

# **San Rafael City Schools**

## ***Swimming Pool Modernization Presentation***

***January 31, 2023***

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**and**

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# San Rafael City Schools Pool Tour



Marin Academy



Tamalpais High



College of Marin

# Pool Survey Results

RATING	MEAN AVERAGE	1.0 COMPETITIVE PROGRAMS
5s	None	None
4s	4.3 4	Short Course (25-yard) Swimming Floating Goal 25-Yard Water Polo Field of Play
3s	3.8 3.8 3.5 3.5 3.5 3.3 3.2 3.1	Long Course (50-meter) Swimming Floating Goal 25-Meter Water Polo Field of Play Physical Education Classes Deep Water Physical Education Classes Shallow Water Springboard 1-Meter Diving Short Course (25-Meter) Swimming Wall Goal Water Polo Field of Play Springboard 3-Meter Diving
2s	None	None
1s	None	None
Write-Ins	5 5 5	Deep Water for Water Polo Field of Play Moveable Blocks 7' Minimum Deep Water for Water Polo Field of Play



# Pool Survey Results

RATING	MEAN AVERAGE	2.0 INSTRUCTIONAL PROGRAMS
5s	None	None
4s	None	None
3s	3.5	Age Group Lessons
2s	2.8 2.8 2.2	Disabled and Special Needs Water Safety / Red Cross Certification Water Aerobics / Water Walking
1s	1.7	Scuba Certification
Write-Ins	4.7	Club Water Polo

RATING	MEAN AVERAGE	3.0 RECREATION PROGRAMS
5s	None	None
4s	None	None
3s	3.5 3.5	Masters Swimming Lap / Fitness Swimming
2s	2.8 2	Open Recreation Swimming Water Games (water volleyball / basketball)
1s	1.5 1.5	Waterslide(s) Wet Playground
Write-Ins	5 5	Masters Water Polo Learn-to-Swim Program

# Pool Survey Results

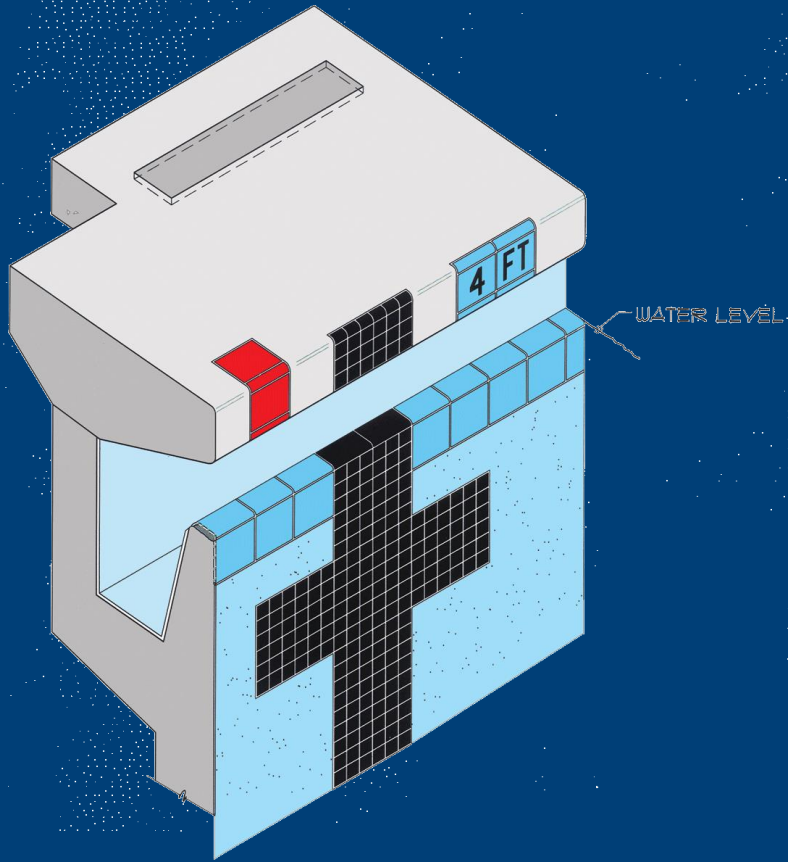
RATING	MEAN AVERAGE	4.0 BUILDING INFRASTRUCTURE
5s	None	None
4s	4.8 4.5 4	Site Lighting Scoreboard Timing System Spectator Seating
3s	3.4 3.4 3	Shade Public Address System Family / Disabled Changing Room (s)
2s	2.5 2.4 2	Community Use Lockers Food Concession Community Use Meeting Room (s)
1s	None	None
Write-Ins	5 5 4.5 None	Top Notch Heating and Filter Systems Team Locker Rooms Bathrooms / Locker Rooms Proper Sizes for Restrooms / Showers / Changing Rooms

