

Norwalk-La Mirada Unified School District

HVAC REPLACEMENT PROJECTS

HARDSCAPE PROJECT

SPORTS FIELDS PROJECTS

APRIL 11, 2016

HVAC Replacement Projects Various Sites

Norwalk-La Mirada USD

HVAC REPLACEMENT PROJECTS

- Replacement of HVAC at Administration Buildings and Multi-Purpose Rooms at 7 Schools:
 - Nuffer Elementary School
 - Johnston Elementary School
 - Glazier Elementary School
 - Lampton Elementary School
 - Morrison Elementary School
 - New River Elementary School
 - Los Alisos Middle School (Multi-Purpose Building Only)
- Complete HVAC Replacement at Chavez Elementary School.

Norwalk-La Mirada USD

HVAC REPLACEMENT PROJECTS

- The Team met with DSA on February 2nd 2016.
- DSA will Require Minimum Code Upgrades if any Building Components Other than the Mechanical System are Affected.
- Minimum Code Upgrades Include:
 - ADA Compliance (Doors, Hardware)
 - Path of Travel (to Building Being Upgraded)
 - Compliant Parking Spaces
 - Compliant Restrooms
 - Fire Alarm Upgrades
 - Structural Reinforcement
 - Ceilings / Lighting

HVAC Replacement Cost Estimates Options

OVERALL IMPROVEMENTS

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Full Modernization						
Administration Building	Full Modernization	2,335	SF	185	431,975	
	Full Modernization	3,973	EA	185	735,005	
TOTAL COST Full Modernization Improvements:					\$1,166,980	

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Minimum Code Required Upgrades (ADA / Safety)						
Site Work	Path of Travel	1	ALLOW	10,000	10,000	
	ADA Parking / Signage	1	ALLOW	10,000	10,000	
	HVAC (By School)	1	ALLOW	300,000	300,000	Per District Estimate
Administration Building	Doors (Hardware Only)	12	EA	970	11,640	
	Doors	3	EA	2,180	6,540	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	3	EA	30,250	90,750	
	Reconfiguration of Core Area for Door Strike	140	SF	195	27,300	
	New Ceilings	2,335	SF	5	11,675	
	New Lighting	2,335	SF	15	35,025	
	Casework	75	LF	425	31,875	
	Fire Alarm	12	EA	605	7,260	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	21,000	21,000	
Multipurpose Building	Doors (Hardware Only)	3	EA	970	2,910	
	Doors	3	EA	2,180	6,540	
	Doors and Widening	1	EA	3,025	3,025	
	Restrooms Remodel	2	EA	30,250	60,500	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	3,973	SF	5	19,865	
	New Lighting	3,973	SF	15	59,595	
	Casework	50	LF	425	21,250	
	Fire Alarm	22	EA	605	13,310	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	18,000	18,000	
Design Contingency			10%	76,806	76,806	
TOTAL COST Code Required Improvements:					\$844,866	

OVERALL IMPROVEMENTS

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Full Modernization						
Administration Building						
	Full Modernization	2,778	SF	185	513,930	
Multipurpose Building						
	Full Modernization	4,673	EA	185	864,505	
TOTAL COST Full Modernization Improvements:					\$1,378,435	

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Minimum Code Required Upgrades (ADA / Safety)						
Site Work	Path of Travel	1	ALLOW	10,000	10,000	
	ADA Parking / Signage	1	ALLOW	10,000	10,000	
	HVAC (By School)	1	ALLOW	330,000	330,000	Per District Estimate
Administration Building	Doors (Hardware Only)	8	EA	970	7,760	
	Doors	2	EA	2,180	4,360	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	3	EA	30,250	90,750	
	Reconfiguration of Core Area for Door Strike	80	SF	195	15,600	
	New Ceilings	2,778	SF	5	13,890	
	New Lighting	2,778	SF	15	41,670	
	Casework	100	LF	425	42,500	
	Fire Alarm	18	EA	605	10,890	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	21,000	21,000	
Multipurpose Building	Doors (Hardware Only)	9	EA	970	8,730	
	Doors	0	EA	2,180	0	
	Doors and Widening	1	EA	3,025	3,025	
	Restrooms Remodel	1	EA	30,250	30,250	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	4,673	SF	5	23,365	
	New Lighting	4,673	SF	15	70,095	
	Casework	25	LF	425	10,625	
	Fire Alarm	23	EA	605	13,915	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	18,000	18,000	
Design Contingency			10%	77,643	77,643	
TOTAL COST Code Required Improvements:					\$854,068	

OVERALL IMPROVEMENTS

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Full Modernization						
Administration Building	Full Modernization	2,381	SF	185	440,485	
	Full Modernization	4,619	EA	185	854,515	
TOTAL COST Full Modernization Improvements:					\$1,295,000	

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Minimum Code Required Upgrades (ADA / Safety)						
Site Work	Path of Travel	1	ALLOW	10,000	10,000	
	ADA Parking / Signage	1	ALLOW	10,000	10,000	
	HVAC (By School)	1	ALLOW	500,000	500,000	Per District Estimate
Administration Building	Doors (Hardware Only)	9	EA	970	8,730	
	Doors	2	EA	2,180	4,360	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	4	EA	30,250	121,000	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	2,381	SF	5	11,905	
	New Lighting	2,381	SF	15	35,715	
	Casework	100	LF	425	42,500	
	Fire Alarm	16	EA	605	9,680	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	21,000	21,000	
Multipurpose Building	Doors (Hardware Only)	11	EA	970	10,670	
	Doors	0	EA	2,180	0	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	1	EA	30,250	30,250	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	4,619	SF	5	23,095	
	New Lighting	4,619	SF	15	69,285	
	Casework	25	LF	425	10,625	
	Fire Alarm	21	EA	605	12,705	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	18,000	18,000	
Design Contingency			10%	94,952	94,952	
TOTAL COST Code Required Improvements:					\$1,044,472	

