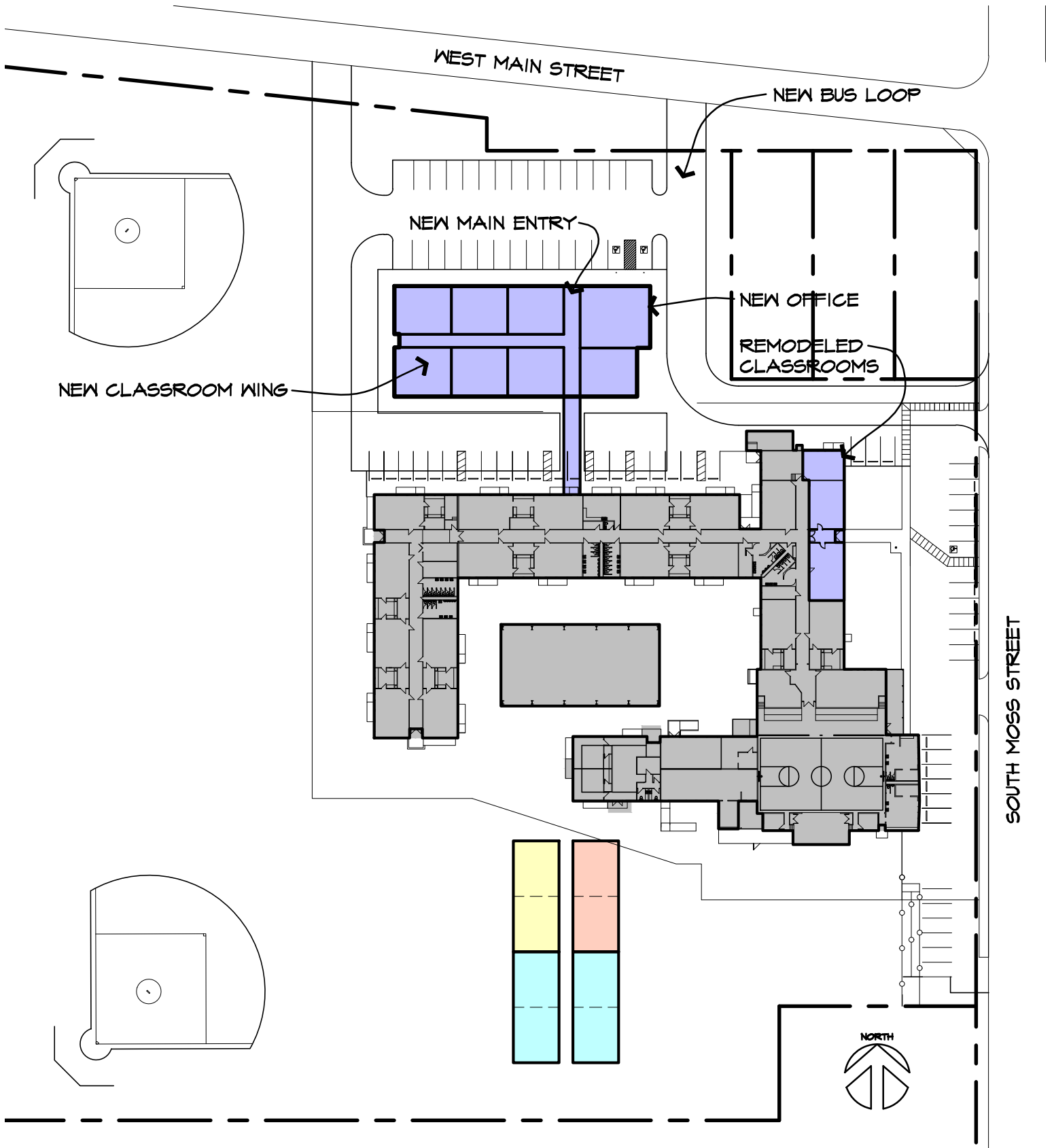
SCALE: 1" = 80'-0"

