

7.16 MASTER PLAN DIAGRAMS SAVANNA 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'

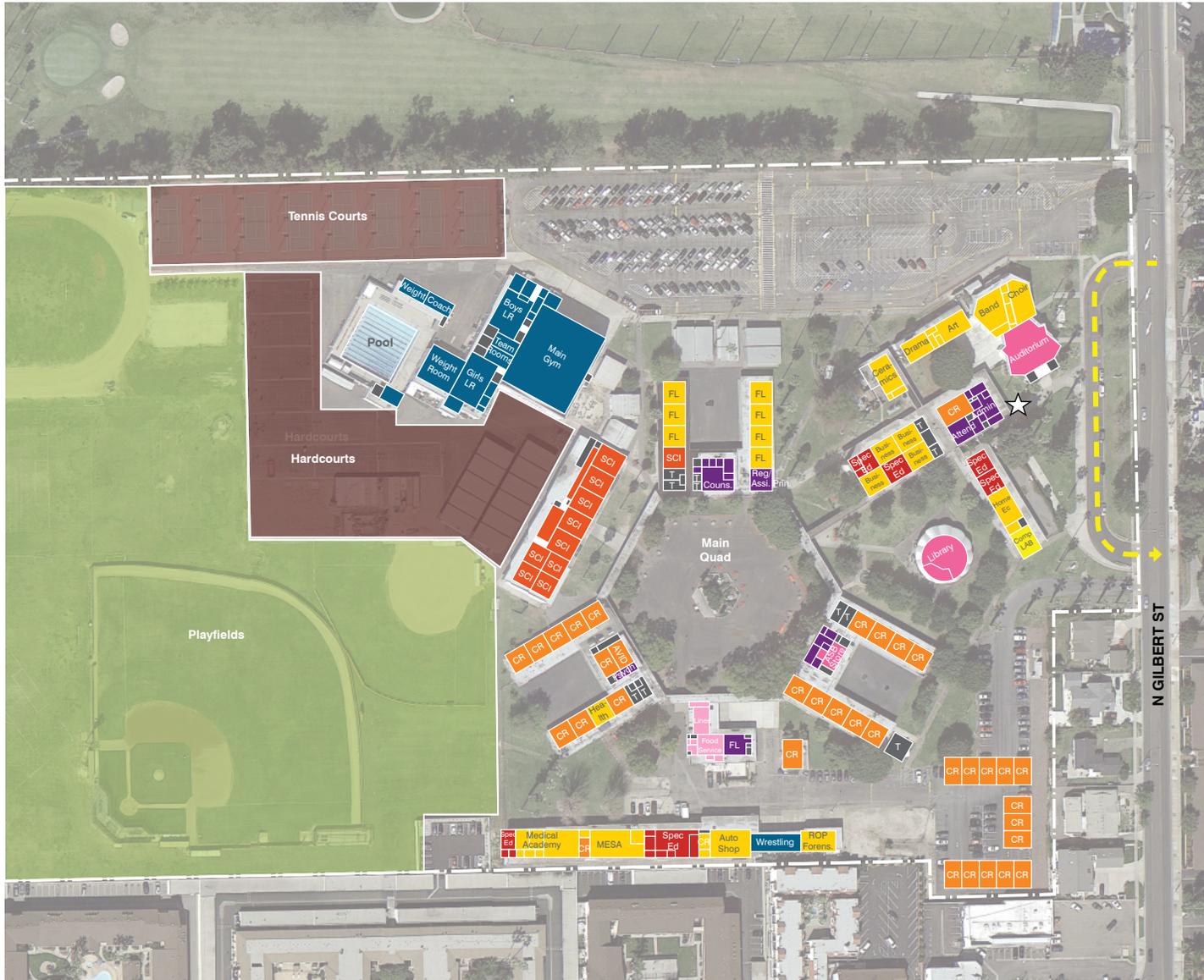
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MASTER PLAN DIAGRAMS

SAVANNA 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 schools site committee questionnaire responses and initial planning opportunities were identified.

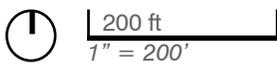
Facilities Master Planning is, by its nature, a broad endeavor. The Facilities Master Plan (FMP) developed is a "living" document and also a strategic planning tool that will identify short-term and long-term facility goals for the District.



