



EAST POTOMAC POOL

WASHINGTON, DC



SCHEMATIC DESIGN : 06-03-2015



CONSULTANTS:
POOL : AQUATIC DESIGN GROUP
CIVIL: DELON HAMPTON & ASSOCIATES
STRUCTURAL: SILMAN & ASSOCIATES
MEP: JVP ENGINEERS
LANDSCAPE: JORDAN HONEYMAN



East Potomac Pool

Executive Summary

The East Potomac Park Aquatics Center has served the community of the District of Columbia as a recreational facility for nearly 80 years. The facility is located at 972 Ohio Drive, SW, Washington, DC 20024 in Potomac Park and currently shares adjacencies with the East Potomac Golf Course, and the United States Park Police Headquarters. East Potomac Park Pool was originally constructed in the 1930s with the two adjacent buildings serving as the pool house. The existing pool house was constructed circa the end of the 1960’s or early 1970’s to accommodate the current uses. It was also during this period that the original 1930’s pool was replaced with an aluminum pool shell.

The pool currently serves the local community and tourists as a destination for aquatic recreation, training and competitions.

The existing pool house was built at the same time the pool was replaced, placing its age at approximately 54 years old, well past the building’s life cycle. The current configuration of the pool house does not support the current facility needs and is not compliant with current building codes or ADA requirements. The existing pool deck and structure, built in the 1930’s, is deteriorating and has exceeded its building life cycle. Given the age and condition of the facility, the DC Department of Parks and Recreation has determined the need to replace the existing pool and pool house facilities.

The District’s Department of Parks and Recreation envisions the East Potomac Pool as a state-of-the-art Olympic sized recreational and competitive aquatics facility capable of holding meets and competitive diving competitions in the heart of the city.

The proposed pool house will provide Men’s and Women’s locker rooms with showers, Family Changing rooms, offices to meet current staffing needs, retail and food service functions, and provide spectator seating for viewing aquatic events. The facility will be fully compliant with current regulatory requirements.

The vision of the new pool facility is to be welcoming and family friendly. The proposed pool house design is intended to reflect the original planning vision for the site by emphasizing the central entry axis between the two existing buildings. The proposed design utilizes a contemporary interpretation of the existing building design’s vocabulary using elements as a colonnade to provide access to the spectator seating. The entrance to the pool is through a landscaped plaza which reinforces the symmetry of the composition of the original buildings and provides an open air entry lobby, consistent with the original planning layout, to allow views of the pool as the public approaches the building.