OVERALL IMPROVEMENTS

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Full Modernization						
Administration Building						
	Full Modernization	2,648	SF	185	489,880	
Multipurpose Building						
	Full Modernization	4,724	EA	185	873,940	
TOTAL COST Full Modernization Improvements:					\$1,363,820	

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Minimum Code Required Upgrades (ADA / Safety)						
Site Work	Path of Travel	1	ALLOW	10,000	10,000	
	ADA Parking / Signage	1	ALLOW	10,000	10,000	
	HVAC (By School)	1	ALLOW	400,000	400,000	Per District Estimate
Administration Building	Doors (Hardware Only)	6	EA	970	5,820	
	Doors	2	EA	2,180	4,360	
	Doors and Widening	2	EA	3,025	6,050	
	Restrooms Remodel	2	EA	30,250	60,500	
	Reconfiguration of Core Area for Door Strike	483	SF	195	94,185	
	New Ceilings	2,648	SF	5	13,240	
	New Lighting	2,648	SF	15	39,720	
	Casework	12	LF	425	5,100	
	Fire Alarm	15	EA	605	9,075	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	21,000	21,000	
Multipurpose Building	Doors (Hardware Only)	8	EA	970	7,760	
	Doors	0	EA	2,180	0	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	1	EA	30,250	30,250	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	4,724	SF	5	23,620	
	New Lighting	4,724	SF	15	70,860	
	Casework	0	LF	425	0	
	Fire Alarm	26	EA	605	15,730	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	18,000	18,000	
Design Contingency			10%	84,527	84,527	
TOTAL COST Code Required Improvements:					\$929,797	

OVERALL IMPROVEMENTS

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Full Modernization						
Administration Building						
	Full Modernization	2,218	SF	185	410,330	
Multipurpose Building						
	Full Modernization	4,663	EA	185	862,655	
TOTAL COST Full Modernization Improvements:					\$1,272,985	

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Minimum Code Required Upgrades (ADA / Safety)						
Site Work	Path of Travel	1	ALLOW	10,000	10,000	
	ADA Parking / Signage	1	ALLOW	10,000	10,000	
	HVAC (By School)	1	ALLOW	320,000	320,000	Per District Estimate
Administration Building	Doors (Hardware Only)	10	EA	970	9,700	
	Doors	1	EA	2,180	2,180	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	2	EA	30,250	60,500	
	Reconfiguration of Core Area for Door Strike	80	SF	195	15,600	
	New Ceilings	2,218	SF	5	11,090	
	New Lighting	2,218	SF	15	33,270	
	Casework	100	LF	425	42,500	
	Fire Alarm	15	EA	605	9,075	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	21,000	21,000	
Multipurpose Building	Doors (Hardware Only)	11	EA	970	10,670	
	Doors	0	EA	2,180	0	
	Doors and Widening	1	EA	3,025	3,025	
	Restrooms Remodel	1	EA	30,250	30,250	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	4,663	SF	5	23,315	
	New Lighting	4,663	SF	15	69,945	
	Casework	25	LF	425	10,625	
	Fire Alarm	27	EA	605	16,335	
Structural Framing / Roof Tie-in for HVAC		1	ALLOW	18,000	18,000	
Design Contingency			10%	72,708	72,708	
TOTAL COST Code Required Improvements:					\$799,788	

OVERALL IMPROVEMENTS

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Full Modernization						
Administration Building	Full Modernization	2,714	SF	185	502,090	
	Full Modernization	4,712	EA	185	871,720	
TOTAL COST Full Modernization Improvements:					\$1,373,810	

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Minimum Code Required Upgrades (ADA / Safety)						
Site Work	Path of Travel	1	ALLOW	10,000	10,000	
	ADA Parking / Signage	1	ALLOW	10,000	10,000	
	HVAC (By School)	1	ALLOW	330,000	330,000	Per District Estimate
Administration Building	Doors (Hardware Only)	10	EA	970	9,700	
	Doors	0	EA	2,180	0	
	Doors and Widening	2	EA	3,025	6,050	
	Restrooms Remodel	4	EA	30,250	121,000	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	2,714	SF	5	13,570	
	New Lighting	2,714	SF	15	40,710	
	Casework	100	LF	425	42,500	
	Fire Alarm	20	EA	605	12,100	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	21,000	21,000	
Multipurpose Building	Doors (Hardware Only)	11	EA	970	10,670	
	Doors	0	EA	2,180	0	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	2	EA	30,250	60,500	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	4,712	SF	5	23,560	
	New Lighting	4,712	SF	15	70,680	
	Casework	25	LF	425	10,625	
	Fire Alarm	25	EA	605	15,125	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	18,000	18,000	
Design Contingency			10%	82,579	82,579	
TOTAL COST Code Required Improvements:					\$908,369	

OVERALL IMPROVEMENTS

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Full Modernization						
Multipurpose Building						
	Full Modernization	6,976	EA	185	1,290,560	
TOTAL COST Full Modernization Improvements:					\$1,290,560	

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Minimum Code Required Upgrades (ADA / Safety)						
Site Work	Path of Travel	1	ALLOW	10,000	10,000	
	ADA Parking / Signage	1	ALLOW	10,000	10,000	
	HVAC (By School)	1	ALLOW	300,000	300,000	Per District Estimate
Multipurpose Building	Doors (Hardware Only)	8	EA	970	7,760	
	Doors	0	EA	2,180	0	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	2	EA	30,250	60,500	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	6,976	SF	5	34,880	
	New Lighting	6,976	SF	15	104,640	
	Casework	25	LF	425	10,625	
	Fire Alarm	23	EA	605	13,915	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	18,000	18,000	
Design Contingency			10%	57,032	57,032	
TOTAL COST Code Required Improvements:					\$627,352	



RACHLIN PARTNERS
8640 National Boulevard
Culver City, CA 90232
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HVAC Replacement
Los Alisos Middle School
Norwalk, California 90650