# Typical Area High School Programs

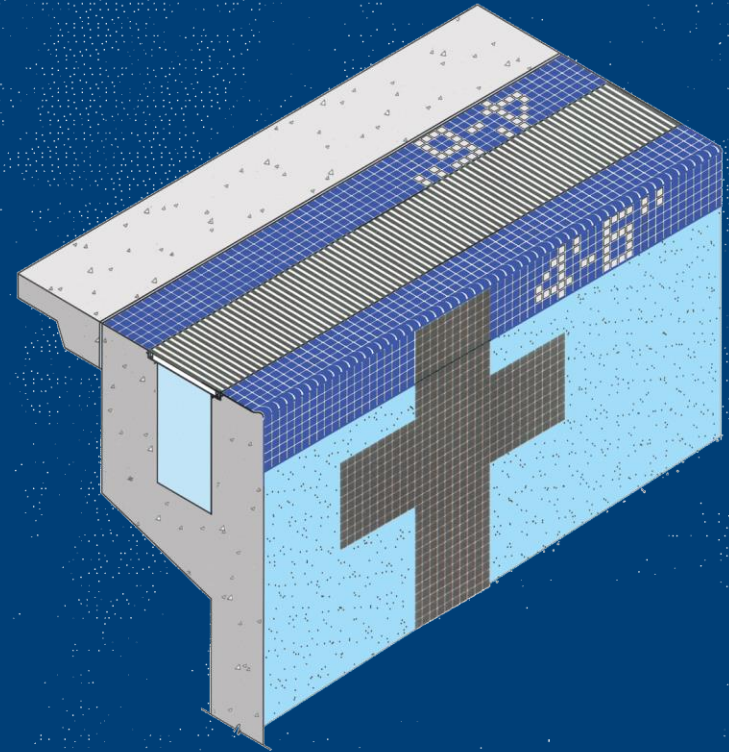
- 💧 Competitive Swimming
- 💧 Water Polo
- 💧 Physical Education
- 💧 Local Swim Teams
- 💧 Community Uses

# Pool Design Considerations

- 💧 Pool Size
- 💧 Water Depths
- 💧 Gutter Configuration
- 💧 Deck Area Requirements
- 💧 Outdoor Storage Spaces
- 💧 Indoor Storage Spaces
- 💧 Ancillary Buildings Code Requirement of Bathrooms within 300-feet of Pool



*Cantilever Gutter*



*Rim-Flow Gutter*



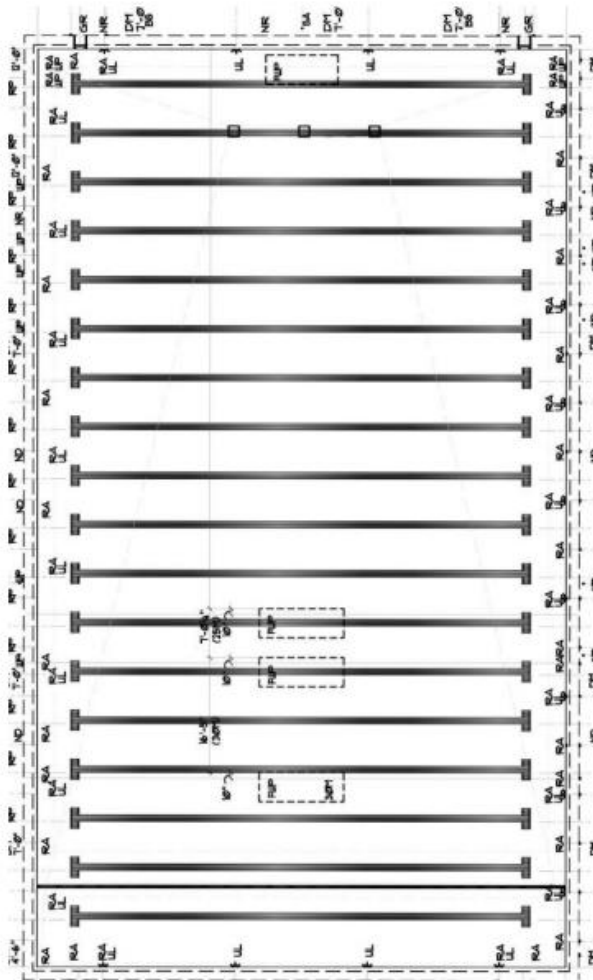
<b>FEATURE</b>	<b>33-Meter</b>	<b>35-Meter</b>	<b>40-Meter</b>	<b>50-Meter</b>
Length	108'	115'	131'	164'
Surface Area (Sq. Ft.)	8,118	8,669	9,900	12,350
Number of 7' Lanes	15	16	18	23
Max Swimmers 7' Lanes	90	96	108	138
Number of 8' Lanes	13	14	16	20
Max Swimmers 8' Lanes	78	84	96	120
Maximum Occupancy	405	433	495	617
Wall Goal H <sub>2</sub> O Polo	1	2	2	3
Shallow Water 3.5' – 4.5'	10'	10' – 17'	10' – 43'	10' – 66'

**33-M Pool Annual Utility Operating Cost \$ 176,000**

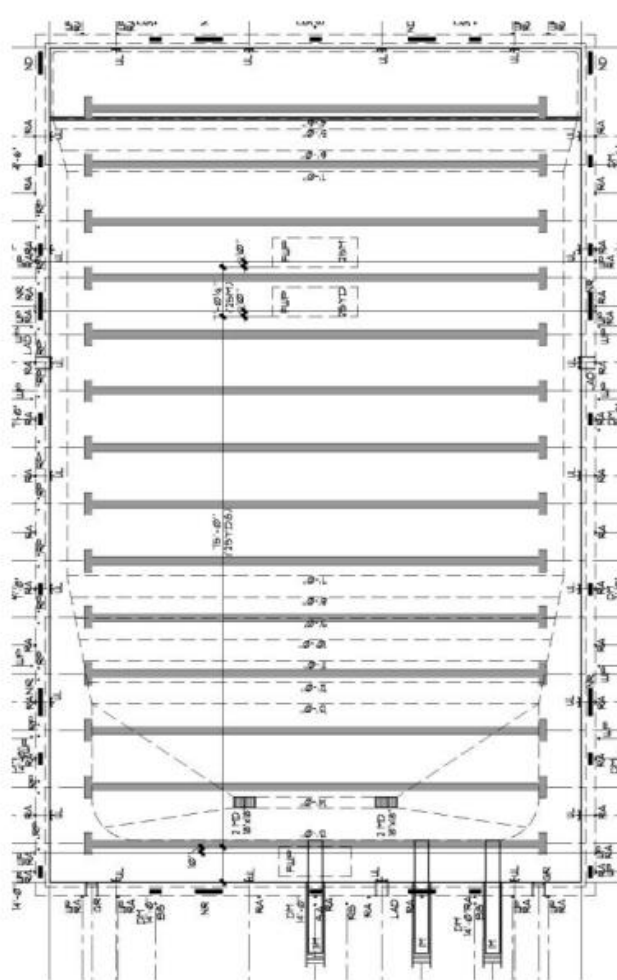
**35-M Pool Annual Utility Operating Cost \$ 185,000**

