

CHINQUAPIN AQUATIC CENTER

REVISED CONCEPTS

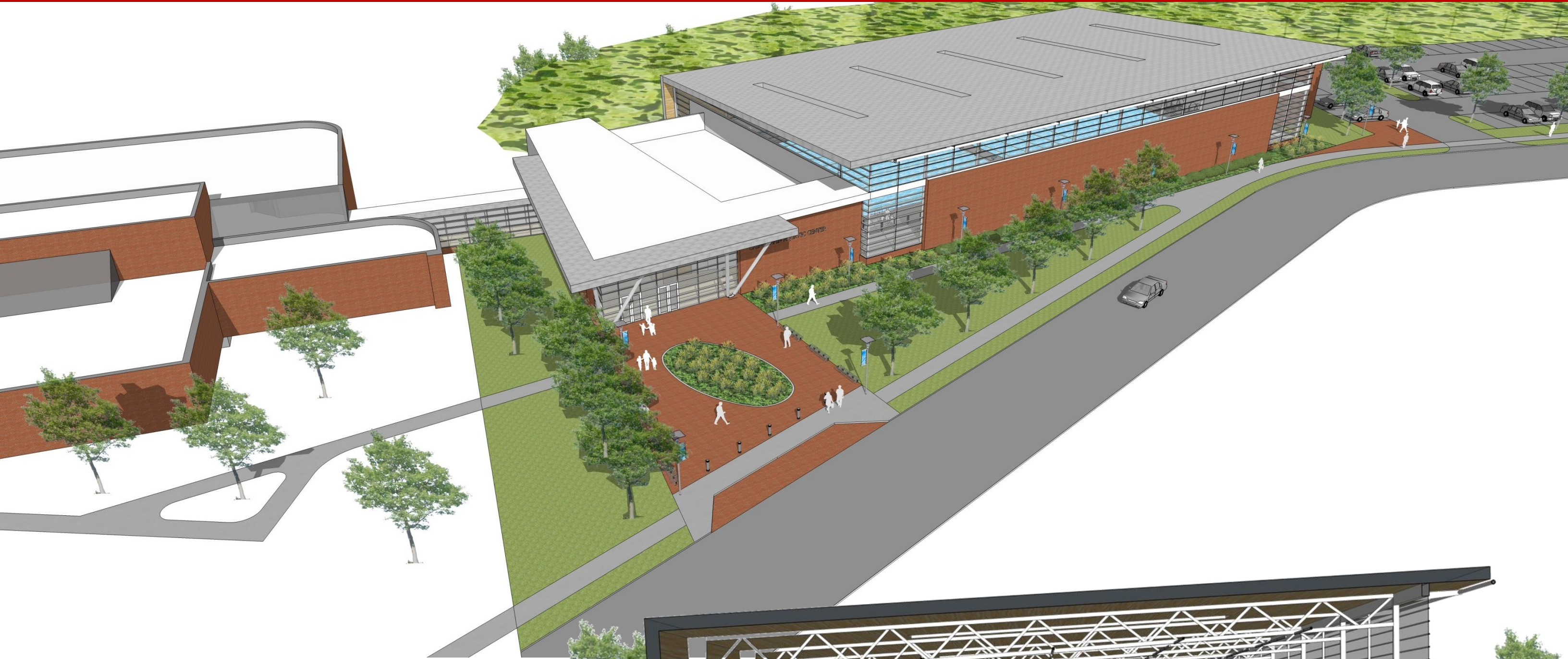
12/31/15

ONE STORY SCHEME

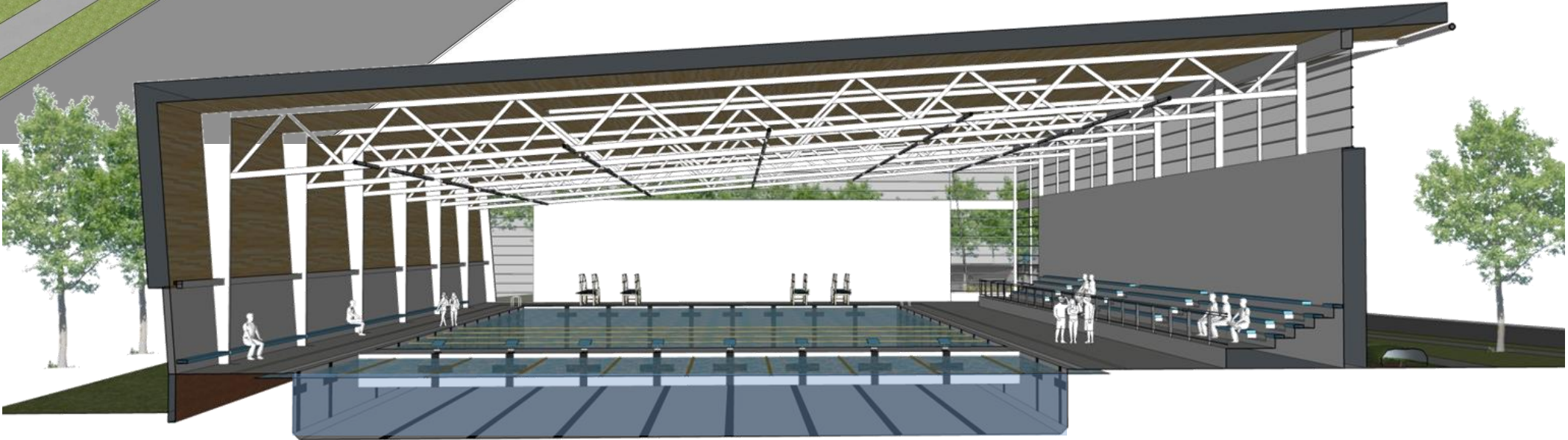
CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15