Pricing

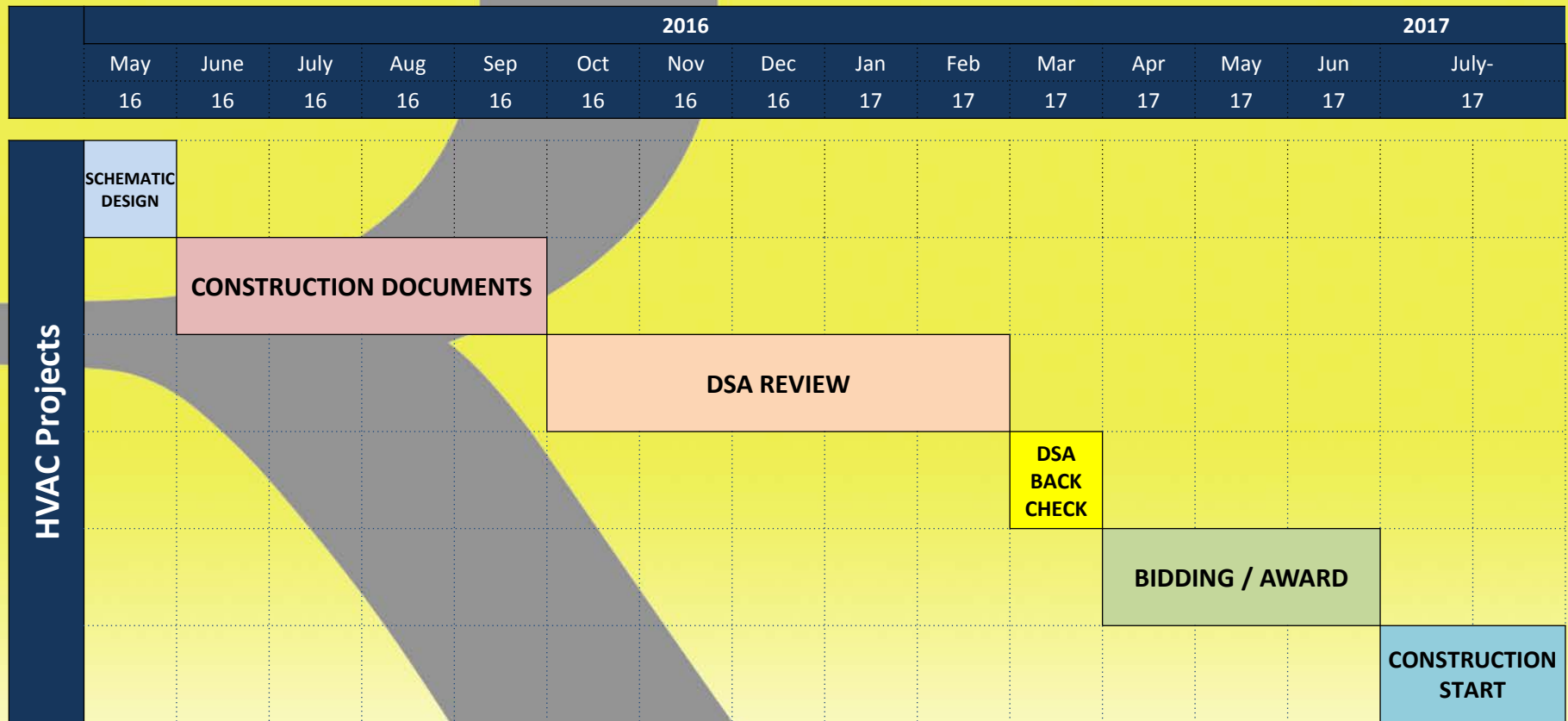
OVERALL IMPROVEMENTS

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Full Modernization						
Administration Building	Full Modernization	22,950	SF	225	5,163,750	
Multipurpose Building	Full Modernization	10,777	EA	225	2,424,825	
TOTAL COST Full Modernization Improvements:					7,588,575	

Category/Item		Quantity	Unit	Unit Cost \$	Total \$	Remarks
Minimum Code Required Upgrades (ADA / Safety)						
Site Work	Path of Travel	1	ALLOW	10,000	10,000	
	ADA Parking / Signage	1	ALLOW	10,000	10,000	
	HVAC (By School)	1	ALLOW	2,500,000	2,500,000	Per District Estimate
Administration Building	Doors (Hardware Only)	30	EA	970	29,100	
	Doors	20	EA	2,180	43,600	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	5	EA	30,250	151,250	
	Reconfiguration of Core Area for Door Strike	1,588	SF	195	309,660	
	New Ceilings	22,950	SF	5	114,750	
	New Lighting	22,950	SF	15	344,250	
	Casework	300	LF	425	127,500	
	Fire Alarm	48	EA	605	29,040	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	80,000	80,000	
Multipurpose Building	Doors (Hardware Only)	20	EA	970	19,400	
	Doors	0	EA	2,180	0	
	Doors and Widening	0	EA	3,025	0	
	Restrooms Remodel	8	EA	30,250	242,000	
	Reconfiguration of Core Area for Door Strike	0	SF	195	0	
	New Ceilings	10,777	SF	5	53,885	
	New Lighting	10,777	SF	15	161,655	
	Casework	100	LF	425	42,500	
	Fire Alarm	29	EA	605	17,545	
	Structural Framing / Roof Tie-in for HVAC	1	ALLOW	36,000	36,000	
Design Contingency			10%	432,214	432,214	
TOTAL COST Code Required Improvements:					\$4,754,349	

Norwalk-La Mirada USD

HVAC PROJECTS SCHEDULE





Hardscape Project Norwalk High School

The Process

HARDSCAPE PROJECT

- Preliminary Site Meeting with Campus Administration to Establish Project Goals.
- Multiple **Design Committee** Meetings Held Consisting of District Administration, Campus Administration, Faculty, Staff, PTA and Students.
- Final Design Agreed upon by Unanimously by **Design Committee**.