**40-M Pool Annual Utility Operating Cost \$ 215,000**

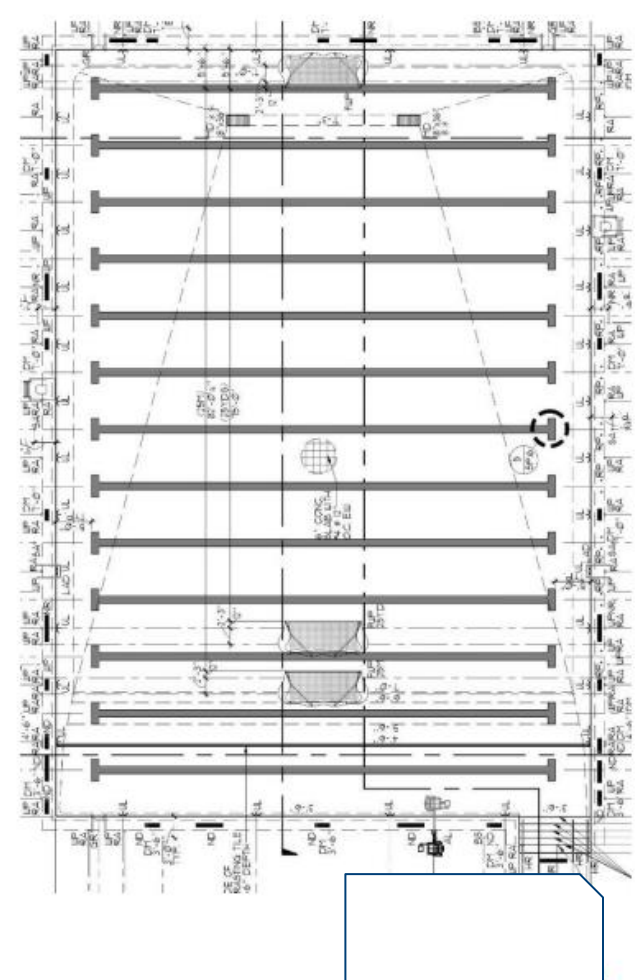
**50-M Pool Annual Utility Operating Cost \$ 265,000**



40-Meter  
171' Footprint



35-Meter  
155' Footprint



33-Meter  
148' Footprint

# Terra Linda High School Swimming Pool



Pool Deck 140' x 100' Maximum Pool Size 33-Meters  
Footprint from building to face of other building 181'

