

Malibu Middle School Phase 2

FDAC Update

July 30, 2024



LPA

agenda

MASTERPLAN – PHASE 3 CONSIDERATIONS

OVERALL SITE STRATEGIES – GRADING / CIRCULATION / ACCESS / FIRE

DESIGN UPDATES – PRELIMINARY FLOOR PLAN, CONCEPT, 3D

- AQUATICS CENTER
- MIDDLE SCHOOL HUB
- GYM

campus plan | phase 2



High School

1. Classrooms / Student Support Services / Administrative and Campus Support (Phase 1)
2. Building J – New Gymnasium (existing)
3. Building J – Old Gymnasium (existing)
4. Building J – Locker Rooms (existing)



Middle School

5. Building A/B – Administration / Library / Classrooms (existing)
6. Building E – Classrooms (existing)
7. Building F – Music (existing)
8. **Building D – Gymnasium / Fitness / PE**
9. **Student Activities / Food Service**



Shared Uses

9. **Living Skills and Campus Wellness Center**
10. Food Service & Auditorium Support
11. Auditorium
12. **Aquatics Center / Field House**



Other

13. Pool (existing)
14. Boys & Girls Club (existing)
15. Bus Barn – (existing)



campus plan | phase 3



High School

1. Classrooms / Student Support Services / Administrative and Campus Support (Phase 1)
2. **Gymnasium Lobby**
3. Building J – Gymnasium (existing)
4. **Weight Room & Dance**
5. **Locker Rooms / Athletic Sports Programs**



Middle School

6. Building A/B – Administration / Library / Classrooms (existing)
7. Building E – Classrooms (existing)
8. Building F – Music (existing)
9. Building D – Gymnasium / Fitness / PE (Phase 2)
10. Student Activities / Food Service (Phase 2)



Shared Uses

10. Living Skills and Campus Wellness Center (Phase 2)
11. **Theatre**
12. **Performing Arts (Music, Drama, Video Production)**
13. Aquatics Center / Field House (Phase 2)



Other

14. **Boys and Girls Club**
15. Bus Barn – (existing)
16. **Practice Field**
17. **Drop-Off (+23 stalls)**



campus plan | phase 3 option



High School

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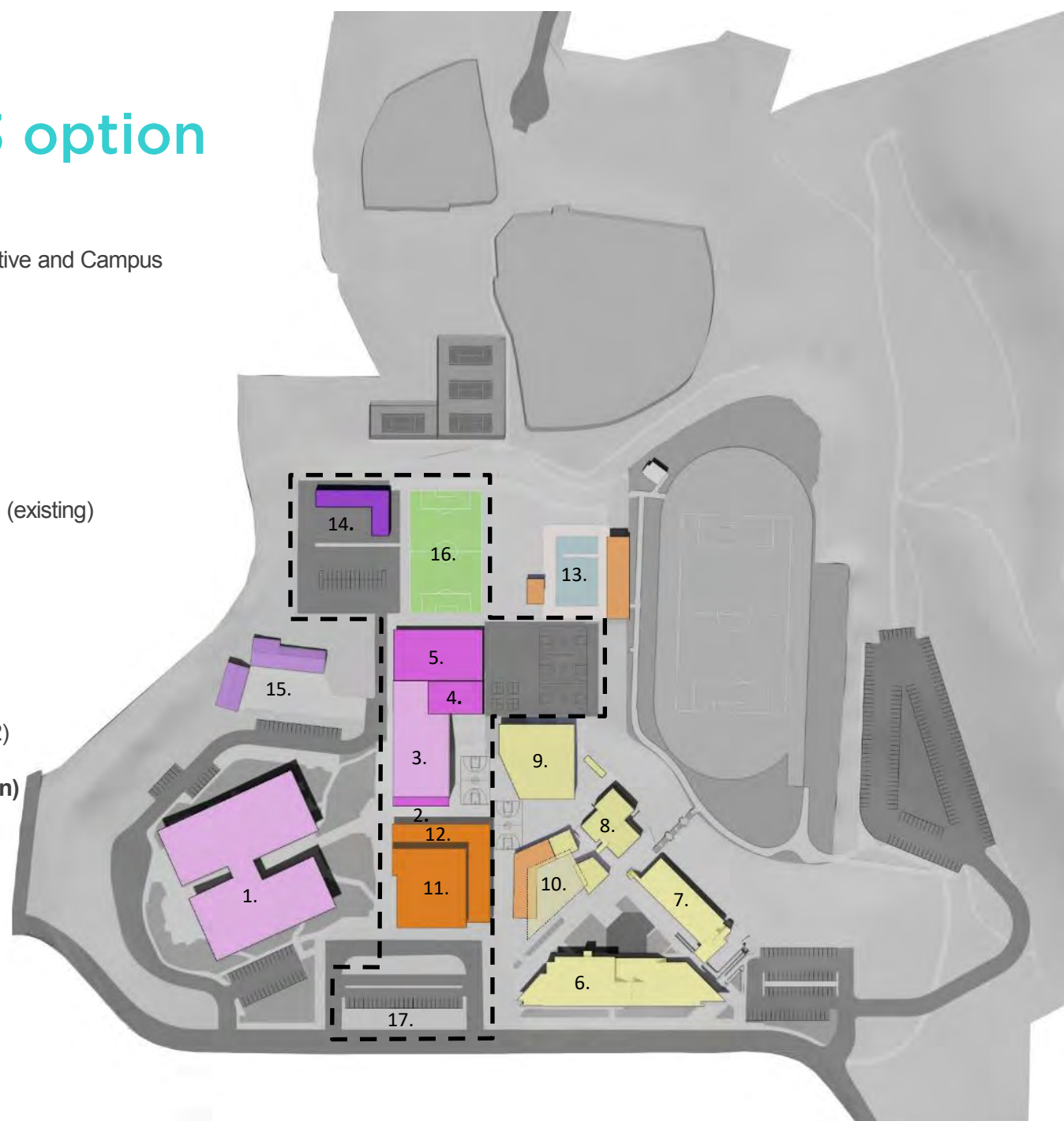
Shared Uses

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Other

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OVERALL SITE STRATEGIES



project goals

Human Experience

enhance interaction
with space & people

- *Respond to student behavior*
- Sense of belonging/identity
- Spark creativity/innovation

Wellness

support
physiological health

- Provide sense of safety/security
- *Foster connection with nature*
- Improve air quality/ventilation

Performance

reduce project
footprint

- *Reduce heat at outdoor spaces*
- Design for flexibility
- Strive for Net Zero Energy

Community

foster a positive
culture & healthy
relationships

- *Invite community inside*
- Walkability and transport access
- Embrace diversity