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

Current Enrollment :	2,204
Teaching Stations	
Classrooms	34
Science Labs	5
Elective	22
Sub Total:	61
Resource Specialist, RSP	0
Special Education	6
Computer Lab	1
Grand Total:	68



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MASTER PLAN DIAGRAMS SAVANNA HIGH | PROPOSED OVERALL + CIRCULATION

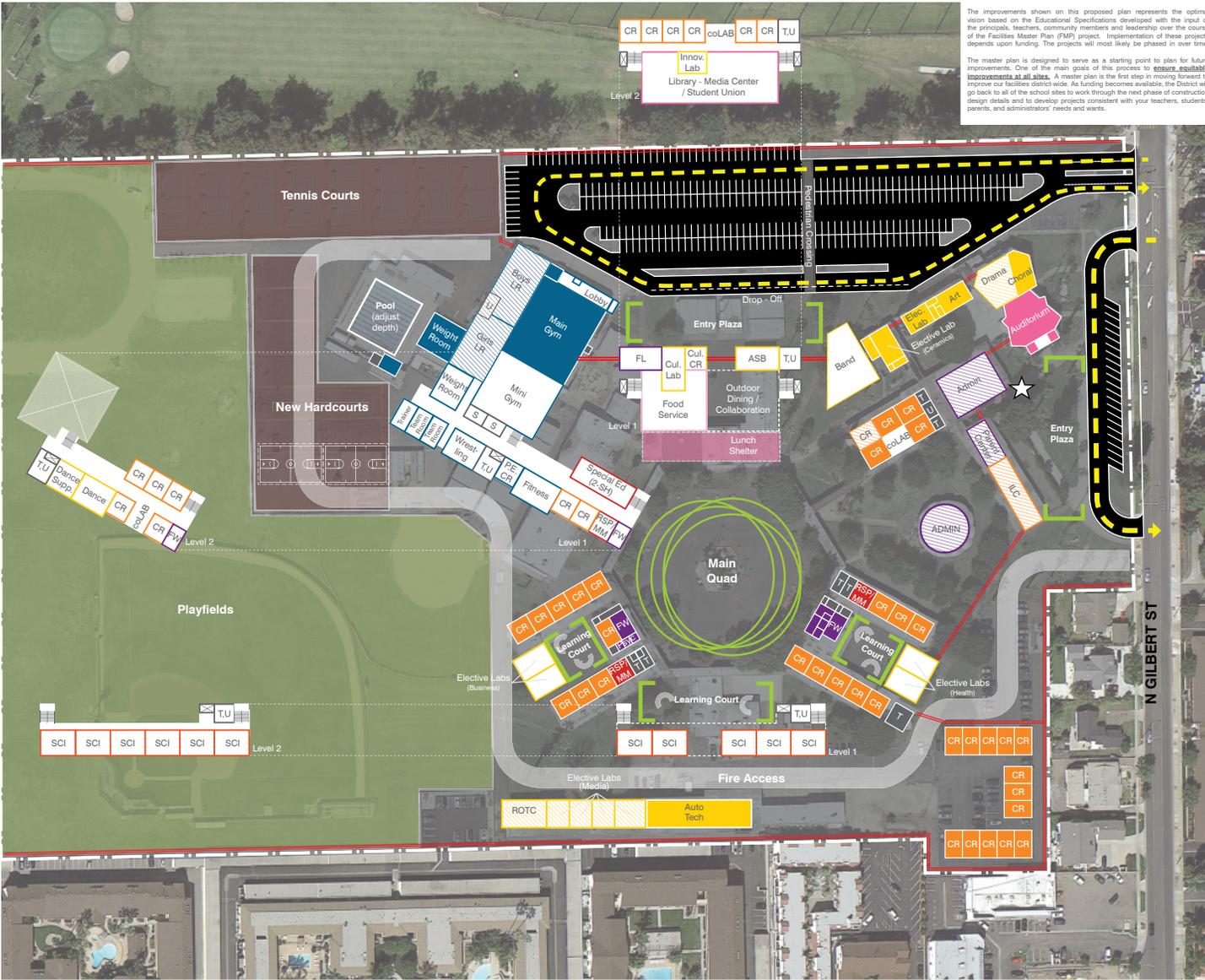


- Main Entry Point / Circulation
- Drop-Off
- Fire Lane
- Fencing / Landscape Buffer
- Existing Building
- New Construction
- Learning Courts
- Main Quad
- Hardcourts
- Play Fields
- Main Entrance