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Hardscape
 Norwalk High School
 Norwalk, California 90650

Hardscape Concept A



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Culver City, CA 90232
310 204-3400

Hardscape
Norwalk High School
Norwalk, California 90650

Hardscape Concept B



Preliminary Cost Estimate
Norwalk-La Mirada Unified School District
Norwalk High School

OVERALL IMPROVEMENTS

Area	Sq Ft	Scope	Unit	Cost
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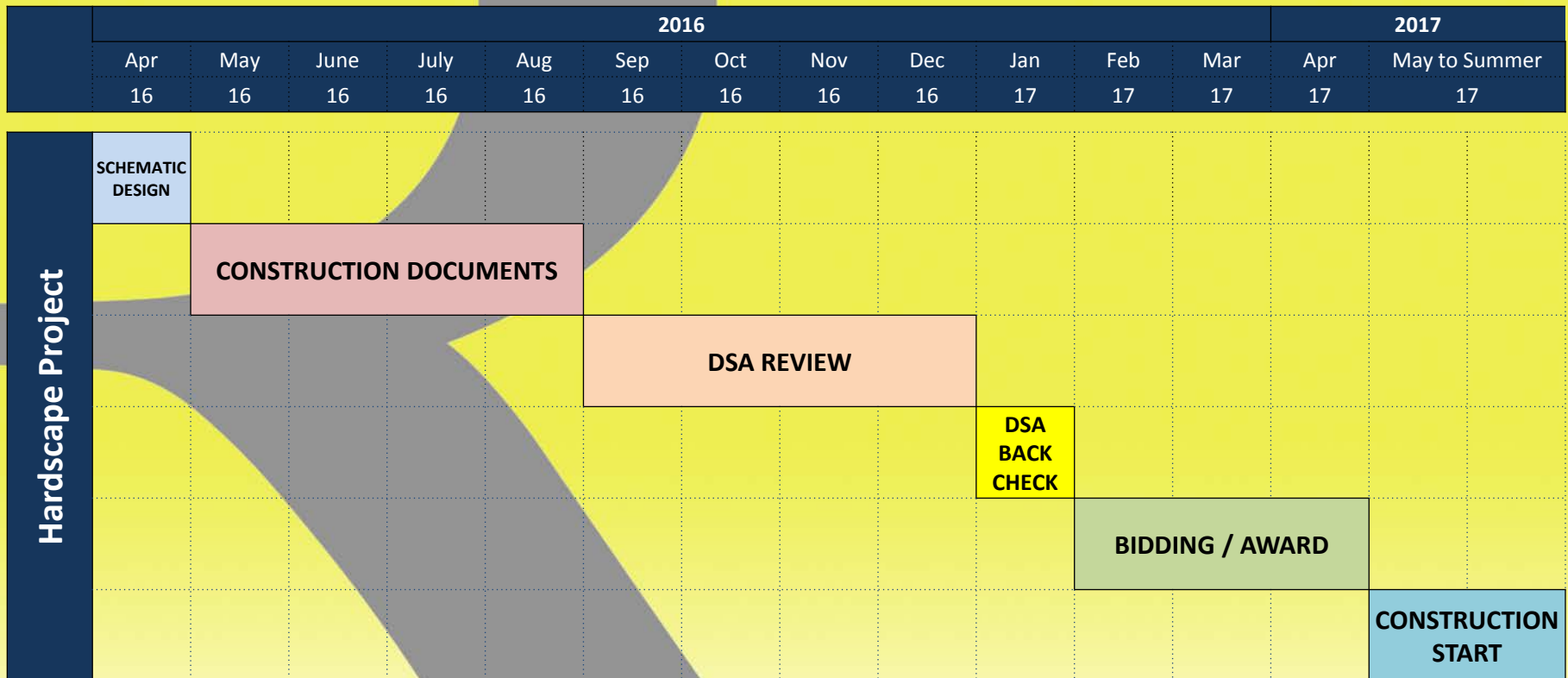
Main Entry, Quad and Major Circulation Areas				
A1	31,867	Hardscape, landscape, irrigation	\$15	\$478,005
A2	20,570	Hardscape, landscape, irrigation	\$12	\$246,840
A3	4,122	Hardscape, landscape, irrigation	\$15	\$61,830
A4	14,351	Hardscape, landscape, irrigation	\$12	\$172,212
A5	10,057	Hardscape, landscape, irrigation	\$12	\$120,684
A6	8,700	Hardscape, landscape, irrigation	\$12	\$104,400
A7	282	Hardscape, landscape, irrigation	\$12	\$3,384
A8	282	Hardscape, landscape, irrigation	\$12	\$3,384
A9	282	Hardscape, landscape, irrigation	\$12	\$3,384
A10	689	Hardscape, landscape, irrigation	\$12	\$8,268
A11	10,416	Hardscape, landscape, irrigation	\$12	\$124,992
A12	853	Hardscape, landscape, irrigation	\$12	\$10,236
A13	27,808	Hardscape, landscape, irrigation	\$8	\$222,464
A14	1,451	Hardscape, landscape, irrigation	\$12	\$17,412
A15	5,157	Hardscape, landscape, irrigation	\$12	\$61,884
Total Cost Main Entry, Quad and Major Circulation Areas				\$1,639,379

Interior Drainage Problem Areas				
A16	5,562	Site drainage/ arroyo	\$12	\$66,744
A17	23,709	Site drainage/ arroyo	\$12	\$284,508
A18	22,196	Site drainage / arroyo	\$12	\$266,352
Total Cost Interior Drainage Problem Areas				\$617,604

Peripheral Areas				
TBD 1	10,381	Existing landscaping is acceptable	\$0	\$0
TBD 2	15,906	Existing landscaping is acceptable	\$0	\$0
TBD 3	6,224	To be determined	\$12	\$74,688
TBD 4	6,442	Existing landscaping is acceptable	\$0	\$0
Total Cost Peripheral Areas				\$74,688

Norwalk-La Mirada USD

HARDSCAPE PROJECT SCHEDULE



Sports Fields Projects

The Process

SPORTS FIELDS PROJECTS

- Preliminary Meeting with **Design Committee** to Establish Project Goals.
- Multiple **Design Committee** Meetings Held Consisting of District Administration, Campus Administration, Faculty, Staff, Coaches and Students.
- Final Design Agreed upon Unanimously by **Design Committee**.





