

7.12 MASTER PLAN DIAGRAMS

KATELLA HIGH | OVERVIEW



- Classrooms, CR
- Science Labs, SCI
- Special Education
- Electives
- Computer Lab
- Admin / Faculty
FW - Faculty Work, FL - Faculty Lounge
- Library / MPR
- Food Service
- Physical Education / Athletics
PE - Physical Education, LR - Locker Room
- Support Spaces
S - Storage, T - Toilets, U - Utility, C - Custodial

- Hardcourts
- Play Fields
- ☆ Main Entrance
- Drop-off

240 ft
1" = 240'

MASTER PLAN DIAGRAMS KATELLA HIGH | EXISTING

Anaheim Union High School District began a long range Facilities Master Plan in October 2013. Over the last 7 months, the District has engaged school site staff, teachers, principals, community members, and leadership in the discussion about what the vision of AUHSD's schools should become. This existing site map represents the uses identified in the needs assessment study, completed in February 2014. Additional input was incorporated into the plan based on LPA's site walks and Site Committee meetings in November - December 2014, where there was a review of each school's site committee questionnaire responses and initial planning opportunities were identified.

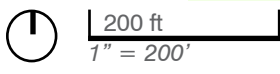
Facilities Master Planning is, by its nature, a broad endeavor. The Facilities Master Plan (FMP) developed is a "living" document and also a strategic planning tool that will identify short-term and long-term facility goals for the District.



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- Play Fields
- Main Entrance
- Drop-off

Current Enrollment :	2,571
Teaching Stations	
Classrooms	58
Science Labs	12
Elective	18
Sub Total:	88
Resource Specialist, RSP	0
Special Education	0
Grand Total:	88



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MASTER PLAN DIAGRAMS

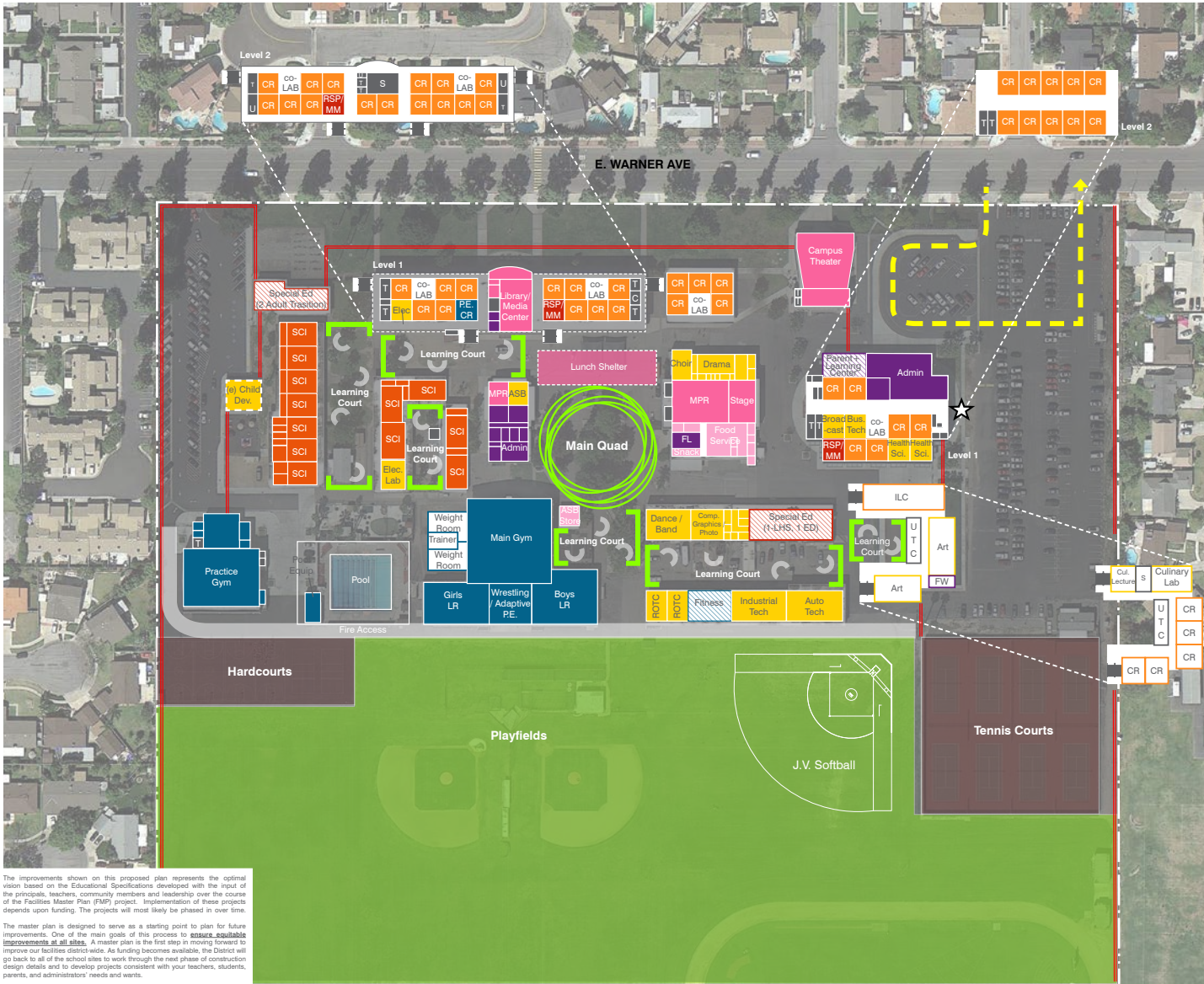
KATELLA HIGH | PROPOSED OVERALL + CIRCULATION



