

7.14 MASTER PLAN DIAGRAMS LOARA 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

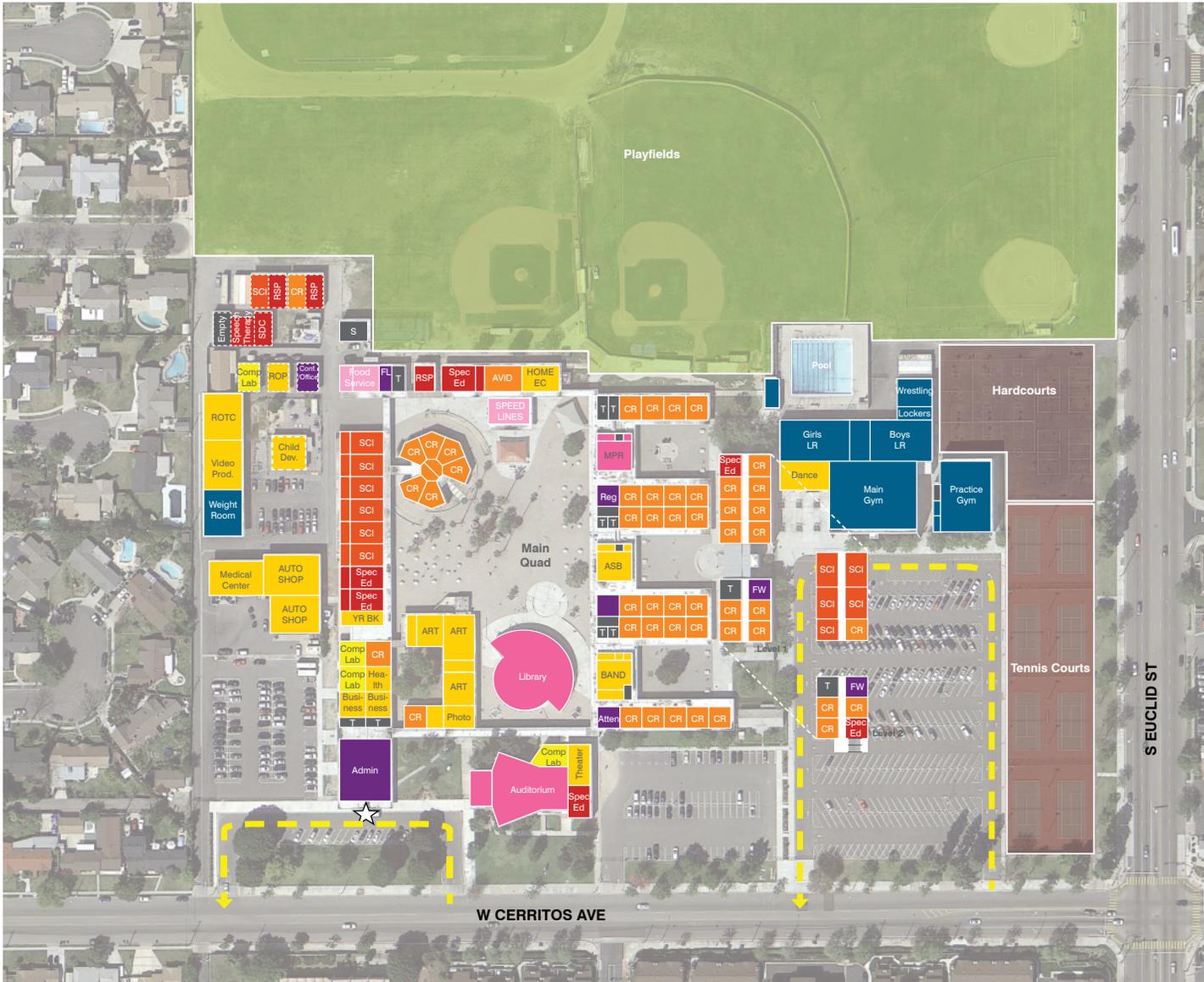
- Hardcourts
- Play Fields
- ☆ Main Entrance
- Drop-off