Sports Fields Project Norwalk High School

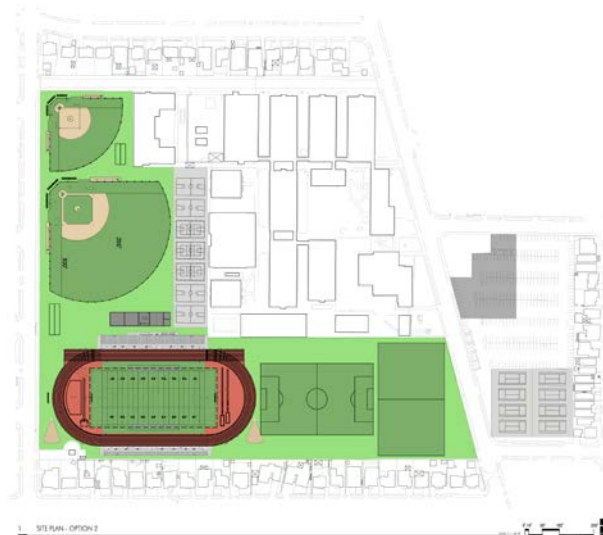


Pros

- All Fields are Oriented in the Most Optimal Direction
- Stadium is Close to Parking and Front of Campus

Cons

- Bleachers for the Stadium Can Only be Located on One Side
- Concession Stand, Restrooms, and Field House are Further Away from Baseball and Softball Fields
- Hard Courts are Split Up
- Only 7 Basketball Courts



Pros

- Stadium, Baseball, Softball and Soccer Fields are Oriented in the Most Optimal Direction
- Stadium Can Accommodate Two Sides of Bleachers
- Concession Stand, Restrooms, and Field House are Centrally Located Between All Fields

Cons

- Stadium is Located Far from Parking Lot
- Practice Field is Not Oriented in the Most Optimal Direction
- Tennis Courts are Relocated Across the Street from Campus
- Only 7 Basketball Courts

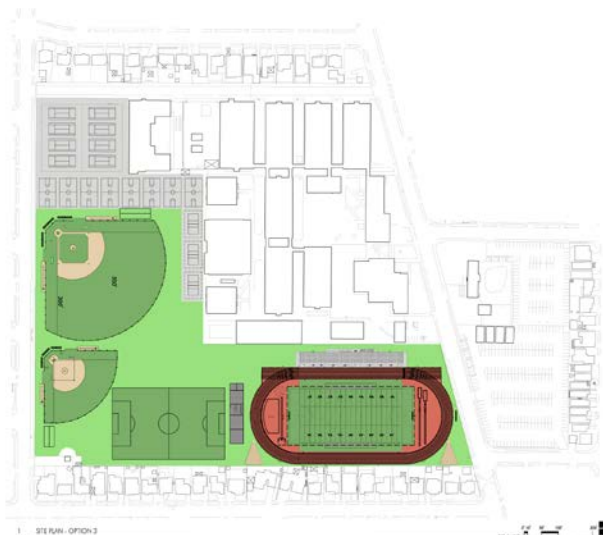


Pros

- All Fields are Oriented in the Most Optimal Direction
- All Fields are Together on South Side of Site

Cons

- Bleachers for the Stadium Can Only be Located on One Side
- Concession Stand, Restrooms, and Field House are Further Away from Baseball and Softball Fields
- Hard Courts are Split Up
- Practice Field is Cut Into by Fence

