

7.17 MASTER PLAN DIAGRAMS WESTERN 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'

7.17

MASTER PLAN DIAGRAMS

WESTERN 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.

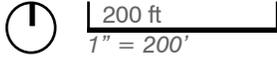
Facilities Master Planning is, by its nature, a broad endeavor. The Facilities Master Plan (FMP) developed is a "living" document and also a strategic planning tool that will identify short-term and long-term facility goals for the District.



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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



7.17

MASTER PLAN DIAGRAMS

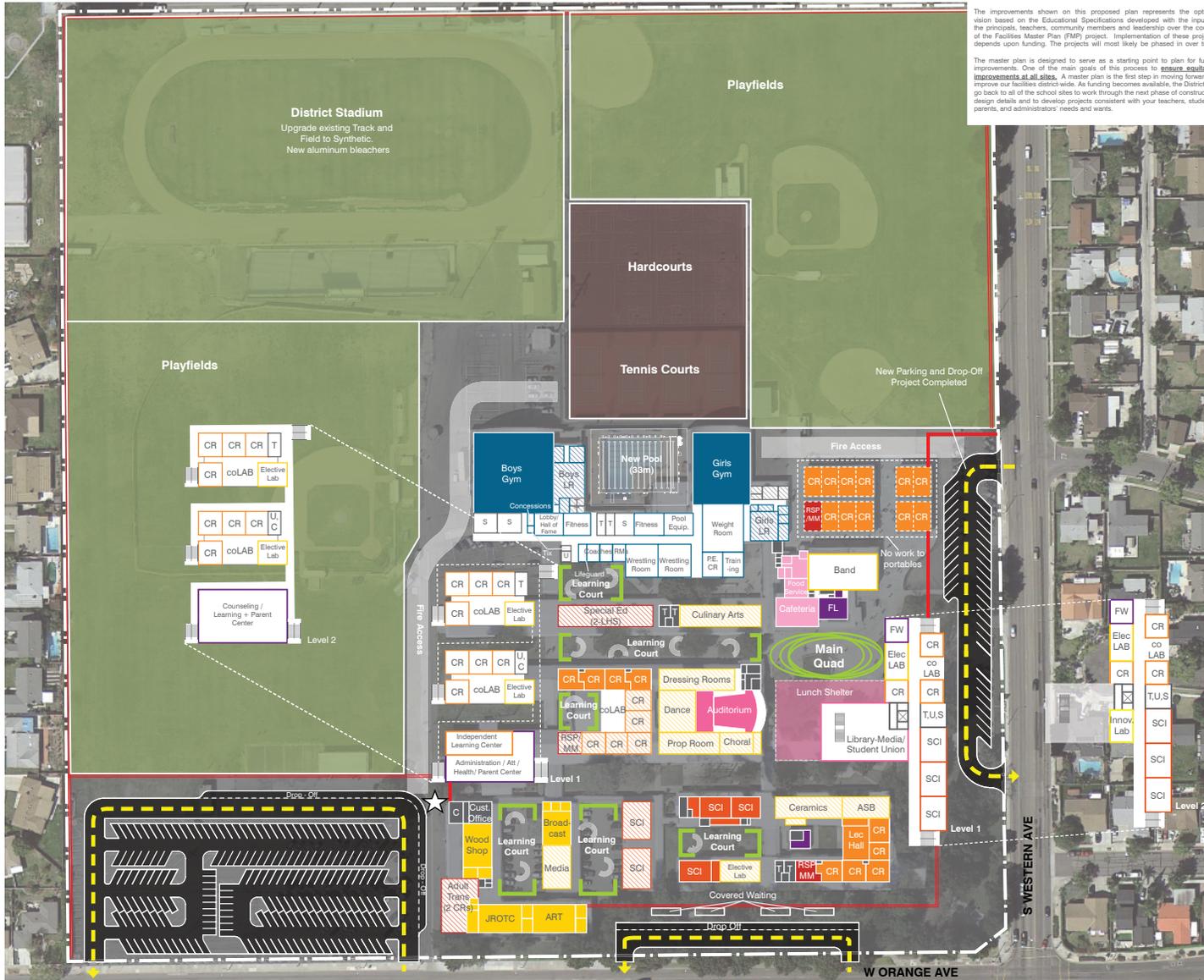
WESTERN HIGH | PROPOSED OVERALL + CIRCULATION



- 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'

MASTER PLAN DIAGRAMS WESTERN 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.