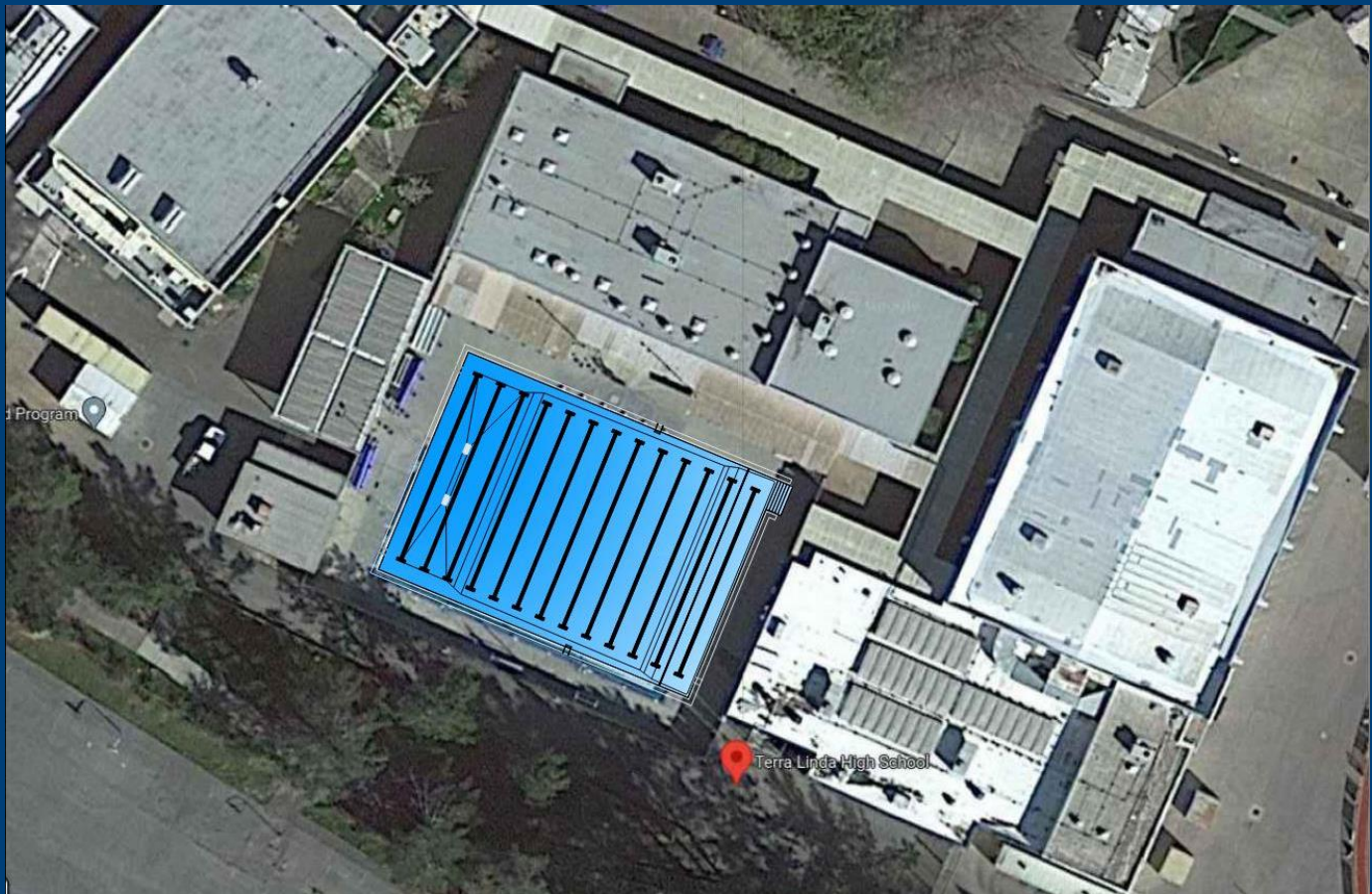


# San Rafael High School Swimming Pool



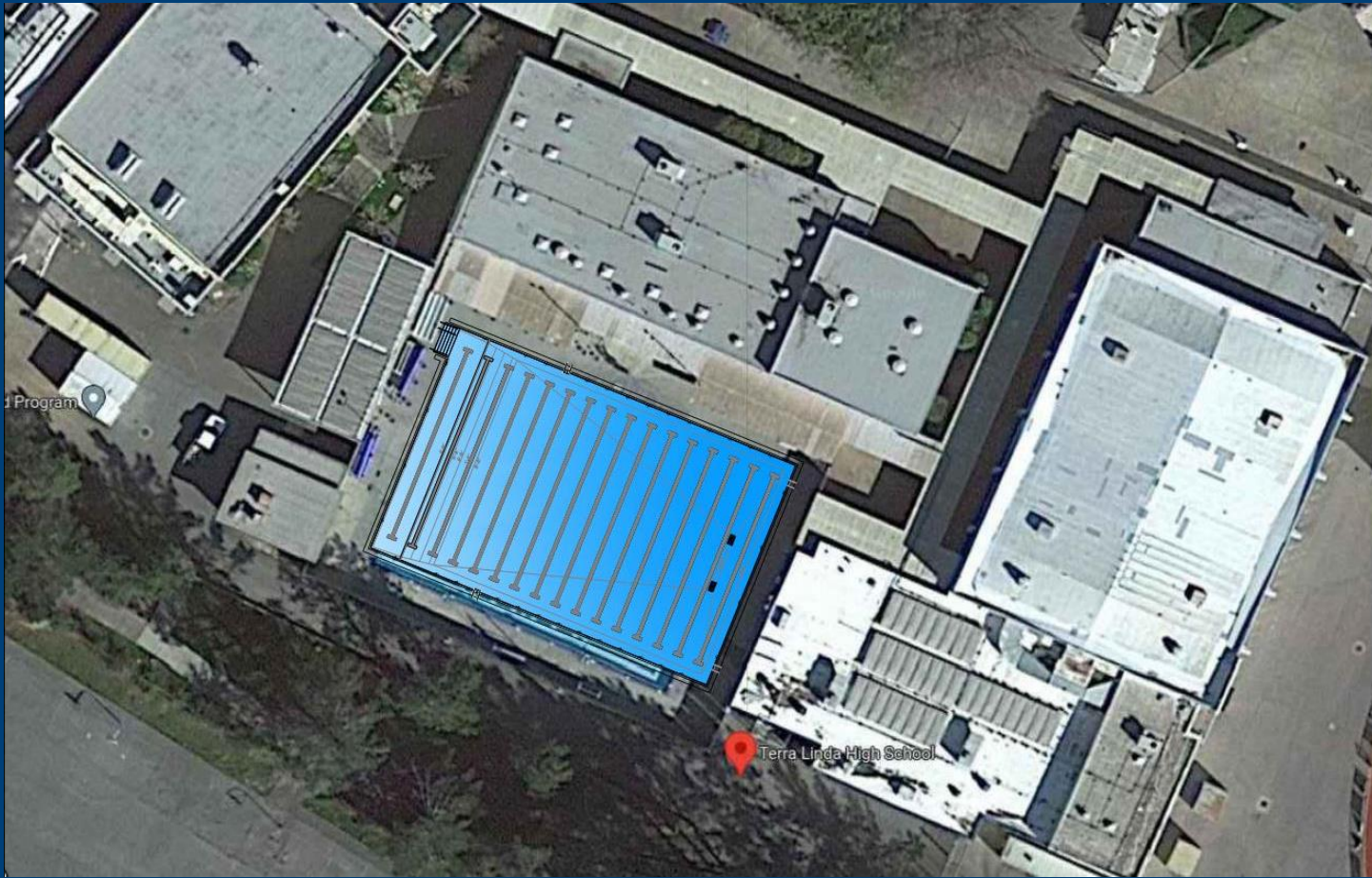
Pool Deck 116' x 114' Maximum Pool Perpendicular Size 40-Meters  
Footprint from building to edge of track 191'