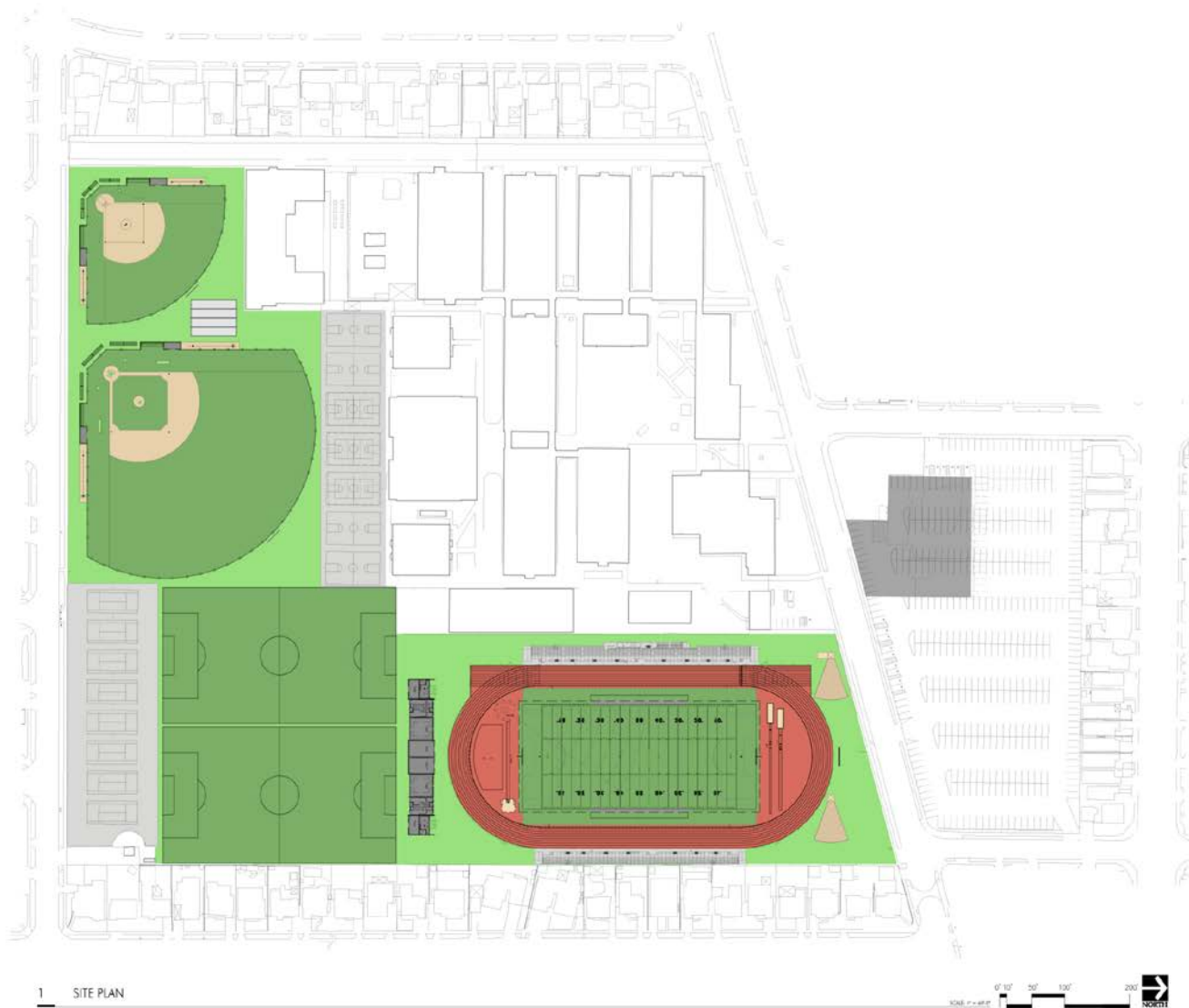


Pros

- All Fields are Oriented in the Most Optimal Direction
- Stadium is Close to Parking and Front of Campus
- Hard Courts are Grouped Together

Cons

- Bleachers for the Stadium Can Only be Located on One Side
- Concession Stand, Restrooms, and Field House are Further Away from Baseball and Softball Fields
- No Practice Field



Pros

- All Fields are Oriented in the Most Optimal Direction
- Stadium is Close to Parking and Front of Campus
- Bleachers are on Both Sides of the Stadium
- Extra Parking Added with Removal of Abandoned Pool Building

Cons

- Concession Stand, Restrooms, and Locker Rooms are Further Away from Baseball and Softball Fields
- Hard Courts are Split Up
- Only 7 Basketball Courts



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8640 National Boulevard
Culver City, CA 90232
310 204-3400

Sports Fields
Norwalk High School
Norwalk, California 90650

Final Site Plan

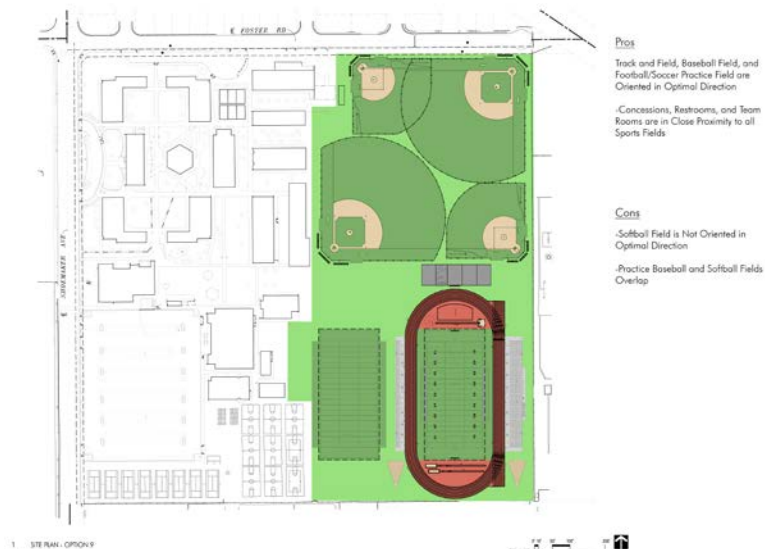
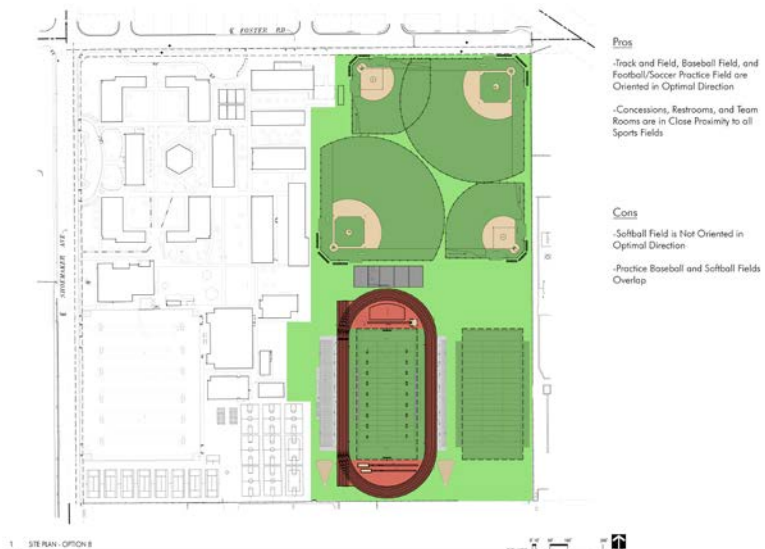
**All-Weather Track and Field
Preliminary Cost Estimate**