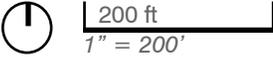
The master plan is designed to serve as a starting point to plan for future improvements. One of the main goals of this process is to ensure equitable improvements at all sites. A master plan is the first step in moving forward to improve our facilities district-wide. As funding becomes available, the 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.

Modernization
New Construction
Reconfigure

- Classrooms, CR
- Science Labs, SCI
- Special Education
- Electives
Lab spaces will be determined by program need. They could include PE, STEM, 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

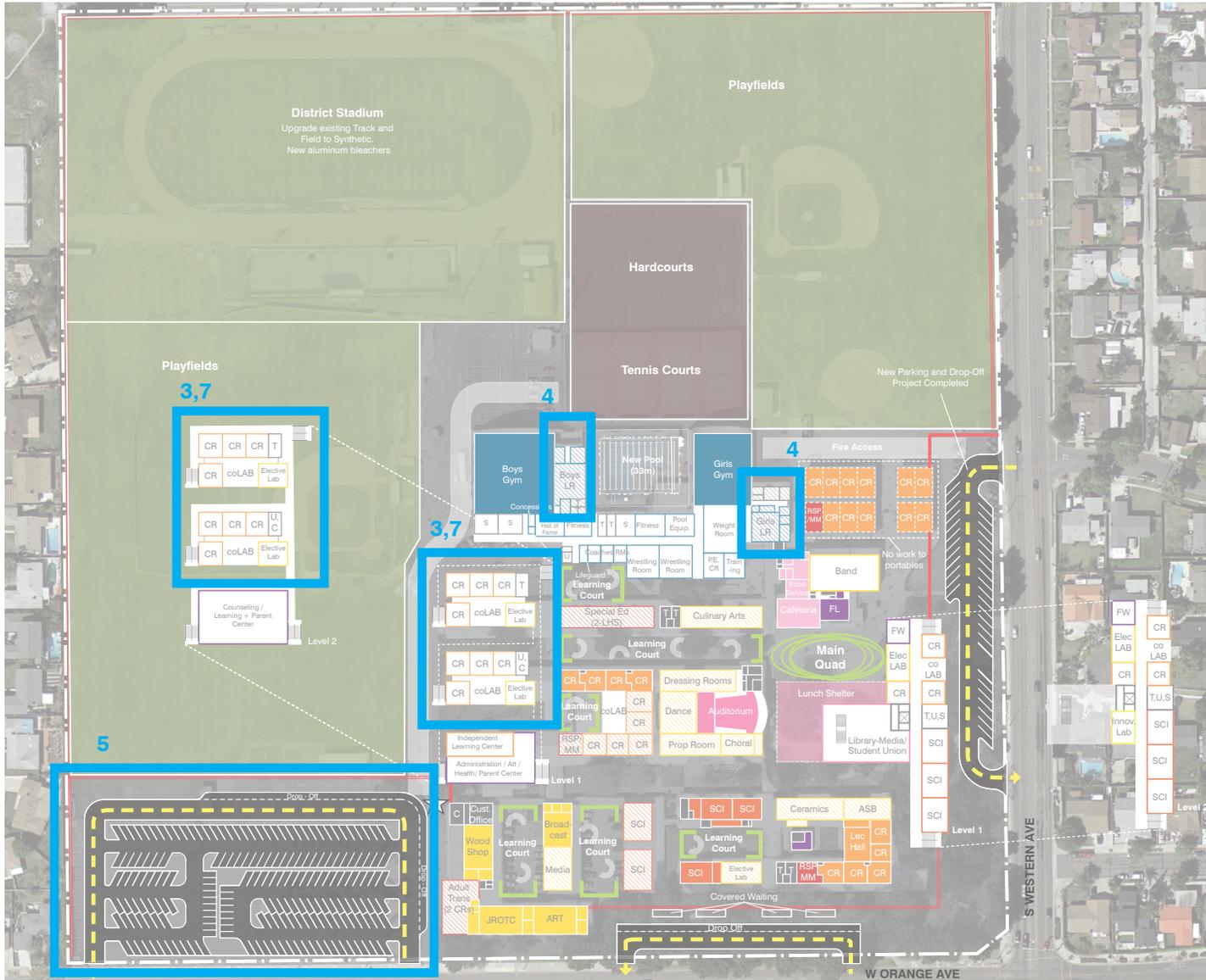
- Learning Courts
- Main Quad (Site Improvements)
- Hardcourts
- Play Fields
- Main Entrance
- Fire Lane
- Fencing / Landscape Buffer
- Drop - Off