OPTION 1

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Attachment 8.2





LUNDY PRE-K AND K DEVELOPMENT

PROPOSED FLOOR PLAN - PRIORITY 5

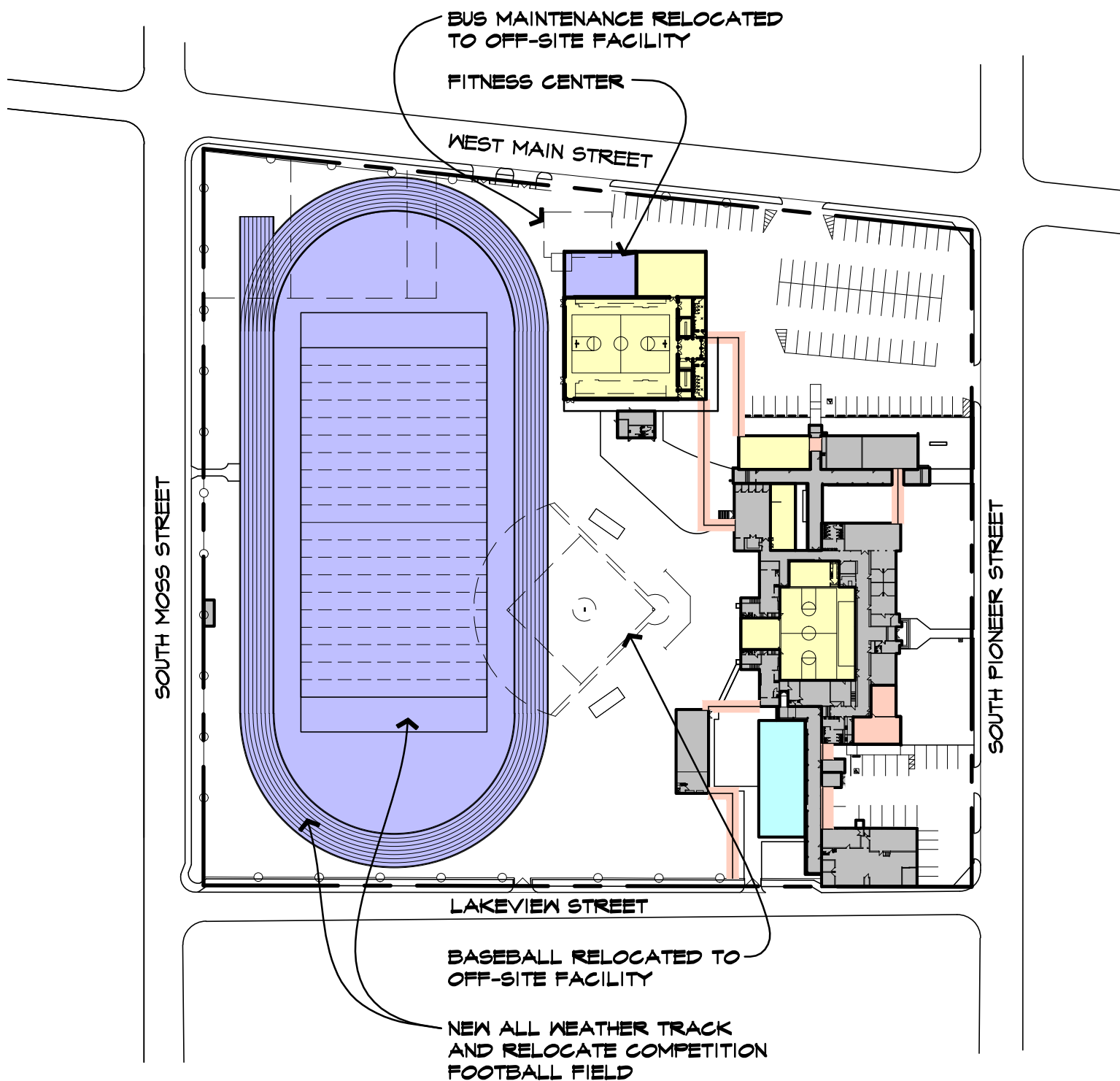
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OPTION 2