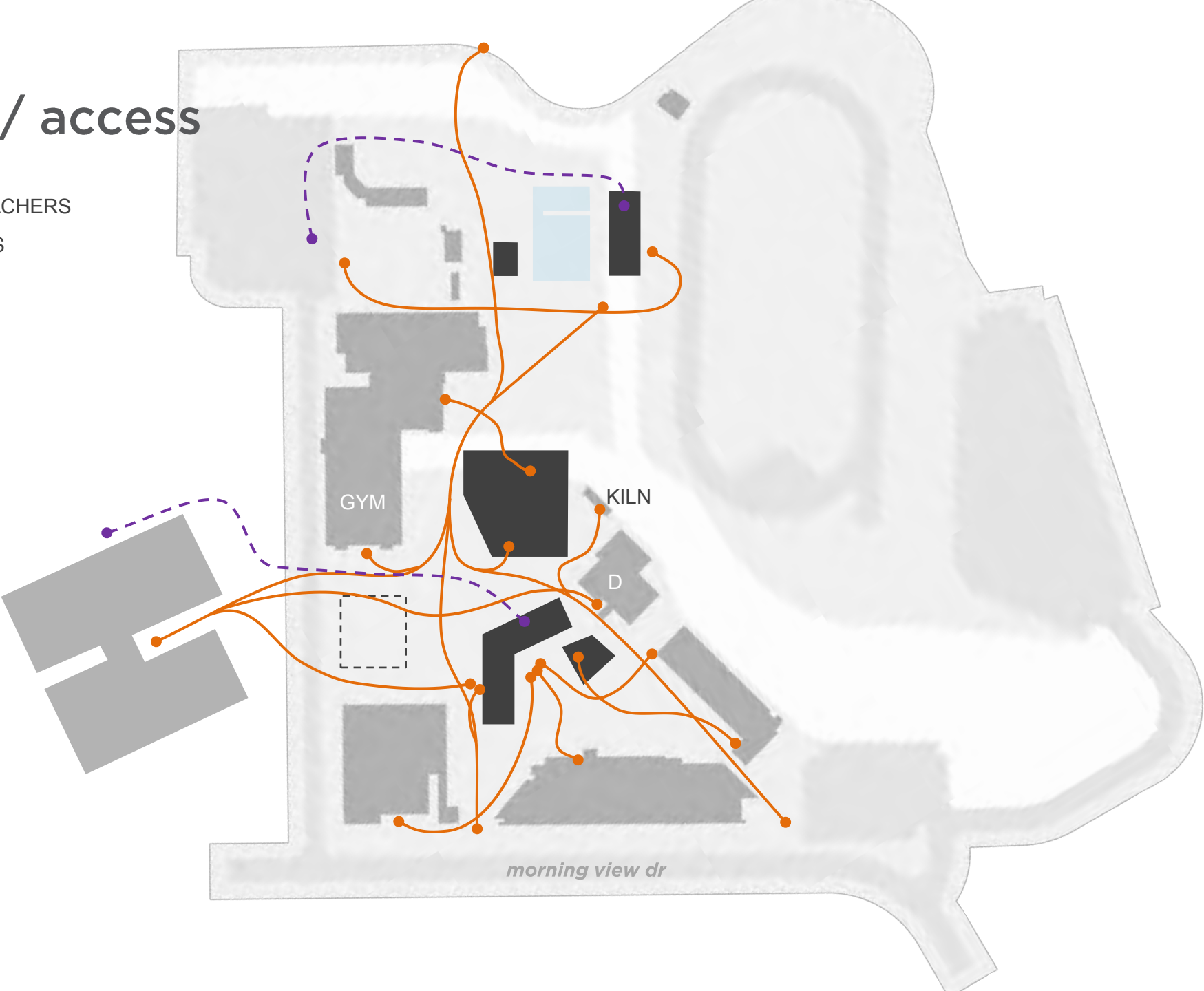
fire access

- FIRE LANE
- HOSE PULL



circulation / access

- — STUDENTS & TEACHERS
- - - - SERVICE ACCESS

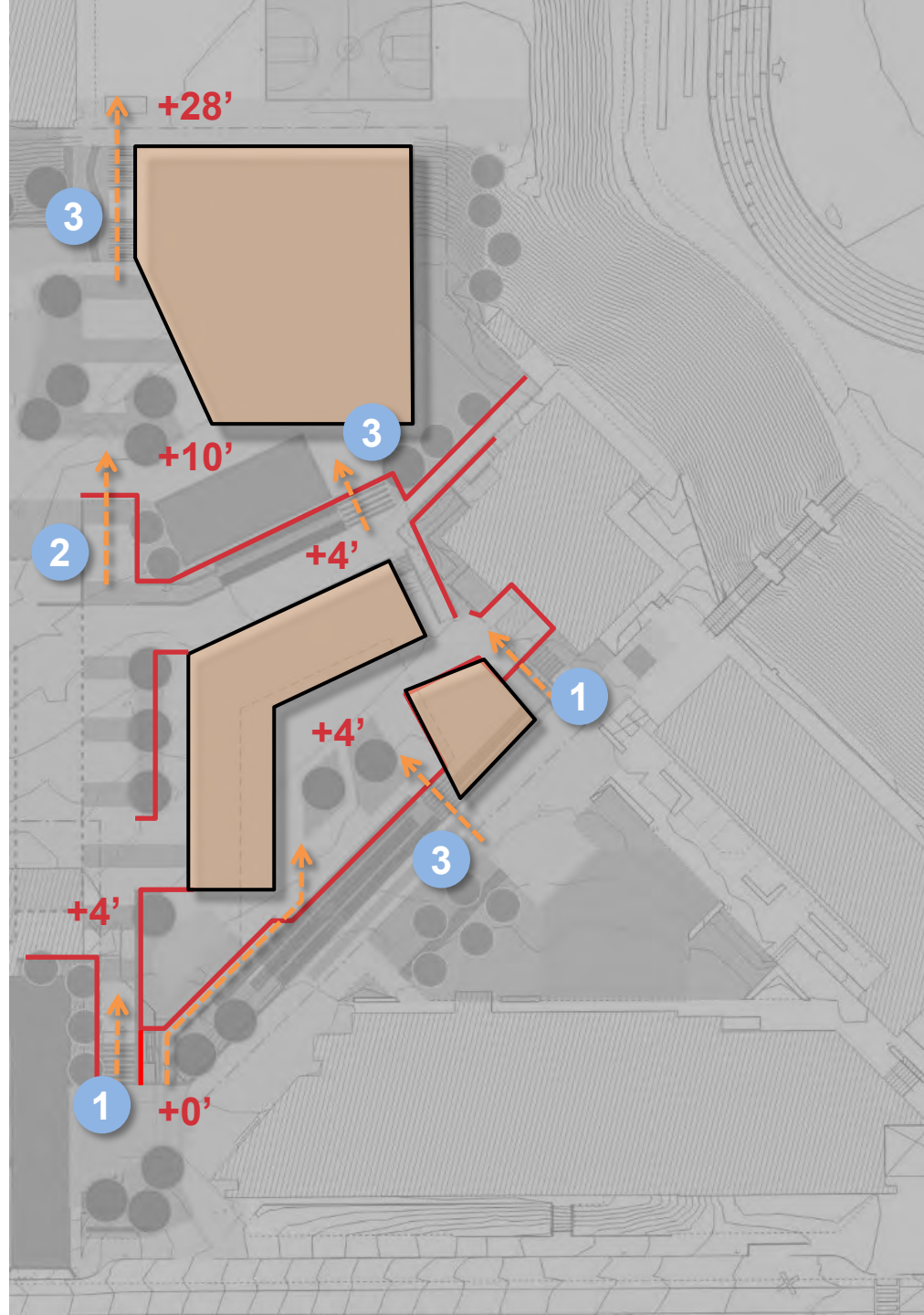


overall site



grading concept

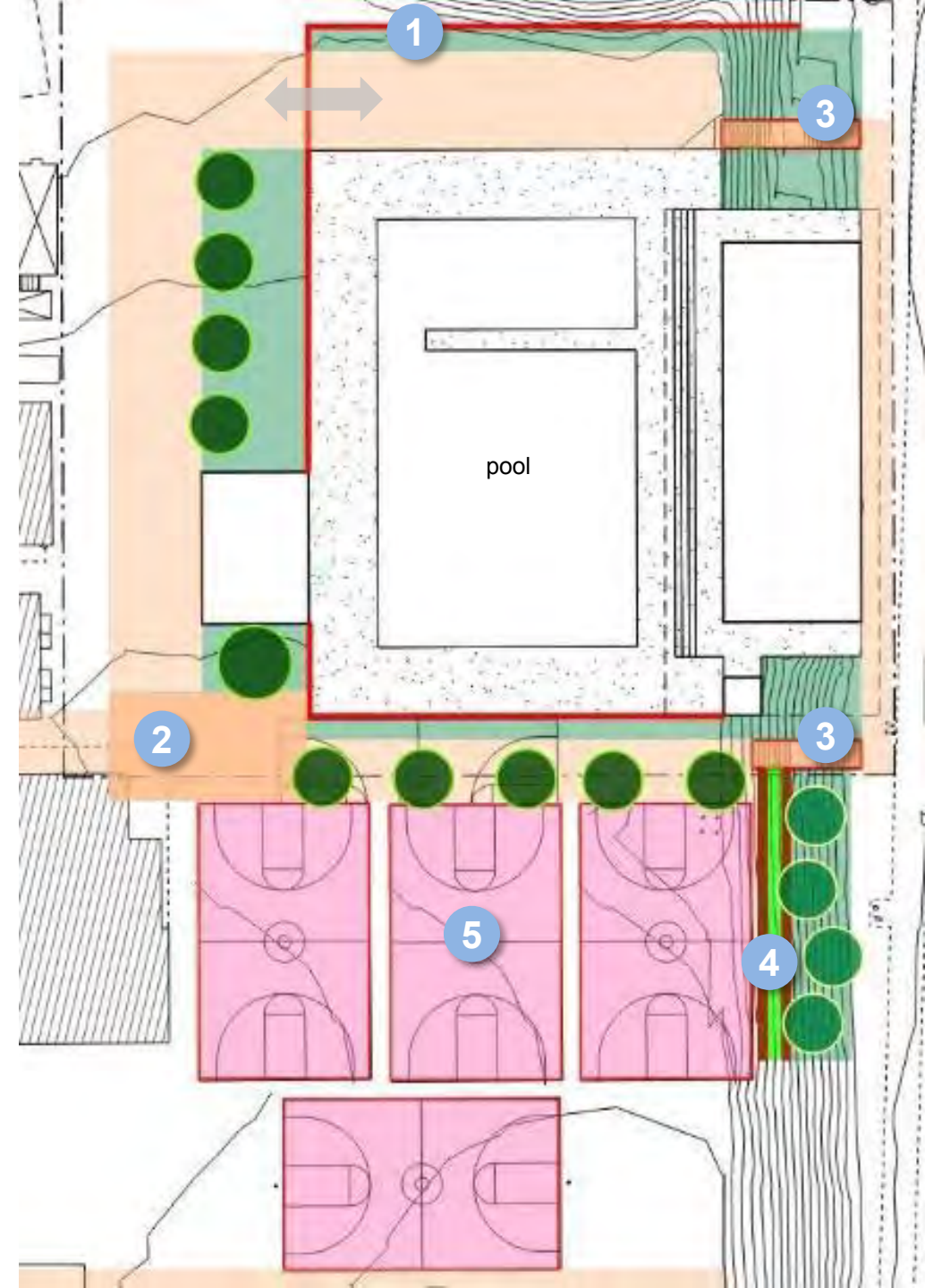
1. stair + ramp
2. ramp
3. stair



AQUATICS

aquatics | site

1. perimeter boundary wall/fence
2. athletic plaza
3. new access stairs
4. terraced seating into slope
5. (4) total BB courts – 1 new + north south orientation



pool | considerations & questions

Red Cross Certification

- 10'-0" depth required
- Q: Is this something the school or the City currently provides or would want to provide in the future?

Diving

- There are currently no competitive diving teams at any of the high schools
- The District does not want to incur the liability of diving
- Future Proofing Consideration: If Red Cross Certification is desired by the school or the City, a minimum 10'-0" depth pool is required at the swimming pool deep end. The cost to construct a 12'-0" depth pool versus a 10'-0" deep pool is negligible, making possible the potential for adding diving in the future if desired.

Pool Types

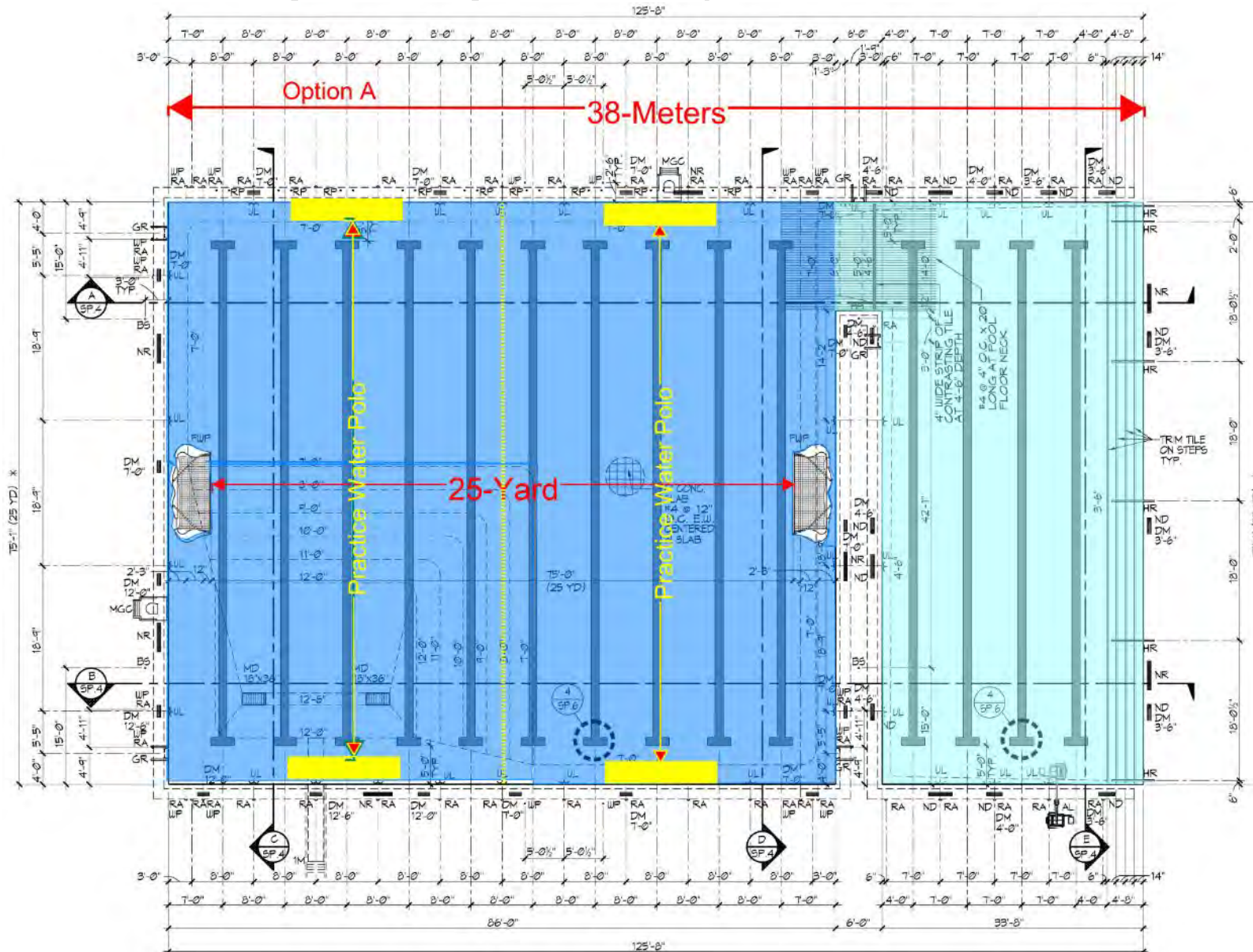
- Traditional
- Myrtha Pool

pool | considerations & questions

Lighting

- Practice
- Swimming vs Water Polo
- Community Use
- Dark Skys

38-meter pool option | plan view



FEATURES:

Swimming

- (14) 8'-0" wide Lanes = 84 swimmers practicing at one time
- (10) Deep Water Lanes services champion swim meets

