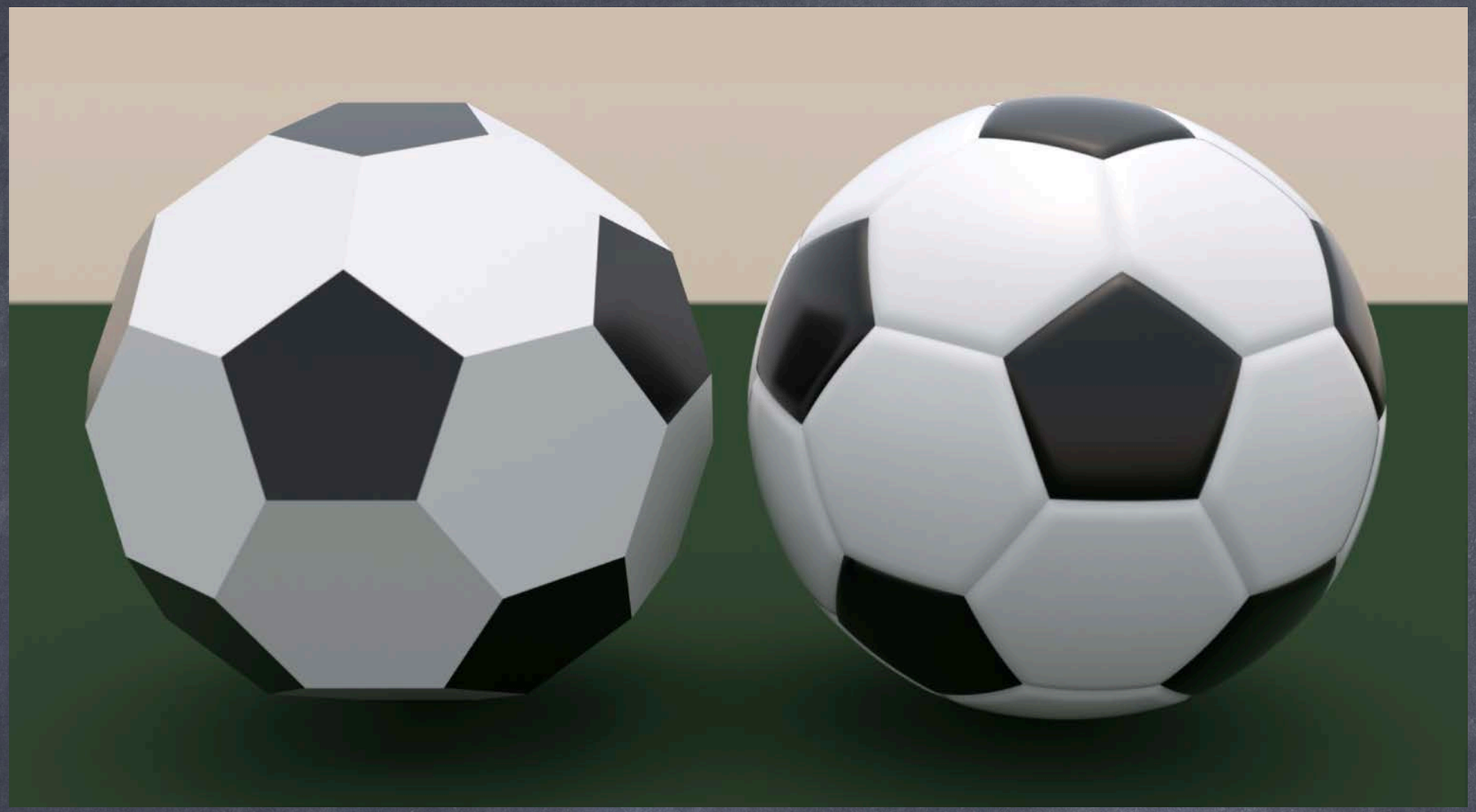
Reata Ranch (WestWorld) Sports Complex Public Art

Final Design

“32 Polygon Plaza”