AERIAL VIEW



CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

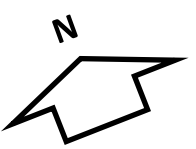
12-31-15



ONE STORY SCHEME – CONVENTIONAL CONSTRUCTION



CONCEPTUAL SITE PLAN

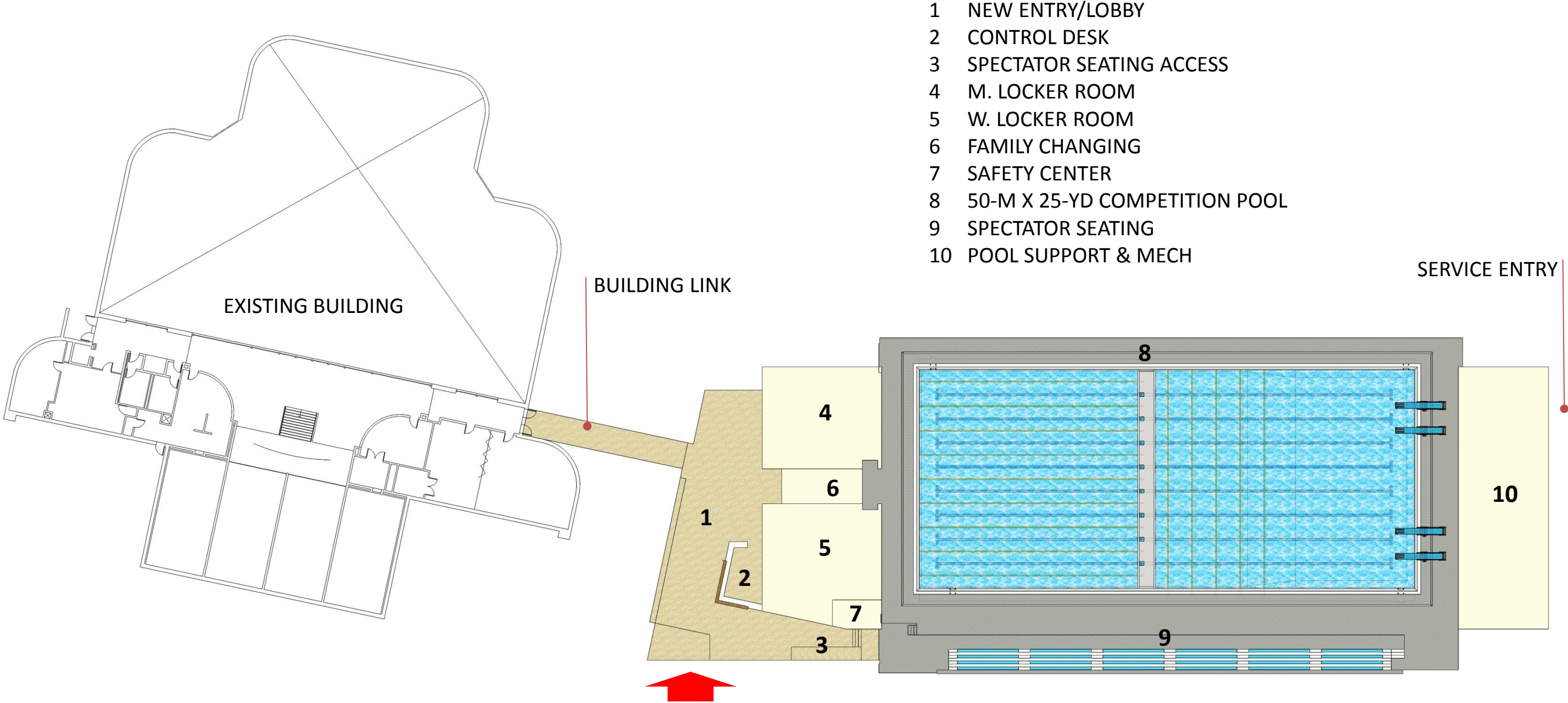


ENTRY PLAZA VIEW

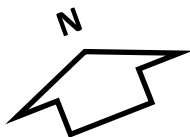
CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15

