

# EL MODENA HIGH SCHOOL SWIMMING POOL

## *School Board Presentation*

## *Design Options & Pricing*

*Dennis Berkshire, Aquatics Design Group*

*David Rivera, Assistant Superintendent/CBO*

*February 12, 2019*



**El Modena High School**



# STAKEHOLDER & COMMUNITY PROCESS

## Stakeholder Group Attendees Included:

- 💧 El Modena HS Administrators
- 💧 El Modena, Villa Park, and Canyon HS Swim and Water Polo Coaches
- 💧 El Modena Aquatics and Water Polo Booster Parents
- 💧 Athletic Directors from all HS locations
- 💧 Outside aquatics organization ORCA
- 💧 Superintendent, Executive Directors and Facilities Staff



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# STAKEHOLDER & COMMUNITY PROCESS

## ▾ Programs Considered:

- ▾ High School Swim
- ▾ High School Water Polo
- ▾ City Program- Swim Lessons
- ▾ City Recreational Programs
- ▾ Outside Organization/Club Programs
- ▾ High School Physical Education
- ▾ Master Swim and Water Polo (Club)



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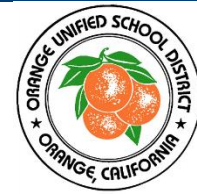


# STAKEHOLDER SUMMARY

ITEM	DESCRIPTION	POOL'	POOL SIZE	STAKEHOLDER
	<b>REQUIREMENTS</b>			
1	Swim meets need 10 deep water lanes for large swim meet	72'	25-Meters	Swim Coaches, Athletic Directors
2	Swim meets need 4-6 lanes for warm-ups	42'	35-Meters	Swim Coaches, Athletic Directors
3	Total swim meet number of lanes is 16	114'	35-Meters	Swim Coaches, Athletic Directors, Boosters, ORCA
4	Swim Practice needs 16 lanes for simultaneous swim <i>(teams could be total 80-100 students)</i>	114'	35-Meters	Swim Coaches, Athletic Directors, ORCA
5	Water Polo match requires 25-yard floating goal field	86'	35-Meters	Water Polo Coaches, ORCA, Booster Parents
6	Water Polo practice requires two wall goal fields <i>(teams could be 40 men and 40 women)</i>	94'	35-Meters	Water Polo Coaches, ORCA, Booster Parents
7	P.E. requires a minimum 2 lanes of shallow water which fits within the practice lanes for swim meets <i>(60-70 students per class with 20% that need shallow water)</i>	14'	35-Meters	Athletic Director, PE Teachers/Swim Coaches



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# Option 1

## Existing Site

### 25-Meter Pool

### NEW 1500 Sq. Ft. Bathhouse

### Keep Existing Mechanical Room





# 25-Meter

<b>Construction:</b>		
Pool Construction	\$	2,250,000
DSA (Bathhouse and Lighting)	\$	750,000
<b>Mandatory Soft Costs:</b>		
Design	\$	250,000
DSA Fees, Inspection and Testing	\$	200,000
Contingency (Estimated 10%)	\$	300,000
<b>Value Engineering:</b>		
Pool Mechanical Equipment		
<b>Other Features:</b>		
Bleachers	\$	100,000
Scoreboard	\$	20,000
Shade Structures	\$	80,000
<b>TOTAL COST</b>	<b>\$</b>	<b>3,950,000</b>
<b>Not Included:</b>		
Construction Management		\$250,000
<b>Projected Project Costs</b>		<b>\$4,200,000</b>