# Terra Linda High School 33-Meter Swimming Pool





# Terra Linda High School 35-Meter Swimming Pool

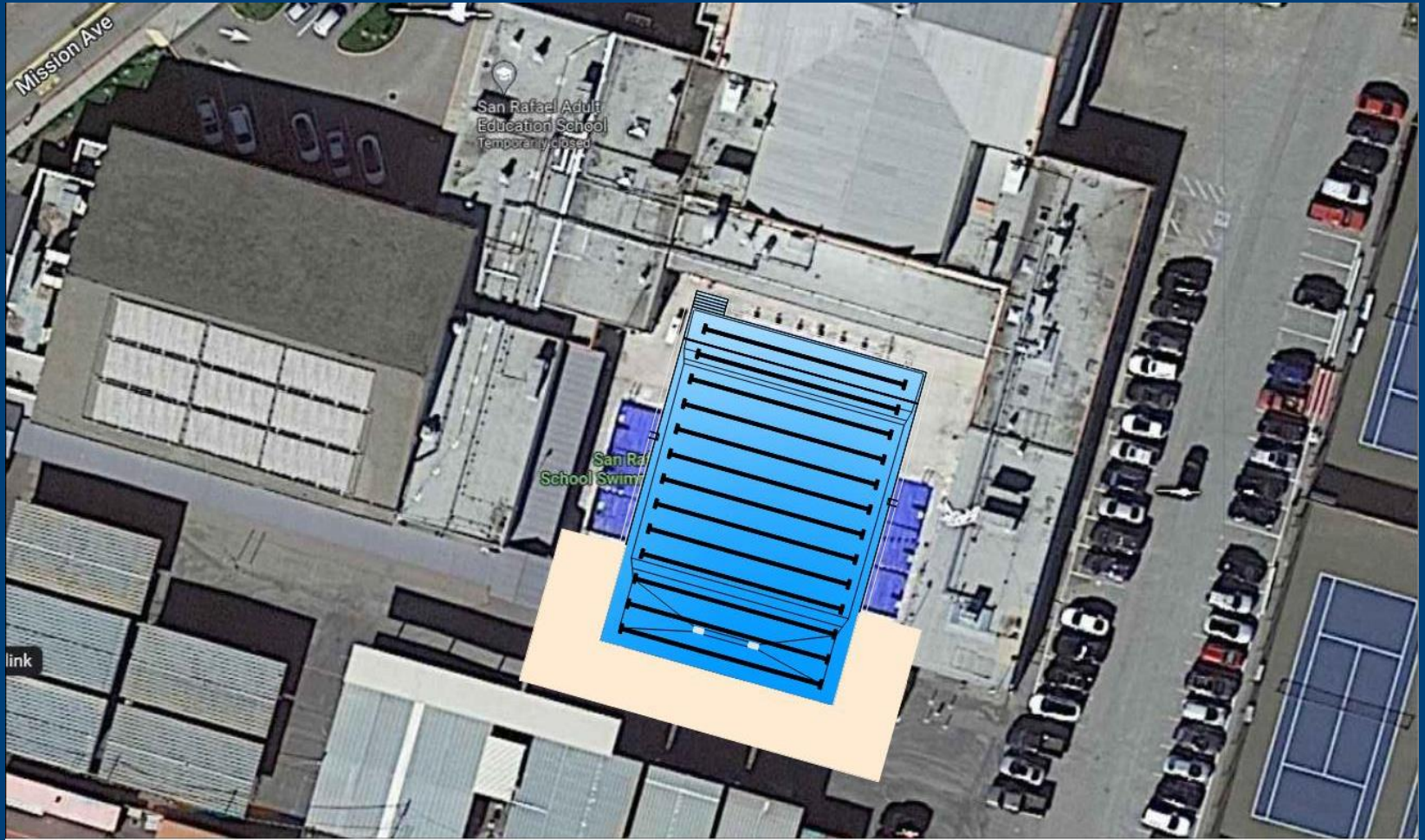