- Main Entry Point / Circulation
- Drop-Off
- Fire Lane
- Fencing / Landscape Buffer
- Existing Building
- New Construction
- Learning Courts
- Main Quad
- Hardcourts
- Play Fields
- Main Entrance

240 ft
1" = 240'

7.12 MASTER PLAN DIAGRAMS KATELLA HIGH | PROPOSED



Modernization
New Construction
Reconfigure

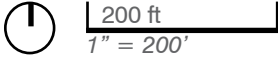
- Classrooms, CR
- Science Labs, SCI
- Special Education
- Electives
Lab spaces will be determined by program need. They could include Pale. STEM, or other elective.
- Admin / Faculty
FW - Faculty Work, FL - Faculty Lounge
- Library / MPR
- Food Service
- Physical Ed / Athletics
PE - Physical Education, LR - Locker Room
- Support Spaces
S - Storage, T - Toilets, O - Office
U - Utilities & Building Support,
C - Custodial

- Learning Courts
- Main Quad
(Site Improvements)
- Hardcourts
- Play Fields
- Main Entrance
- Fire Lane
- Fencing / Landscape Buffer
- Drop - Off

Planning Capacity:	2,500
Teaching Stations	
Classrooms	52
Science Labs	12
Elective	23
Sub Total:	87
Resource Specialist Program / Mild - Moderate, RSP/MM	2
Special Education	4
Physical Education / Athletics	5
Grand Total:	98

The improvements shown on this proposed plan represents the optimal vision based on the Educational Specifications developed with the input of the principals, teachers, community members and leadership over the course of the Facilities Master Plan (FMP) project. Implementation of these projects depends upon funding. The projects will most likely be phased in over time.

The master plan is designed to serve as a starting point to plan for future improvements. One of the main goals of this process is to **ensure equitable improvements at all sites**. A master plan is the first step in moving forward to improve our facilities district-wide. As funding becomes available, the District will go back to all of the school sites to work through the next phase of construction design details and to develop projects consistent with your teachers, students, parents, and administrators' needs and wants.



MASTER PLAN DIAGRAMS

KATELLA HIGH | PROPOSED-PHASE 1

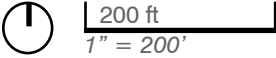


Modernization
New Construction
Reconfigure

- Classrooms, CR
- Science Labs, SCI
- Special Education
- Electives**
Lab spaces will be determined by program need. They could include PE, STEW, or other elective.
- Admin / Faculty
FW - Faculty Work, FL - Faculty Lounge
- Library / MPR
- Food Service
- Physical Ed / Athletics**
PE - Physical Education, LR - Locker Room
- Support Spaces**
S - Storage, T - Toilets, O - Office
U - Utilities & Building Support,
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- Learning Courts
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(Site Improvements)
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- Drop - Off