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

WESTERN 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 PALE, STEAM, 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**

- 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. New 2-story Classroom, Elective Lab building,
 4. Reconfigure / Modernization of Locker Rooms
 5. Reconfigure parking lot and some new fencing
 6. Safety & security improvements including fencing, cameras and locks
 7. Flexible furniture, equipment and technology infrastructure*

200 ft
1" = 200'

7.17 MASTER PLAN DIAGRAMS WESTERN HIGH | PROGRAM

Western 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	8	0	216	256	19,551
Science	27/32	0	6	162	192	13,566
Performing Arts	27/32	0	0	0	0	0
Multi-Media Arts	27/32	0	2	54	64	3,724
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
Specialized Electives	27/32	0	2	54	0	3,724
Physical Education	27/0	0	0	0	0	28,758
ASB + Career Center	27/0			0	0	(In SF Below)
Total - Academic Core		8	12	540	576	73,047
RSP	13/28	0	-	0	0	(In SF Below)
Special Ed	13/15	0	-	0	0	0

Total: All Spaces 8 12 540 576 **73,047**

Student/Staff Support

Student Support Services:	18,194
Library/Media Center:	10,110
Student Union/Campus Center:	722
Faculty Services:	0
Food Service/Custodial Support:	8,333
Total Student/Staff Support:	37,359

Grand Total - Gross SF: 110,406

Western 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 (3RSP)	SC	960	8	7,680			
1 Standard Classroom	SC	960	16	15,360			
1 Shared Commons	ANC	960	8	7,680			
2 Shared Commons	ANC	240	16	3,840			
					7,680	3,840	0
						11,520	

PLC - Collaborative Teaming Area

3 Staff Collaboration	ANC	300	6	1,800			
4 Staff Toilets	ANC	65	12	780			
5 Storage	ANC	100	6	600			
					0	3,180	0
						3,180	

Sub-Total Academic Core Net SF:	7,680	7,020	0
Circulation/Support @ 25% (x 1.33):			14,700
Total Academic Core Gross SF:			19,551

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	6	9,000			
7 Prep/Storage Room	ANC	200	6	1,200			(1 Shared Prep per 2 Science Labs)
					9,000	1,200	0
						10,200	

Sub-Total Science Net SF:	9,000	1,200	0
Circulation/Support @ 25% (x 1.33):			10,200
Total Science Gross SF:			13,566

7.17 MASTER PLAN DIAGRAMS WESTERN HIGH | PROGRAM

Western 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, Design, Visual + Media Arts, Performing Arts, Res/Comm Construction
Child Development + Education, medical, PLTW, Culinary, Army/ROP