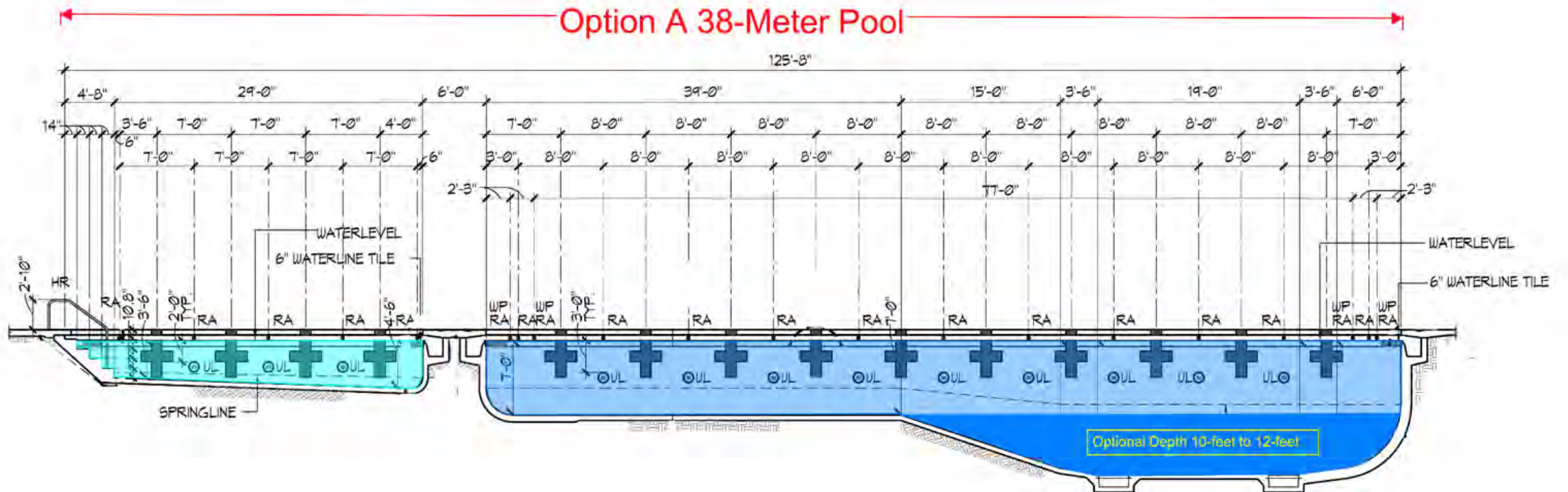
Water Polo

- 25yd Floating Water Polo Field of Play
- (2) 25yd x 45ft Water Polo Practice Fields

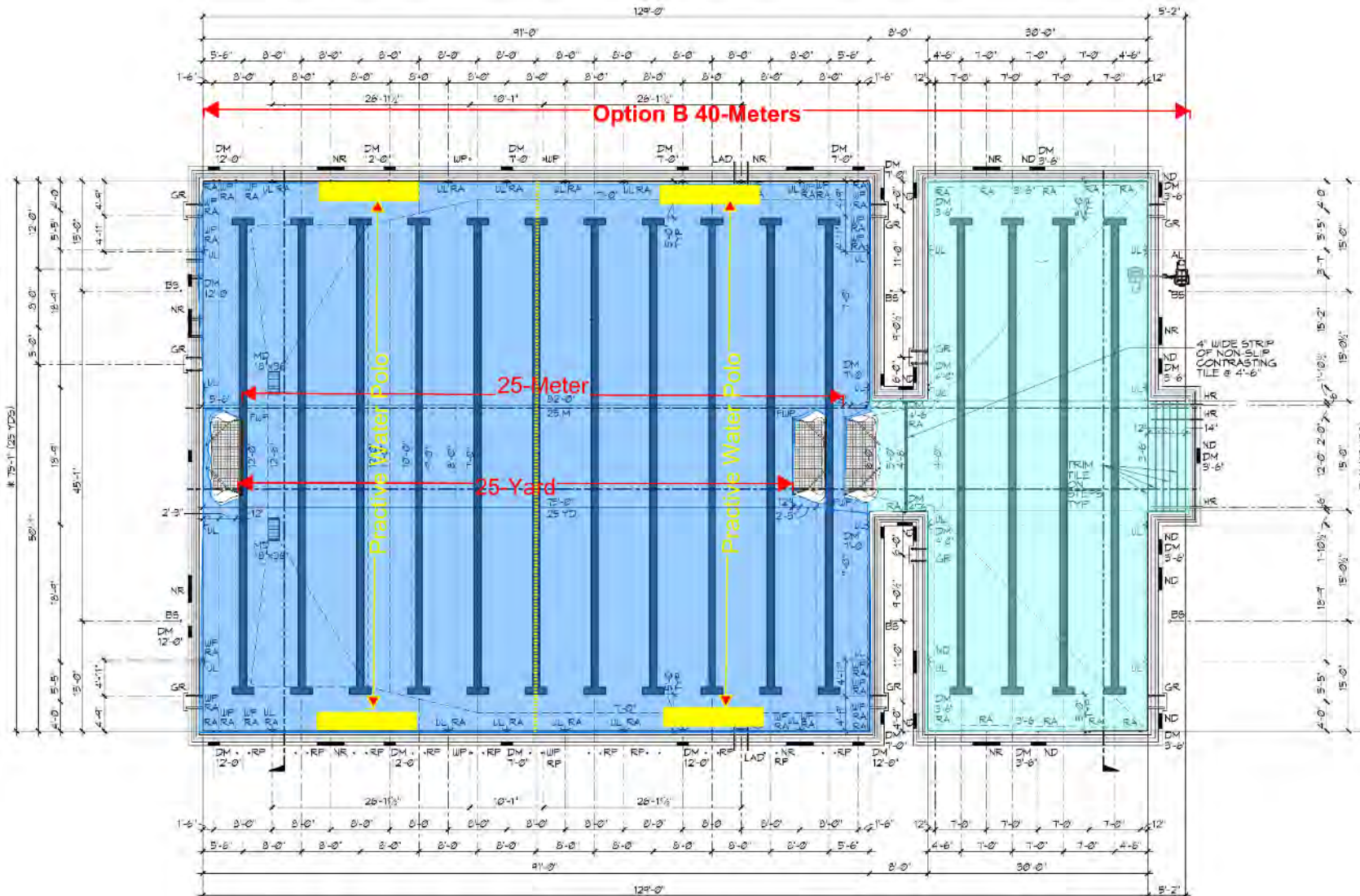
Shallow Water

- 2,525sf shallow water = 126 maximum occupancy
- Shallow water maximum 60 participants at one time

38-meter pool option | section view



40-meter pool option | plan view



FEATURES:

Swimming

- (15) 8'-0" wide Lanes = 90 swimmers practicing at one time
- (11) Deep Water Lanes services champion swim meets

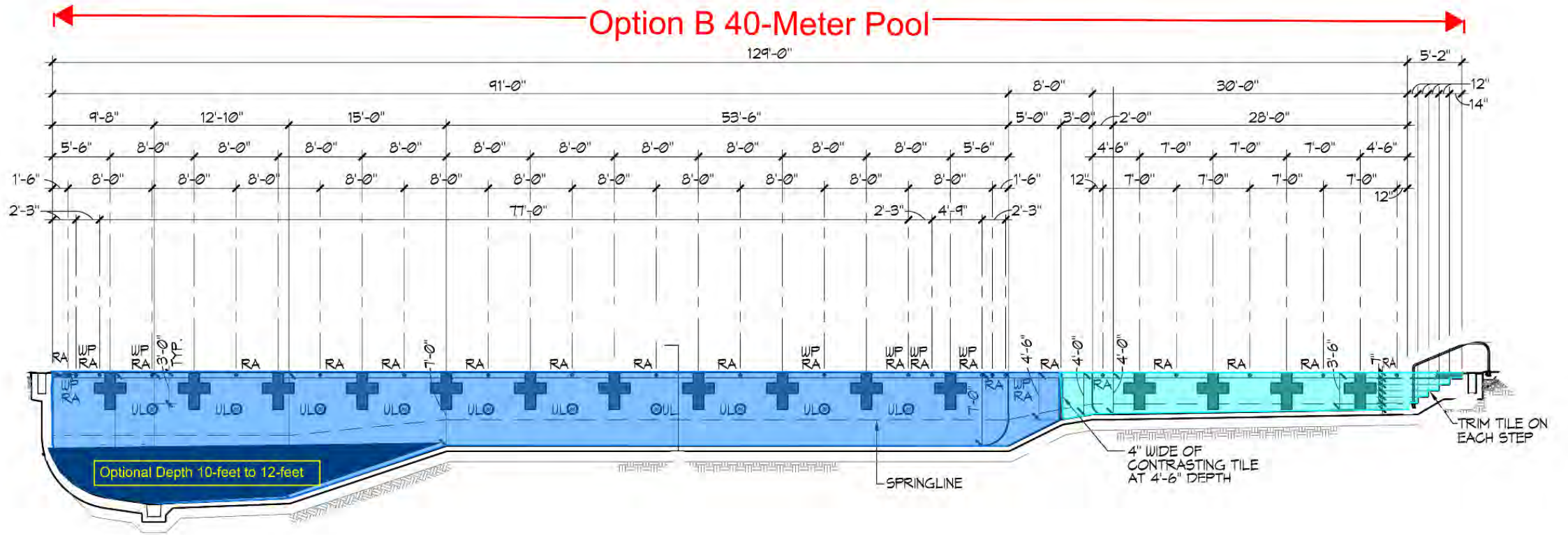
Water Polo

- 25yd & 25m Floating Water Polo Field of Play
- (2) 25yd x 45ft Water Polo Practice Fields

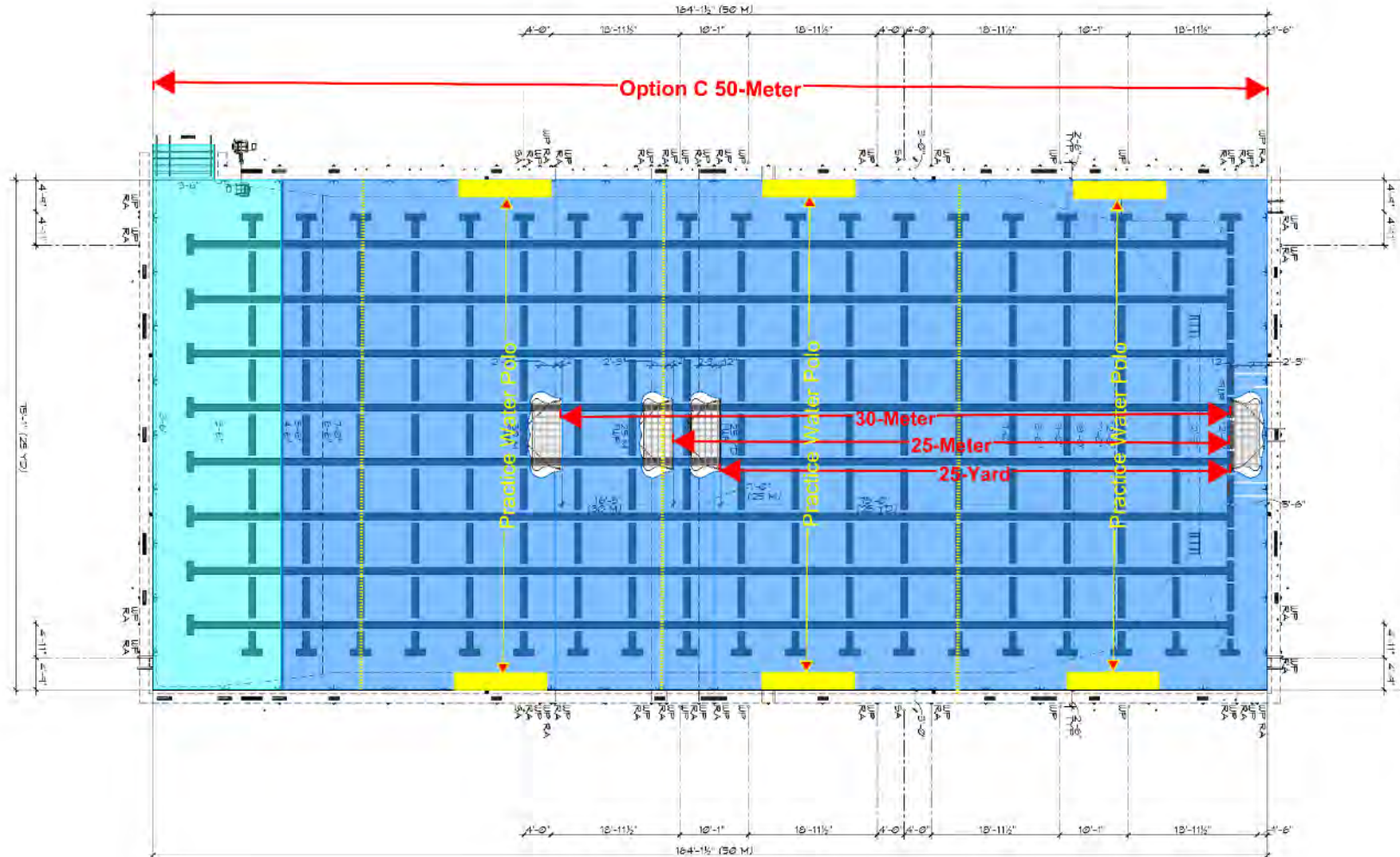
Shallow Water

- 2,325sf shallow water = 116 maximum occupancy
- Shallow water maximum 58 participants at one time