320 ft
1" = 320'

7.14 MASTER PLAN DIAGRAMS LOARA 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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Current Enrollment :	2,843
Teaching Stations	
Classrooms	45
Science Labs	14
Elective	22
Sub Total:	81
Resource Specialist, RSP	3
Special Education	8
Computer Lab	4
Empty	1
Grand Total:	97

200 ft
1" = 200'

7.14

MASTER PLAN DIAGRAMS

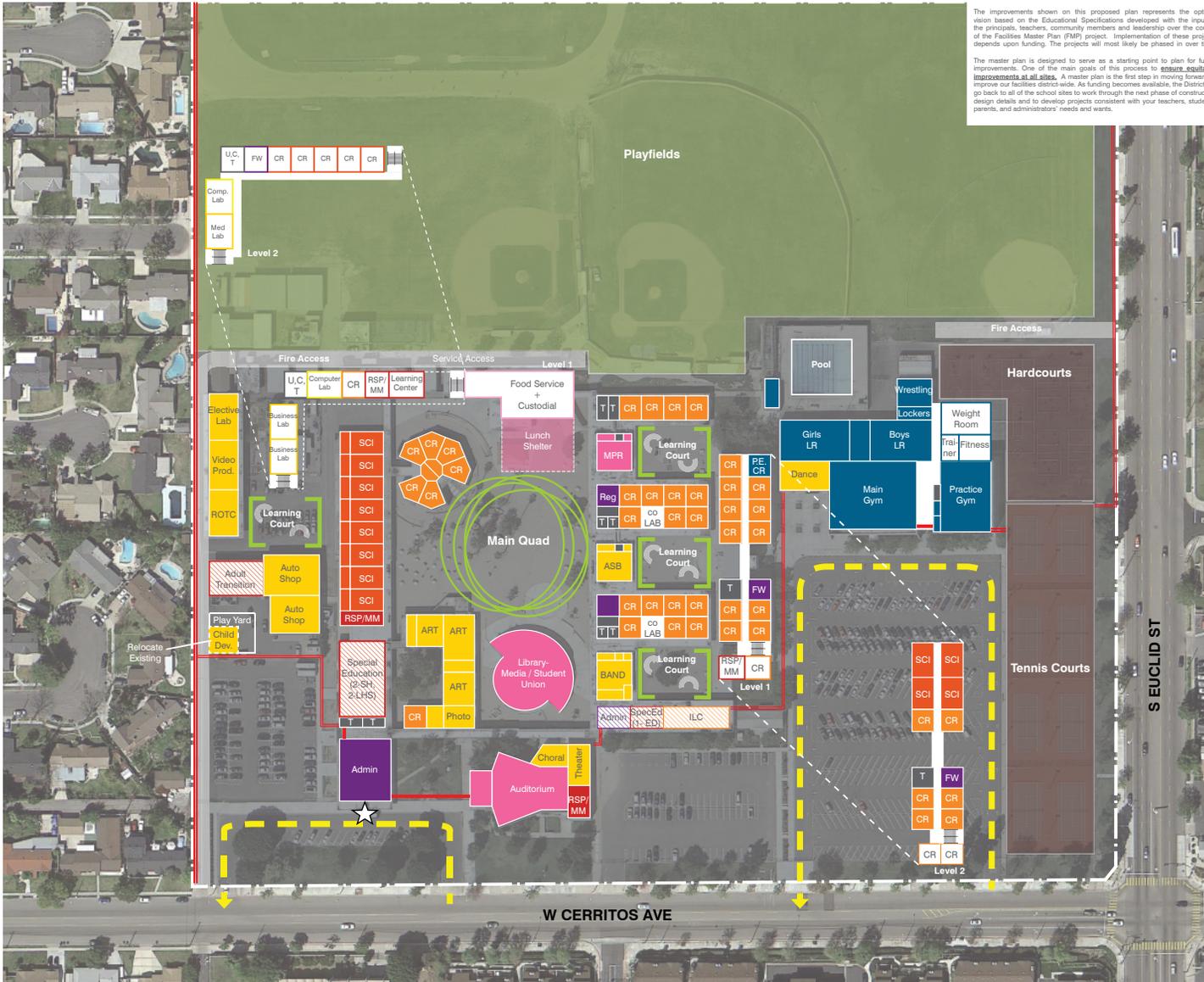
LOARA HIGH | PROPOSED OVERALL + CIRCULATION