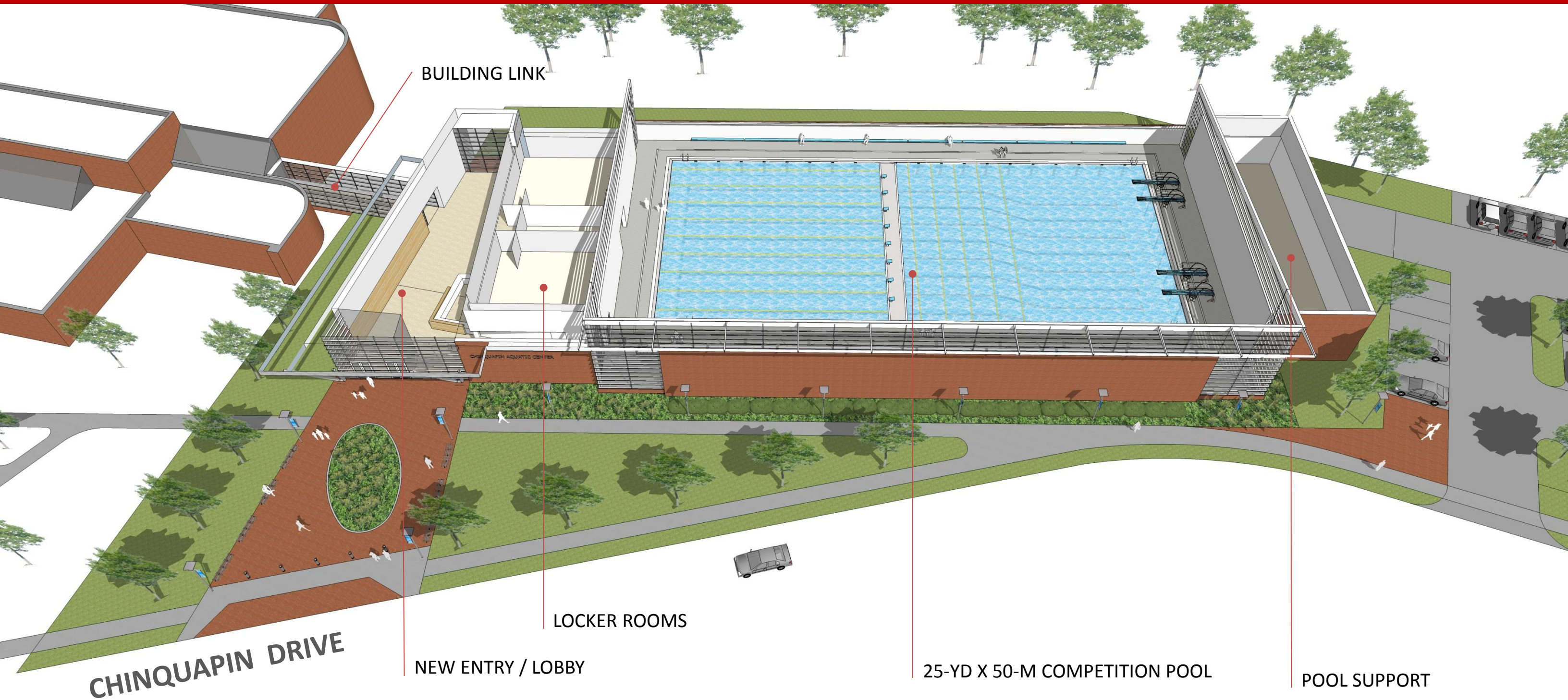




CONCEPTUAL UPPER LEVEL PLAN



ONE STORY SCHEME – CONVENTIONAL CONSTRUCTION



AXONOMETRIC VIEW

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15



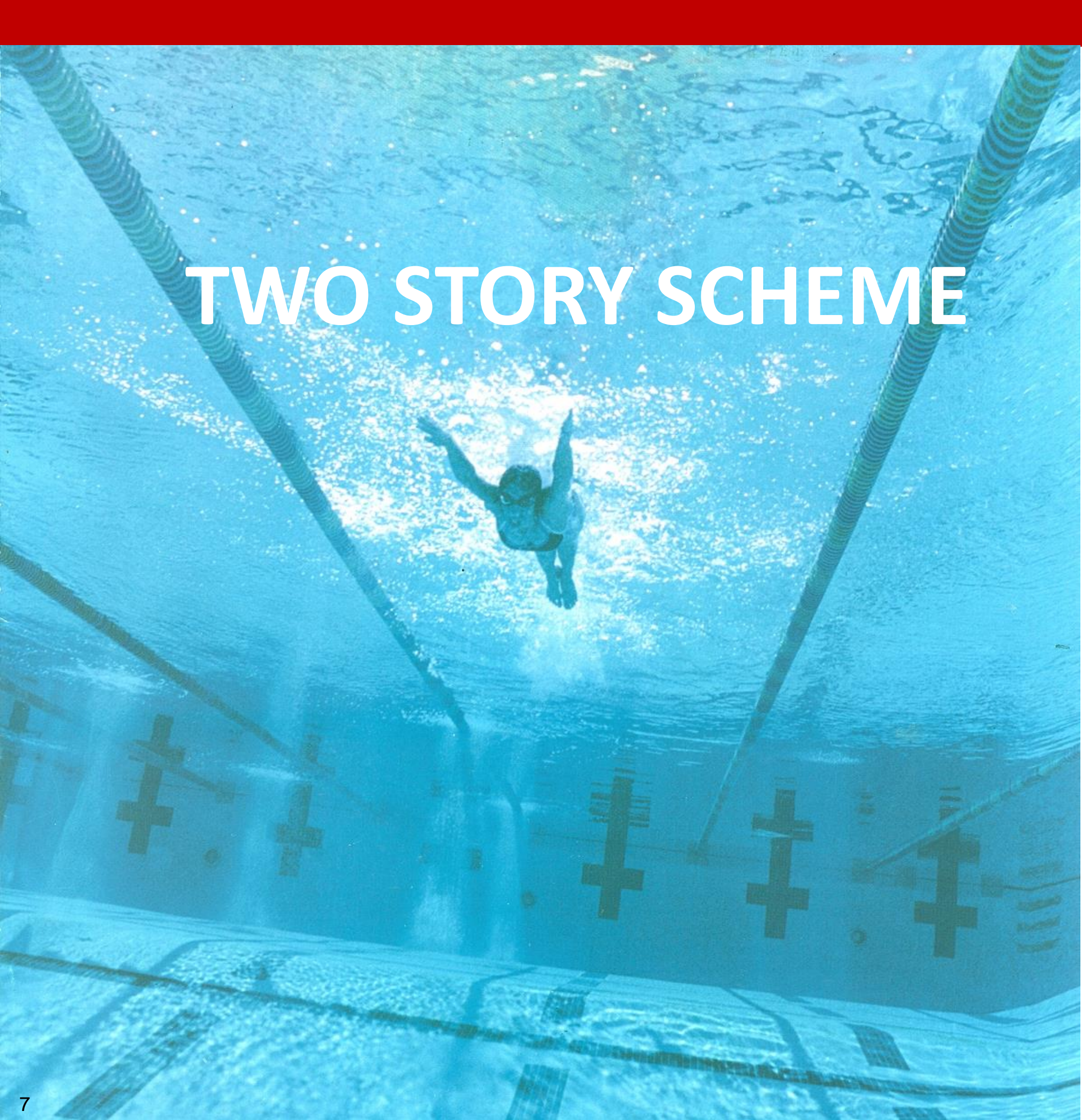