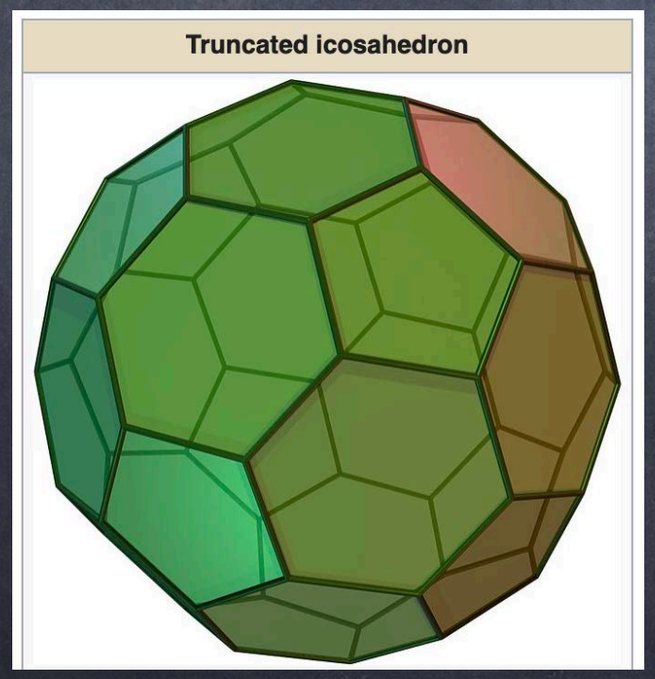


INSPIRATION

- Soccer - majority use for this area of the park
- Soccer ball pattern and history
- Iconic Black/White pattern
- 32 Polygons = Soccer ball shape, 12 Pentagons and 20 Hexagons = Truncated Icosahedron

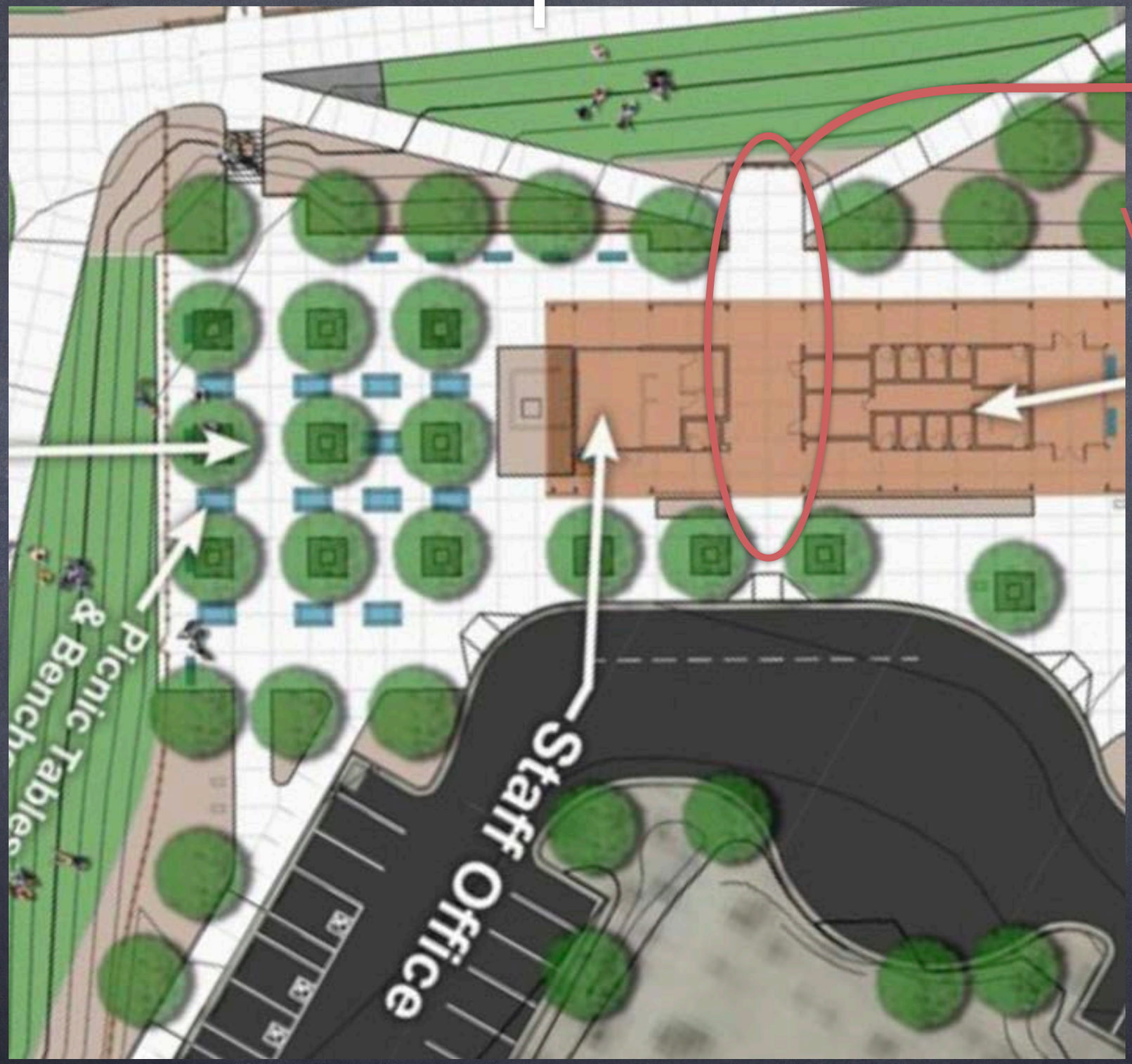
GOALS

- Explore ways to celebrate the shapes that inspired the soccer ball
- Use the simple polygons and iconic black/white pattern as the basis for design
- Clear to see the reference to the sport while not being overtly sport specific.
- Add functionality to the artwork
- Tie together art, sports, and public space