- PROPOSED SCOPE OF WORK**
- Phase 1A**
1. Flexible furniture, equipment and technology infrastructure at some Classrooms (*Scope of work and areas of work to be determined)
 2. New lunch shelter and Main Quad site improvements
 3. Safety & security improvements including fencing, cameras and locks
- Phase 1B (included if additional funding becomes available)**
1. Reconfigure / Modernization of existing Science Lab building



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MASTER PLAN DIAGRAMS KATELLA HIGH | PROGRAM

Katella High School
ANAHEIM UNION HIGH SCHOOL DISTRICT

2500 Student Program

New Construction Statistical Summary

2500 Student Master Plan Capacity (District Loading @ 27 Students/Teaching Station = 93 TS)

625 Students/Grade (Grades 9-12)

125 Students/Period = (4) Teaching Stations (6 Period Day, 32 Students/TS)

Academic Core

	State/Local Capacity	Regular Classroom	Regular Lab	State Loading	AUHSD Loading	Square Footage
Core Academic + Foreign Language	27/32	5	0	135	160	8,598
Science	27/32	0	0	0	0	0
Performing Arts	27/32	0	0	0	0	0
Multi-Media Arts	27/32	0	2	54	64	5,586
Business/Design/Engineering	27/32	0	0	0	0	0
Transportation/Alternative Energy	27/32	0	0	0	0	0
Industrial Technology	27/32	0	0	0	0	0
Hospitality Tourism Recreation	27/32	1	1	27	32	4,469
Specialized Electives	27/32	0	0	0	0	0
Physical Education	27/0	0	0	0	0	8,732
ASB + Career Center	27/0			0	0	(In SF Below)
Total - Academic Core		6	3	216	256	27,386
RSP	13/28	3	-	39	84	(In SF Below)
Special Ed - Mod	13/15	4	-	52	60	12,090

Total: All Spaces 13 3 307 400 **39,475**

Student/Staff Support

Student Support Services:	3,990
Library/Media Center:	0
Student Union/Campus Center:	0
Faculty Support Services:	0
Food Service/Custodial Support:	8,333
Total Student/Staff Support:	12,323

Grand Total - Gross SF: 51,798

Katella High School
ANAHEIM UNION HIGH SCHOOL DISTRICT

Educational Program Specification

Depart:	Space:	Type/Area:	Number:	Total Area:	Department by Type		
					SC/NS	ANC	SP
					Scheduled Non-Scheduled	Ancillary	Support

Base Program - Academic Core

Academic Core

Teaching Stations

1	Standard Classroom (2 RSP)	SC	960	5	4,800			
2	Shared Commons	ANC	240	5	1,200			
						4,800	1,200	0
						6,000		

PLC - Collaborative Teaming Area

3	Staff Collaboration	ANC	300	1	300			
4	Staff Toilets	ANC	65	1	65			
5	Storage	ANC	100	1	100			
						0	465	0
						465		

Sub-Total Academic Core Net SF:	4,800	1,665	0
Circulation/Support @ 25% (x 1.33):			6,465
Total Academic Core Gross SF:			8,598

Note: 9 Standard Teaching Stations/Cluster = 55 Standard Teaching Stations
16 English + 12 History + 8 Foreign Language + 16 Math + 3 RSP = 55 Standard Teaching Stations

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MASTER PLAN DIAGRAMS KATELLA HIGH | PROGRAM

Katella High School
ANAHEIM UNION HIGH SCHOOL DISTRICT

Educational Program Specification

Depart:	Space:	Type	Area:	Number:	Total Area:	Department by Type		
						SC/NS	ANC	SP
						Scheduled	Ancillary	Support
						Non-Scheduled		

Special Education - Mod

RSP/MM

8	Classroom	SC	960	3	2,880			
						2,880		0
						2,880		

Special Education - LHS, SH, Autism

9	MM, DHH, VI, OH, O+M	SC	0	0	0	Mainstream/Learning Center		
10	LHS,SH,Autism Classroom	SC	960	1	960			
11	Toilets/Hygiene	ANC	270	1	270			
12	Sensory	ANC	250	2	500	Additional Room		
13	Living Skills	ANC	320	1	320			
14	Laundry	ANC	100	1	100			
15	Conference	ANC	120	1	120			
						960	1,310	0
						2,270		