# Terra Linda High School 40-Meter Swimming Pool



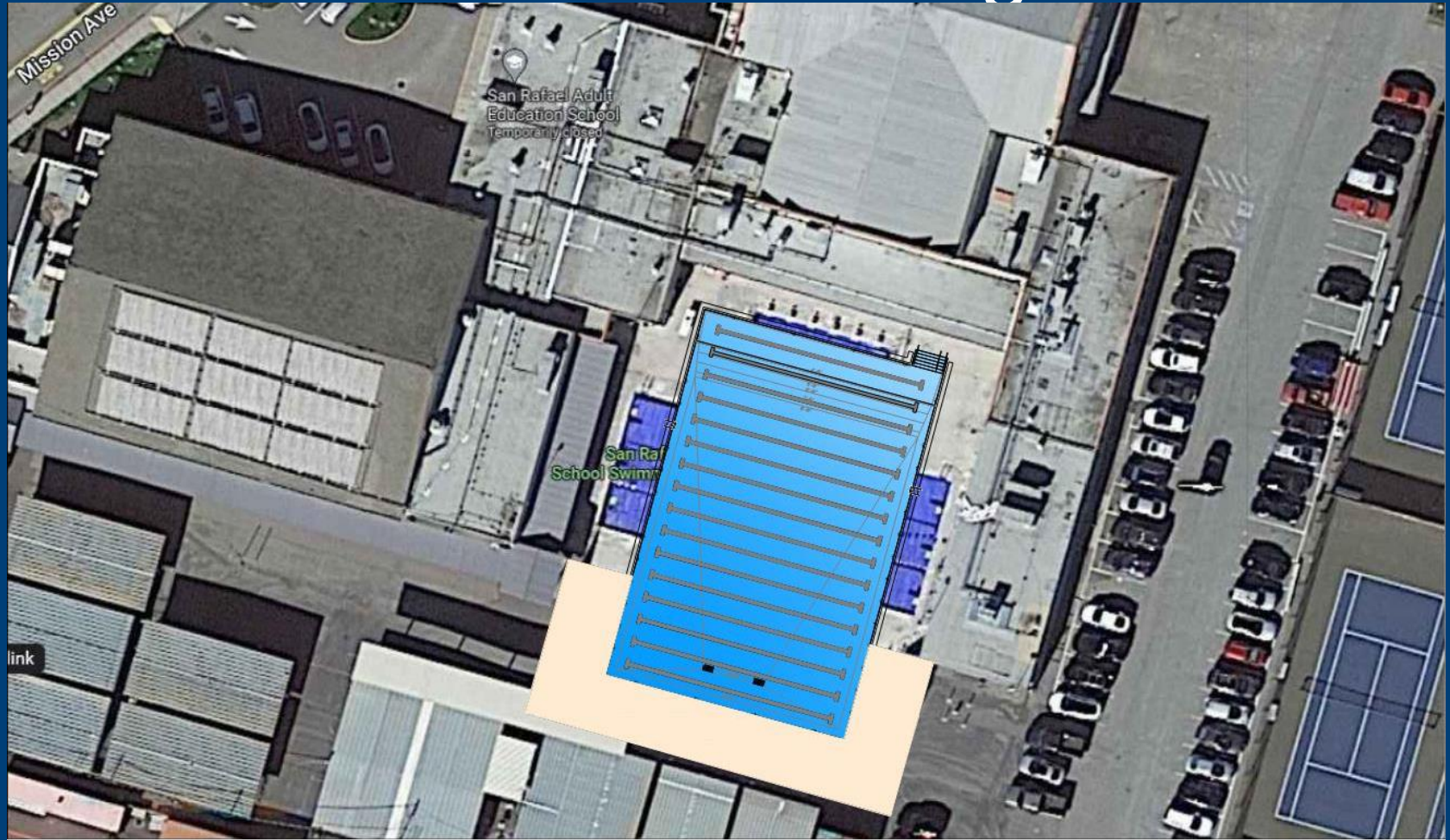


# San Rafael High School 33-Meter Swimming Pool



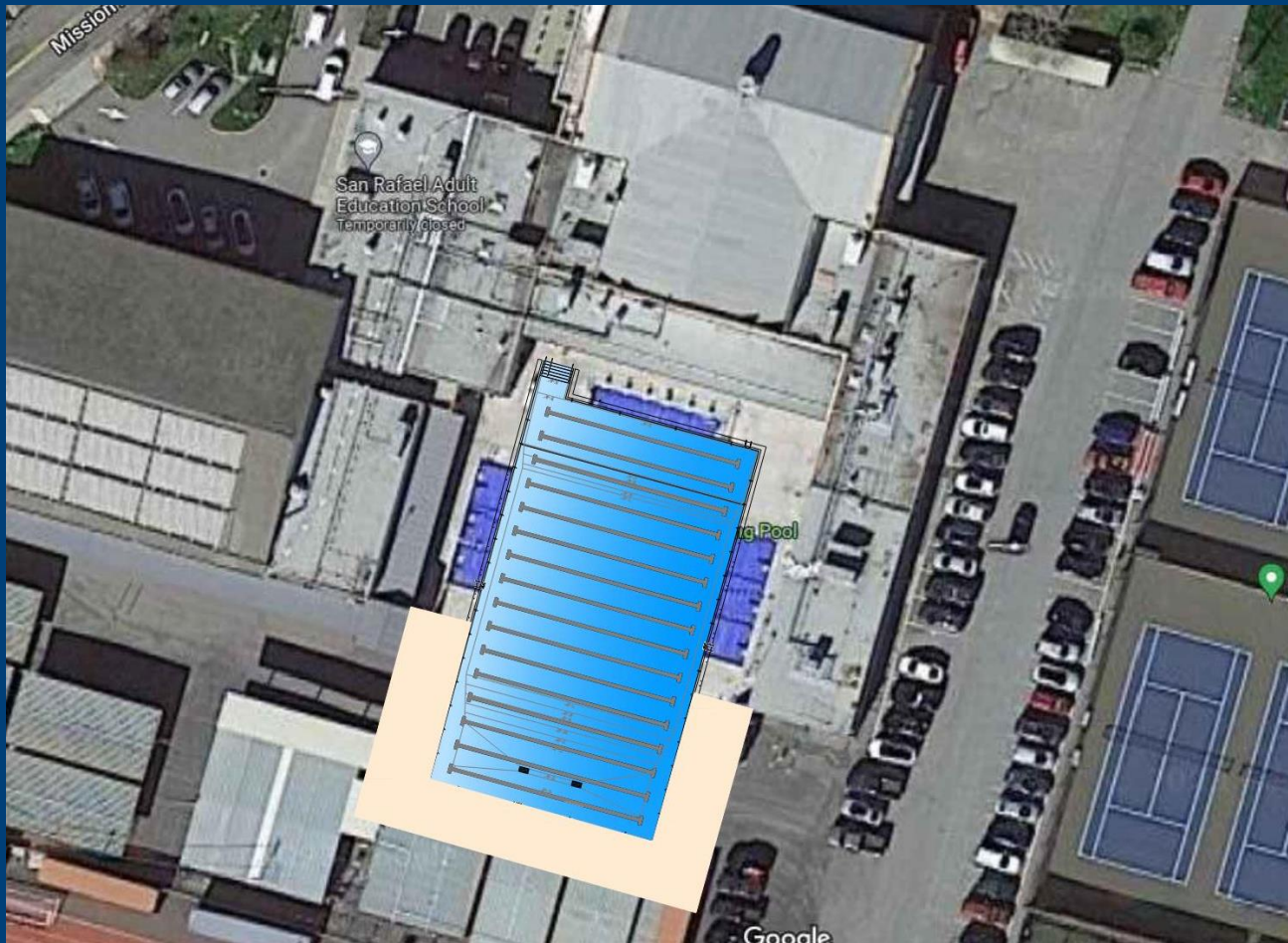