40-meter pool option | section view



50-meter pool option | plan view



FEATURES:

Swimming

- (19) 8'-0" wide Lanes = 114 swimmers practicing at one time
- (18) Deep Water Lanes services champion swim meets

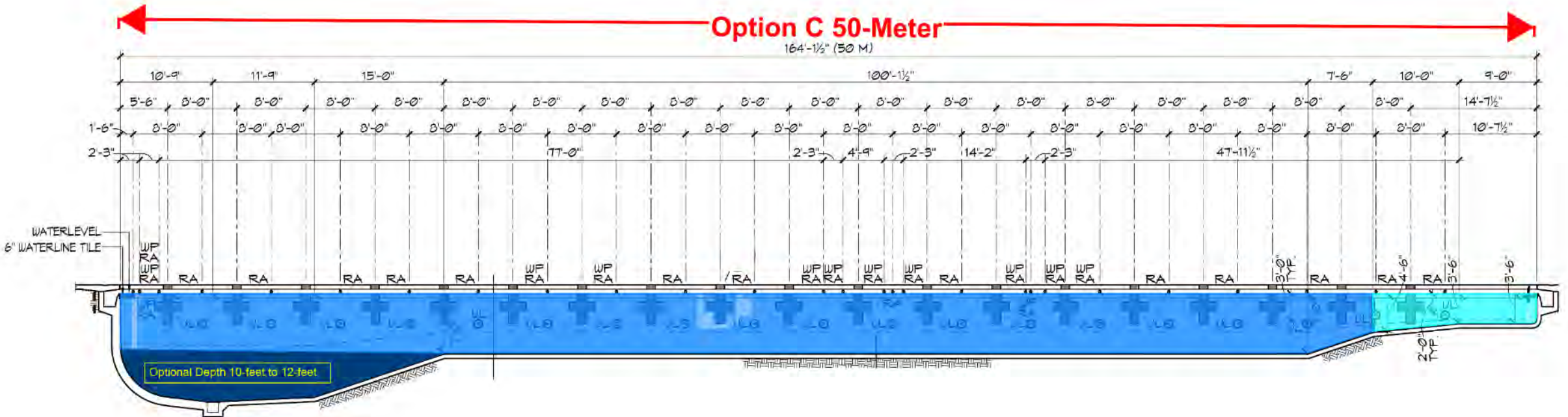
Water Polo

- 25yd, 25m & 30m Floating Water Polo Field of Play
- (3) 25yd x 45ft Water Polo Practice Fields

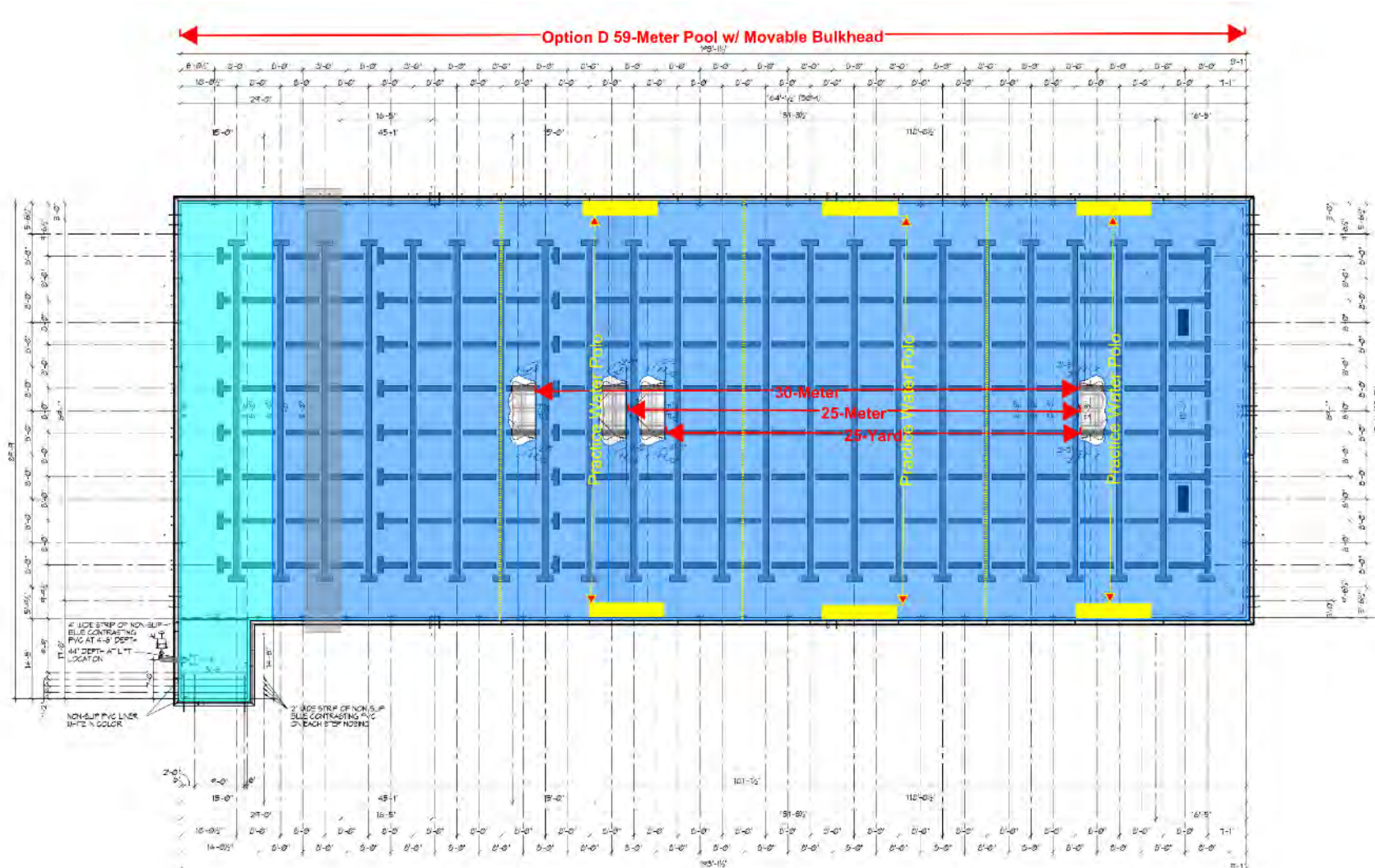
Shallow Water

- 1,425sf shallow water = 71 maximum occupancy
- Shallow water maximum 36 participants at one time

50-meter pool option | section view



59-meter pool option | plan view



FEATURES:

Swimming

- (21) 8'-0" wide Lanes = 126 swimmers practicing at one time
- (21) Deep Water Lanes services champion swim meets

Water Polo

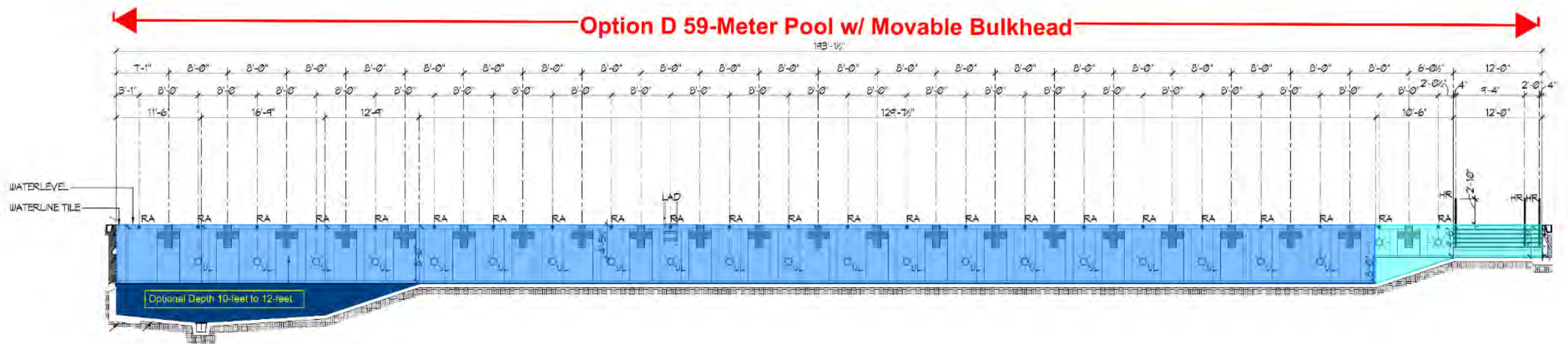
- 25yd, 25m & 30m Floating Water Polo Field of Play
- (3) 25yd x 45ft Water Polo Practice Fields

Shallow Water

- 900sf shallow water = 45 maximum occupancy
- Shallow water maximum 22 participants at one time