Category/Item	Quantity	Unit	Unit Cost \$	Total \$	Remarks
TRACK AND FIELD PROJECT - PHASE 1					
Track and Field					
All Weather Track and Synthetic Turf Field	1	EA	2,700,000	2,700,000	
Track Equipment	1	ALLOW	60,000	60,000	
TRACK AND FIELD SUBTOTAL:				\$ 2,760,000	
Baseball Field					
Field Surface	110,056	SF	12	1,320,672	
Bleachers	180	EA	195	35,100	
Dugout	2	EA	25,000	50,000	
Storage	624	SF	110	68,640	
Bull pens	2	EA	14,000	28,000	
Score Board	1	ALLOW	50,000	50,000	
Fencing / Netting	1	ALLOW	70,000	70,000	
Equipment	1	ALLOW	35,000	35,000	
BASEBALL FIELD SUBTOTAL:				\$ 1,657,412	
Softball Field					
Field Surface	38,250	SF	12	459,000	
Bleachers	180	EA	195	35,100	
Dugout	2	EA	17,500	35,000	
Storage	624	SF	110	68,640	
Bull pens	2	EA	14,000	28,000	
Score Board	1	ALLOW	50,000	50,000	
Fencing	1	ALLOW	64,000	64,000	
Equipment	1	ALLOW	35,000	35,000	
SOFTBALL FIELD SUBTOTAL:				\$ 774,740	
Practice Fields					
Football Practice Field	75,600	SF	12	907,200	
Soccer Practice Field	75,600	SF	12	907,200	
Batting Cages	1	EA	22,000	22,000	
PRACTICE FIELDS SUBTOTAL:				\$ 1,836,400	
Accessory Building					
Storage Rooms	3,278	SF	110	360,580	
Team Rooms	2,590	SF	210	543,900	
Concessions	1,050	SF	375	393,750	
Restrooms	2,000	SF	350	700,000	
ACCESSORY BUILDING SUBTOTAL:				\$ 1,998,230	

Category/Item	Quantity	Unit	Unit Cost \$	Total \$	Remarks
TRACK AND FIELD PROJECT - PHASE 1					
Miscellaneous					
Other Turf Areas	150,000	SF	7	1,050,000	
MISCELLANEOUS SUBTOTAL:				\$ 1,050,000	
Basketball Courts					
Demolish Asphalt	77,244	SF	2	154,488	
Grading	46,737	SF	2.50	116,843	
Asphalt Paving and Striping	46,737	SF	9	420,633	
Equipment	1	ALLOW	25,000	25,000	
BASKETBALL COURTS SUBTOTAL:				\$ 716,964	
Tennis Courts					
Demolish Existing Courts	47,862	SF	2	95,724	
New Courts	55,400	SF	10	554,000	
Fencing	1,150	LF	58	66,700	
Equipment	1	ALLOW	25,000	25,000	
TENNIS COURTS SUBTOTAL:				\$ 741,424	
Parking Lot					
Demolish Buildings	63,630	CF	0.75	47,723	
Grading	17,850	SF	2.50	44,625	
Asphalt Paving and Striping	17,850	SF	9	160,650	
PARKING LOT SUBTOTAL:				\$ 252,998	
TRACK AND FIELD PROJECT - PHASE 1 GRAND SUBTOTAL:				\$ 11,788,167	
Design Contingency	10%		1,178,817	1,178,817	
Construction Contingency	10%		1,296,698	1,296,698	
TRACK AND FIELD PROJECT - PHASE 1 GRAND TOTAL:				\$ 14,263,682	
TRACK AND FIELD PROJECT - PHASE 2					
Track Bleachers - 2500 seats	1	EA	875,000	875,000	
Press Box	300	SF	315	94,500	
Elevator	1	ALLOW	120,000	120,000	
Field Lighting	1	ALLOW	920,000	920,000	(bball/fball)
TRACK AND FIELD PROJECT - PHASE 2 SUBTOTAL:				\$ 2,009,500	
Design Contingency	10%		200,950	200,950	
Construction Contingency	10%		221,045	221,045	
TRACK AND FIELD PROJECT - PHASE 2 GRAND TOTAL				\$ 2,431,495	



Sports Fields Project John Glenn High School





Pros

-Track and Field, Baseball Field, Softball Field, and Football/Soccer Practice Field are Oriented in Optimal Direction

-Concessions, Restrooms, and Team Rooms are in Close Proximity to all Sports Fields