POOL VIEWS

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15



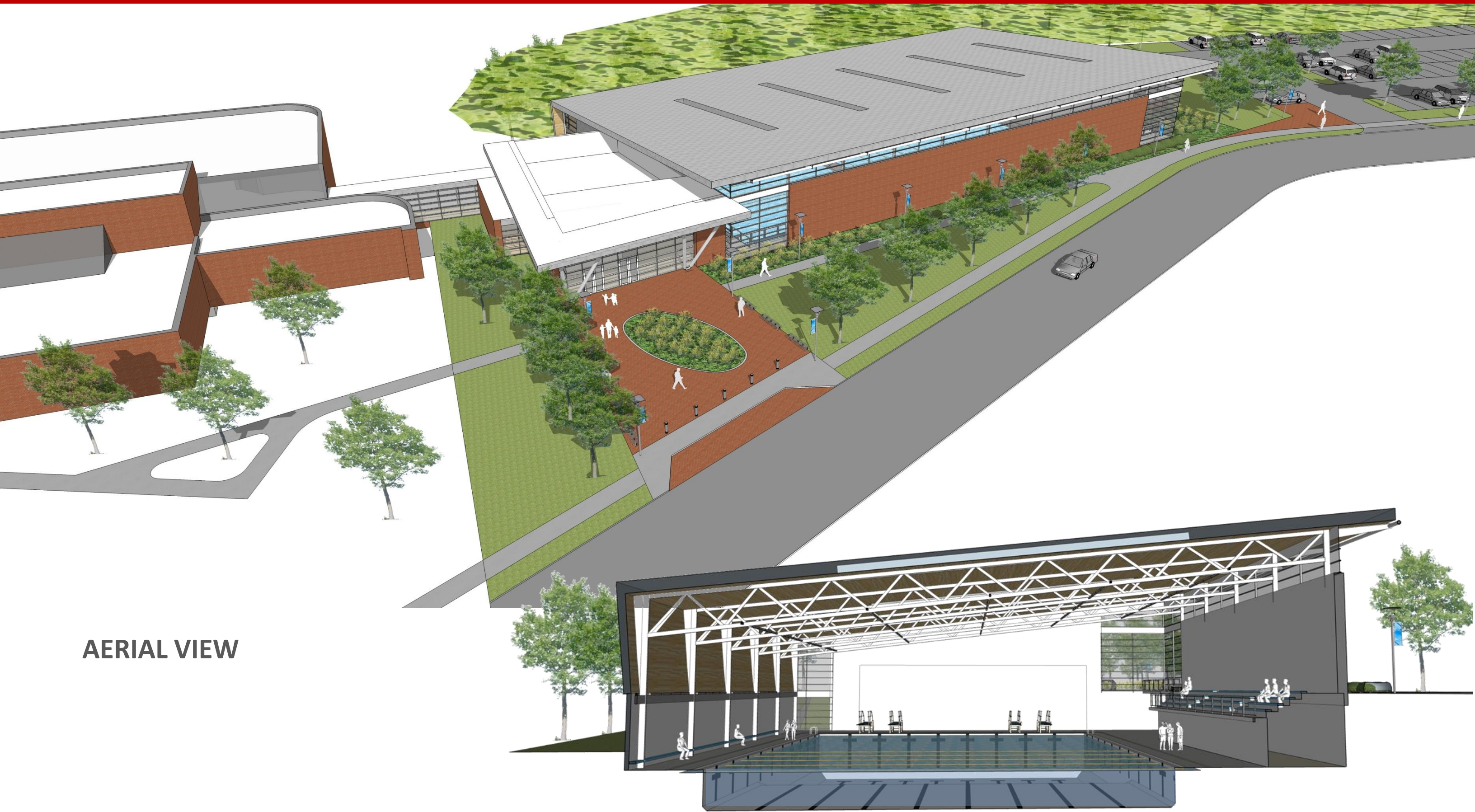


TWO STORY SCHEME

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15





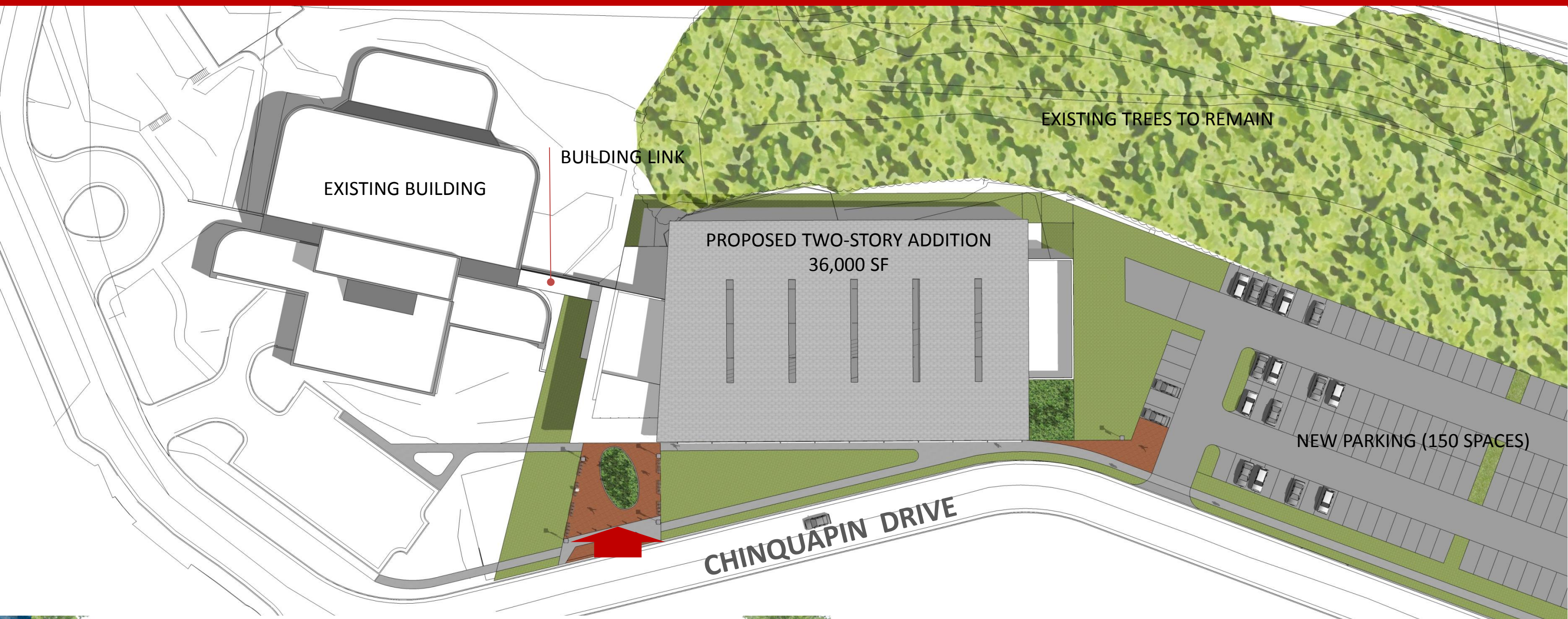
AERIAL VIEW