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Attachment 8.2





LOWELL HIGH SCHOOL

PROPOSED FLOOR PLAN - PRIORITY 5

SCALE: 1" = 100'-0"



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P5

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Attachment 8.2

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LOWELL SCHOOL DISTRICT

LUNDY ELEMENTARY SCHOOL & LOWELL HIGH SCHOOL

FACILITIES ASSESSMENT - DEFICIENCIES AND RECOMMENDATIONS

ABBR:					NOTES:					
ADA = ADA Upgrades		Safety = Safety and Security			1. Needs further study. Feasible solution not identified.					
Deficient = Facility Deficiencies		Tech = Technology			2. Provide camera system with electronic door locks.					
LS = Lump Sum		Elect = Electrical Systems			3. Existing ramp is not code compliant.					
Maint = Maintenance Needs		Mech = Mechanical Systems								
No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
				<u>Priority 1</u>						
1	Lundy	ADA	1	Provide lever hardware at all doors	80	EA	500	40,000	54,400	
2	Lundy	Safety	1	Main office has no visual control of entries- upgrade existing camera system	1	LS	15,000	15,000	20,400	
3	Lundy	Safety	1	Multiple entries, building has no containment	6	EA	2,000	12,000	16,320	
4	Lundy	Maint	1	Provide new suspended ceiling and lighting in classrooms and hallway	20,000	SF	7	140,000	190,400	
5	Lundy	Maint	1	Upgrade acoustics in gym	1,440	SF	15	21,600	29,376	
6	Lundy	Maint	1	Replace all chalk boards and upgrade teaching wall - resurface other walls	20	EA	9,500	190,000	258,400	
7	Lundy	Maint	1	Remodel breakout/storage rooms	9	EA	5,000	45,000	61,200	
8	Lundy	Haz Mat	1	Box in insulation on pipes in toilet and other rooms	1	LS	5,000	5,000	6,800	
9	Lundy	Mech	1	• Complete insulation of heating water piping and components	300	LF	20	6,000	8,160	
10	Lundy	Mech	1	• Install new toilet exhaust fans for toilet rooms	5	ea	3,000	15,000	20,400	
11	Lundy	Mech	1	Add air conditioning to classrooms	18	ea	3,500	63,000	85,680	
12	Lundy	Mech	1	• Replace galvanized piping throughout building and insulate	650	LF	45	29,250	39,780	
13	Lundy	Mech	1	• Replace older fixtures with new low-flow fixtures	65	ea	300	19,500	26,520	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
14	Lundy	Elect	1	• Replace existing fluorescent surface wrap luminaires with LED type: common areas, restrooms, classrooms, Cafeteria and support areas.	1	lot	115,000	115,000	156,400	
15	Lundy	Elect	1	• Replace existing fluorescent surface wrap luminaires with lensed/gasketed food service LED type – Kitchen area.	1	lot	3,000	3,000	4,080	
16	Lundy	Elect	1	• Replace all luminaires in Locker Rooms with new impact-resistant surface mount lensed wraps, LED type.	1	lot	5,000	5,000	6,800	
17	Lundy	Elect	1	• Provide local occupancy sensor control to occupied rooms and support spaces.	1	lot	38,000	38,000	51,680	
18	Lundy	Elect	1	• Provide occupancy sensor controls at Gym.	1	lot	10,000	10,000	13,600	
19	Lundy	Elect	1	• Replace select fixtures in corridor egress paths and at gym with local battery pack ballast with 90-minute backup in order to illuminate egress paths with minimum code required footcandle levels. Provide constant-hot charging branch circuit.	1	lot	18,000	18,000	24,480	
20	Lundy	Elect	1	• Removal of old fire alarm system pull station devices and bells. Provide new manual fire alarm/sprinkler monitoring and alarm system with voice evacuation/alarm communication and visual strobe notification	1	lot	75,000	75,000	102,000	