* Includes movable bulkhead

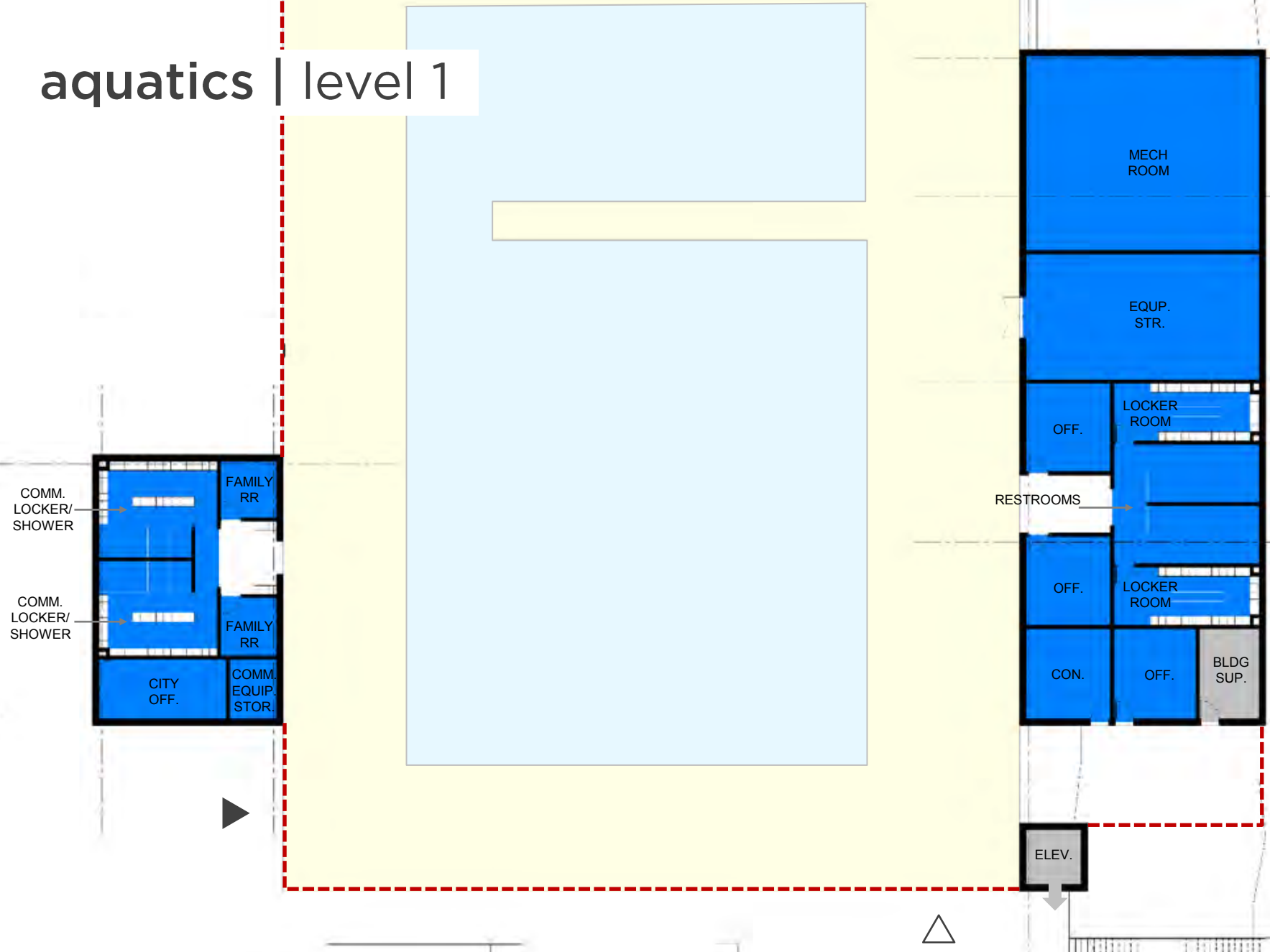
59-meter pool option | section view



pool size comparison

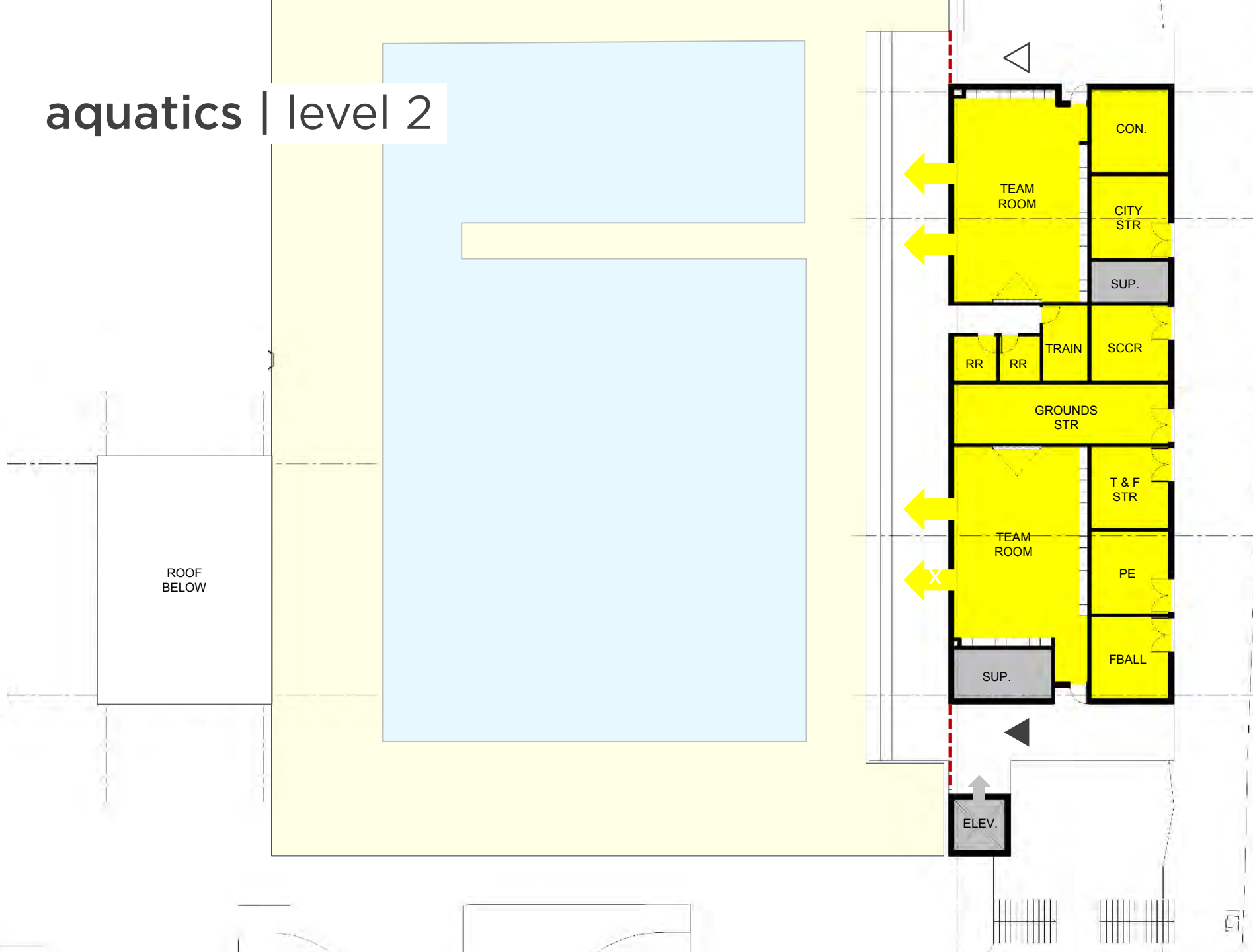
pool size	38-meter	40-meter	50-meter	59-meter
water surface area	9,335 sf	9,675 sf	12,350 sf	14,705
shallow water users (pe class)	60	58	36	22
construction cost	\$4,668,000 (base)	+170,000 more than base	\$1.5m more than base	\$3m more than base
operational cost w/ pool cover	± \$125,050/yr	± \$129,600/yr	± \$181,350/yr	± \$230,150/yr
toilet fixture count	13	12	17	22
lavatory count	8	8	10	12
shower count	12	14	16	20