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

320 ft
1" = 320'

7.14 MASTER PLAN DIAGRAMS LOARA HIGH | PROPOSED



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 the process 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.

Modernization
New Construction
Reconfigure

- Classrooms, CR
- Science Labs, SCI
- Special Education
- Electives
Lab spaces will be determined by program need. They could include Pale, STEW, or other elective.
Computer Lab
- 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	18
Sub Total:	82
Resource Specialist Program / Mild - Moderate, RSP/ MM	3
Special Education	5
Physical Education, PE.	5
Computer Lab	2
Grand Total:	97

200 ft
1" = 200'

7.14 MASTER PLAN DIAGRAMS LOARA HIGH | PROPOSED-PHASE 1



Modernization
New Construction
Reconfigure

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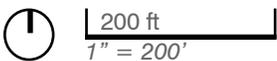
PROPOSED SCOPE OF WORK

Phase 1A

1. Flexible furniture, equipment and technology infrastructure at some Classrooms (*Scope of work and areas of work to be determined)
2. Safety & security including fencing and cameras and locks

Phase 1B (included if additional funding becomes available)

1. New classroom addition



7.14 MASTER PLAN DIAGRAMS LOARA HIGH | PROGRAM

Loara High School
ANAHEIM UNION HIGH SCHOOL DISTRICT

Loara 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	7	0	189	224	17,197
Science	27/32	0	0	0	0	0
Performing Arts	27/32	0	0	0	0	0
Multi-Media Arts	27/32	0	0	0	0	0
Business/Design/Engineering	27/32	0	3	81	96	5,586
Transportation/Alternative Energy	27/32	0	0	0	0	0
Industrial Technology	27/32	0	0	0	0	0
Health Science & Medical Technology	27/32	0	1	27	32	1,862
Information & Comm. Technologies	27/32	0	1	27	32	1,862
Specialized Electives	27/32	0	2	54	64	3,724
Physical Education	27/0	0	0	0	0	8,732
ASB + Career Center	27/0			0	0	(In SF Below)
Total - Academic Core		7	7	378	448	38,963
RSP/MM	13/28	0	-	0	0	(In SF Below)
Special Ed *Renovation	13/15	7	-	91	105	13,167

Total: All Spaces 14 7 469 553 **52,130**

Student/Staff Support	
Student Support Services:	1,769
Library/Media Center:	0
Student Union/Campus Center:	0
Faculty Services:	0
Food Service/Custodial Support:	15,271
Total Student/Staff Support:	17,040

Grand Total - Gross SF: 69,170

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	SC	960	7	6,720		
2	Standard Classroom	SC	960	4	3,840		
3	Shared Commons	ANC	240	6	1,440		
						10,560	1,440
						12,000	0

PLC - Collaborative Teaming Area

3	Staff Collaboration	ANC	300	2	600		
4	Staff Toilets	ANC	65	2	130		
5	Storage	ANC	100	2	200		
						0	930
						930	0

Sub-Total Academic Core Net SF: 10,560 2,370 0
Circulation/Support @ 25% (x 1.33): 4,267
Total Academic Core Gross SF: 17,197

