



NOVI CIVIC CENTER HOME OF THE BRAVE REVISED CONCEPT PLAN

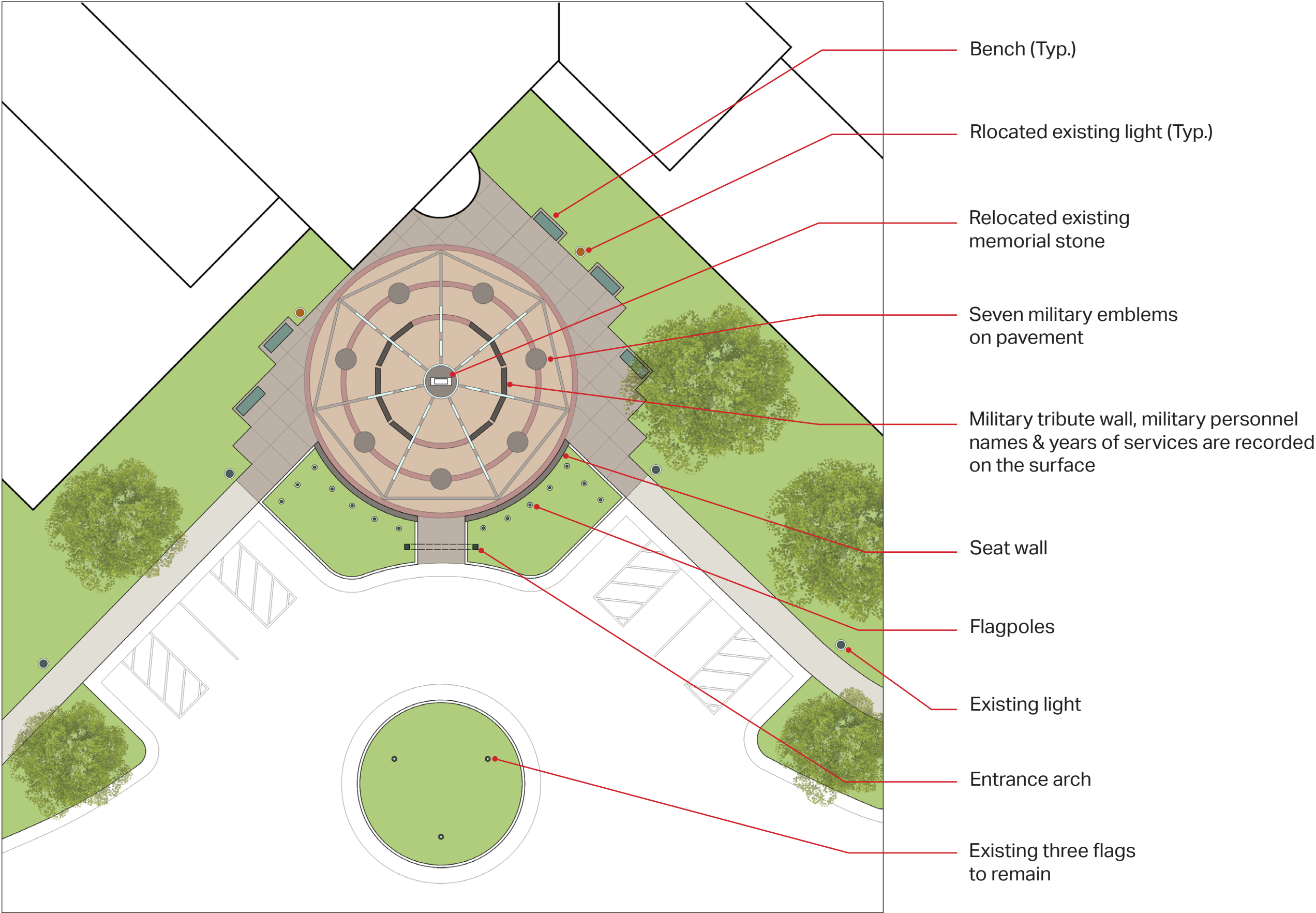


JUNE 29, 2023

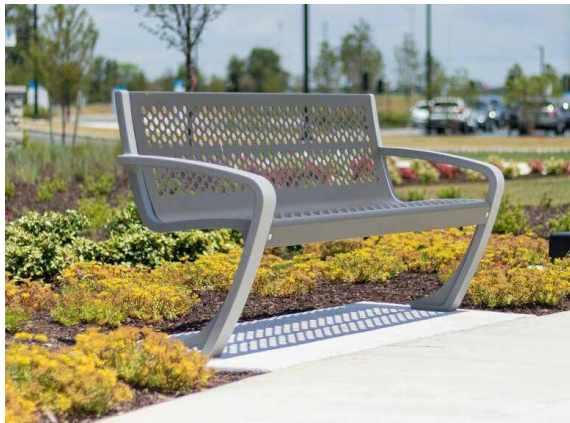
Home of the Brave Plaza - Aerial View