21	Lundy	Elect	1	• Provide A/V media equipment at each classroom, and permanent conduit and junction box provisions for installation of ceiling projectors, media connectivity at the teacher's station, and speakers.	21	lot	5,000	105,000	142,800	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
22	Lundy	Elect	1	• Replace horizontal copper cabling and upgrade to CAT 6. Provide 2 drops in ceiling for projector and future wireless access points, and 4 drops low in the wall for general use.	1	lot	25,000	25,000	34,000	
23	Lundy	Elect	1	• Provide new floor-standing rack system and patch panel connectivity for interconnection of active equipment to horizontal copper cabling.	1	lot	12,000	12,000	16,320	
24	Lundy	Elect	1	• Demolish/remove old clock/speaker system and cabling. Raceways are to remain to serve new systems.	1	lot	10,000	10,000	13,600	
25	Lundy	Elect	1	• Provide new intercom/bell/clock system and speakers, compatible with the new school phone system. Intercom system shall be capable of networking with school network and interfacing with server software applications.	1	lot	45,000	45,000	61,200	
26	Lowell HS Main Bldg	Safety	1	Gym west exit ramp is too steep and it is the only ADA access to the west classrooms without circling the school	1	LS	32,000	32,000	43,520	
27	Lowel HS Main Bldg	ADA	1	Girls locker room lacks ADA water closet stall like boys	1	LS	2,200	2,200	2,992	
28	Lowel HS Main Bldg	ADA	1	No wheelchair access to stage	1	LS	35,000	35,000	47,600	
29	Lowel HS Main Bldg	ADA	1	Lack of lever hardware on doors	55	EA	500	27,500	37,400	
30	Lowel HS Main Bldg	Haz Mat	1	Replace asbestos floor tile 9130 sf	9,130	SF	12	109,560	149,002	
31	Lowel HS Main Bldg	Deficient	1	Replace chalk boards with marker boards, upgrade teaching walls and replace wall finishes	10	EA	1,600	16,000	21,760	
32	Lowel HS Main Bldg	Maint	1	Replace library carpet.	1,100	SF	6	6,600	8,976	
33	Lowel HS Main Bldg	Maint	1	New stage lighting and sound	1	LS	60,000	60,000	81,600	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
34	Lowell HS Main Bldg	Security	1	Main office has no visual control of entries - provide camera system	1	LS	45,000	45,000	61,200	Camera System
35	Lowell HS Main Bldg	Security	1	Site access is not controlled	1	LS	50,000	50,000	68,000	Fence & Gates
36	Lowell HS Main Bldg	Maint	1	Redo hallway walls	1	LS	8,000	8,000	10,880	
37	Lowell HS Main Bldg	Maint	1	Science classrooms need updating and new cabinets - reconfigure science classrooms.	1	LS	90,000	90,000	122,400	
38	Lowell HS Main Bldg	Maint	1	Upgrade fume hood in science lab room	1	LS	8,000	8,000	10,880	
39	Lowell HS East Bldg	Haz Mat	1	Replace asbestos floor tile 4000 sf	4,000	SF	12	48,000	65,280	
40	Lowell HS Shop Bldg	ADA	1	Only wheelchair access is through overhead doors	1	LS	3,300	3,300	4,488	
41	Lowell HS Shop Bldg	Maint	1	Replace ceiling in northeast classroom	550	SF	10	5,500	7,480	
42	Lowell HS Shop Bldg	Maint	1	Repair CMU in paint booth	1	LS	1,000	1,000	1,360	
43	Lowell HS Shop Bldg	Haz Mat	1	Replace asbestos floor tile 1400 sf	1,400	SF	12	16,800	22,848	
44	Lowell HS Shop Bldg	Safety	1	Repair CMU chimney and hole in wall	1	LS	1,000	1,000	1,360	
45	Lowell HS Parking Lot	ADA	1	Disabled parking needs updating	1	LS	1,500	1,500	2,040	
46	Lowell HS Campus Wide	Deficient	1	Update classroom door signage	1	LS	1,000	1,000	1,360	
47	Lowell HS Campus Wide	Maint	1	Replace canopy roofing with single ply	1,200	SF	8	9,600	13,056	