Special Education - Adult Transition

19	AT Classroom	SC	960	2	1,920			
20	Toilets/Hygiene	ANC	270	1	270			
21	Focus	ANC	250	1	250			
22	Living Skills	ANC	320	1	320			
23	Conference	ANC	120	1	120			
						1,920	960	0
						2,880		

Special Education - ED

24	ED Classroom	SC	960	1	960			
25	Focus	ANC	100	1	100			
						960	100	0
						1,060		

6,720	2,370	0
Sub-Total Special Education Net SF:		9,090
Circulation/Support @ 25% (x 1.33):		3,000
Total Special Education Gross SF:		12,090

Electives

CTE Programs: Media Production Arts, Res/Com Construction, Business Management, Child Development
Culinary, Army/ROP, Systems Diagnostics + Service/ROP

Katella High School
ANAHEIM UNION HIGH SCHOOL DISTRICT

Educational Program Specification

Depart:	Space:	Type	Area:	Number:	Total Area:	Department by Type		
						SC/NS	ANC	SP
						Scheduled	Ancillary	Support
						Non-Scheduled		

Multi-Media Arts

Visual Arts

						2D Studios			1,800
60	Art 2D Drawing/Paint/Multi-Media Lab	SC	1,600	1	1,600	(1 2D/1 Multi-Media Digital Lab)			
61	Storage/Work Room	ANC	200	1	200				
						3D Studios			2,400
62	Art 3D Sculpture/Ceramics Lab	SC	1,800	1	1,800				
63	Kiln	ANC	100	1	100				
64	Clay/Project Storage Room	ANC	300	1	300				
65	Storage/Work Room	ANC	200	1	200				
						Digital Photography			0
66	Design/Photography Lab	SC	1,200	0	0				
67	Storage/Work Room	ANC	200	0	0				
						3,400	800	0	
						4,200			

3,400	800	0
Sub-Total Multi Media Arts Net SF:		4,200
Circulation/Support @ 25% (x 1.33):		1,386
Total Multi Media Arts Gross SF:		5,586

Hospitality, Tourism and Recreation

Culinary

95	Culinary Lab	SC	2,000	1	2,000			
96	Culinary Lecture	SC	960	1	960			
96	Storage	ANC	200	2	400			
						2,960	400	0
						3,360		

2,960	400	0
Culinary Classrooms:		3,360
Circulation/Support @ 25% (x 1.33):		1,109
Total Culinary Gross SF:		4,469

7.12 MASTER PLAN DIAGRAMS KATELLA HIGH | PROGRAM

Katella High School
ANAHEIM UNION HIGH SCHOOL DISTRICT

Educational Program Specification

Depart:	Space:	Type	Area:	Number:	Total Area:	Department by Type		
						SC/NS	ANC	SP
						Scheduled Non-Scheduled	Ancillary	Support

Physical Education

Gymnasium

Item	Type	Area	Number	Total Area	Department		
95 Auxillary Gymnasium	NS	9,000	0	0			
96 Lobby/Hall of Fame	ANC	1,000	0	0			
97 Concessions	ANC	200	0	0			
98 Ticket Booth	ANC	75	0	0			
99 Gym Storage	ANC	200	0	0			
100 Boys/Girls Locker/Shower Room	ANC	2,400	0	0			
101 Boys/Girls Toilet	ANC	250	0	0			
102 Boys/Girls Equipment Storage	ANC	200	0	0			
103 Boys/Girls PE Staff Office/Locker	ANC	600	0	0	(Includes T/Sh/Changing Area)		
104 Coaches Meeting/Video Room	ANC	400	0	0			
105 Off-Site Coaches Room	ANC	400	0	0			
106 Training/Treatment Room	ANC	900	1	900			
107 Boys/Girls JV Locker Room	ANC	600	0	0			
108 Boys/Girls Varsity Locker Room	ANC	900	0	0			
109 Uniform Storage	ANC	1,000	0	0			
110 Athletic Equipment Storage	ANC	1,000	0	0			
					0	900	0
					900		

Athletic Teaching Stations

Item	Type	Area	Number	Total Area	Department		
111 Weight Room	NS	1,800	2	3,600			
112 Fitness Room	NS	2,400	1	2,400			
113 Health Classroom	NS	960	1	960			
114 Wrestling Room	NS	1,800	0	0	(Space for 40' x 40' Mat)		
115 Wrestling Storage	ANC	200	0	0			
					6,960	0	0
					6,960	900	0
					6,960	900	7,860
							872
							8,732