Multi-Media Arts

Technical Arts

Room	Type	Area	Number	Total Area	Notes
TV/Video Production				0	
68 TV/Broadcast Studio	SC	1,600	0	0	(w/ CR Bleacher Seating)
69 TV Switcher/Control Room	ANC	150	0	0	
70 Video Production Lab	SC	1,200	0	0	
71 Multimedia/Editing Room	ANC	200	0	0	(Hollywood Studio Layout)
72 Foley Sound Stage/Audio Studio	ANC	600	0	0	
73 Control Room	ANC	150	0	0	
74 Screening Room	NS	1,800	0	0	(Divisible Lecture Hall 150 Capacity)
75 Control Room	ANC	150	0	0	
76 Prop & Equipment Storage	ANC	400	0	0	
77 Storage/Work Room	ANC	200	0	0	
Multi-Media Lab Journalism/Yearbook				2,800	
78 Classroom/Lab	SC	1,200	2	2,400	New Construction
79 Storage/Work Room	ANC	200	2	400	
				2,400	400
				2,800	

PLC - Collaborative Teaming Area

Room	Type	Area	Number	Total Area
80 Conference Room	ANC	200	0	0
81 Staff Workroom	ANC	300	0	0
82 Storage	ANC	100	0	0
				0

	2,400	400	0
Sub-Total Multi Media Arts Net SF:			2,800
Circulation/Support @ 25% (x 1.33):			924
Total Multi Media Arts Gross SF:			3,724

Business/Design/Engineering

Flex Program Labs

Room	Type	Area	Number	Total Area	Notes
83 Design Lab	SC	1,200	2	2,400	(Business or Design/Engineering)
84 Storage/Work Room	ANC	200	2	400	
				2,400	400
				2,800	

	2,400	400	0
Sub-Total Business/Design/Engineering Net SF:			2,800
Circulation/Support @ 25% (x 1.33):			924
Total Business/Design/Engineering Gross SF:			3,724

Specialized Programs

Medical (2)

Room	Type	Area	Number	Total Area	
95 Lab - Medical	SC	1,200	2	2,400	
96 Storage	ANC	200	2	400	
				2,400	400
				2,800	

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

Western 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	Notes
95 Auxiliary Gymnasium	NS	9,000	0	0	
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	1	200	
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	1	400	
105 Off-Site Coaches Room	ANC	400	2	800	
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	1	1,000	
110 Athletic Equipment Storage	ANC	1,000	1	1,000	
				0	7,375
				7,375	0

Athletic Teaching Stations

Room	Type	Area	Number	Total Area	Notes
111 Weight Room	NS	1,800	2	3,600	(Divisible Room)
112 Fitness Room	NS	2,400	1	2,400	
113 Health Classroom	NS	960	1	960	
114 Wrestling Room	NS	1,800	2	3,600	(Space for 40' x 40' Mat)
115 Wrestling Storage	ANC	200	2	400	
				10,560	400
				10,960	0

Community Field House

Room	Type	Area	Number	Total Area	Notes
116 Ticket Booth	ANC	100	2	200	
117 Field Storage	ANC	400	6	2,400	
118 Shared Concessions	ANC	300	2	600	
119 Public Toilets	ANC	300	4	1,200	(Home and Visitor)
120 Press Box	ANC	200	2	400	(Softball & Baseball)
				0	4,600
				4,600	0

Aquatic Center

Room	Type	Area	Number	Total Area	Notes
121 Ticket Booth	ANC	100	1	100	
122 Lifeguard/Coaches Office	ANC	150	1	150	
123 Public Toilets	ANC	350	2	700	(900 Required for 50m Pool)
124 Pool Equipment Storage	ANC	400	2	800	(Community and School)
125 Pool Mechanical Equipment	ANC	1,200	1	1,200	
				0	2,950
				2,950	0

	10,560	15,325	0
Sub-Total Physical Education Net SF:			25,885
Circulation/Support @ 10% (x 1.111):			2,873
Total Physical Education Gross SF:			28,758