LOCATION

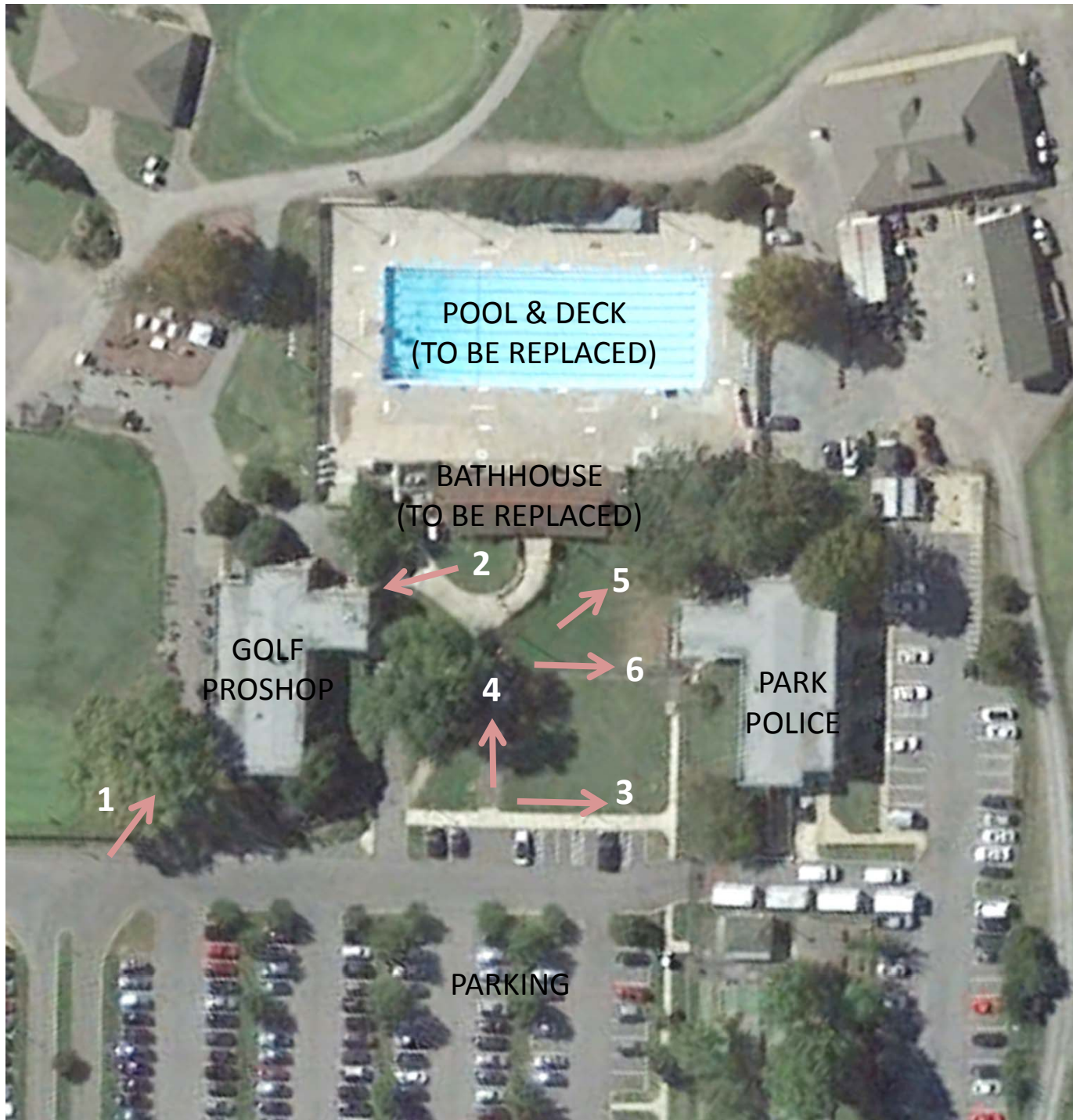


SD PHASE 06-03-2015

2

EAST POTOMAC POOL

WASHINGTON, DC



EXISTING SITE PLAN