320 ft
1" = 320'

7.16

MASTER PLAN DIAGRAMS SAVANNA 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

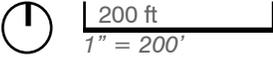
New Construction

Reconfigure

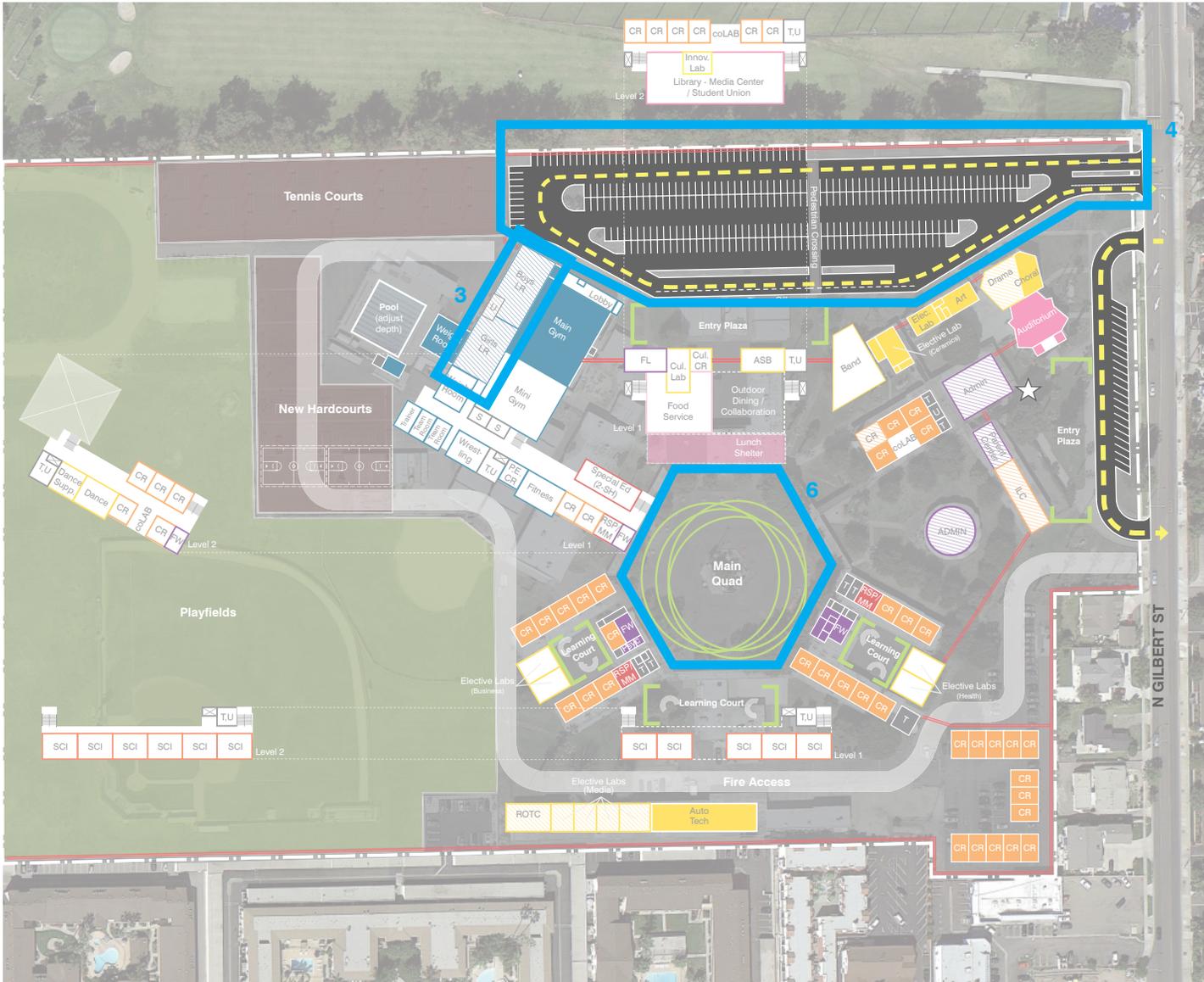
- Classrooms, CR
- Science Labs, SCI
- Special Education
- Electives
Lab spaces will be determined by program need. They could include PE, STEW, or other elective.
Computer Lab
- Admin / Faculty
FW - Faculty Work, FL - Faculty Lounge
- Library / MPR
- Food Service
- Physical Ed / Athletics
PE - Physical 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:		2,350
Teaching Stations		
Classrooms		48
Science Labs		11
Elective		18
Sub Total:		77
Resource Specialist Program / Mild - Moderate, RSP/MM		3
Special Education		2
Physical Education, PE.		5
Grand Total:		87