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15



TWO STORY SCHEME – CONVENTIONAL CONSTRUCTION



CONCEPTUAL SITE PLAN



ENTRY PLAZA VIEW

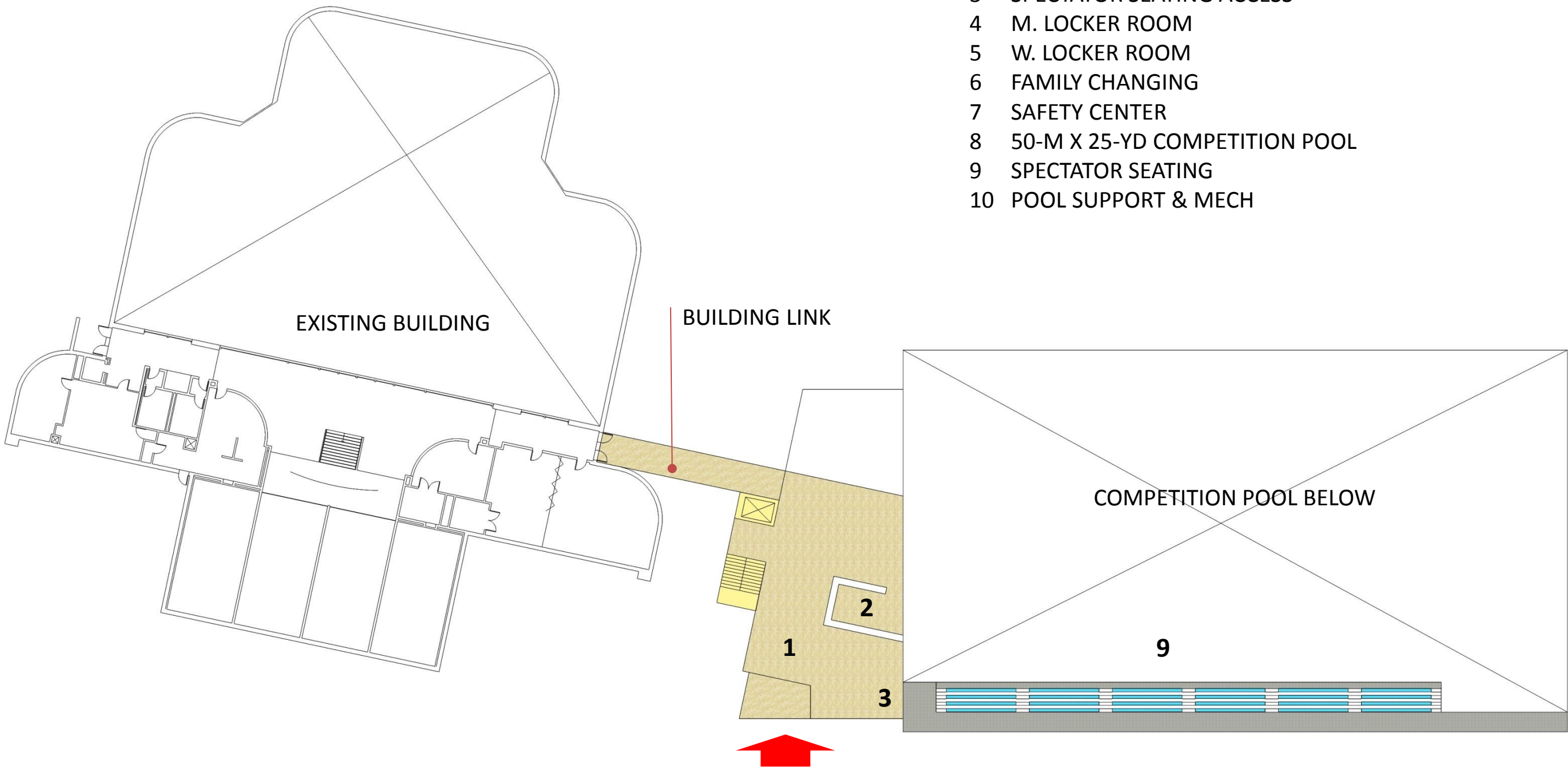
CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15