Sub-Total Physical Education Net SF: 7,860
Circulation/Support @ 10% (x 1.111): 872
Total Physical Education Gross SF: 8,732

Katella High School
ANAHEIM UNION HIGH SCHOOL DISTRICT

Educational Program Specification

Depart:	Space:	Type	Area:	Number:	Total Area:	Department by Type		
						SC/NS	ANC	SP
						Scheduled Non-Scheduled	Ancillary	Support

Base Program - Student/Staff Support Services

Independent Learning Center (ILC)

Item	Type	Area	Number	Total Area	Department		
99 ILC Classroom	NS	960	1	960			
100 Workstations	SP	75	6	450			
101 Collaborative Work Area	SP	960	1	960			
102 Conference	SP	200	1	200			
103 Independent Work Area	SP	330	1	330			
104 Storage	SP	100	1	100			
					0	3,000	
					0	0	3,000
							3,000
							990
							3,990

Sub-Total Student Support Services Net SF: 3,000
Circulation/Support @ 25% (x 1.33): 990
Total Student Support Services Gross SF: 3,990

Nutrition Services

Food Service/Student Dining

Item	Type	Area	Number	Total Area	Department		
133 Kitchen/Food Prep	SP	2,350	0	0			
134 Dry Storage	SP	250	0	0			
135 Walk-In Refrigerator/Freezer	SP	125	0	0			
136 Serving Line	SP	800	0	0			
137 Serving Windows	SP	150	0	0			
138 Changing Room/Toilet	SP	95	0	0			
139 Food Service Director Office w/Safe	SP	150	0	0	(2 Workstations)		
140 Receiving Area	SP	100	0	0			
141 Lunch Shelter	SP	7,500	1	7,500	(1000 Students)		
					0	0	7,500
					0		

Sub-Total Food Service/Custodial Net SF: 7,500
Circulation/Support @ 10% (x 1.111): 833
Total Food Service/Custodial Gross SF: 8,333

Custodial Services

Item	Type	Area	Number	Total Area	Department		
142 Custodian Office	SP	100	0	0			
143 Custodian/Maintenance Workroom	SP	300	0	0			
144 Supply/Grounds Storage	SP	400	0	0			
145 Golf Cart Garage/Storage	SP	500	0	0	(4 Golf Carts)		
					0	0	0
					0		

Square Footage Summary

24,840	6,135	10,500
Sub-Total Base Program Net SF:		41,475
Total Circulation/Support:		10,323
Total Base Program Gross SF:		51,798

MASTER PLAN DIAGRAMS

KATELLA HIGH | PROJECT COST SUMMARY

SCOPE OF WORK CATEGORIES	TOTAL	PROPOSED PHASE 1A	PROPOSED PHASE 1B
1. Modernize & Reconfigure Existing Classroom & Lab Buildings	\$5,682,000	\$0	\$0
2. Existing Building Systems & Toilets	\$7,286,000	\$0	\$0
3. Site Utilities	\$2,300,000	\$0	\$0
4. New Construction Classrooms	\$5,876,000	\$0	\$0
5. Design Lab, Science, and Career Tech Education	\$13,623,000	\$0	\$2,120,000
6. Performing Arts Improvements	\$2,253,000	\$0	\$0
7. Multipurpose / Food Service Improvements	\$3,531,000	\$1,347,290	\$0
8. Physical Education Improvements	\$9,221,000	\$0	\$0
9. Administration & Staff Support	\$29,000	\$0	\$0
10. Student Collaboration & Student Support Services	\$1,011,000	\$0	\$0
11. Safety & Security	\$1,749,000	\$955,710	\$0
12. Outdoor Learning Quads	\$2,514,000	\$1,197,000	\$0
13. Exterior Play Fields & Hardcourts	\$4,080,000	\$0	\$0
14. 21st Century Learning Classroom Flexibility	\$2,450,000	\$1,225,000	\$0
15. Technology Infrastructure	\$1,585,000	\$792,500	\$0
			<i>*Phase 1A scope is included in Phase 1. If additional funding becomes available then Phase 1B scope of work shall be the next priority for implementation</i>
Total Construction / Project Cost (2014\$)	\$63,190,000	\$5,517,500	\$2,120,000