48	Lowell HS	Safety	1	Add door at end of hallway	1	EA	5,000	5,000	6,800	
49	Lowell HS Wrestling	Haz Mat	1	Replace asbestos floor tile 54 sf. Check rest of room	54	SF	12	648	881	
50	Lowell HS Shop Bldg	Maint	1	Check age of shop roof	4,100	SF	8	32,800	44,608	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
51	Lowell HS	Deficient	1	<ul style="list-style-type: none"> Replace select fixtures in corridor egress paths and at gym with local battery pack ballast with 90-minute backup in order to illuminate egress paths with minimum code required footcandle levels. Provide constant-hot charging branch circuit. 	1	lot	18,000	18,000	24,480	
52	Lowell HS	Mech	1	<ul style="list-style-type: none"> Replace boiler flue vent piping in boiler room 	2	ea	1,800	3,600	4,896	
53	Lowell HS	Mech	1	<ul style="list-style-type: none"> Replace steam condensate piping and insulate 	500	LF	55	27,500	37,400	
54	Lowell HS	Mech	1	<ul style="list-style-type: none"> Insulate bare piping in Basement and elsewhere 	200	LF	20	4,000	5,440	
55	Lowell HS	Mech	1	<ul style="list-style-type: none"> Replace fan coil units in Gym and Band Rooms 	2	ea	15,000	30,000	40,800	
56	Lowell HS	Mech	1	<ul style="list-style-type: none"> Seismically anchor rooftop condensing units 	4	ea	500	2,000	2,720	
57	Lowell HS	Mech	1	<ul style="list-style-type: none"> Replace all vintage exhaust fans with new fans 	3	ea	3,000	9,000	12,240	
58	Lowell HS	Mech	1	Add air conditioning to classrooms	7	ea	3,500	24,500	33,320	
59	Lowell HS	Mech	1	<ul style="list-style-type: none"> Replace all remaining galvanized water distribution piping 	850	LF	45	38,250	52,020	
60	Lowell HS	Mech	1	<ul style="list-style-type: none"> Replace older fixtures with new low flow fixtures 	43	ea	300	12,900	17,544	
61	Lowell HS	Mech	1	<ul style="list-style-type: none"> Install emergency backup sump pump 	1	ea	5,000	5,000	6,800	
62	Lowell HS	Elect	1	<ul style="list-style-type: none"> Concessions Building: Provide new LED linear wraps at restrooms and concessions stand, and LED cutoff wall packs on exterior walls. 	1	lot	5,000	5,000	6,800	
63	Lowell HS	Elect	1	<ul style="list-style-type: none"> Replace existing fluorescent surface wrap luminaires with LED type - common areas, restrooms, classrooms, stage and support areas 	1	lot	50,000	50,000	68,000	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
64	Lowell HS	Elect	1	• Replace existing fluorescent linear pendant luminaires with LED type – library, classrooms, and support areas where occurring.	1	lot	30,000	30,000	40,800	
65	Lowell HS	Elect	1	• Remove old fire alarm system pull station devices and sirens. Provide new manual fire alarm/sprinkler monitoring and alarm system with voice evac/alarm communication and visual strobe notification.	1	lot	75,000	75,000	102,000	
66	Lowell HS	Elect	1	• Provide fiber cabling upgrade, to replace underground fiber link running from elementary school to high school. Provide 12MM/12SM outside plant fiber cabling, as specified by the District.	1	lot	15,000	15,000	20,400	
67	Lowell HS	Elect	1	• Provide A/V media equipment at each classroom, and permanent conduit and junction box provisions for installation of ceiling projectors, media connectivity at the teacher's station, and speakers.	10	lot	5,000	50,000	68,000	
68	Lowell HS	Elect	1	• Provide A/V media equipment at stage/gym, and permanent conduit and junction box provisions for installation of ceiling projector, media and microphone connectivity at the stage, and speakers. Remove abandoned antique A/V equipment.	1	lot	20,000	20,000	27,200	