MASTER PLAN DIAGRAMS SAVANNA HIGH | PROPOSED-PHASE 1



Modernization
New Construction
Reconfigure

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

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

- PROPOSED SCOPE OF WORK**
1. Modernization of building systems and restrooms (*Scope of work and areas of work to be determined)
 2. Upgrades to site utilities*
 3. Reconfigure / Modernization of Locker Rooms
 4. Parking lot reconfiguration & improvements and fencing
 5. Safety & security improvements including fencing, cameras and locks
 6. Main Quad improvements
 7. Flexible furniture, equipment and technology infrastructure*

200 ft
1" = 200'

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MASTER PLAN DIAGRAMS SAVANNA HIGH | PROGRAM

Savanna High School
ANAHEIM UNION HIGH SCHOOL DISTRICT

2250 Student Program

New Construction Statistical Summary

2250 Student Master Plan Capacity (District Loading @ 27 Students/Teaching Station = 84 TS)

563 Students/Grade (Grades 9-12)

112.5 Students/Period = (3.5) 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	11	0	297	352	16,878
Science	27/32	0	11	297	352	24,871
Performing Arts	27/32	0	2	54	64	9,888
Multi-Media Arts	27/32	0	0	0	0	0
Business/Design/Engineering	27/32	0	2	54	64	3,724
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
Health, Science and medical Technology	27/32	0	2	54	0	3,724
Public Safety	27/32	0	0	0	0	0
Physical Education	27/0	0	0	0	0	25,925
ASB + Career Center	27/0			0	0	(In SF Below)
Total - Academic Core		12	18	783	864	89,478

RSP/MM	13/28	3	-	39	84	(In SF Below)
Special Ed (Edit per School)	13/15	2	-	26	30	7,794

Total: All Spaces 17 18 848 978 **97,272**

Student/Staff Support	
Student Support Services:	0
Library/Media Center:	10,110
Student Union/Campus Center:	9,677
Faculty Services:	2,294
Food Service/Custodial Support:	15,271
Total Student/Staff Support:	37,352

Grand Total - Gross SF: 134,624

Savanna 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		

Base Program - Academic Core

Academic Core

Teaching Stations

1 Standard Classroom	SC	960	11	10,560			
2 Shared Commons	ANC	240	5	1,200			
					10,560	1,200	0
					11,760		

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	0
					930		

Sub-Total Academic Core Net SF:	10,560	2,130	0
Circulation/Support @ 25% (x 1.33):			12,690
Total Academic Core Gross SF:			16,878

Note: 8 Standard Teaching Stations/Cluster = 49 Standard Teaching Stations
14 English + 11 History + 7 Foreign Language + 14 Math + 3 RSP = 49 Standard Teaching Stations

Science

Teaching Stations

6 Science Lab	SC	1,500	11	16,500			
7 Prep/Storage Room	ANC	200	11	2,200			
					16,500	2,200	0
					18,700		

Sub-Total Science Net SF:	16,500	2,200	0
Circulation/Support @ 25% (x 1.33):			18,700
Total Science Gross SF:			24,871

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MASTER PLAN DIAGRAMS

SAVANNA HIGH | PROGRAM

Savanna 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

RSP/MM

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

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	2	1,920			
11	Toilets/Hygiene	ANC	270	1	270			
12	Sensory	ANC	250	1	250			
13	Living Skills	ANC	320	1	320			
14	Laundry	ANC	100	1	100			
15	Conference	ANC	120	1	120			
						1,920	1,060	0
						2,980		

4,800	1,060	0
Sub-Total Special Education Net SF:		
		5,860
Circulation/Support @ 25% (x 1.33):		
		1,934
Total Special Education Gross SF:		
		7,794

