This arena through kinetics becomes 10 separate theater stages. It can be used to host gatherings of 500 to 51,000 people from intimate music performances to athletic events. Using Automated Kinetic Technology to adapt and reconfigure components it creates separate theaters/concert-hall performance spaces within one arena. By combining multiple typologies under one roof, it becomes an all inclusive destination, minimizing costs, consolidating resources and compounding income. The space is designed to accommodate all typologies at one time, under one roof, through morphological divided spaces, allowing visitors the full experience of light, sound, and video, regardless of the event.

38,000 Seats in the arena and expandable to 51,000

1.9 Million Square Feet

586 Kinetic Elements

The 24 foot high retractable doors raise to allow all acoustic tiles to be stored in the ceiling.

The 30 foot waffle slab roof structure supports the entire load of the kinetics and allows natural light.

214 kinetic automated walls

208 hydraulic floor lifts can raise and lower 24 feet.

There are 6500 feet of ceiling track for walls to navigate on.

Natural Light

214 automated walls each 118 feet tall and 18 inches thick.

Small partition walls which retract.

Above stage fly grid suspending all stage lights, drapes, and fly lines.

Acoustic clouds adaptable for desired needs.

KINETIC PERFORMANCE
This sprawling 50 feet wide colonnade raised level allows great views of downtown and Fair Park.

Digital LED display walls surround the exterior and 55 foot tall numbers mark each of the four doors.

The wood sculpture in each lobby brings dynamic curves to the formal lines. Doors on left divide the concourse into 4 sections.

This is one of 16 lounges, 12 restaurants, 32 concession counters, providing prime pre-show and post-show dining.

One of four, Palm Court shows the large multi-story concourse space and corridor doors to section the lobbies off.

One of 10 stages this one showing a standard proscenium configuration most common for touring shows and Broadway.

Anodized Aluminum slats made to look like wood span the entire structure and are concentrated on direct sun sides for shade.

Administrative offices located on level 4 provide views and easy access to all areas of the building.

Security command center for monitoring all functions of the facility is located on Level 2.

Sub-stage hydraulic lifts span the entire arena floor and act as elevators creating stages and raising elements.

The arena at full capacity for a concert with the stage at one end and no kinetic walls used. View from Level 8.