EXISTING CONDITIONS

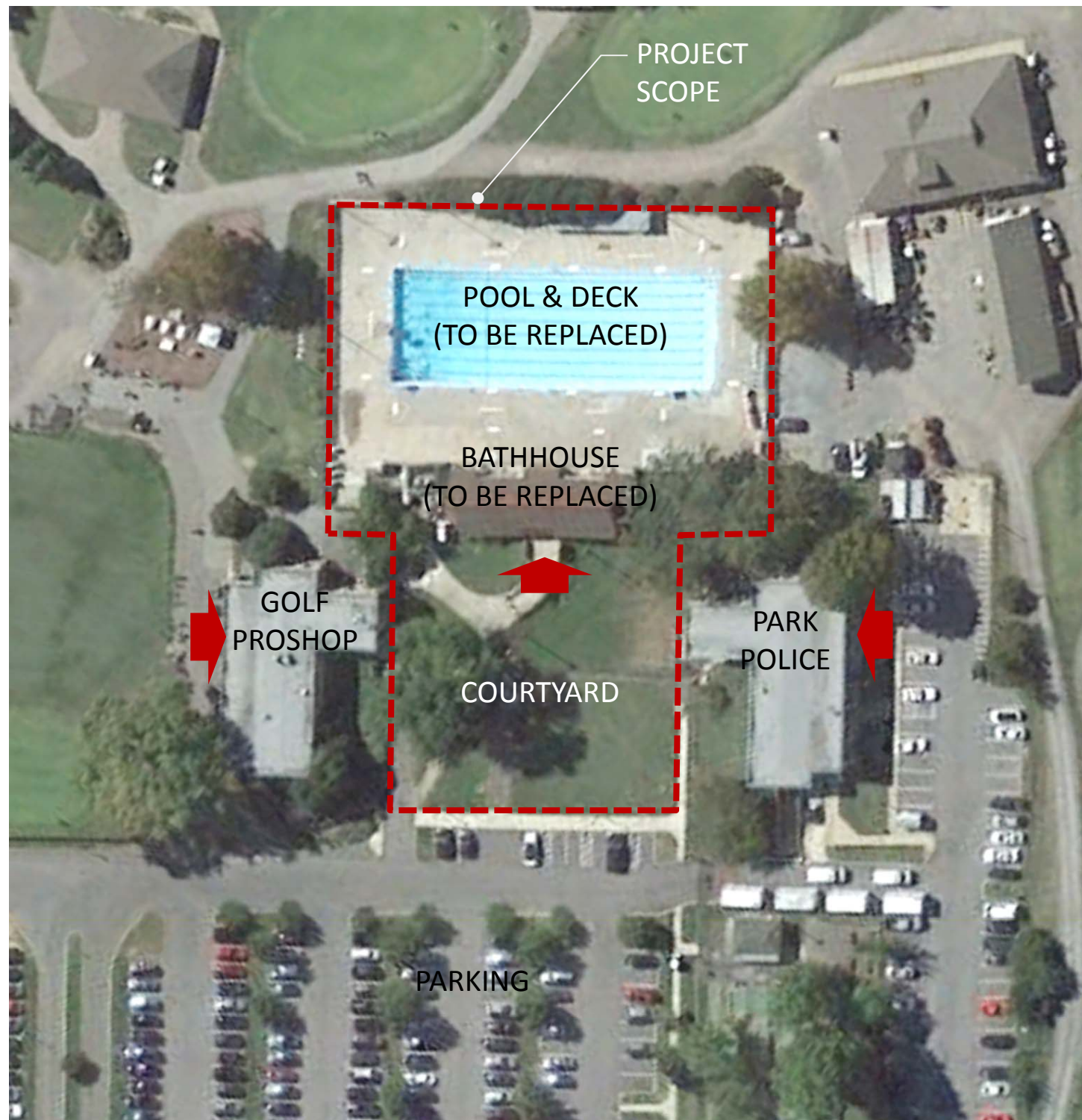
SD PHASE 06-03-2015

3

EAST POTOMAC POOL

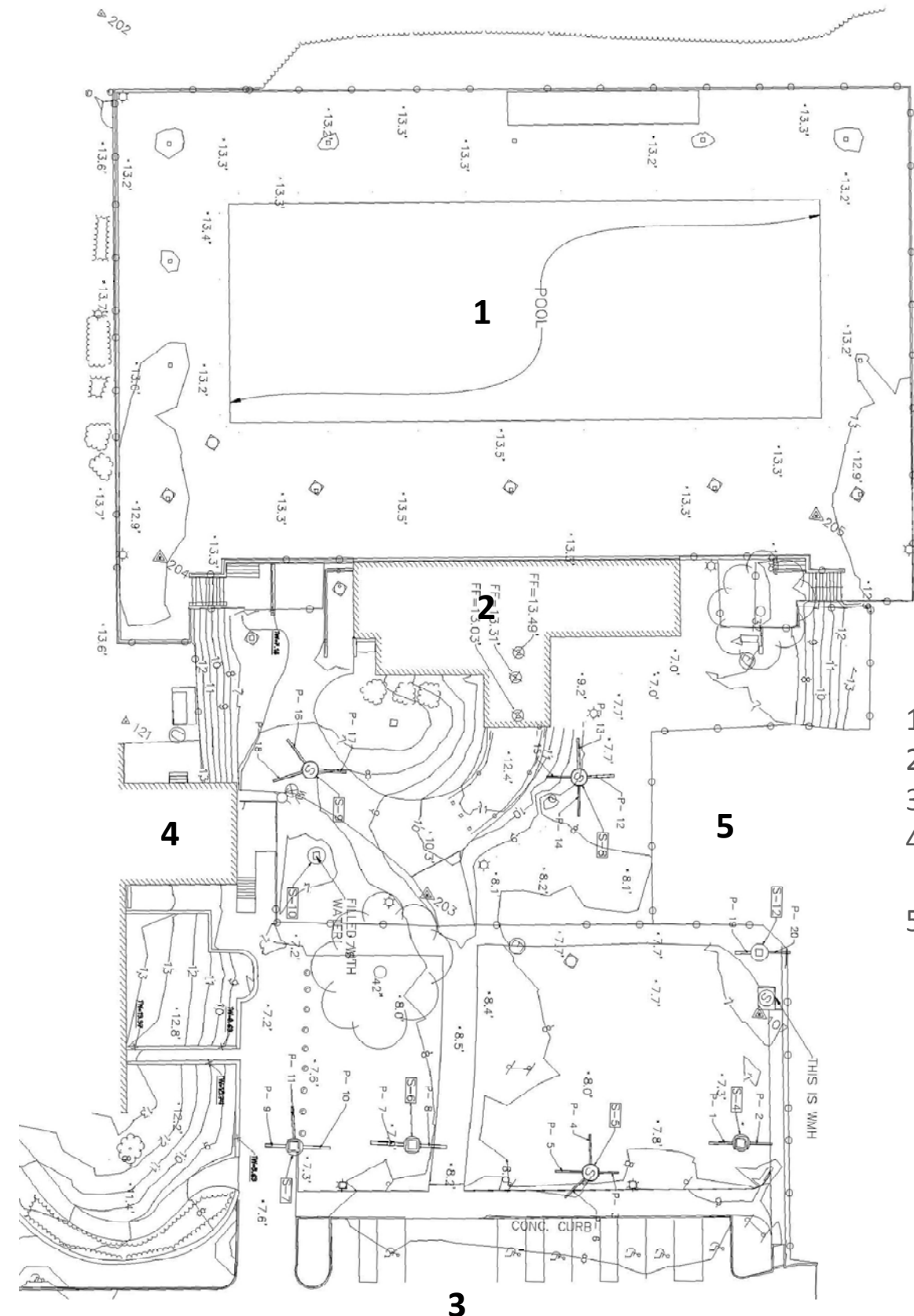