Electives

CTE Programs: Media Production Arts, Financial Services, Nursing, Culinary, Public Safety/ROP, Transportation/ROP

Performing Arts

Music/Drama/Dance

Music						4,510		
26	Band/Orchestra Room	SC	2,800	1	2,800			
27	Group Ensemble Room	NS	960	1	960			
28	Practice Room	ANC	75	2	150			
29	Instrument Storage	ANC	400	1	400			
30	Uniform Storage	ANC	200	1	200			
31	Vocal/Choral Room	SC	1,400	0	0			
32	Practice Room	ANC	75	0	0			
33	Robe Storage	ANC	200	0	0			
34	Digital Music Lab	SC	1,200	0	0			
35	Staff Office/Music Library	ANC	400	0	0	(3-4 Instructors & Sheet Music Stor.)		
Drama						0		
36	Black Box Theatre	SC	2,000	0	0	(45x45)		
37	Control Room	ANC	150	0	0			
38	Equipment Storage	ANC	200	0	0			
39	Staff Office/Drama Library	ANC	200	0	0	(1-2 Instructors)		
Dance						3,400		
40	Dance Studio	SC	1,800	1	1,800			
41	Locker/Toilet/Dressing Room	ANC	500	2	1,000			
42	Costume Storage	ANC	400	1	400			
43	Staff Office/Music Library	ANC	200	1	200	(1-2 Instructors)		
						5,560	2,350	0
						7,910		

Savanna 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		

5,560	2,350	0
Sub-Total Performing Arts Net SF:		
		7,910
Circulation/Support @ 20% (x 1.25):		
		1,978
Total Performing Arts Gross SF:		
		9,888

Business and Finance

Financial Services

83	Design Lab	SC	1,200	2	2,400			
84	Storage/Work Room	ANC	200	2	400			
						2,400	400	0
						2,800		
						2,400	400	0
Sub-Total Business and Finance Net SF:								2,800
Circulation/Support @ 25% (x 1.33):								924
Total Business and Finance Gross SF:								3,724

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

Health Science & Medical Technology

Medical

97	Medical Lab	SC	1,200	2	2,400			
98	Storage	ANC	200	2	400			
						2,400	400	0
						2,800		
						2,400	400	0
Health Science & Medical Technology:								2,800
Circulation/Support @ 25% (x 1.33):								924
Total Health Science & Medical Technology Gross SF:								3,724

Public Services

Public Safety - Mod

95	Lab	SC	1,200	0	0			
96	Storage	ANC	200	0	0			
						0	0	0
						0		
						0	0	0
Public Services Classrooms:								0
Circulation/Support @ 25% (x 1.33):								0
Total Public Services Gross SF:								0

MASTER PLAN DIAGRAMS SAVANNA HIGH | PROGRAM

Savanna 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		

Physical Education

Gymnasium

Item	Type	Area	Number	Total Area	SC/NS	ANC	SP
95 Auxiliary Gym	NS	9,000	1	9,000			
96 Lobby/Hall of Fame	ANC	1,000	1	1,000			
97 Concessions	ANC	200	1	200			
98 Ticket Booth	ANC	75	1	75			
99 Gym Storage	ANC	200	2	400			
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	2	1,800			
109 Uniform Storage	ANC	1,000	0	0			
110 Athletic Equipment Storage	ANC	1,000	1	1,000			
					9,000	5,375	0
					14,375		

Athletic Teaching Stations

Item	Type	Area	Number	Total Area	SC/NS	ANC	SP
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	1	1,800			(Space for 40' x 40' Mat)
115 Wrestling Storage	ANC	200	1	200			
					8,760	200	0
					8,960		

Sub-Total Physical Education Net SF:	17,760	5,575	0	23,335
Circulation/Support @ 10% (x 1.111):				2,590
Total Physical Education Gross SF:				25,925