West fields 1-4



Artwork location at viewing area

Restrooms

Patio

South field 5

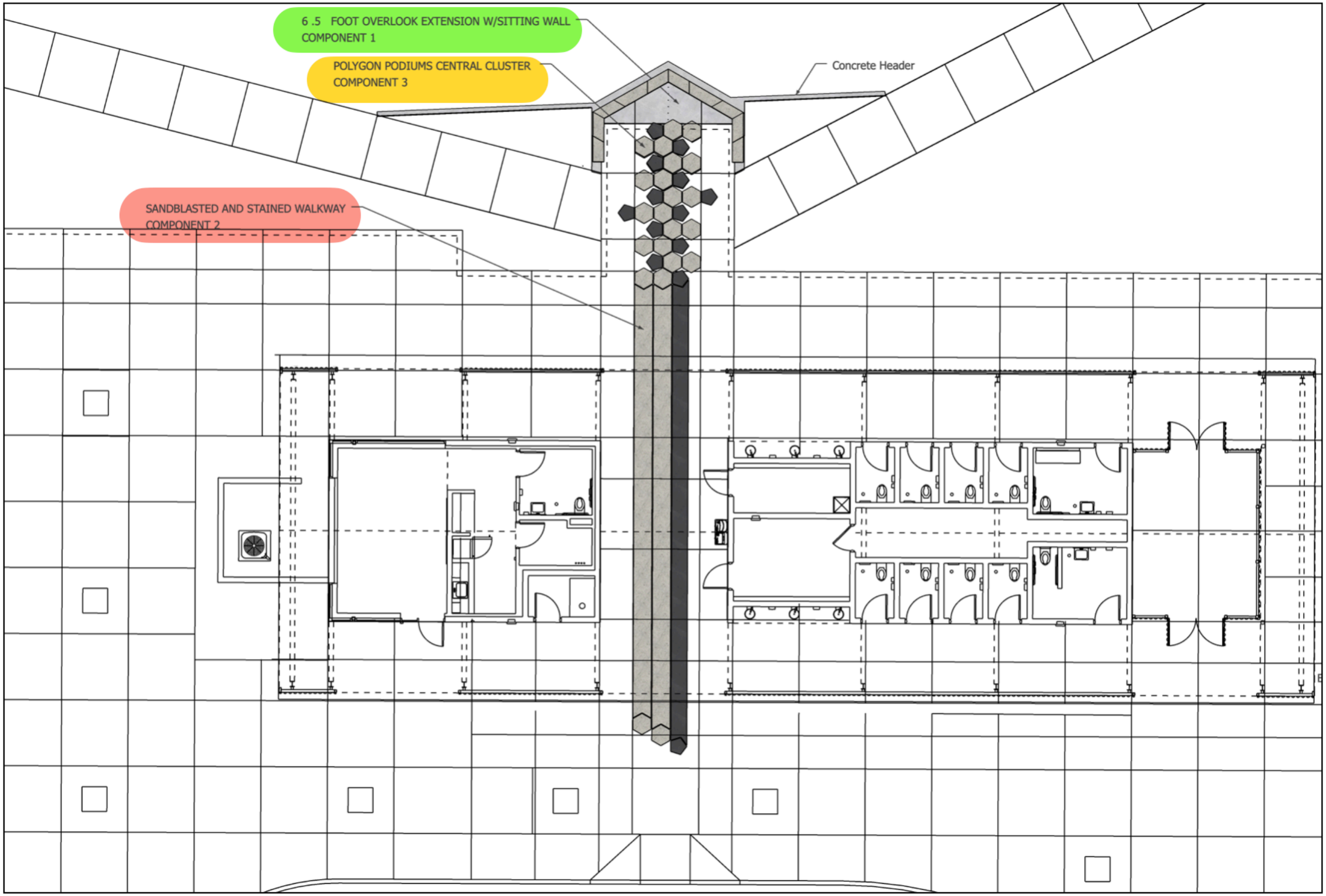
3 COMPONENTS

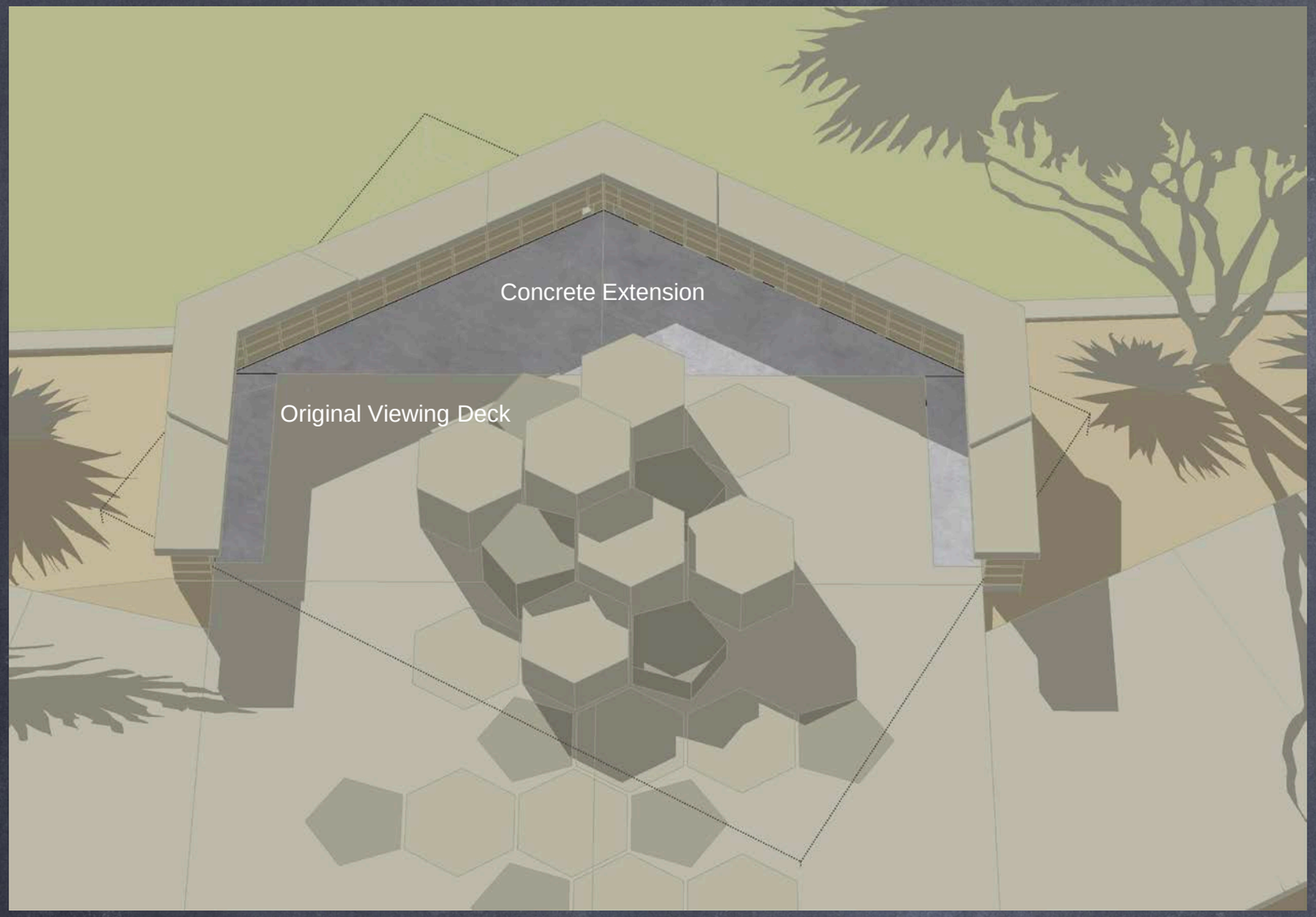
COMPONENT 1 - VIEWING AREA OVERLOOK EXTENSION-Hexagon sitting wall with concrete top: compressed earth block from the Brick by Brick program in Scottsdale.