WASHINGTON, DC





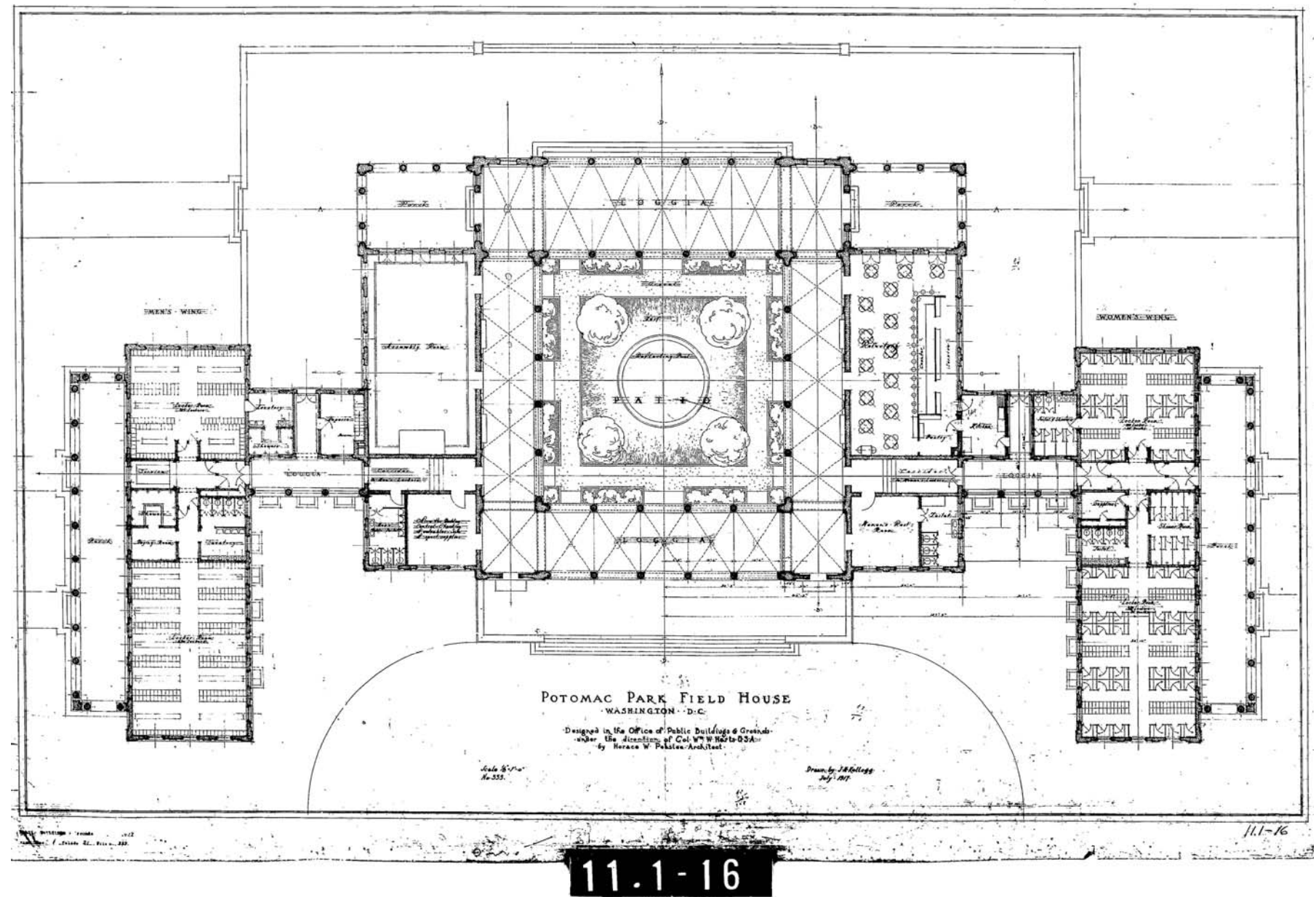
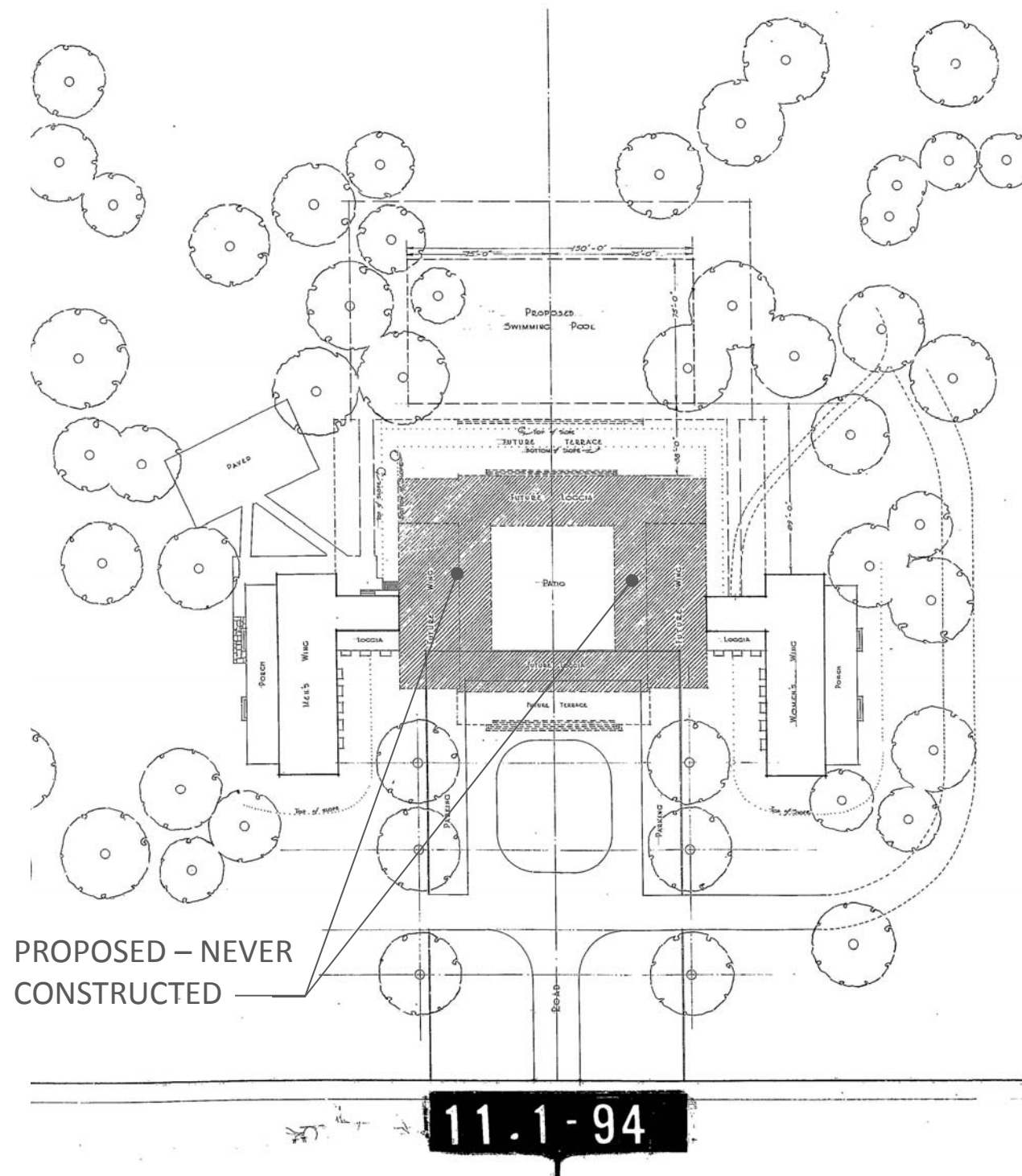
EXISTING SITE PLAN