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

Special Education

Special Education - LHS, SH, Autism

9	RSP, MM, DHH, VI, OH, O+M	SC	0	0	0	Mainstream/Learning Center	
10	LHS, SH, Autism Classroom	SC	960	4	3,840		
11	Toilets/Hygiene	ANC	270	2	540		
12	Sensory	ANC	250	2	500		
13	Living Skills	ANC	320	2	640		
14	Laundry	ANC	100	2	200		
15	Conference	ANC	120	2	240		
						3,840	2,120
						5,960	0

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
						2,880	0

Special Education - ED

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

Sub-Total Special Education Net SF: 6,720 3,180 0
Circulation/Support @ 25% (x 1.33): 9,900
Total Special Education Gross SF: 13,167

7.14 MASTER PLAN DIAGRAMS LOARA HIGH | PROGRAM

Loara 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

Electives

CTE Programs: Media Production Arts, Business + Finance, Medical, Software + Systems Development
Army/ROP, Transportation

Business/Design/Engineering

Flex Program Labs

Room	Type	Area	Number	Total Area	Department
83 Design Lab	SC	1,200	3	3,600	(Business or Design/Engineering)
84 Storage/Work Room	ANC	200	3	600	
					3,600 600 0
					4,200

3,600	600	0
Sub-Total Business/Design/Engineering Net SF:		
		4,200
Circulation/Support @ 25% (x 1.33):		
		1,386
Total Business/Design/Engineering Gross SF:		
		5,586

Health Science & Medical Technology

Patient Care or Special Area

Room	Type	Area	Number	Total Area	Department
1 Medical Lab	SC	1,200	1	1,200	
2 Storage	ANC	200	1	200	
					1,200 200 0
					1,400

1,200	200	0
Health Science & Medical Technology Classrooms:		
		1,400
Circulation/Support @ 25% (x 1.33):		
		462
Total Health Science & Medical Technology Gross SF:		
		1,862

Information & Communications Technologies

Information Support + Services, Software + Systems Development

Room	Type	Area	Number	Total Area	Department
1 Lab - Software Development	SC	1,200	1	1,200	
2 Storage	ANC	200	1	200	
					1,200 200 0
					1,400

1,200	200	0
Information & Communications Classrooms:		
		1,400
Circulation/Support @ 25% (x 1.33):		
		462
Total Information & Communications Classrooms Gross SF:		
		1,862

Specialized Programs

ROTC

Room	Type	Area	Number	Total Area	Department
95 Classroom	SC	1,200	2	2,400	
96 Storage	ANC	200	2	400	
					2,400 400 0
					2,800

2,400	400	0
Specialized Programs Classrooms:		
		2,800
Circulation/Support @ 25% (x 1.33):		
		924
Total Specialized Programs Gross SF:		
		3,724

Loara 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

Room	Type	Area	Number	Total Area	Department
95 Auxiliary 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

Room	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

6,960	900	0
Sub-Total Physical Education Net SF:		
		7,860
Circulation/Support @ 10% (x 1.111):		
		872
Total Physical Education Gross SF:		
		8,732

7.14 MASTER PLAN DIAGRAMS LOARA HIGH | PROGRAM

Loara 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

Student/Staff Support Services

Administration/Staff Support Services

Learning Center

Room	Type	Area	Number	Total Area	SC/NS	ANC	SP	
93 RSP Workstations	SP	80	6	480				
94 Break Out Area	SP	200	1	200				
95 IEP	SP	150	1	150				
96 Records Storage	SP	100	1	100				
97 Speech Office	SP	200	1	200				
98 Psychologist Office	SP	200	1	200				
							1,330	
							0	

Independent Learning Center (ILC)

Room	Type	Area	Number	Total Area	SC/NS	ANC	SP	
99 ILC Classroom	NS	960	0	0				
100 Workstations	SP	75	0	0				
101 Collaborative Work Area	SP	960	0	0				
102 Conference	SP	200	0	0				
103 Independent Work Area	SP	330	0	0				
104 Storage	SP	100	0	0				
							0	