aquatics | level 1



- ▲ Main Entry
- Aquatics
- Field House
- Pool Deck
- Support

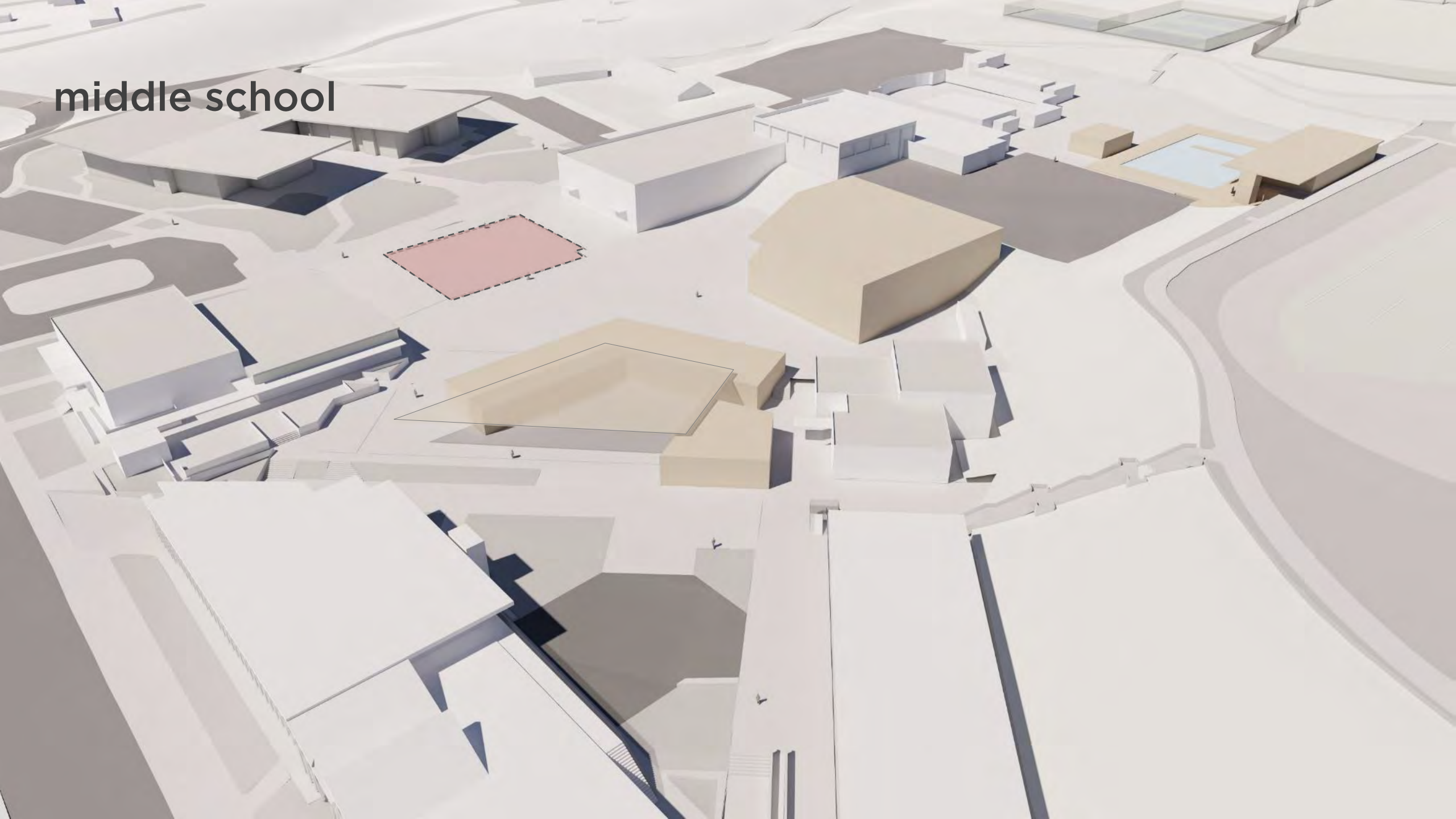
aquatics | level 2



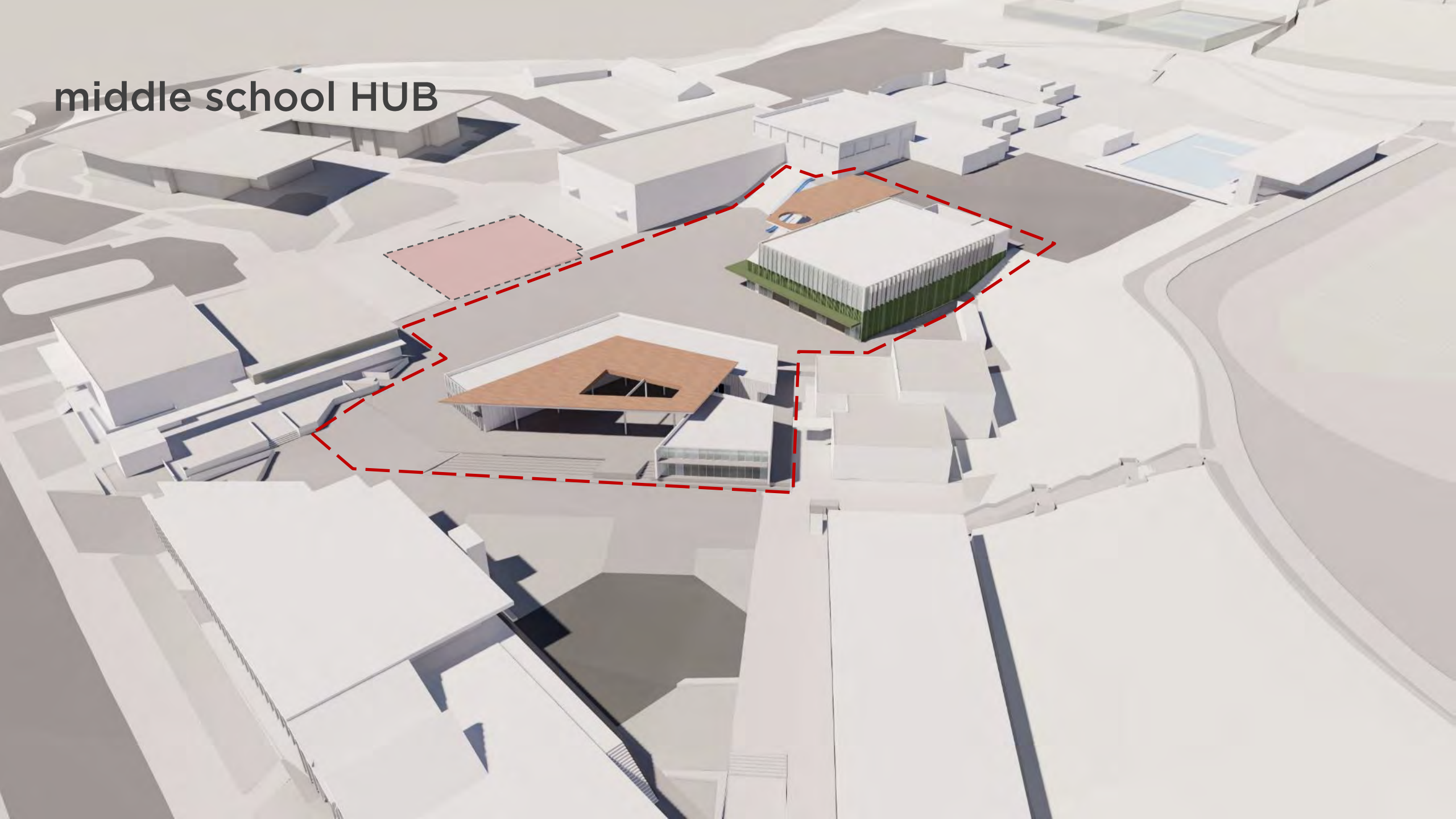
- ▲ Main Entry
- Aquatics
- Field House
- Pool Deck
- Support

MIDDLE SCHOOL HUB

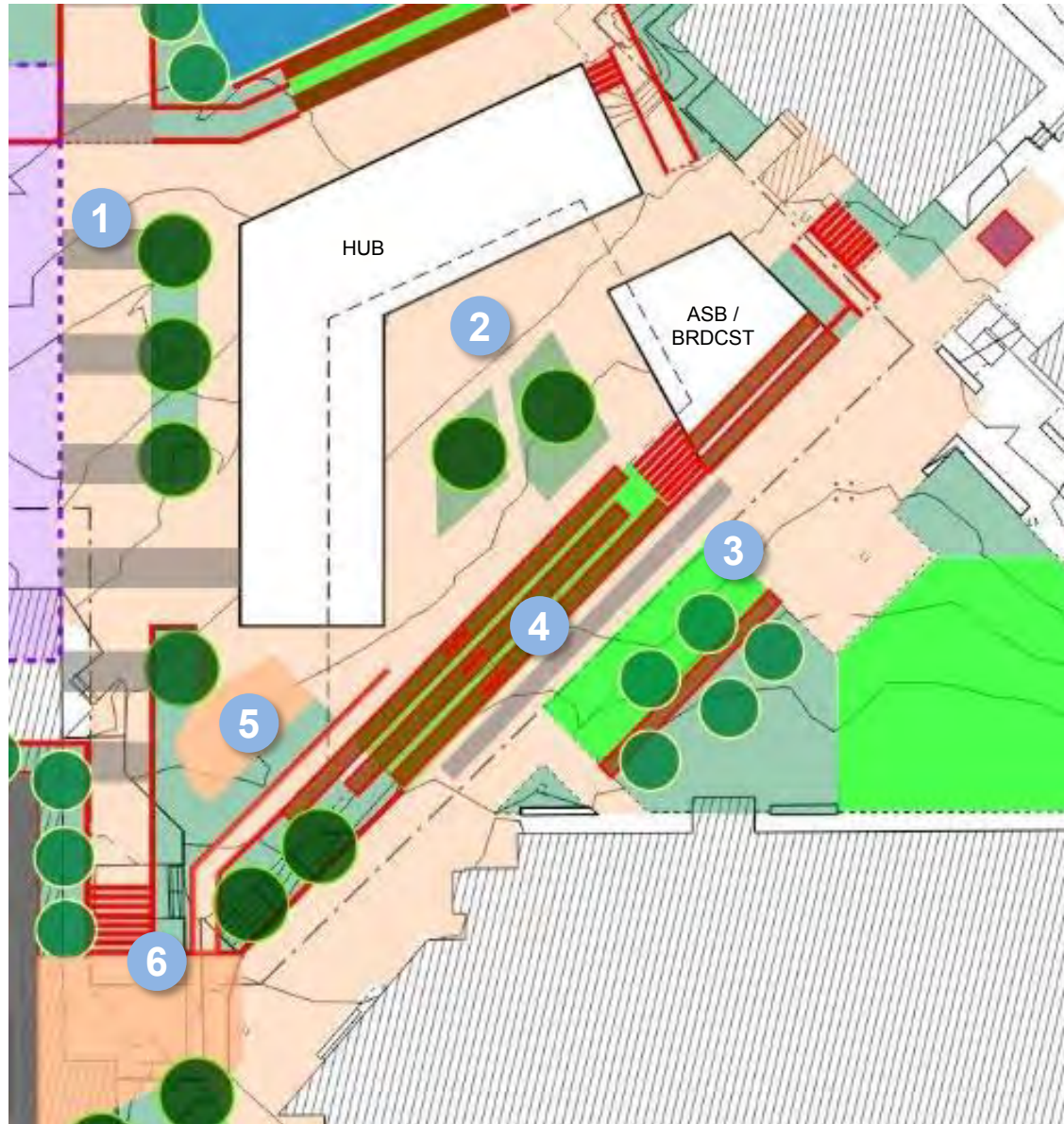
middle school



middle school HUB



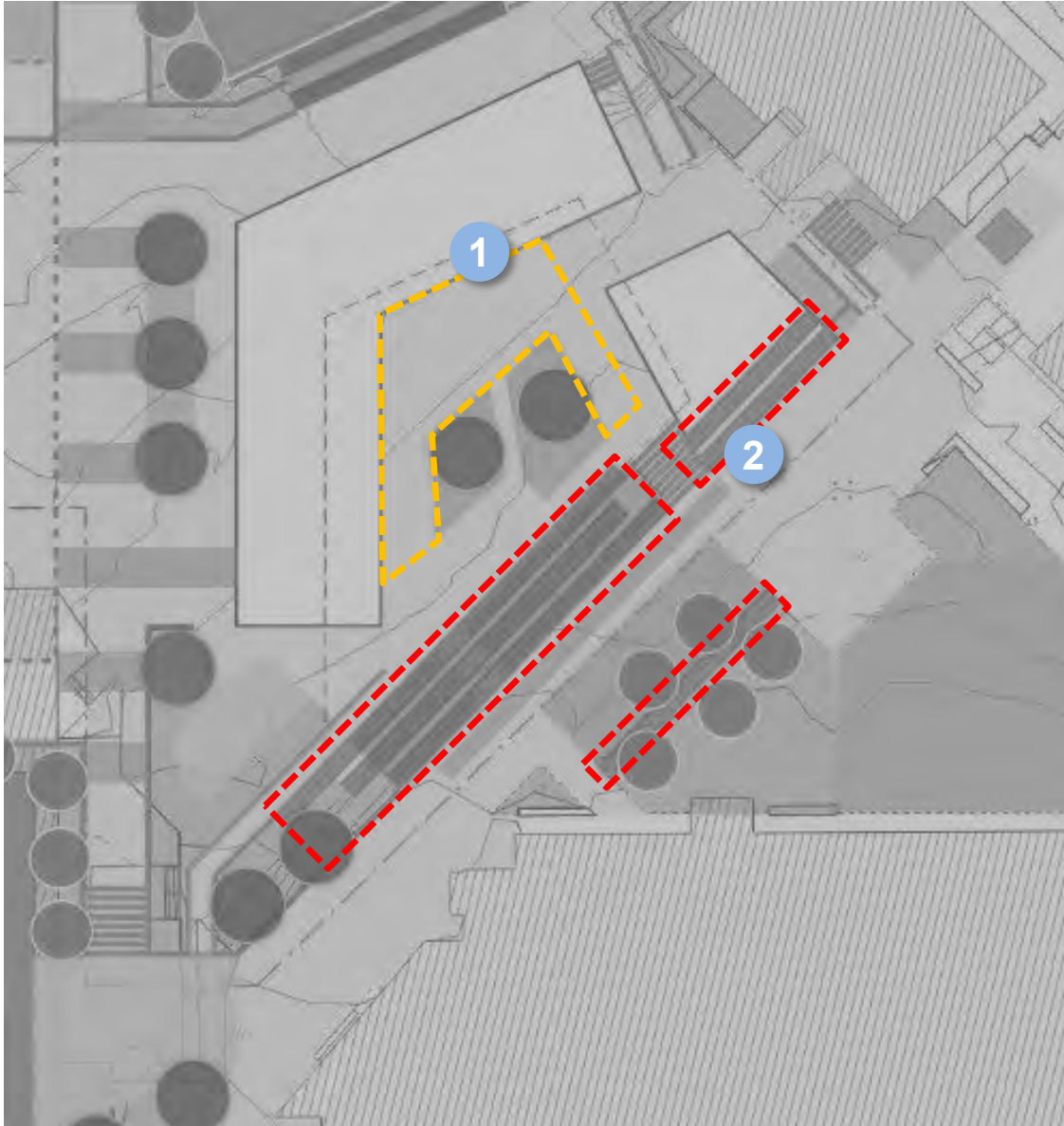
middle school HUB | site



1. promenade spine
2. dining deck
3. social zone
4. amphitheater
5. upper terrace
6. access_ stair and ramp