SD PHASE 06-03-2015



1. EXISTING POOL
2. EXISTING BATHHOUSE
3. EXISTING PARKING
4. EXISTING GOLF PRO SHOP
5. EXISTING PARK POLICE HEADQUARTERS





HISTORICAL MASTER PLAN & FLOOR PLAN

SD PHASE 06-03-2015

5

EAST POTOMAC POOL

WASHINGTON, DC

SITE PLAN

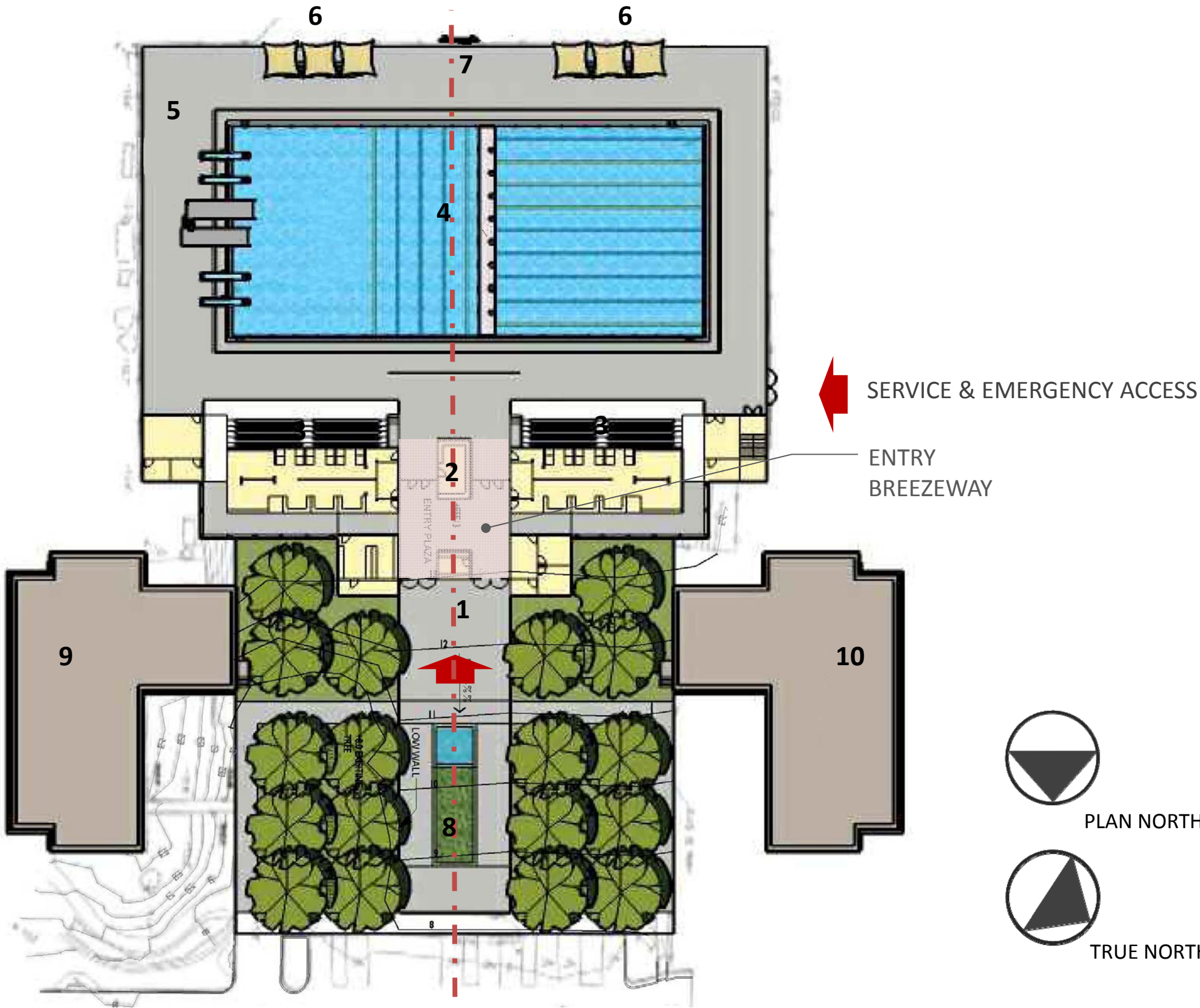
1. ENTRY PLAZA
2. BATHHOUSE (APPROX ENCLOSED AREA = APPROX. 8,000 SF)
3. SPECTATOR SEATING (300 CAP)
4. 25-YD X 50-M COMPETITION POOL WITH 6-FT W. MOVABLE BULKHEAD
5. 5-M & 3-M DIVE PLATFORMS AND 1-M & 3-M SPRINGBOARDS
6. PREFAB SHADING STRUCTURES
CHAINLINK FENCING WITH APPLIED GRAPHICS AT POOL PERIMETER
7. SCOREBOARD
8. COURTYARD
9. EXISTING GOLF PRO SHOP
10. EXISTING PARK POLICE HEADQUARTERS

NOTE:
MAX. POOL DEPTH IS 13-FT AT DIVING END.