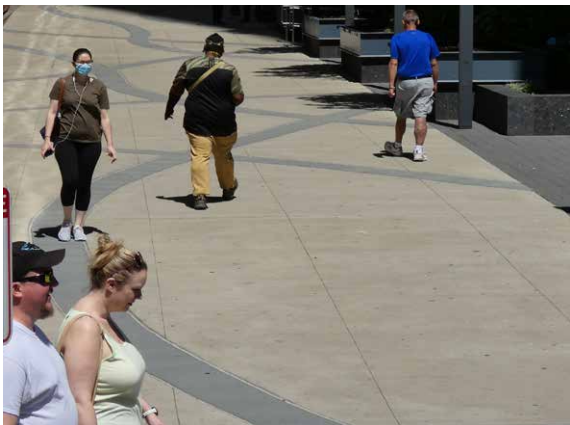
Home of the Brave Plaza - Site Plan



Home of the Brave Plaza - Material Concept



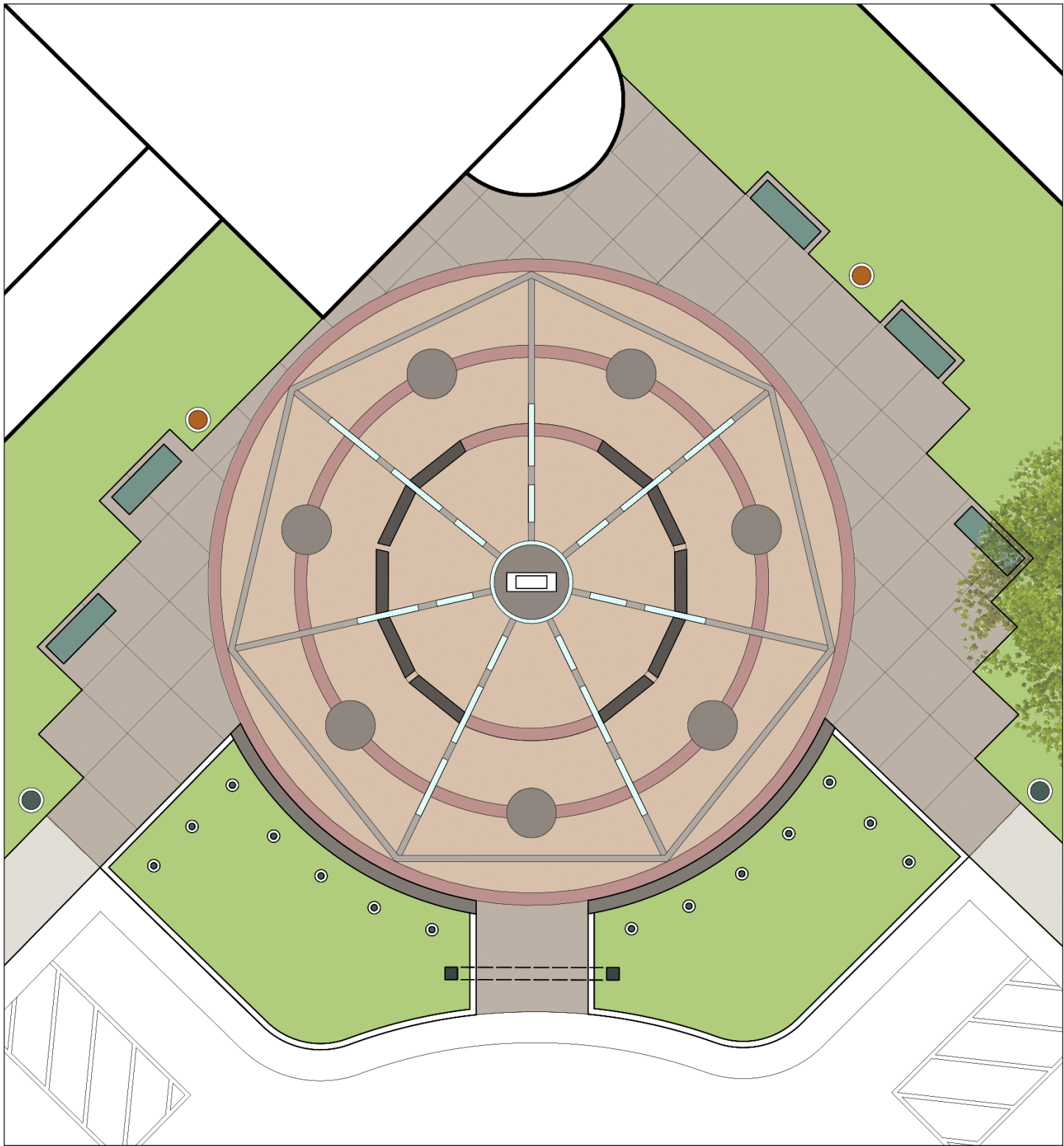
Bench
6'L cast aluminum



Colored concrete