7.17 MASTER PLAN DIAGRAMS WESTERN HIGH | PROGRAM

Western 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

Administration/Staff Support Services

Administration

Public Administration						2,225
126	Public Lobby/Reception/Waiting Area	SP	400	1	400	
127	Receptionist	SP	150	1	150	
128	Principal's Office	SP	250	1	250	
129	Large Conference	SP	250	1	250	
130	Principal's Secretary Office	SP	75	1	75	
131	Flex Office	SP	125	2	250	(1 PBIS)
132	Admin Work/Copy Rm/Staff Mailboxes	SP	400	1	400	(w/ Sink & Coffee Bar)
133	Supply Storage	SP	200	1	200	
134	Toilet	SP	125	2	250	(2 Fixtures Each)
Main Copy Room						800
135	Copy Center	SP	600	1	600	
136	Supply Storage	SP	200	1	200	
Site Administration/Discipline						1,400
137	Student Reception/Waiting Area	SP	300	1	300	
138	AP Clerical Support	SP	75	3	225	
139	Assistant Principal's Office	SP	150	3	450	
140	School Resource Officer Office (SRO)	SP	125	1	125	
141	Conference	SP	150	2	300	
						0
						0
						4,425
						0

Attendance

142	Attendance Office	SP	75	4	300	(Includes 4 Student Windows)
143	Current Records Storage	SP	100	1	100	
						0
						0
						400
						0

Health Services

144	Reception/Waiting	SP	75	1	75	
145	Exam Room	SP	75	1	75	
146	Health Workstation	SP	75	1	75	
147	Cot Area	SP	300	1	300	(3 cots minimum)
148	Toilet	SP	75	1	75	
						0
						0
						600
						0

Parent Center

149	Parent Center	SP	450	1	450	
150	Community Liaison Office	SP	125	1	125	
151	Storage	SP	100	1	100	
						0
						0
						675
						0

Learning Center

152	RSP Workstations	SP	80	6	480	
153	Break Out Area	SP	200	1	200	
154	IEP	SP	150	1	150	
155	Records Storage	SP	100	1	100	
156	Speech Office	SP	200	1	200	
157	Psychologist Office	SP	200	1	200	
						0
						1,330
						0

Western 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		

Independent Learning Center (ILC)

158	ILC Classroom	NS	960	1	960				3,000
159	Workstations	SP	75	6	450				
160	Collaborative Work Area	SP	960	1	960				
161	Conference	SP	200	1	200				
162	Independent Work Area	SP	330	1	330				
163	Storage	SP	100	1	100				
									3,000
									0

Counseling Services

152	Student Reception/Waiting Area	SP	300	1	300				
153	Clerical Support	SP	75	4	300				
154	Counselor's Office	SP	150	4	600				
155	Registrar Office	SP	125	1	125				
156	Flex Office	SP	125	1	125				
157	Testing Materials	SP	200	1	200				
158	College/Career Center	NS	1,000	1	1,000				
159	Small Conference	SP	150	1	150				
160	Large Conference	SP	250	1	250				
161	Longterm Records Storage	SP	200	1	200			(Compact Shelving)	
						0	0		3,250
						0			0

Sub-Total Student Support Services Net SF:

Circulation/Support @ 25% (x 1.33):

Total Student Support Services Gross SF:

0	0	13,680
		13,680
		4,514
		18,194

MASTER PLAN DIAGRAMS WESTERN HIGH | PROGRAM

Western 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		

Library/Media Center

Library Program

Room	Type	Area	Number	Total Area	Notes
Library (CDE Minimum 4sf/Student x 2500 Students = 10,000sf)					8,350
162 Circulation Desk	SP	150	1	150	
163 Media Center Office	SP	125	1	125	
164 Work/Processing Room	SP	300	1	300	
165 Text/Tech Storage	SP	1,200	1	1,200	High Density Storage
166 Reference/On-Line Catalog Stations	SP	600	1	600	
167 Reading Room	SP	1,800	1	1,800	
168 Stacks/Collection	SP	1,800	1	1,800	
169 Reference/Periodical Stacks	SP	400	1	400	
170 Student Work Areas	SP	150	2	300	
171 Professional Development Library	SP	400	1	400	
172 Staff Toilet	SP	75	1	75	
173 Innovation Lab	NS	1,200	1	1,200	
Technology Support					750
174 Technology Director's Office	SP	150	1	150	
175 Technology Work Room	SP	200	1	200	
176 Equipment Storage Room	SP	200	1	200	
177 Main Data Network Control Room	SP	200	1	200	
					1,200
					0
					7,900
					1,200