69	Lowell HS	Elect	1	• Demolish/remove old clock/speaker system and cabling. Raceways are to remain to serve new systems.	1	lot	10,000	10,000	13,600	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
70	Lowell HS	Elect	1	• Provide new intercom/bell/clock system and speakers, compatible with the new school phone system. Intercom system shall be capable of networking with school network and interfacing with server software applications.	1	lot	45,000	45,000	61,200	
71	Lowell HS	Elect	1	• Provide magnetic door locks for exterior doors, centrally controlled from the office.	15	lot	2,000	30,000	40,800	
72	Lowell HS	Elect	1	• Replace horizontal copper cabling and upgrade to CAT 6. Provide 2 drops in ceiling for projector and future wireless access points, and 4 drops low in the wall for general use.	1	lot	20,000	20,000	27,200	
73				Priority 1 Total Cost				\$2,203,108	\$2,996,227	
74										
75				Priority 2						
76	Lundy	Deficient	2	New modular for Pre-K and K - (2) classroom modular	1	LS	160,000	\$160,000	\$217,600	
77	Lundy	Deficient	2	Relocated offices, enlarge charter school office	2,000	sf	150	300,000	\$408,000	
78	Lowell HS Campus Wide	Deficient	2	New gym building with support facilities	10,000	SF	270	2,700,000	\$3,672,000	
79	Lowell HS Wrestling	Deficient	2	Add Wrestling room	2,340	sf	220	585,000	\$795,600	
80	Lowell HS Main Bldg	Deficient	2	Move cafeteria into multi-purpose room, relocated kitchen to adjacent space, refigure to add classroom	1	LS	30,000	30,000	\$40,800	
81	Lowell HS Main Bldg	Deficient	2	Replace gym wood flooring with sheet flooring	1	LS	10,300	10,300	\$14,008	
82				Priority 2 Total Cost				\$3,785,300	\$5,148,008	
83										
84				Priority 3						
85	Lundy	ADA	3	Upgrade charter school student toilet rooms to ADA	1	LS	8,000	8,000	11,040	
86	Lundy	Maint	3	Upgrade finishes in (6) student toilet rooms.	6	EA	25,000	150,000	207,000	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
87	Lundy	Safety	1	Alt 1 Replace all doors and frames	1	LS	230,000	230,000	\$312,800	
88	Lowell HS	Safety	1	Alt 1 Replace all doors and frames	1	LS	110,000	110,000	\$149,600	
89	Lowel HS Main Bldg	Maint	3	Restrooms need updated finish	2	EA	25,000	50,000	69,000	
90	Lowel HS Main Bldg	ADA	3	Staff toilet room needs updating and is not accessible	1	LS	25,000	25,000	34,500	
91	Lowel HS Main Bldg	Deficient	3	Add Privacy Curtains At Showers	1	LS	2,500	2,500	3,450	
92				Priority 3 Total Cost				\$575,500	\$794,190	
93										
94				Priority 4						
95	Lundy	Maint	4	Provide new ceiling in gym	5,000	SF	7	35,000	48,300	
96	Lundy	Deficient	4	Additional 2 classroom modular	1	LS	160,000	160,000	220,800	
97	Lundy	Mech	4	• Remove the water-to-water heat exchanger if not in use, or insulate	1	ea	1,000	1,000	1,380	
98	Lundy	Elect	4	• Main Switchboard: Test distribution circuit breakers by current injection method and replace failed as needed. Torque check of feeder terminations. Test (Megger) feeder conductors to panelboards. Visually inspect internal bussing for signs of corrosion. De-energize and clean interior of dust and debris. Check supply houses for circuit breaker and hardware availability.	1	lot	15,000	15,000	20,700	
99	Lundy	Elect	4	• Replace all branch panels with new panelboards.	1	lot	60,000	60,000	82,800	
100	Lundy	Elect	4	• Replace old flush lighting load centers with new.	1	lot	15,000	15,000	20,700	