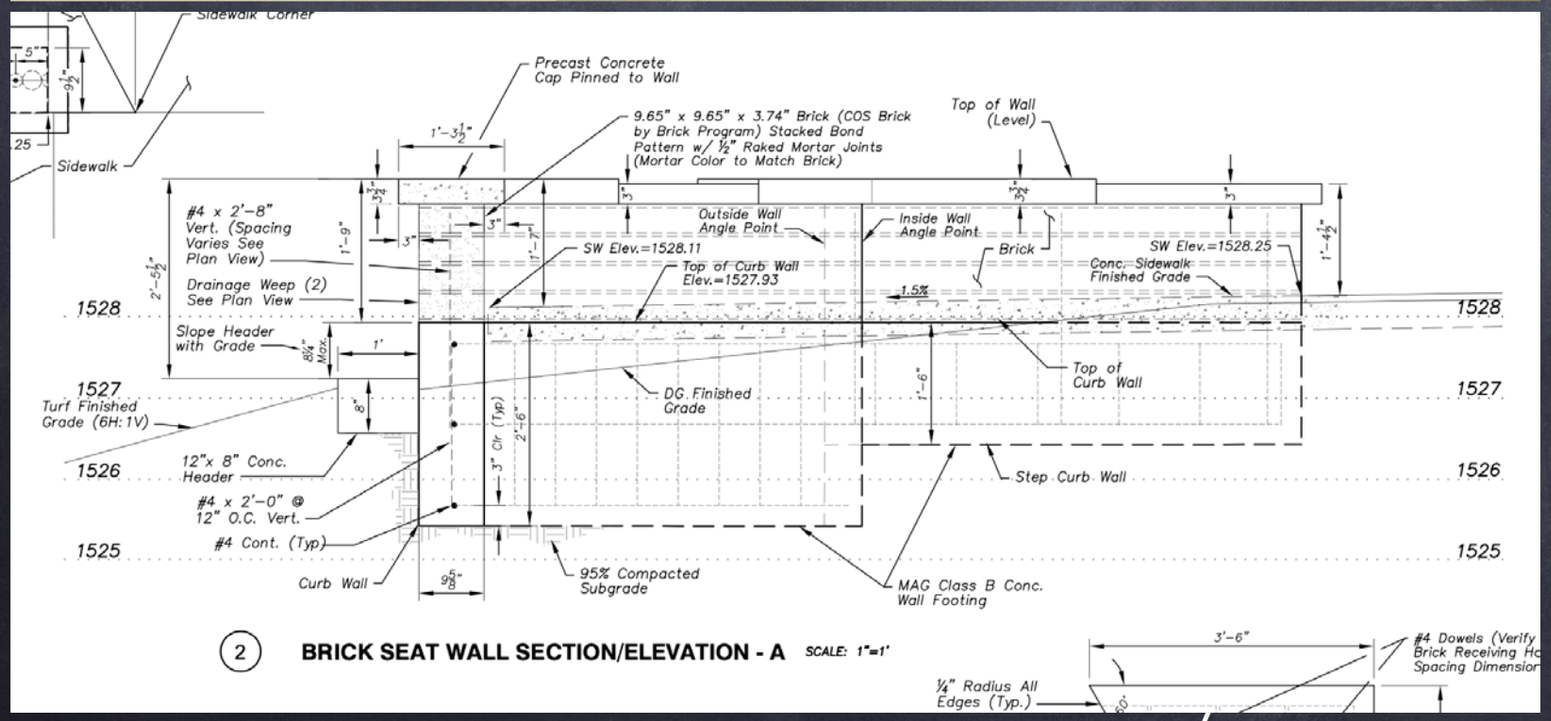
COMPONENT 2 - Stenciled and sandblasted concrete slab treatment with partial stained surfaces.

COMPONENT 3 - *Polygon Podiums-* precast concrete hexagons and pentagons of various heights.




6 .5 FOOT OVERLOOK EXTENSION W/SITTING WALL
COMPONENT 1
POLYGON PODIUMS CENTRAL CLUSTER
COMPONENT 3
Concrete Header
SANDBLASTED AND STAINED WALKWAY
COMPONENT 2





Overlook Extension

- Center section of breezeway and extension will be upgraded from 5/8” aggregate to 3/8” aggregate concrete mix where sandblasting occurs for better results.
- Approximately 7 feet will be added to the originally planned viewing deck.
- The deck will continue the theme of the Hexagon
- A new 12” concrete landscape header will be added by park

COMPONENT 1

HEXAGON SITTING WALL



- Defines the space
- Increases seating options and function of the space
- Earth tones to contrast with the black/grey concrete (Compressed earth block from Brick by Brick)
- Formed concrete top with built in skate stops



- Brick by Brick product
- Made in Scottsdale with socially responsible labor program.
- Beautiful look
- Sustainable material
- Reduced labor, masonry costs compared to rammed earth or poured concrete