middle school HUB | site seating capacity

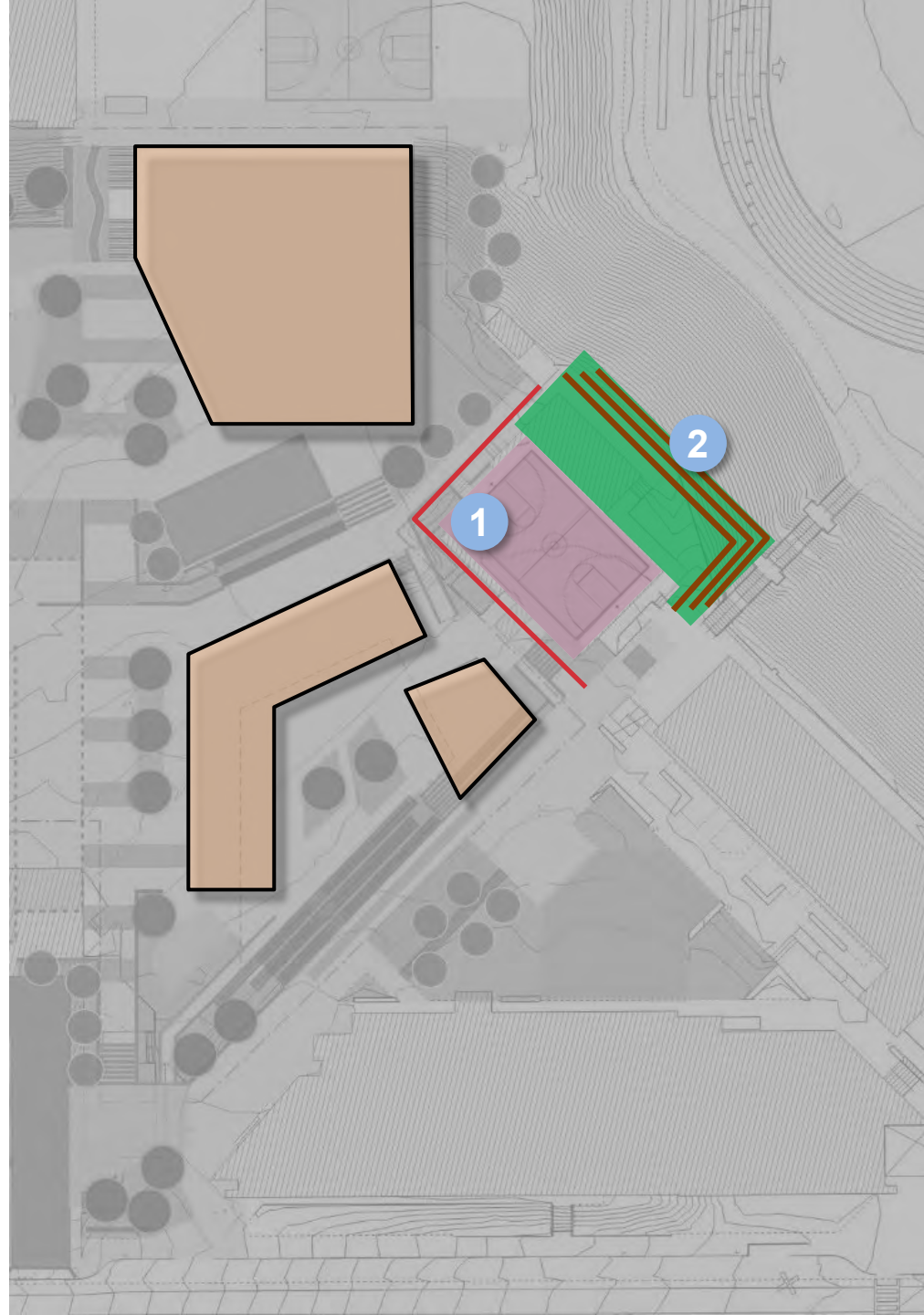


1. lunch table seating – 20 tables (200 students)
2. seatwalls – 6300lf (350 students)