Savanna 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		

Student/Staff Support Services

Library/Media Center

Library Program

Item	Type	Area	Number	Total Area	SC/NS	ANC	SP	
Library (CDE Minimum 4sf/Student x 2500 Students = 10,000sf)								8,350
103 Circulation Desk	SP	150	1	150				
104 Media Center Office	SP	125	1	125				
105 Work/Processing Room	SP	300	1	300				
106 Text/Tech Storage	SP	1,200	1	1,200			High Density Storage	
107 Reference/On-Line Catalog Stations	SP	600	1	600				
108 Reading Room	SP	1,800	1	1,800				
109 Stacks/Collection	SP	1,800	1	1,800				
110 Reference/Periodical Stacks	SP	400	1	400				
111 Student Work Areas	SP	150	2	300				
112 Professional Development Library	SP	400	1	400				
113 Staff Toilet	SP	75	1	75				
114 Innovation Lab	NS	1,200	1	1,200				
Technology Support								750
115 Technology Director's Office	SP	150	1	150				
116 Technology Work Room	SP	200	1	200				
117 Equipment Storage Room	SP	200	1	200				
118 Main Data Network Control Room	SP	200	1	200				
					1,200	0	7,900	
					1,200			
					1,200	0	7,900	
Sub-Total Library/Media Center Net SF:							9,100	
Circulation/Support @ 10% (x 1.111):							1,010	
Total Library/Media Center Gross SF:							10,110	

Student Union/Campus Center

Student Activities

Item	Type	Area	Number	Total Area	SC/NS	ANC	SP	
Student Union - New								8,710
119 Collaboration/Dining	SP	6,000	1	6,000				
120 Study Rooms	SP	250	2	500				
121 Table/Chair Storage	SP	150	1	150				
ASB - Mod								2,060
119 ASB Director's Office	SP	150	1	150				
120 Athletic Director's Office	SP	150	1	150				
121 Student Store	SP	400	1	400				
122 Accountant	SP	125	1	125				
123 Accounting Clerk	SP	75	1	75				
124 Activities Storage Room w/ Safe	SP	100	1	100				
125 ASB Room	SC	960	1	960				
126 ASB Storage Room	SP	100	1	100				
					960	0	7,750	
					960			
					960	0	7,750	
Sub-Total Student Union Net SF:							8,710	
Circulation/Support @ 10% (x 1.111):							967	
Total Student Union Gross SF:							9,677	

MASTER PLAN DIAGRAMS SAVANNA HIGH | PROGRAM

**Savanna High School
ANAHEIM UNION HIGH SCHOOL DISTRICT**

Educational Program Specification

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

Faculty Services

Faculty Services - Mod

Room	Type	Area	Number	Total Area	SC/NS	ANC	SP
127 Staff Work Room	SP	1,500	0	0			
128 Staff Lounge	SP	1,500	1	1,500			
129 Copy Center	SP	600	0	0			
130 Supply Storage	SP	200	0	0			
131 Table/Chair Storage	SP	200	0	0			
132 Staff Toilet	SP	225	1	225			
					0	0	1,725
					0		

Sub-Total Faculty Services Net SF:		1,725
Circulation/Support @ 25% (x 1.33):		569
Total Student Union Gross SF:		2,294

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	12,445
					0		

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

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	1,300
					0		

Square Footage Summary

Sub-Total Base Program Net SF:		110,735
Total Circulation/Support:		23,889
Total Base Program Gross SF:		134,624

MASTER PLAN DIAGRAMS

SAVANNA HIGH | PROJECT COST SUMMARY

SCOPE OF WORK CATEGORIES	TOTAL	PROPOSED PHASE 1
1. Modernize & Reconfigure Existing Classroom & Lab Buildings	\$4,490,000	\$0
2. Existing Building Systems & Toilets	\$7,256,000	\$3,750,000
3. Site Utilities	\$3,810,000	\$3,000,000
4. New Construction Classrooms	\$12,737,000	\$0
5. Design Lab, Science, and Career Tech Education	\$21,944,000	\$0
6. Performing Arts Improvements	\$6,452,000	\$0
7. Multipurpose / Food Service Improvements	\$4,952,000	\$0
8. Physical Education Improvements	\$14,532,000	\$2,700,000
9. Administration & Staff Support	\$6,054,000	\$0
10. Student Collaboration & Student Support Services	\$5,630,000	\$0
11. Safety & Security	\$5,925,000	\$3,750,000
12. Outdoor Learning Quads	\$2,139,000	\$1,650,000
13. Exterior Play Fields & Hardcourts	\$8,138,000	\$0
14. 21st Century Learning Classroom Flexibility	\$2,075,000	\$1,037,500
15. Technology Infrastructure	\$1,101,000	\$550,500
Total Construction / Project Cost (2014\$)	\$107,235,000	\$16,438,000