CONCEPT SITE PLAN

SYMMETRICAL MASSING AND CENTRAL ENTRY

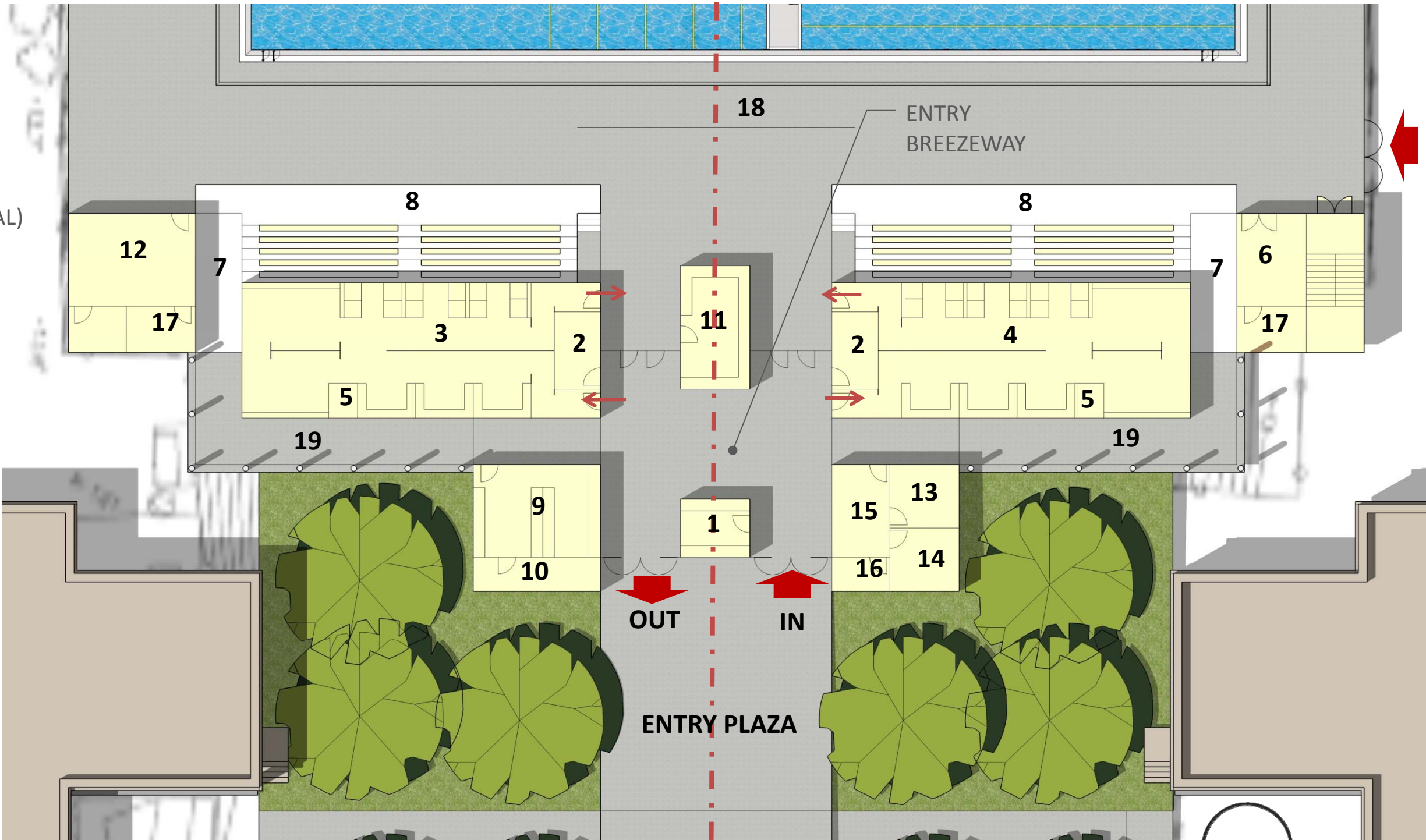
SD PHASE 06-03-2015



FLOOR PLAN

- 1. CHECK-IN
- 2. FAMILY CHANGING
- 3. MEN'S LOCKER ROOM
- 4. WOMEN'S LOCKER ROOM
- 5. JAN CLOSET
- 6. POOL STORAGE
- 7. RAMP
- 8. SPECTATOR SEATING (300-CAP TOTAL)
- 9. CONCESSIONS
- 10. PANTRY
- 11. SAFETY CENTER
- 12. MEET ROOM
- 13. SWIM INSTRUCTOR
- 14. DIRECTOR'S OFFICE
- 15. OPEN OFFICE
- 16. STAFF TOILET
- 17. UTILITY
- 18. ART SAFETY RAILING
- 19. COLONNADE (SEATING ACCESS)

NOTE:
POOL FILTER ROOM & SUMMER
CAMP STORAGE ARE LOCATED
IN THE BASEMENT BELOW
WOMEN'S LOCKER ROOM.