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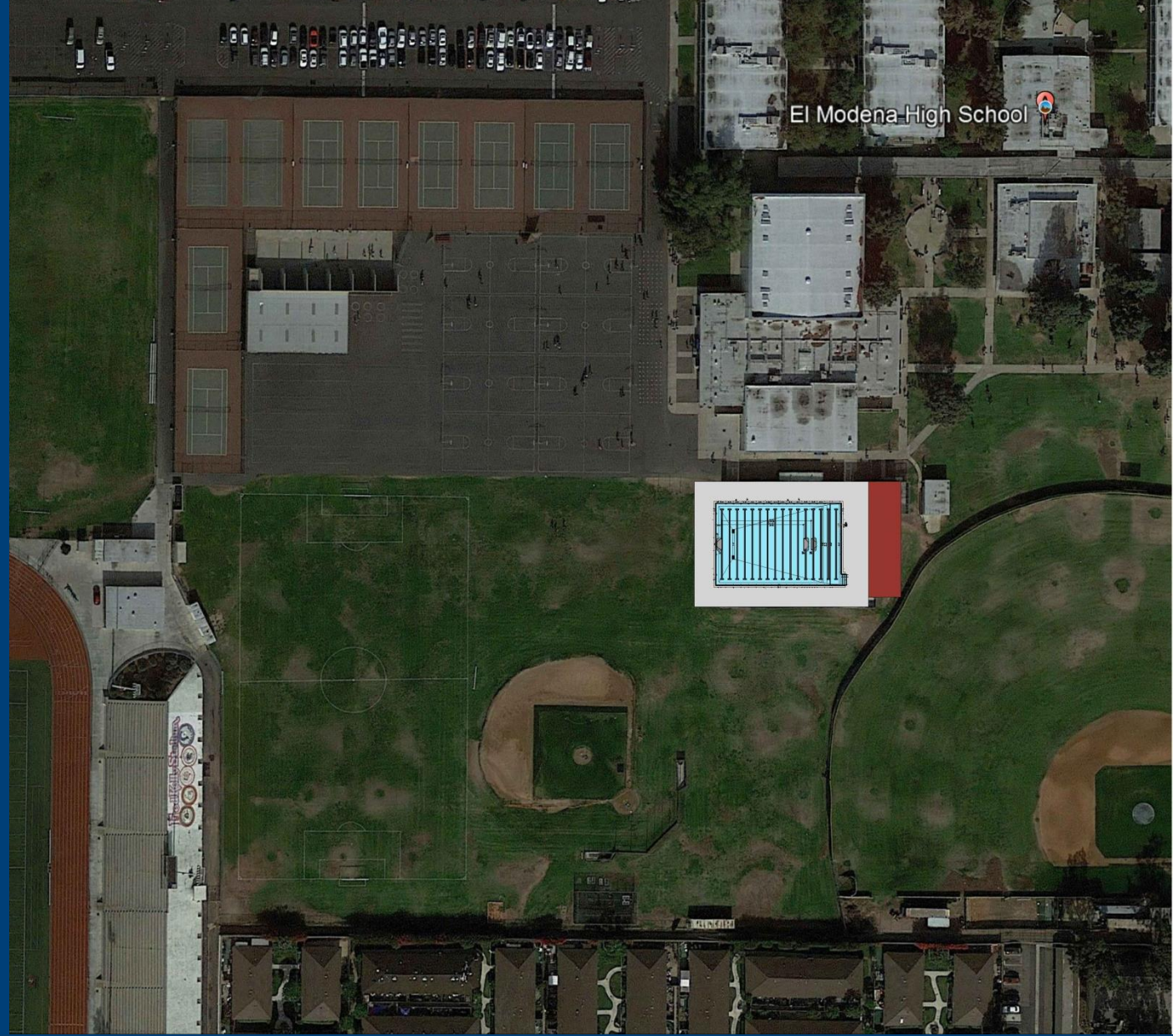


# Option 2

Existing Site

30-Meter Pool

NEW Bathhouse  
& Mechanical  
Building



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# 30-Meter

<b>Construction:</b>	
Pool Construction	\$ 3,200,000
DSA (Bathhouse and Lighting)	\$ 1,600,000
<b>Mandatory Soft Costs:</b>	
Design	\$250,000
DSA Fees, Inspection and Testing	\$200,000
Contingency (Estimated 10%)	\$440,000
<b>Value Engineering:</b>	
Pool Mechanical Equipment	(\$300,000.00)
<b>Other Features:</b>	
Bleachers	\$ 100,000
Scoreboard	\$ 20,000
Shade Structures	\$ 80,000
<b>TOTAL COST</b>	<b>\$ 5,590,000</b>
<b>Not Included:</b>	
Construction Management	\$250,000
<b>Projected Project Costs</b>	<b>\$5,840,000</b>