101	Lowell HS Wrestling	Maint	4	Toilet room needs updating	1	LS	25,000	25,000	34,500	
102	Lowell HS Wrestling	Safety	4	Door landing outside of main door to building is too small per code	1	LS	1,500	1,500	2,070	
103	Lowell HS Campus Wide	Deficient	4	Demo wrestling bldg and modular construct new classroom wing	4,600	SF	300	1,380,000	1,904,400	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
104	Lowell HS	Deficient	4	• Main Service equipment: Provide new metered service, free-standing 3-phase switchboard, sized to backfeed the multiple 1-phase services and the 3-phase service at the shop, and to accommodate future potential growth.	1	lot	100,000	100,000	138,000	
105	Lowell HS	Deficient	4	• Replace all branch panels and former service panels with new panelboards.	1	lot	75,000	75,000	103,500	
106	Lowell HS	Deficient	4	• Replace existing exterior canopy fixtures with LED type.	1	lot	11,000	11,000	15,180	
107	Lowell HS	Deficient	4	• Replace existing incandescent ceramic base fixtures in basement with lensed impact resistant LED wraps.	1	lot	5,000	5,000	6,900	
108	Lowell HS	Deficient	4	• Replace all luminaires in locker rooms with new impact resistant surface mount lensed wraps, LED type.	1	lot	8,000	8,000	11,040	
109	Lowell HS	Deficient	4	• Provide local occupancy sensor control to occupied rooms and support spaces.	1	lot	34,000	34,000	46,920	
110	Lowell HS	Deficient	4	• Provide occupancy sensor controls at gym.	1	lot	10,000	10,000	13,800	
111	Lowell HS	Deficient	4	• Provide astronomical time clock controls for corridors and common areas, and exterior lighting.	1	lot	20,000	20,000	27,600	
112	Lowell HS	Deficient	4	• Provide new floor-standing rack system and patch panel connectivity for interconnection of active equipment to horizontal copper cabling.	1	lot	12,000	12,000	16,560	
113	Lowell HS Main Bldg	Deficient	4	Access to modular building not covered	1	LS	20,000	20,000	27,600	
114	Lowell HS Main Bldg	Safety	4	Add handrails at laundry stair	1	LS	2,000	2,000	2,760	
115	Lowell HS Shop Bldg	Maint	4	Toilet room and handsink need update	1	LS	25,000	25,000	34,500	
116	Lowell HS Shop Bldg	Safety	4	Remove concrete roof overhang	1	LS	6,000	6,000	8,280	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
117	Lowell HS Modular	Maint	4	Replace failing concrete walk	2,000	SF	6	12,000	16,560	
118				Priority 4 Total Cost				\$2,032,500	\$2,804,850	
119										
120				Priority 5						
121	Lundy	Safety	5	Main entry is lacking entry lobby.	1	LS	72,000	72,000	99,360	
122	Lundy	Safety	5	Verify slope of hallway ramp to charter school.				0	0	TBD
123	Lundy	ADA	5	No wheelchair access to upper gym (robotics lab?) - Upgrade gym separation.	1	LS	35,000	35,000	48,300	Lift
124	Lundy	ADA	5	No wheelchair access to stage	1	LS	35,000	35,000	48,300	
125	Lundy	ADA	5	Move speech to accessible room, or modify room.				0	0	TBD
126	Lundy	Deficient	5	Locker rooms are not utilized. If used, make ADA compliant				0	0	TBD
127	Lundy	Deficient	5	Music room is small				0	0	TBD
128	Lundy	Maint	5	Replace gym bleachers and include ADA seating	1	LS	45,000	45,000	62,100	
129	Lundy	Maint	5	Bus access overlaps parent drop off				0	0	TBD
130	Lundy	Deficient	5	Add Pre-K and retrofit Kindergarten classroom	7	EA	360,000	2,520,000	3,477,600	
131	Lundy	Deficient	5	Create more direct route to courtyard	1	LS	15,000	15,000	20,700	
132	Lundy	ADA	5	Provide accessible route to soft play area	1	LS	5,000	5,000	6,900	
133	Lundy Site	Maint	5	Building is in questionable condition	1	LS		0	0	TBD