# San Rafael High School 35-Meter Swimming Pool





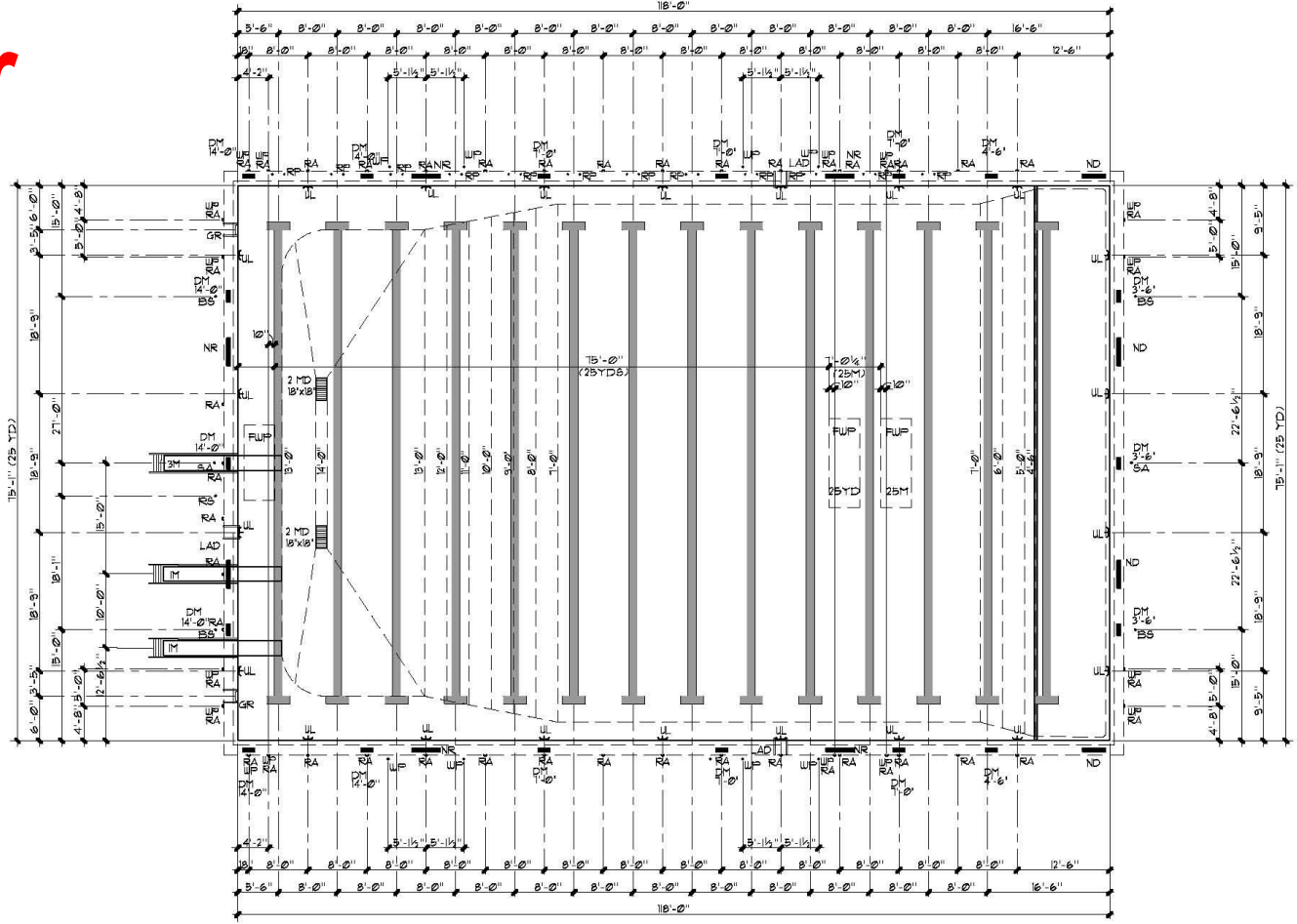
# San Rafael High School 40-Meter Swimming Pool