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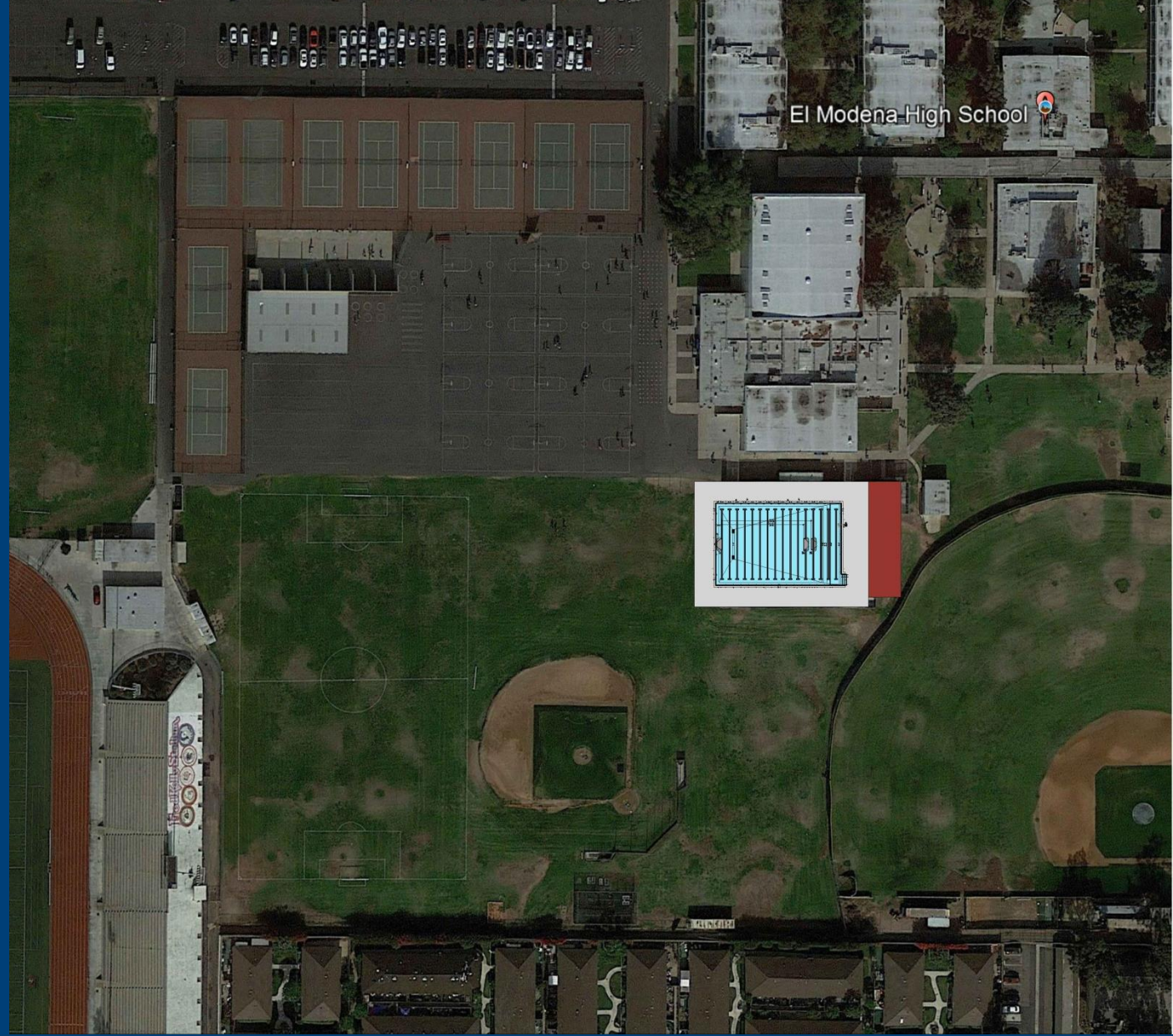


# Option 3

Existing Site

35-Meter Pool

NEW 3600 Sq. Ft.  
Bathhouse &  
Mechanical  
Building



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# 35-Meter

<b>Construction:</b>	
Pool Construction	\$ 3,700,000
DSA (Bathhouse and Lighting)	\$ 1,700,000
<b>Mandatory Soft Costs:</b>	
Design	\$250,000
DSA Fees, Inspection and Testing	\$200,000
Contingency (Estimated 10%)	\$500,000
<b>Value Engineering:</b>	
Pool Mechanical Equipment	(\$300,000.00)
<b>Other Features:</b>	
Bleachers	\$ 100,000
Scoreboard	\$ 20,000
Shade Structures	\$ 80,000
<b>TOTAL COST</b>	<b>\$6,250,000</b>
<b>Not Included:</b>	
Construction Management	\$250,000
<b>Projected Project Costs</b>	<b>\$6,500,000</b>



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**Thank You !**