BRICK BY BRICK
CITY OF SCOTTSDALE

Contact Information

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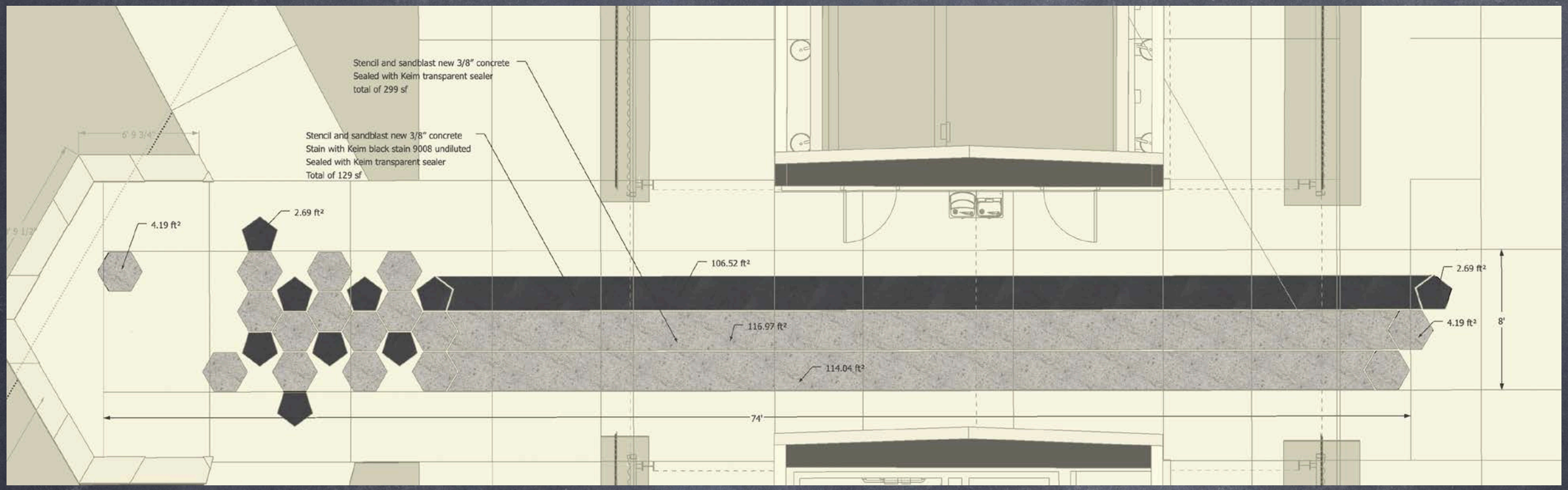


BRICK BY BRICK CONSTRUCTION

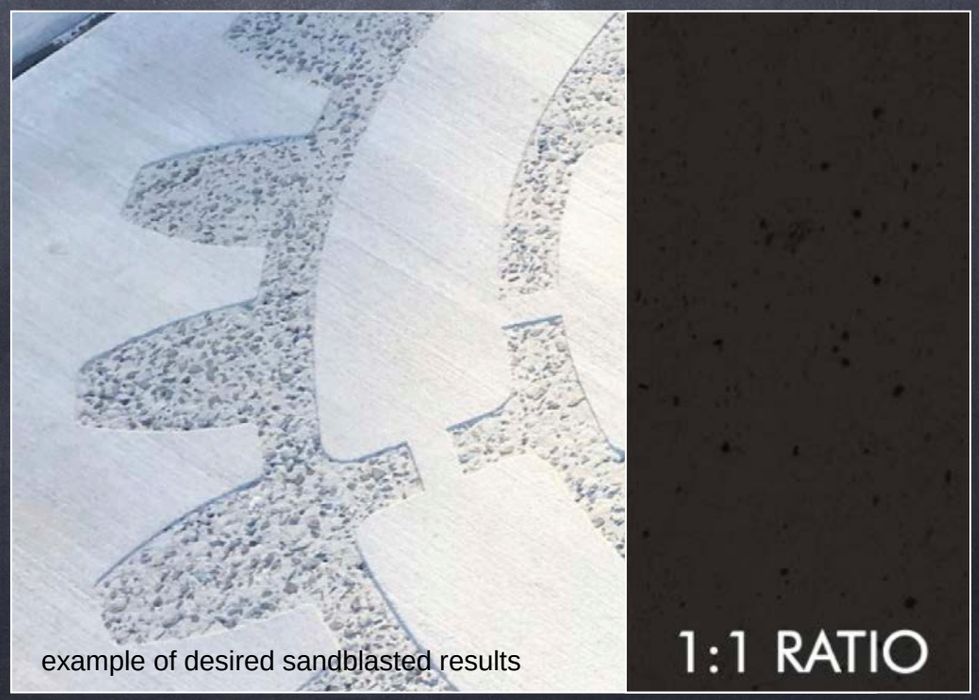
- Approx. 35’ in length
- Brick base 16” tall x 9.5” wide. Concrete top 3”-3.75” thick x 16’ wide
- 3/4 inch variations in top surface to provide a pattern to prevent skateboarding.