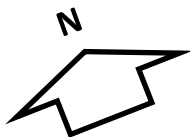


TWO STORY SCHEME – CONVENTIONAL CONSTRUCTION

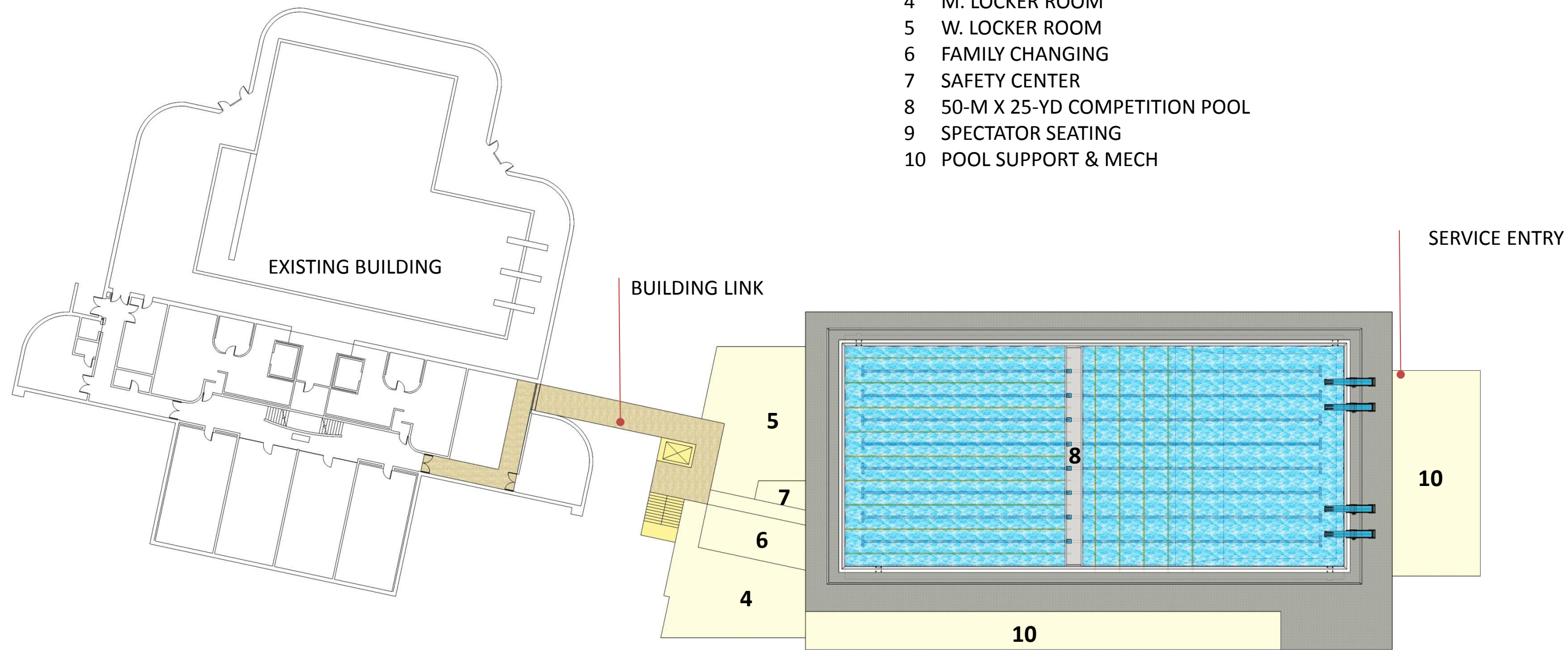
- 1 NEW ENTRY/LOBBY
- 2 CONTROL DESK
- 3 SPECTATOR SEATING ACCESS
- 4 M. LOCKER ROOM
- 5 W. LOCKER ROOM
- 6 FAMILY CHANGING
- 7 SAFETY CENTER
- 8 50-M X 25-YD COMPETITION POOL
- 9 SPECTATOR SEATING
- 10 POOL SUPPORT & MECH