Cons

-Practice Baseball and Softball Fields Overlap

1 SITE PLAN

SCALE: 1"=40' 0"
0' 10' 50' 100' 200' NORTH



RACHLIN PARTNERS
8640 National Boulevard
Culver City, CA 90232
310 204-3400

Stadium Project
John Glenn High School
Norwalk, California 90650

Final Site Plan

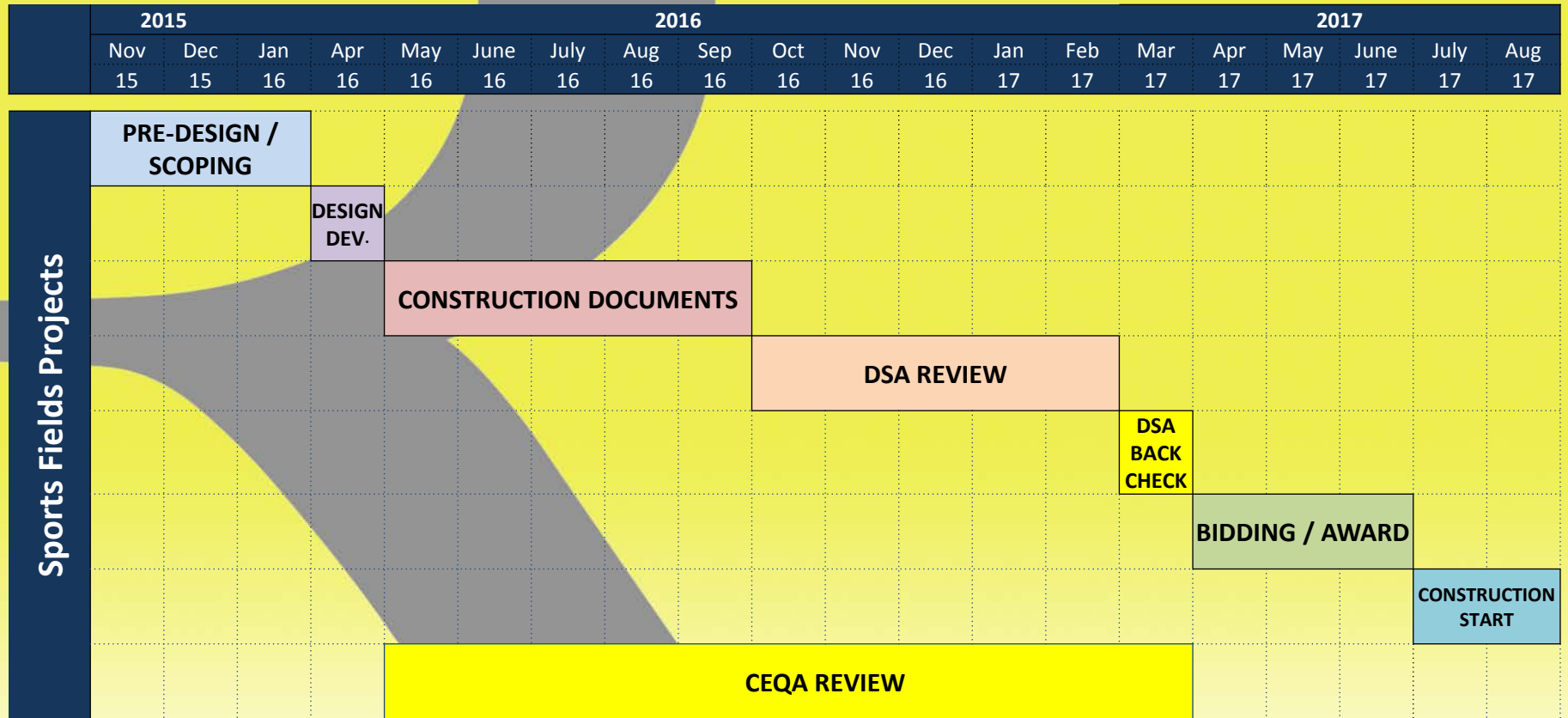
**All-Weather Track and Field
Preliminary Cost Estimate**

Category/Item	Quantity	Unit	Unit Cost \$	Total \$	Remarks
TRACK AND FIELD PROJECT - PHASE 1					
Track and Field					
All Weather Track and Synthetic Turf Field	1	EA	2,700,000	2,700,000	
Track Equipment	1	ALLOW	60,000	60,000	
TRACK AND FIELD SUBTOTAL:				\$ 2,760,000	
Baseball Field					
Field Surface	119,890	SF	12	1,438,680	
Bleachers	180	EA	195	35,100	
Dugout	2	EA	25,000	50,000	
Bull pens	2	EA	20,000	40,000	
Score Board	1	ALLOW	50,000	50,000	
Fencing / Netting	1	ALLOW	70,000	70,000	
Equipment	1	ALLOW	35,000	35,000	
BASEBALL FIELD SUBTOTAL:				\$ 1,718,780	
Softball Field					
Field Surface	41,192	SF	12	494,304	
Bleachers	180	EA	195	35,100	
Dugout	2	EA	17,500	35,000	
Bull pens	2	EA	14,000	28,000	
Score Board	1	ALLOW	50,000	50,000	
Fencing	1	ALLOW	64,000	64,000	
Equipment	1	ALLOW	35,000	35,000	
SOFTBALL FIELD SUBTOTAL:				\$ 741,404	
Practice Fields					
Baseball Practice Field	105,326	SF	12	1,263,912	
Softball Practice Field	36,079	SF	12	432,948	
Football / Soccer Practice Field	75,510	SF	12	906,120	
Batting Cages	1	EA	22,000	22,000	
PRACTICE FIELDS SUBTOTAL:				\$ 2,624,980	

Category/Item	Quantity	Unit	Unit Cost \$	Total \$	Remarks
TRACK AND FIELD PROJECT - PHASE 1					
Miscellaneous					
Other Turf Areas	225,000	SF	7	1,575,000	
Processional Entrance	23,661	SF	10	236,610	
MISCELLANEOUS SUBTOTAL:				\$ 1,811,610	
Accessory Building					
Storage Rooms	4,346	SF	110	478,060	
Team Rooms	2,688	SF	210	564,480	
Concessions	780	SF	375	292,500	
Restrooms	2,000	SF	350	700,000	
ACCESSORY BUILDING SUBTOTAL:				\$ 2,035,040	
TRACK AND FIELD PROJECT - PHASE 1 GRAND SUBTOTAL:				\$ 11,691,814	
Design Contingency	10%		1,169,181	1,169,181	
Construction Contingency	10%		1,286,100	1,286,100	
TRACK AND FIELD PROJECT - PHASE 1 GRAND TOTAL:				\$ 14,147,095	
TRACK AND FIELD PROJECT - PHASE 2					
Football Lighting					
	1	ALLOW	450,000	450,000	
FOOTBALL LIGHTING SUBTOTAL:				\$ 450,000	
Stadium Seating					
Track Bleachers - 5000 seats	1	EA	1,750,000	1,750,000	
Press Box	300	SF	315	94,500	
Elevator	1	ALLOW	120,000	120,000	
STADIUM SEATING SUBTOTAL:				\$ 1,964,500	
Baseball/Softball Lighting					
	1	ALLOW	1,032,000	1,032,000	
BASEBALL/SOFTBALL LIGHTING SUBTOTAL:				\$ 1,032,000	
Practice Field Lighting					
	1	ALLOW	300,000	300,000	
PRACTICE FIELD LIGHTING SUBTOTAL:				\$ 300,000	
TRACK AND FIELD PROJECT - PHASE 2 SUBTOTAL:				\$ 3,746,500	
Design Contingency	10%		374,650	374,650	
Construction Contingency	10%		412,115	412,115	
TRACK AND FIELD PROJECT - PHASE 2 GRAND TOTAL				\$ 4,533,265	

Norwalk-La Mirada USD

SPORTS FIELDS PROJECTS SCHEDULE



Questions & Answers

THANK YOU

RACHLIN
P A R T N E R S