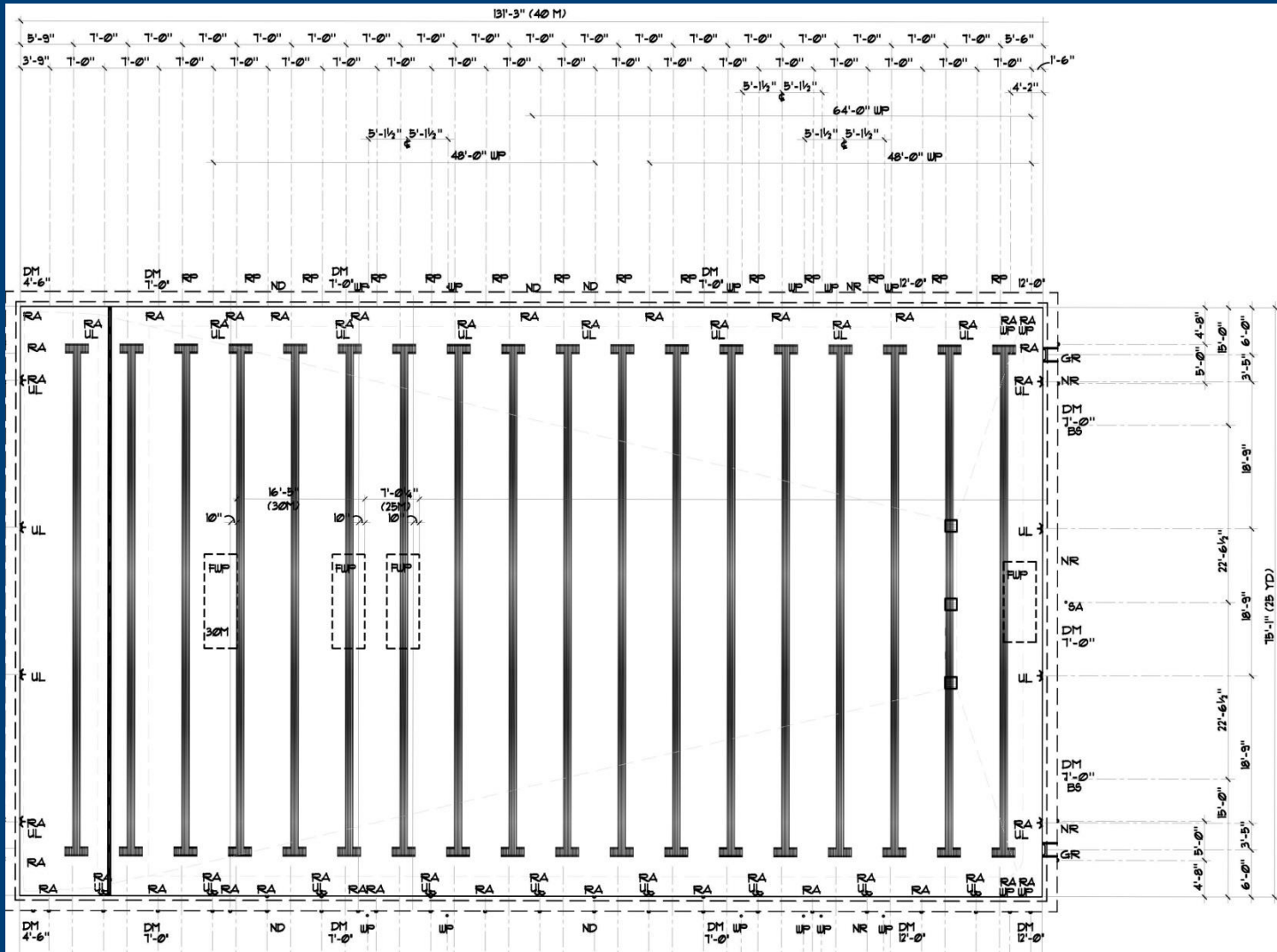




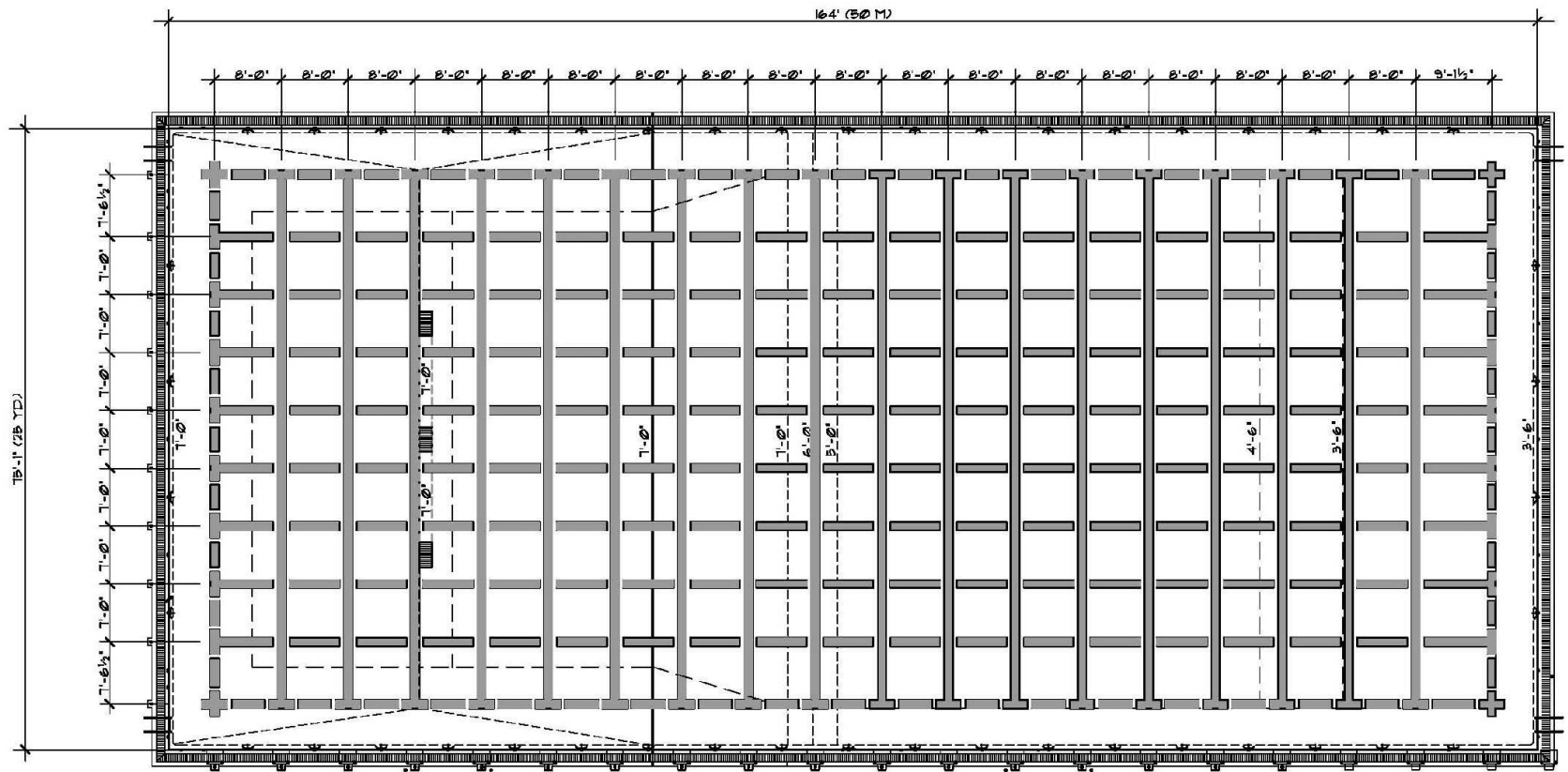
# 35-Meter



# 40-Meter



# 50-Meter







**Thank You !**