PLAN NORTH

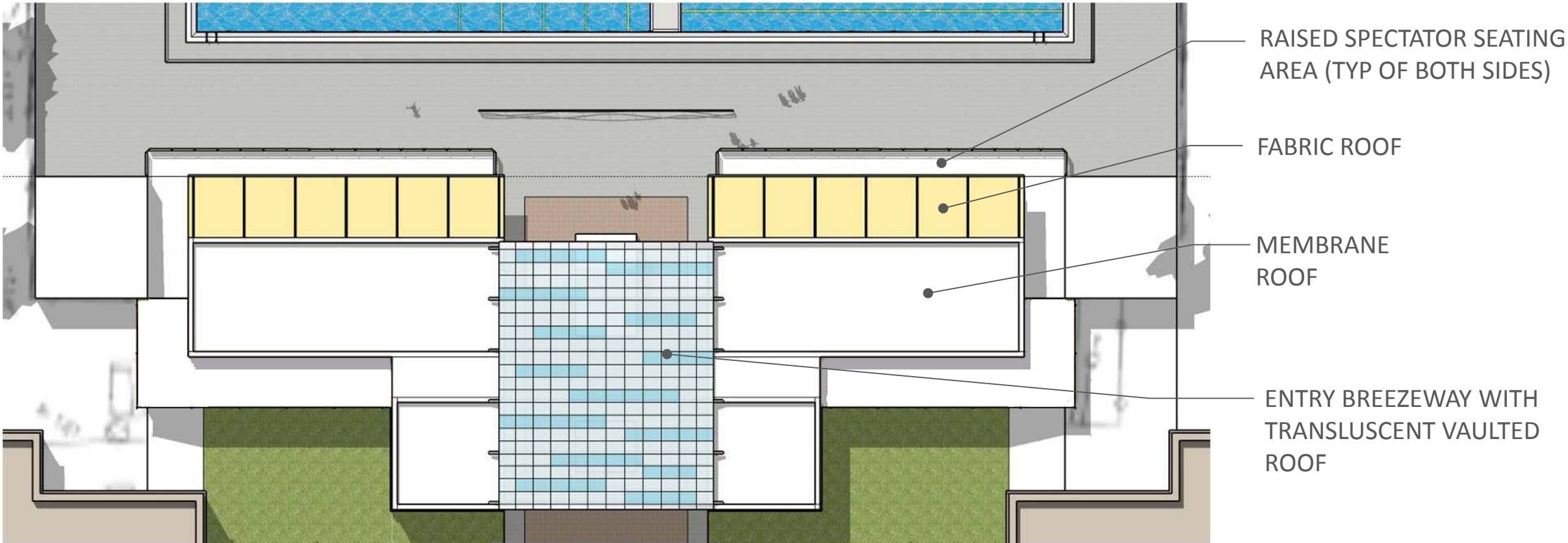
SD PHASE 06-03-2015

7

EAST POTOMAC POOL

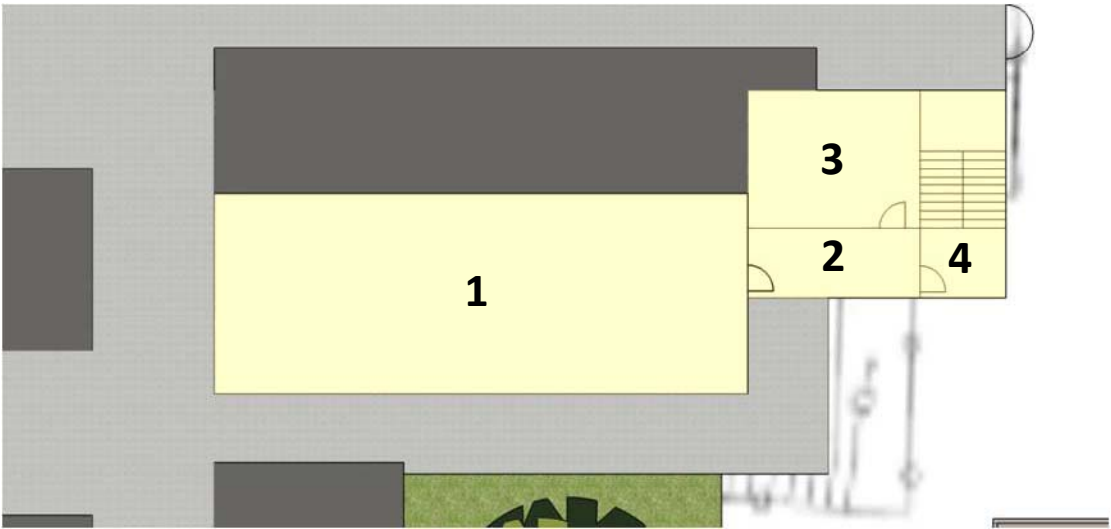
WASHINGTON, DC

ROOF PLAN



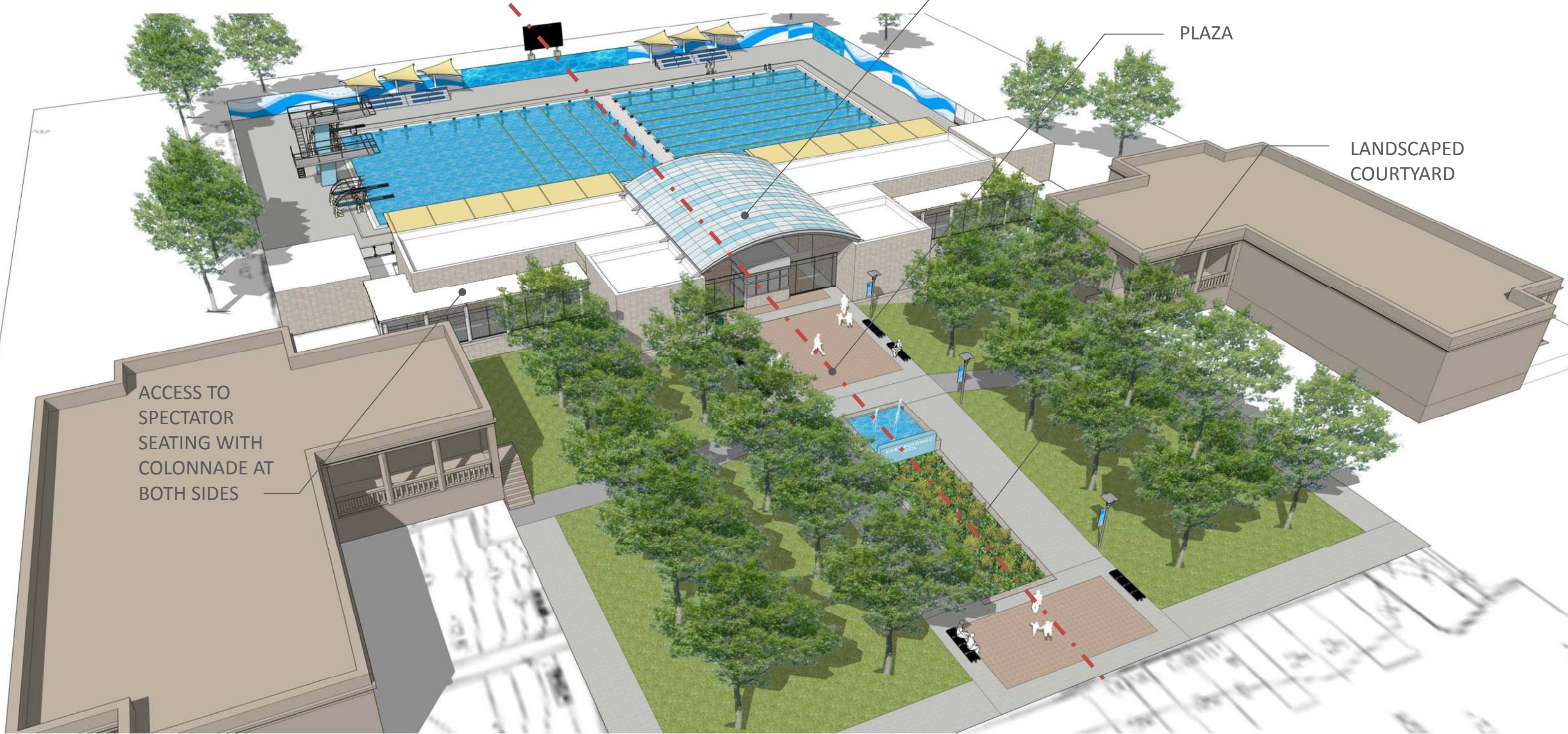
BASEMENT PLAN

- 1. POOL FILTER ROOM
- 2. CORRIDOR
- 3. SUMMER CAMP STORAGE
- 4. STAIR ACCESS TO BASEMENT



SD PHASE 06-03-2015

MASSING AXON AT COURTYARD SIDE



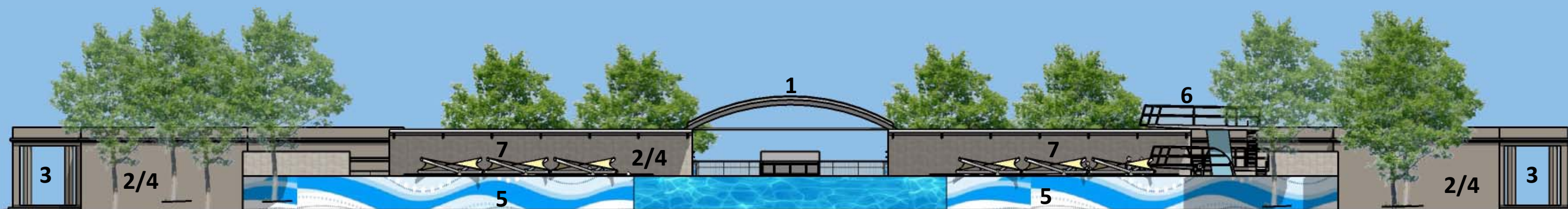
SD PHASE 06-03-2015



ENTRY VIEW FROM COURTYARD

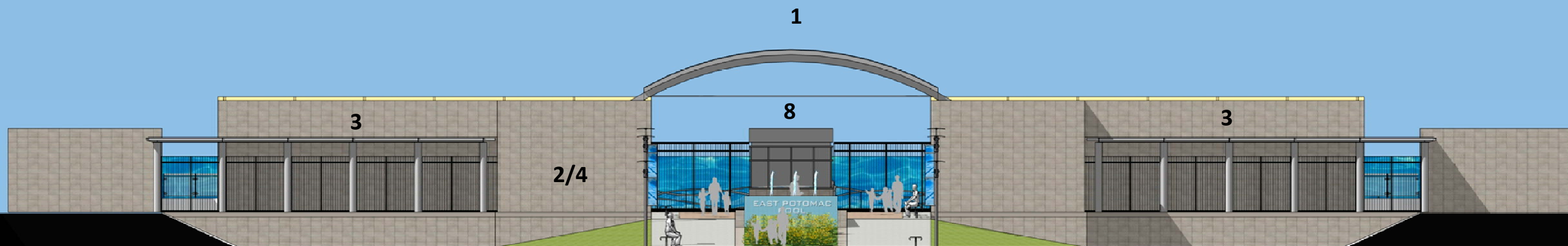
SD PHASE 06-03-2015

10 **EAST POTOMAC POOL**
WASHINGTON, DC



SOUTH ELEVATION

1. METAL FRAMED VAULTED ROOF WITH TRANSLUCENT ROOF PANELS
2. GROUND FACED CMU (COLOR RANGE SIMILAR TO THE EXISTING PRO SHOP & PARK POLICE BUILDINGS)
3. COLONNADE WITH METAL COLUMNS & ROOF SUPPORTS & DECORATIVE FENCING
4. CAST STONE COPING & SILLS
5. CHAIN LINK FENCING WITH GRAPHIC PANELS AT POOL PERIMETER
6. 5-M & 3-M DIVE PLATFORMS AND 1-M & 3-M SPRINGBOARDS
7. PREFAB SHADING STRUCTURES
8. ALUM WINDOWS AND METAL FASCIA AT CHECK-IN & LIFE GUARD BOOTHS