Counseling Services

Room	Type	Area	Number	Total Area	SC/NS	ANC	SP	
93 Student Reception/Waiting Area	SP	300	0	0				
94 Clerical Support	SP	75	0	0				
95 Counselor's Office	SP	150	0	0				
96 Registrar Office	SP	125	0	0				
97 Flex Office	SP	125	0	0				
98 Testing Materials	SP	200	0	0				
99 College/Career Center	NS	1,000	0	0				
100 Small Conference	SP	150	0	0				
101 Large Conference	SP	250	0	0				
102 Longterm Records Storage	SP	200	0	0				
							0	0
							0	

Sub-Total Student Support Services Net SF:	0	0	1,330
Circulation/Support @ 25% (x 1.33):			439
Total Student Support Services Gross SF:			1,769
Total Library/Media Center Gross SF:			0

Loara 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

Nutrition Services

Food Service/Student Dining

Room	Type	Area	Number	Total Area	SC/NS	ANC	SP	
133 Kitchen/Food Prep	SP	2,350	1	2,350				
134 Dry Storage	SP	250	1	250				
135 Walk-in Refrigerator/Freezer	SP	125	2	250				
136 Serving Line	SP	800	2	1,600				
137 Serving Windows	SP	150	1	150				
138 Changing Room/Toilet	SP	95	1	95				
139 Food Service Director Office w/Safe	SP	150	1	150			(2 Workstations)	
140 Receiving Area	SP	100	1	100				
141 Lunch Shelter	SP	7,500	1	7,500			(1000 Students)	
							0	0
							0	12,445

Custodial Services

Room	Type	Area	Number	Total Area	SC/NS	ANC	SP	
142 Custodian Office	SP	100	1	100				
143 Custodian/Maintenance Workroom	SP	300	1	300				
144 Supply/Grounds Storage	SP	400	1	400				
145 Golf Cart Garage/Storage	SP	500	1	500			(4 Golf Carts)	
							0	0
							0	1,300

Sub-Total Food Service/Custodial Net SF:	0	0	13,745
Circulation/Support @ 10% (x 1.111):			1,526
Total Food Service/Custodial Gross SF:			15,271

Square Footage Summary

Sub-Total Base Program Net SF:	32,640	7,850	15,075
Total Circulation/Support:			13,605
Total Base Program Gross SF:			69,170

MASTER PLAN DIAGRAMS

LOARA HIGH | PROJECT COST SUMMARY

SCOPE OF WORK CATEGORIES	TOTAL	PROPOSED PHASE 1A	PROPOSED PHASE 1B
1. Modernize & Reconfigure Existing Classroom & Lab Buildings	\$6,736,000	\$0	\$0
2. Existing Building Systems & Toilets	\$3,031,000	\$0	\$0
3. Site Utilities	\$1,572,000	\$0	\$0
4. New Construction Classrooms	\$9,769,000	\$0	\$2,300,000
5. Design Lab, Science, and Career Tech Education	\$9,733,000	\$0	\$0
6. Performing Arts Improvements	\$2,841,000	\$0	\$0
7. Multipurpose / Food Service Improvements	\$6,290,000	\$0	\$0
8. Physical Education Improvements	\$7,326,000	\$0	\$0
9. Administration & Staff Support	\$1,526,000	\$0	\$0
10. Student Collaboration & Student Support Services	\$1,302,000	\$0	\$0
11. Safety & Security	\$1,237,000	\$500,000	\$0
12. Outdoor Learning Quads	\$1,021,000	\$0	\$0
13. Exterior Play Fields & Hardcourts	\$4,203,000	\$0	\$0
14. 21st Century Learning Classroom Flexibility	\$2,275,000	\$1,137,500	\$0
15. Technology Infrastructure	\$1,511,000	\$755,500	\$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\$)	\$60,373,000	\$2,393,000	\$2,300,000