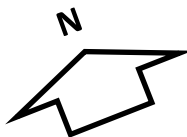
CONCEPTUAL UPPER LEVEL PLAN



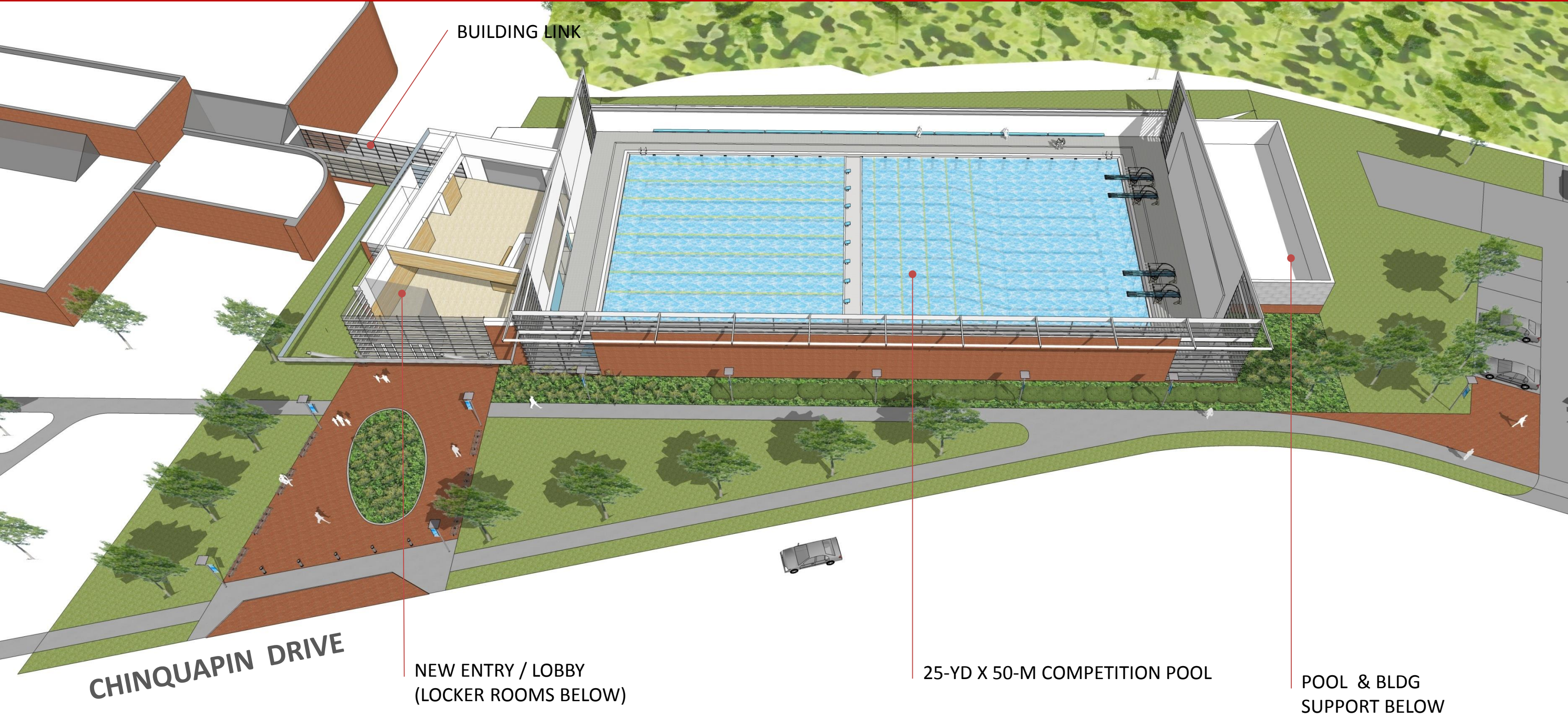
- 1 NEW ENTRY/LOBBY
- 2 CONTROL DESK
- 3 SPECTATOR SEATING ACCESS
- 4 M. LOCKER ROOM
- 5 W. LOCKER ROOM
- 6 FAMILY CHANGING
- 7 SAFETY CENTER
- 8 50-M X 25-YD COMPETITION POOL
- 9 SPECTATOR SEATING
- 10 POOL SUPPORT & MECH