134	Lundy Maint shop	Mech	5	• Modify ductwork for small rooms between west wing classrooms for complete heating and ventilation coverage	2	ea	5,000	10,000	13,800	
135	Lundy	Mech	5	• Install ventilation system for the Music Room and room across the hall (131)	2	ea	5,000	10,000	13,800	
136	Lundy	Mech	5	• Install ventilation unit for Gym.	1	ea	25,000	25,000	34,500	
137	Lundy	Mech	5	• Install an exhaust hood and fan for dishwasher, and makeup air source.	1	ea	15,000	15,000	20,700	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
138	Lundy	Mech	5	• Replace boiler room water heaters and seismically brace	2	ea	2,500	5,000	6,900	
139	Lundy	Mech	5	• Install an automatic fire suppression system.	37,893	sf	3	113,679	156,877	
140	Lundy	Elect	5	• Provide astronomical time clock controls for corridors and common areas, and exterior lighting.	1	lot	20,000	20,000	27,600	
141	Lowell HS Main Bldg	Maint	5	New lockers	200	EA	375	75,000	103,500	
142	Lowell HS Main Bldg	Safety	5	Main ramp from parking lot missing landing at double doors	62'x11'	SF	12	8,184	11,294	
143	Lowell HS Main Bldg	Safety	5	Gym bleacher exiting does not comply with current code	1	LS	45,000	45,000	62,100	New Bleachers
144	Lowell HS Main Bldg	ADA	5	Coaches offices have no wheelchair access				0	0	TBD
145	Lowell HS Main Bldg	ADA	5	Boys locker room lacks ADA shower stall				0	0	TBD
146	Lowell HS Main Bldg	Safety	5	Basement ramp is too steep				0	0	TBD
147	Lowell HS Main Bldg	ADA	5	No wheelchair access to weight room and boys team room				0	0	TBD
148	Lowell HS Main Bldg	Deficient	5	One classroom has no daylighting or window views	1	LS	6,000	6,000	8,280	Add Lite Tube
149	Lowell HS Main Bldg	Deficient	5	Separate commons room for middle school is recommended				0	0	TBD
150	Lowell HS Main Bldg	ADA	5	Verify 36" high serving counter at snack bar				0	0	TBD
151	Lowell HS Shop Bldg	Maint	5	Drafting room needs finish update	160	SF	20	3,200	4,416	
152	Lowell HS Shop Bldg	Safety	5	Stair to loft needs guardrail and handrail updates	20	LF	60	1,200	1,656	
153	Lowell HS Fields	Deficient	5	Track is not regulation shape				0	0	TBD
154	Lowell HS Fields	Maint	5	Football field scoreboard is outdated				0	0	TBD
155	Lowell HS Campus Wide	Deficient	5	Seismically reinforce building	1	LS		0	0	Separate
156	Lowell HS	Deficient	5	• Install a small package rooftop unit for Classroom 116	1	ea	4,500	4,500	6,210	
157	Lowell HS	Maint	5	• Replace the garage unit heaters	2	ea	2,000	4,000	5,520	

No.	School	Category	Priority Source	Item	Qty	Units	Unit Price (\$)	Const. Cost (\$)	With Soft Cost (1.38%)	Notes
158	Lowell HS	Deficient	5	• Install an automatic fire suppression system.	25,806	sf	3	77,418	106,837	(not portables)
159	Lowell HS	Deficient	5	• Provide new service and distribution equipment at Bus Maintenance Garage.	1	lot	20,000	20,000	27,600	
160	Lowell HS	Deficient	5	• Provide explosionproof conduit seals for branch circuiting serving the fuel pumping station/tanks area at Bus Maintenance Garage.	1	lot	5,000	5,000	6,900	
161	Lowell HS	Deficient	5	• Bus Maintenance Garage: Provide new fluorescent fixtures with wire guard protection at shop areas, lensed fluorescent or LED wraps at offices, and LED wall packs and flood lights at building exterior.	1	lot	10,000	10,000	13,800	
162	Lowell HS	Deficient	5	• Provide phone system upgrade to VOIP, as specified by the District IT department.	1	lot	20,000	20,000	27,600	
163				Priority 5 Total Cost				TBD	TBD	