Sub-Total Library/Media Center Net SF:	1,200	0	7,900
Circulation/Support @ 10% (x 1.111):			9,100
Total Library/Media Center Gross SF:			10,110

Student Union/Campus Center

Student Activities

Room	Type	Area	Number	Total Area	Notes
Student Union					650
178 Collaboration/Dining	SP	6,000	0	0	
179 Study Rooms	SP	250	2	500	
180 Table/Chair Storage	SP	150	1	150	
ASB					0
178 ASB Director's Office	SP	150	0	0	
179 Athletic Director's Office	SP	150	0	0	
180 Student Store	SP	400	0	0	
181 Accountant	SP	125	0	0	
182 Accounting Clerk	SP	75	0	0	
183 Activities Storage Room w/ Safe	SP	100	0	0	
184 ASB Room	SC	960	0	0	
185 ASB Storage Room	SP	100	0	0	
					0
					0
					650

Sub-Total Student Union Net SF:	0	0	650
Circulation/Support @ 10% (x 1.111):			72
Total Student Union Gross SF:			722

Western 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		

Nutrition Services

Food Service/Student Dining

Room	Type	Area	Number	Total Area	Notes
192 Kitchen/Food Prep	SP	2,350	0	0	
193 Dry Storage	SP	250	0	0	
194 Walk-In Refrigerator/Freezer	SP	125	0	0	
195 Serving Line	SP	800	0	0	
196 Serving Windows	SP	150	0	0	
197 Changing Room/Toilet	SP	95	0	0	
198 Food Service Director Office w/Safe	SP	150	0	0	(2 Workstations)
199 Receiving Area	SP	100	0	0	
200 Lunch Shelter	SP	7,500	1	7,500	(1000 Students)
					0
					0
					7,500

Custodial Services

Room	Type	Area	Number	Total Area	Notes
201 Custodian Office	SP	100	0	0	
202 Custodian/Maintenance Workroom	SP	300	0	0	
203 Supply/Grounds Storage	SP	400	0	0	
204 Golf Cart Garage/Storage	SP	500	0	0	(4 Golf Carts)
					0
					0
					7,500

Sub-Total Food Service/Custodial Net SF:	0	0	7,500
Circulation/Support @ 10% (x 1.111):			833
Total Food Service/Custodial Gross SF:			8,333

Square Footage Summary

Sub-Total Base Program Net SF:	35,640	24,745	29,730
Total Circulation/Support:			90,115
Total Base Program Gross SF:			110,406

MASTER PLAN DIAGRAMS

WESTERN HIGH | PROJECT COST SUMMARY

SCOPE OF WORK CATEGORIES	TOTAL	PROPOSED PHASE 1
1. Modernize & Reconfigure Existing Classroom & Lab Buildings	\$7,787,000	\$2,000,000
2. Existing Building Systems & Toilets	\$8,007,000	\$4,000,000
3. Site Utilities	\$3,931,000	\$2,000,000
4. New Construction Classrooms	\$13,195,000	\$8,700,000
5. Design Lab, Science, and Career Tech Education	\$17,670,000	\$3,000,000
6. Performing Arts Improvements	\$3,736,000	\$0
7. Multipurpose / Food Service Improvements	\$2,421,000	\$0
8. Physical Education Improvements	\$13,174,000	\$2,100,000
9. Administration & Staff Support	\$3,518,000	\$0
10. Student Collaboration & Student Support Services	\$7,338,000	\$0
11. Safety & Security	\$7,018,000	\$3,500,000
12. Outdoor Learning Quads	\$1,213,000	\$0
13. Exterior Play Fields & Hardcourts	\$13,466,000	\$0
14. 21st Century Learning Classroom Flexibility	\$2,300,000	\$1,150,000
15. Technology Infrastructure	\$1,240,000	\$620,000
Total Construction / Project Cost (2014\$)	\$106,014,000	\$27,070,000