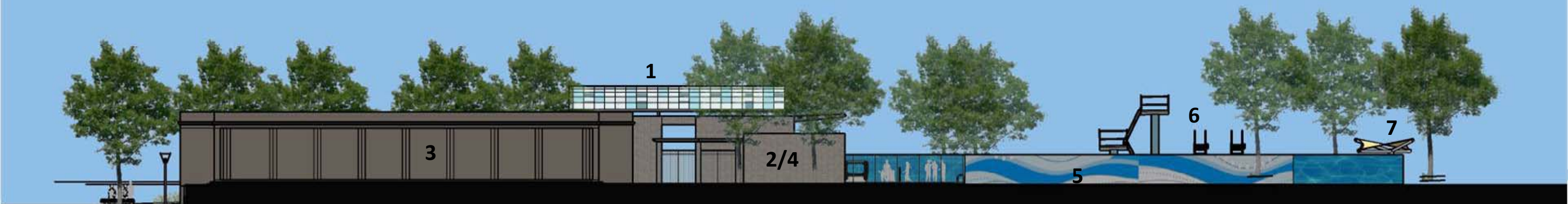


NORTH ELEVATION



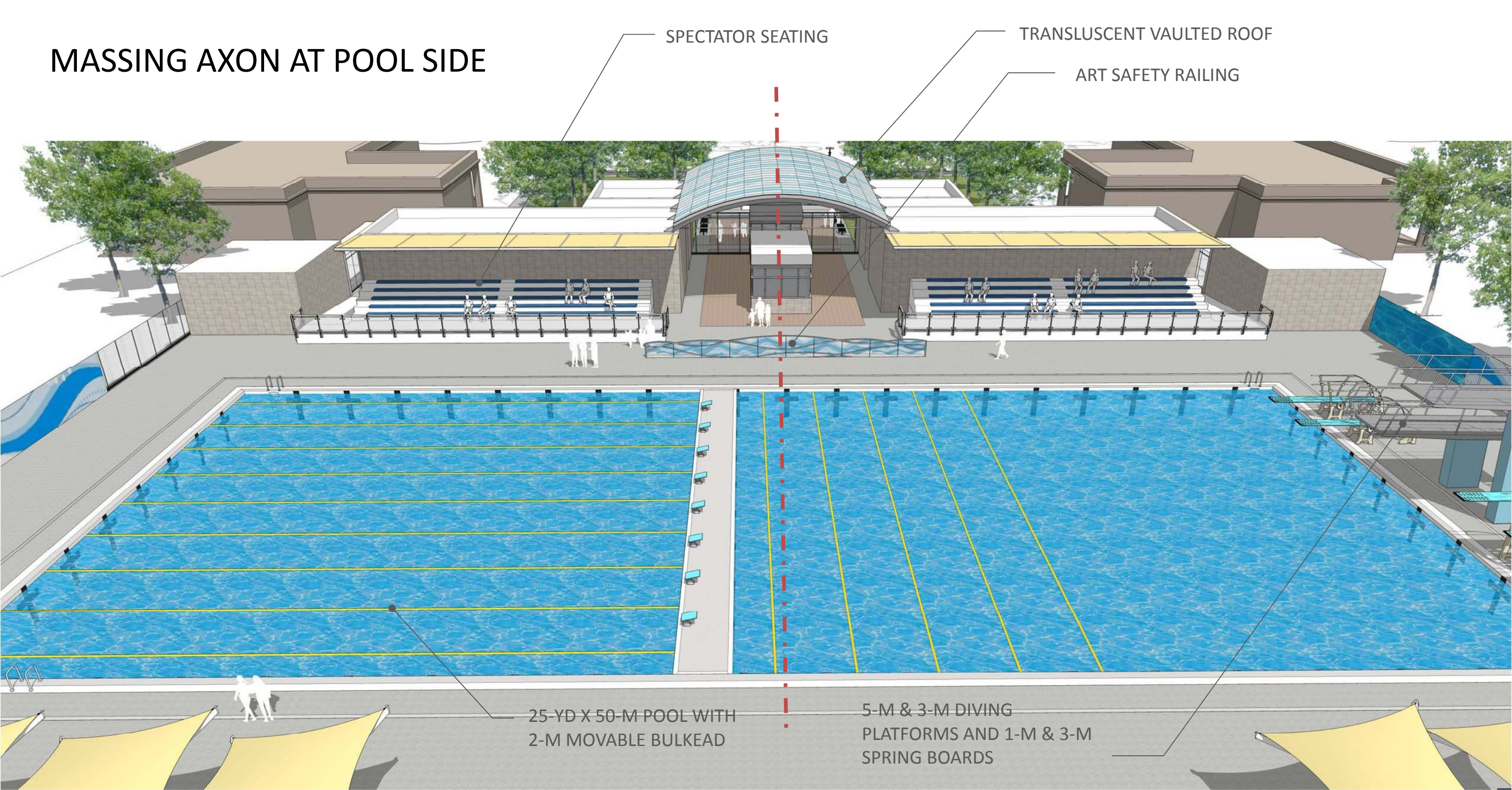
EAST ELEVATION

- | | | |
|--|--|--|
| 1. METAL FRAMED VAULTED ROOF WITH TRANSLUCENT ROOF PANELS | 3. COLONNADE WITH METAL COLUMNS & ROOF SUPPORTS & DECORATIVE FENCING | 6. 5-M & 3-M DIVE PLATFORMS AND 1-M & 3-M SPRINGBOARDS |
| 2. GROUND FACED CMU (COLOR RANGE SIMILAR TO THE EXISTING PRO SHOP & PARK POLICE BUILDINGS) | 4. CAST STONE COPING & SILLS | 7. PREFAB SHADING STRUCTURES |
| | 5. CHAIN LINK FENCING WITH GRAPHIC PANELS AT POOL PERIMETER | |



WEST ELEVATION

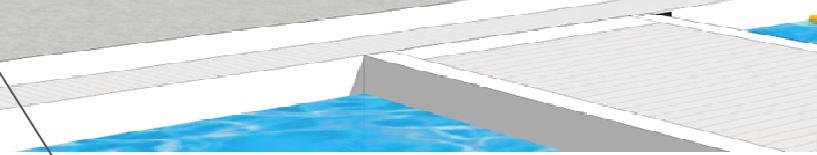
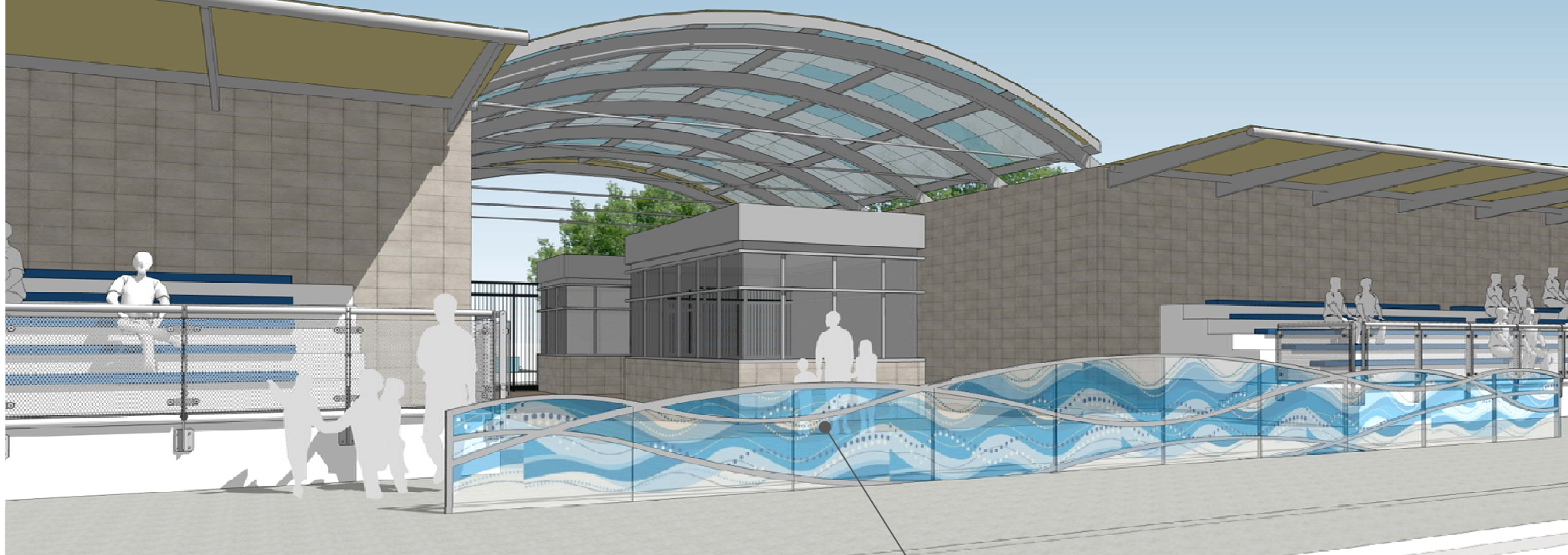
MASSING AXON AT POOL SIDE



SD PHASE 06-03-2015

MASSING
W/ TRANSLUCENT DOUBLE
CURVED ROOF AT ENTRY

VIEWS AT POOL DECK



ART SAFETY RAILING

SD PHASE 06-03-2015