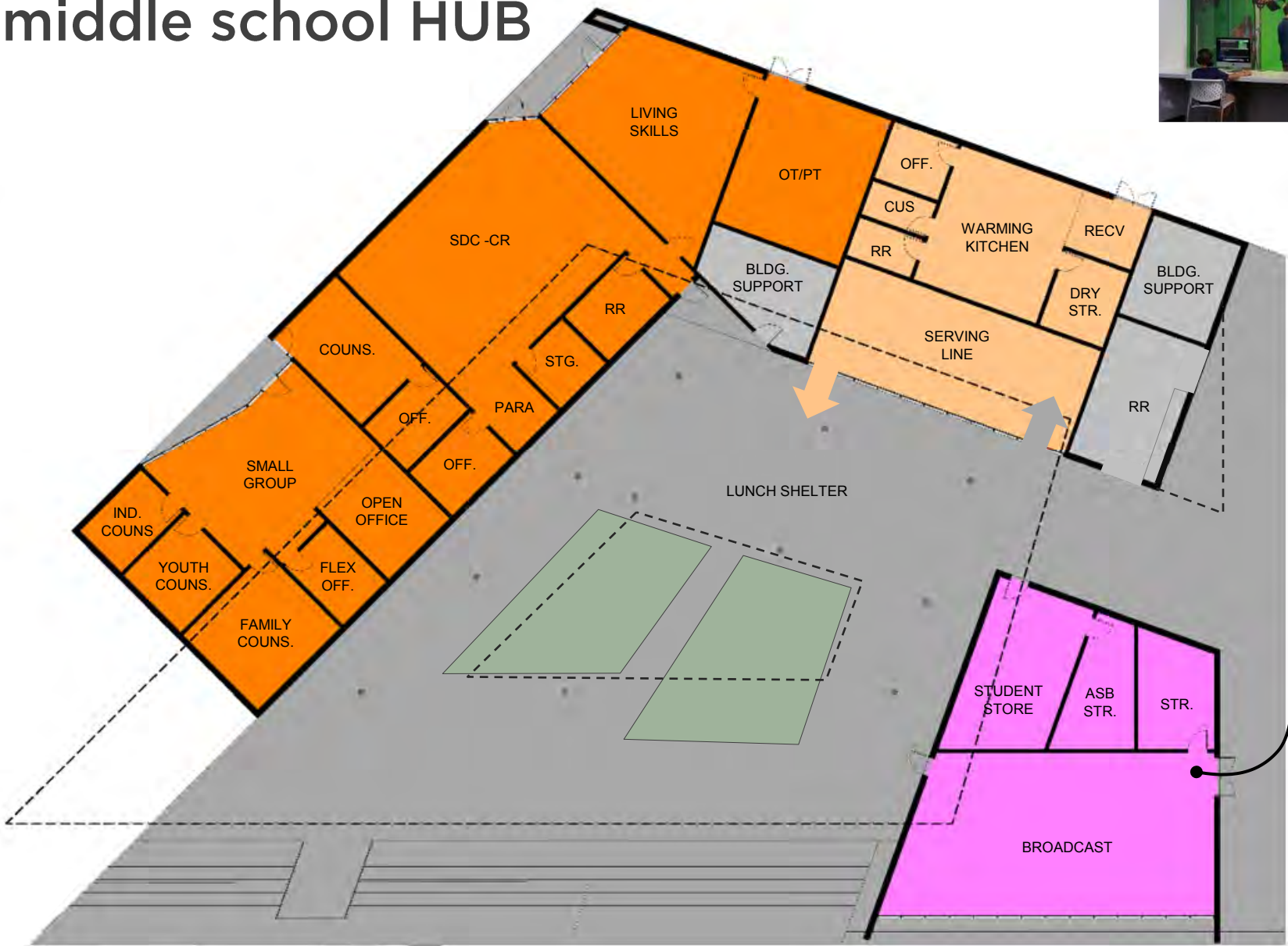


middle school HUB | site

1. (1) basketball court
2. amphitheater



middle school HUB



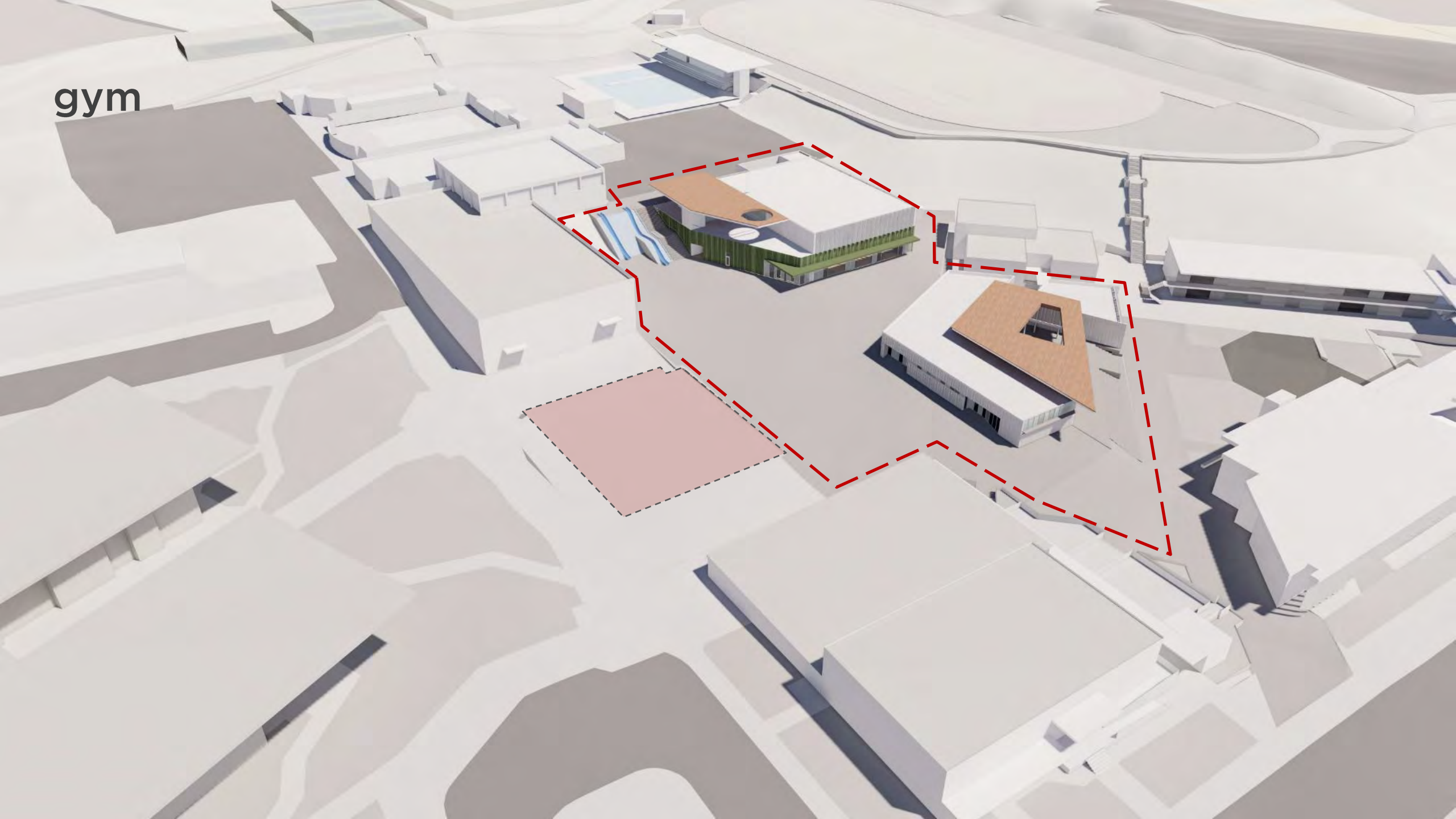
TO MS GYM



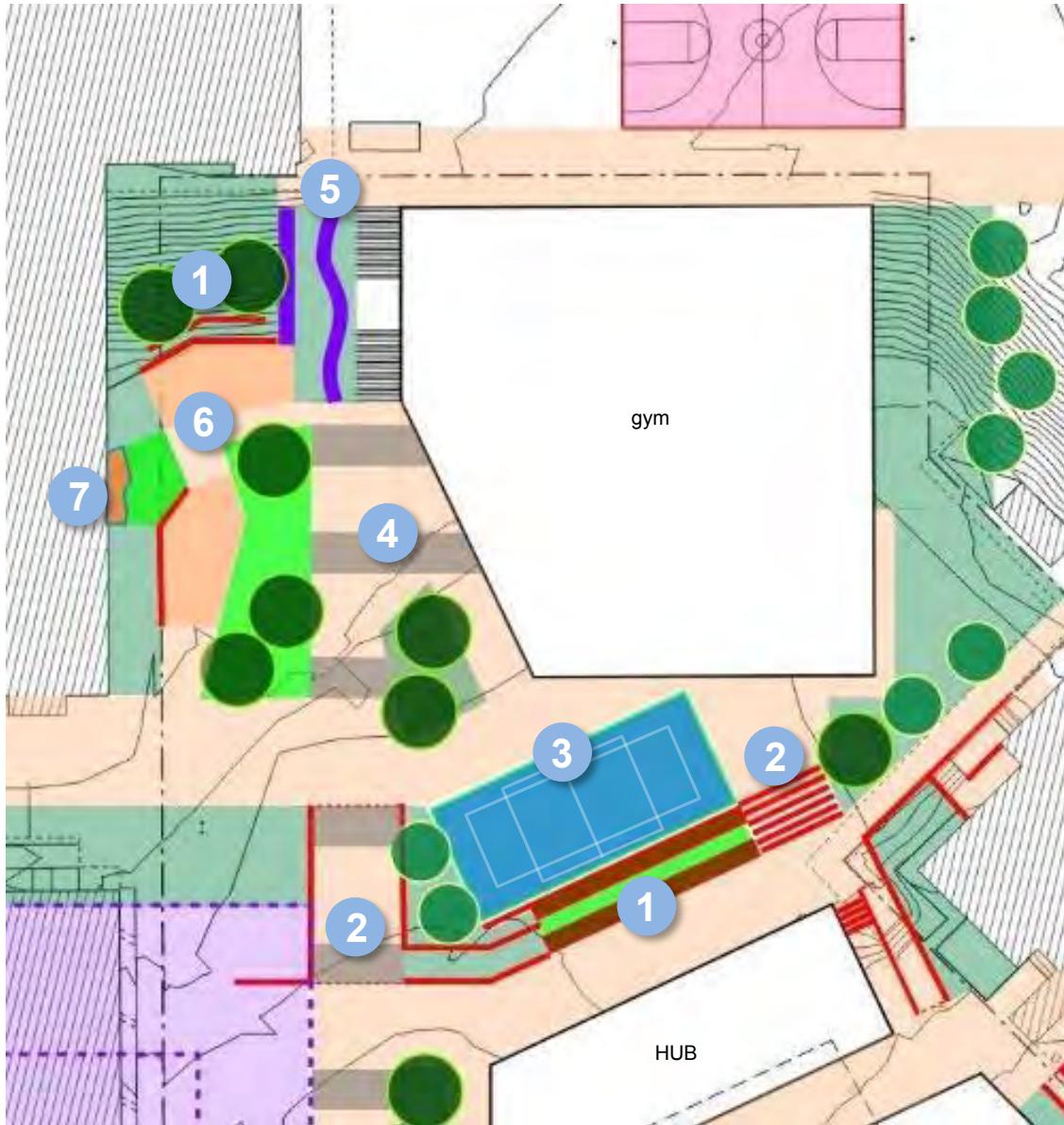
- Wellness / Special Education
- Food Service
- ASB / Broadcast
- Support
- Lunch / Shade Canopy Above

GYM

gym



gym layout



1. amphitheater
2. access_ stair and ramp
3. multi-purpose court
4. gym plaza
5. slide and slope climb
6. active courtyard
7. bouldering climbing wall



gym seating capacity



1. seat walls – 3200lf (160 students)
2. movable furniture zone

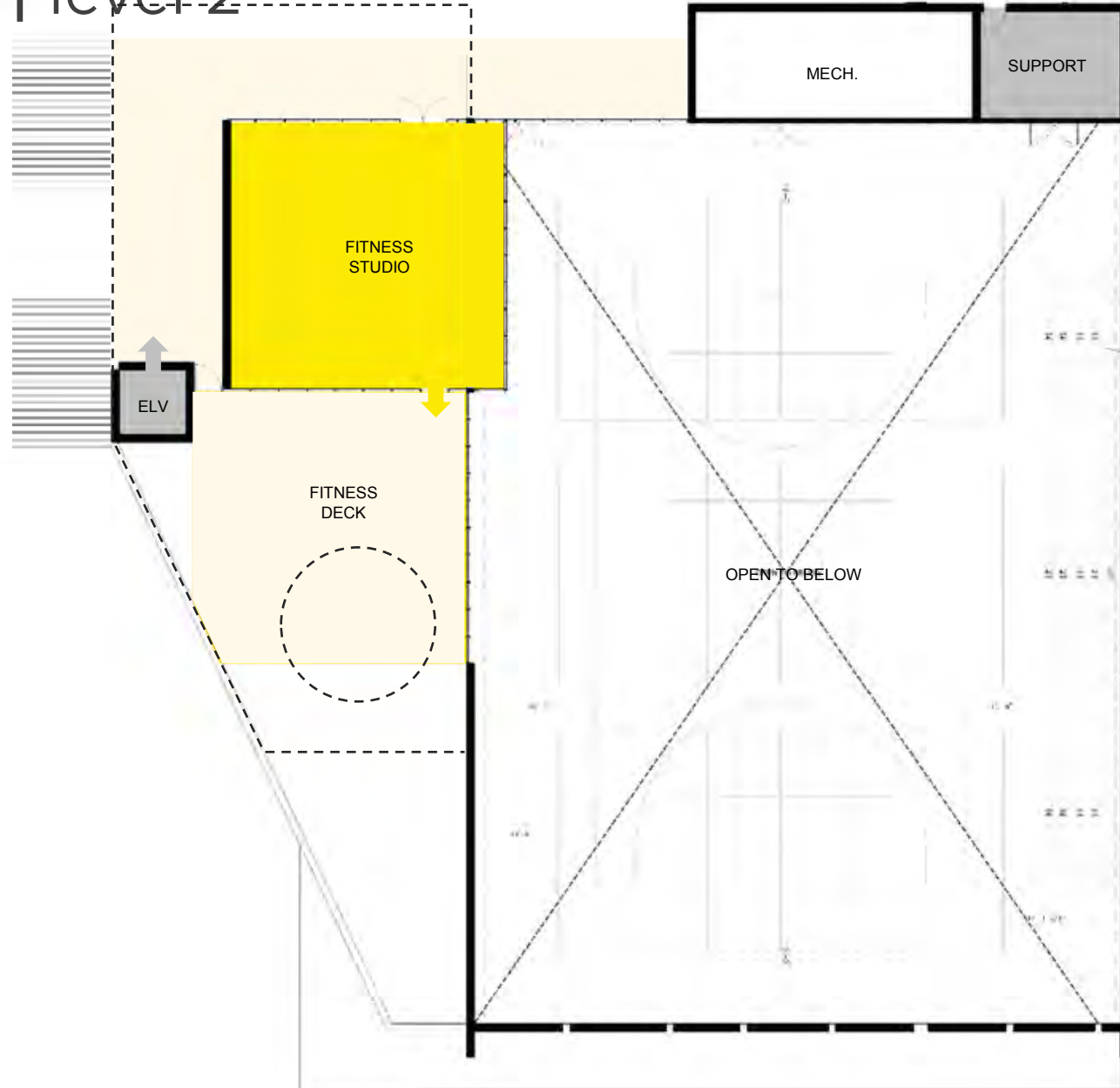


gym | level 1



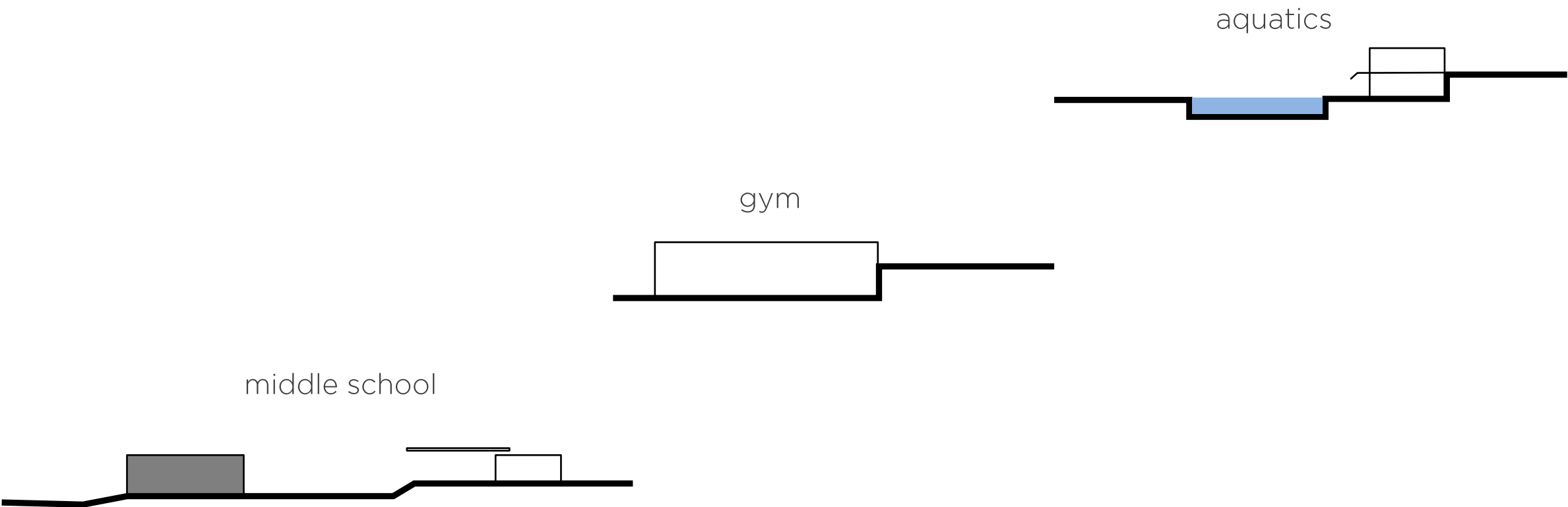
- ▲ Main Entry
- Physical Education
- Gymnasium
- Public
- Support

gym | level 2

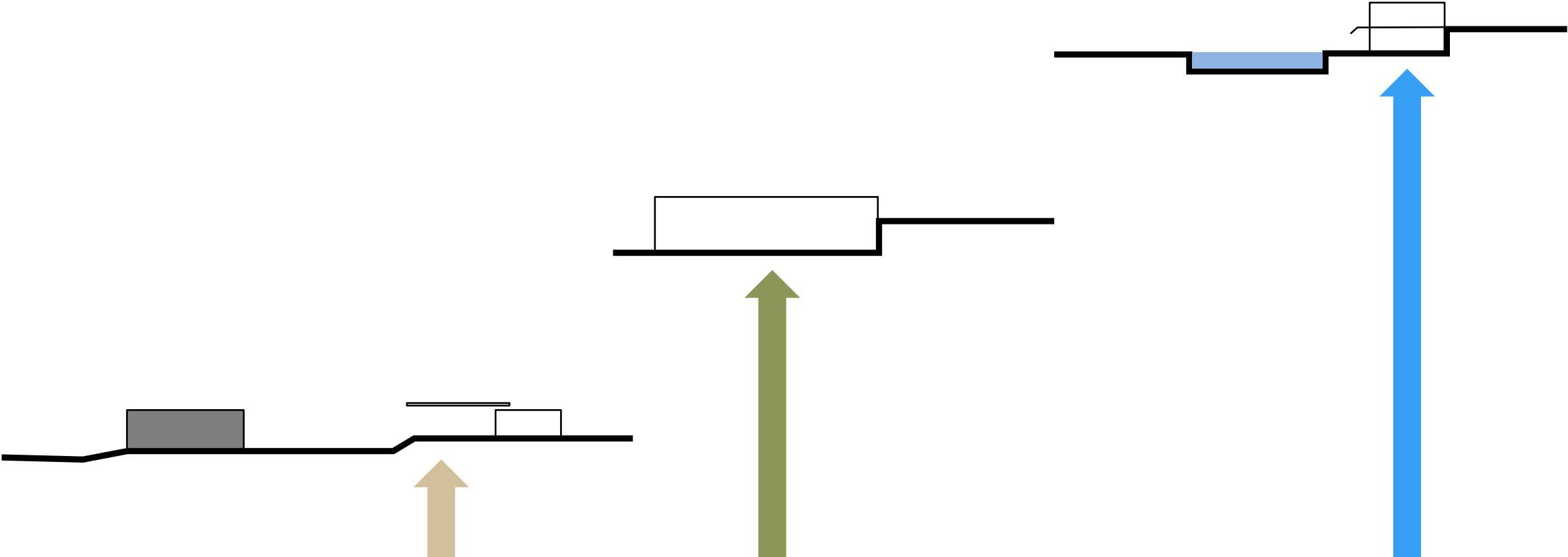


- ▲ Main Entry
- Physical Education
- Gymnasium
- Public
- Support

context



concept



materiality



looking north from entry



HUB



arriving from high school



arriving from high school



from upper hardcourts



THANK YOU!



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