COMPONENT 2

SANDBLASTED POLYGON PATTERN / SURFACE TREATMENT



- Polygon pattern to be stenciled onto concrete slab.
- 1" gaps between all polygons to eliminate water pooling.
- Total of approximately 419 sq feet of horizontal surface sandblasting.
- Approximately 129 sf of that surface will need to be stained with KEIM 9008. 2 coats, 1 to 1 dilution.
- All 419 sf of sandblasted surfaces to be sealed with KEIM invisible sealer.



example of desired sandblasted results

PRODUCT SPECIFICATIONS

STAIN-KEIM CONCRETAL STAIN 9008 All stained areas both vertical and horizontal surfaces are to be stained with KEIM Concretal stain 9008. 1:1 ratio. Minimum of one coat (TBD after test).

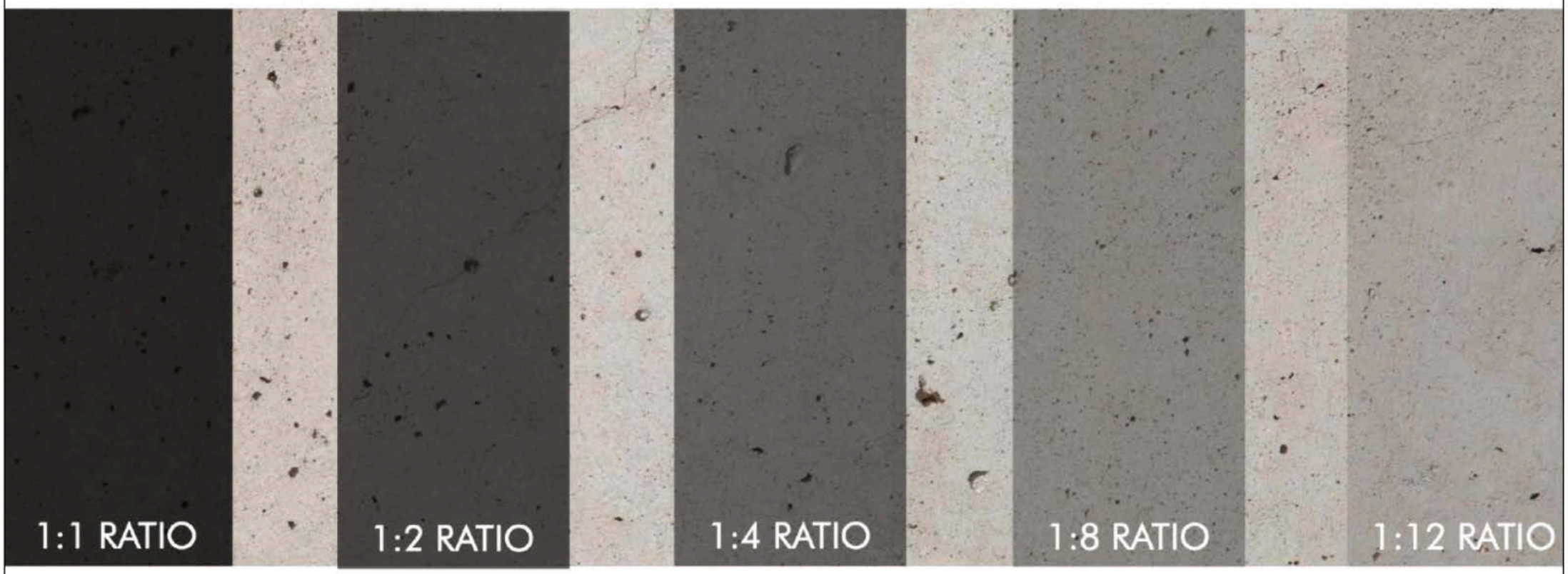
Approximately 206 sf total of stained area

SEALER-KEIM FACEAL OLEO HD clear Heavy duty eco protective finish- for protecting stained surfaces. Resisting dirt, grease and graffiti.

Approximately 885 sf total of sealed area.