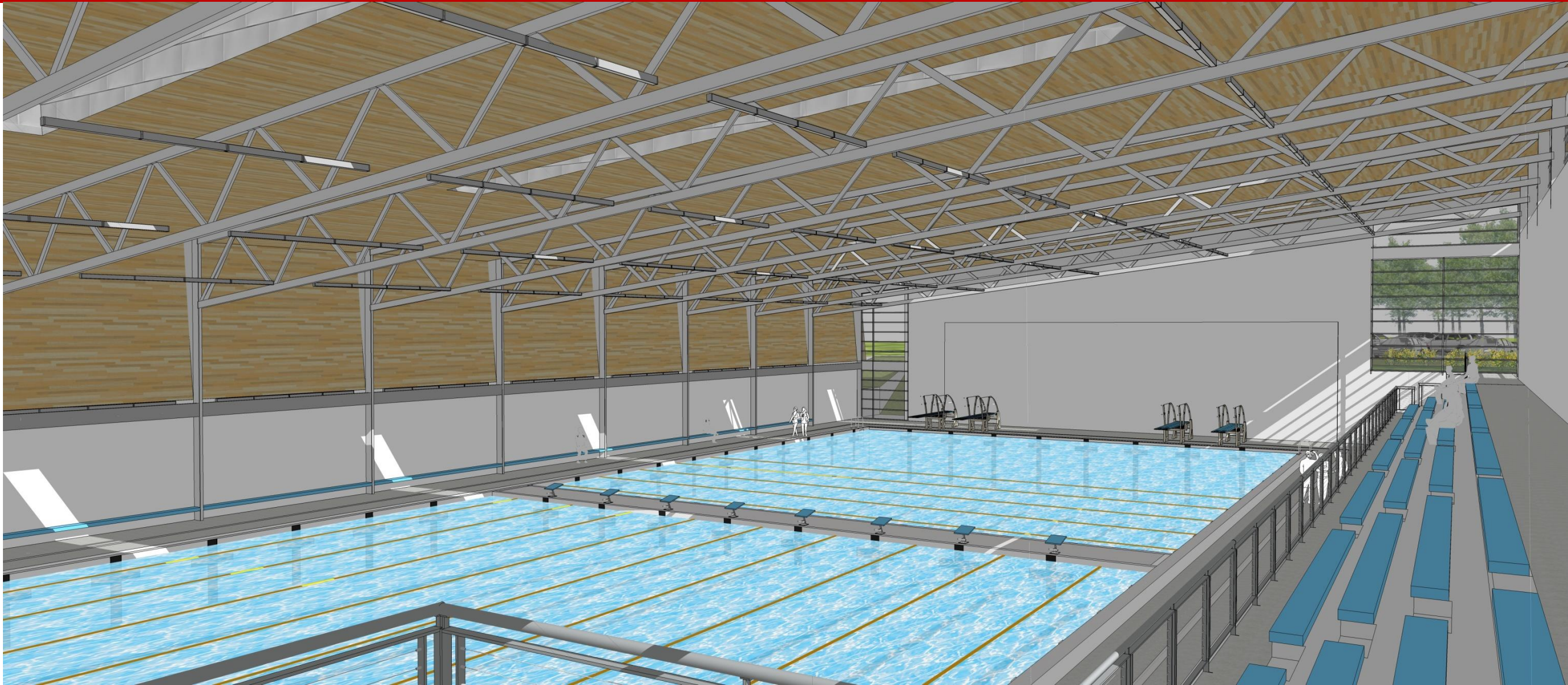
CONCEPTUAL LOWER LEVEL PLAN



TWO STORY SCHEME – CONVENTIONAL CONSTRUCTION



AXONOMETRIC VIEW



POOL VIEWS

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15



ALTERNATE CONSTRUCTION TYPES

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15





Middle Tyger YMCA in Duncan, South Carolina



Middle Tyger YMCA in Duncan, South Carolina



Star Hill Family Athletic Center in Tolland, Connecticut



Star Hill Family Athletic Center in Tolland, Connecticut

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15



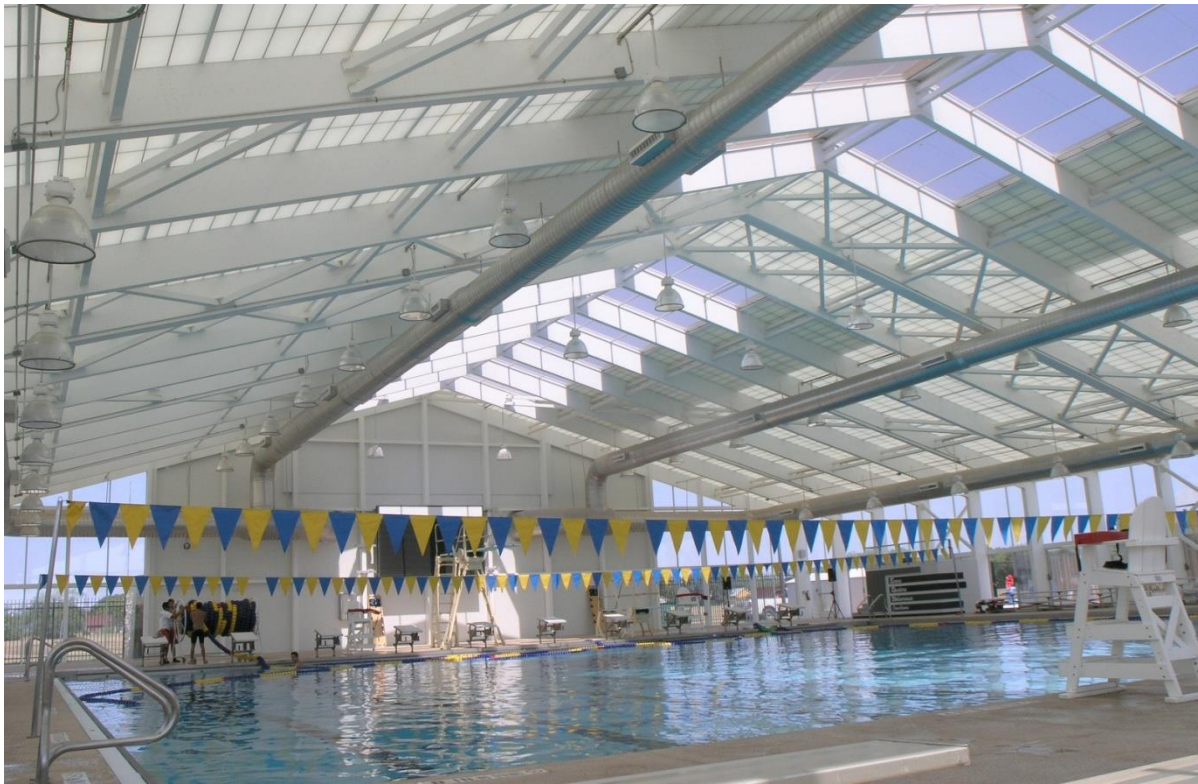
Edward T. Hall Aquatics Center in Prince Frederick, Maryland



YMCA in Portland, Oregon



Pharr Aquatic Center in Pharr, Texas



Pharr Aquatic Center in Pharr, Texas

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15





Collingwood Centennial Aquatic Centre in Ontario, Canada



Collingwood Centennial Aquatic Centre in Ontario, Canada



Kearns Oquirrh Park Fitness Center in Salt Lake City, Utah



Kearns Oquirrh Park Fitness Center in Salt Lake City, Utah

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15



BUDGET COMPARISON

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15



BUDGET COMPARISON



One-Story				Two-Story		
Option A	Option B	Option C	Option D	Option E	Option F	Option G
Conventional Construction	Pre -Engineered	Translucent Enclosure	Architectural Membrane	Conventional Construction	Pre -Engineered	Translucent Enclosure
\$ 24.5M	\$ 22.8M	\$ 25.4M	\$ 22.0M	\$ 27.1M	\$ 25.5M	\$ 28.3M



CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15



- At this time, staff recommends pursuing the pre-engineered building (Option B) to move forward through design and construction, if approved in the FY 2017-FY 2026 budget.
- Option B provides design alternatives that can address more seamless integration with the existing building and an appropriate neighborhood context.



Pre-engineered Structure (YMCA, South Carolina)



Pre-engineered Structure (YMCA, South Carolina)

CHINQUAPIN SWIM CENTER
REVISED CONCEPTS

12-31-15

The feasibility study is now complete, providing seven alternatives for expanding the Chinquapin Aquatics Center with a new 50 meter indoor pool. Following this update, the next steps for the project are:

- Project updates with the community and the Advocates for Alexandria Aquatics;
- FY 2017-FY 2026 budget discussions and CIP approval; and
- If approved, begin design and construction of new facility.