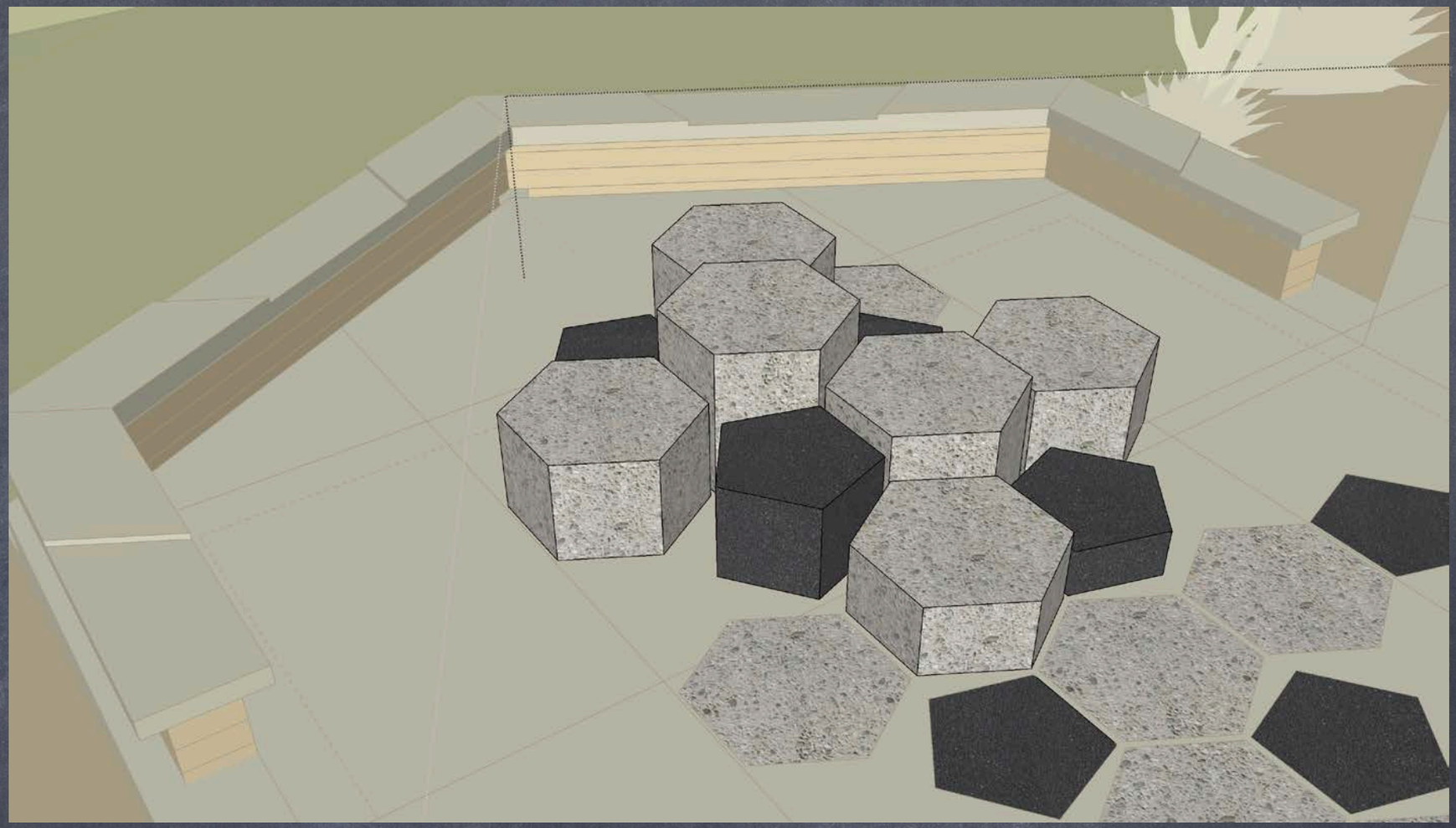
CONCRETAL STAIN 9008 BLACK

Stain is mixed with Concretal Clear Dilution in mixing ratios below to make stain more translucent.



COMPONENT 3
POLYGON PODIUMS
CENTRAL CLUSTER

- Form cast
- 3/8 aggregate concrete
- Sandblasted to match other sandblasted surfaces
- Total of 9 pieces of various heights. Some at 17”-19” to meet ADA seating requirements
- Total of 128 sf of surface area to sandblast w/32 sf of that total to be stained as well with KEIM 9008
- All 128 sf surfaces to be sealed with KEIM clear sealer/anti graffiti coating















MAINTENANCE

- No maintenance is expected for a minimum of 10 years.
- KEIM manufacturer gives an estimated lifespan of the 9008 stain as 20 years or more with the OLEO HD sealer.
- The sealer will need to be used over all horizontal stained surfaces and I plan to cover all sandblasted surfaces stained or not because it also acts as a permanent anti-graffiti coating.
- The estimated life span on the sealer is 10 years and can simply be reapplied by any painting contractor in the future. The sealant is only available at the moment in 6.6 gallons. Cost is $840 but It will cover far more than the 1000 sf needed for this project.