Sand, Tan and Medium Gray



Seatwall
15"W x 18"H Colored concrete,
Medium Gray



Military emblems etched on granite
3' Diameter

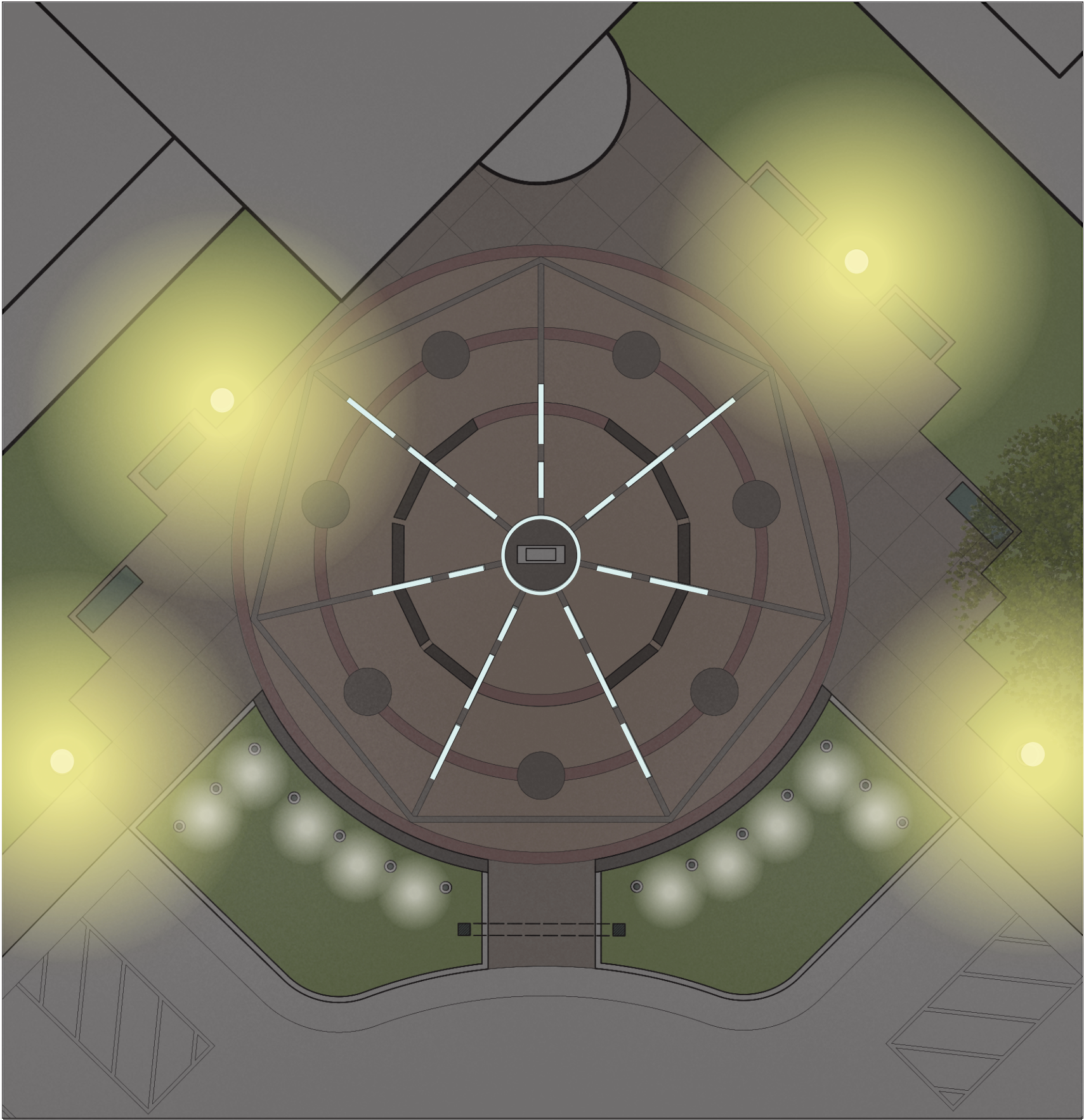


Military tribute wall
5'L x 5'H x 9"D granite, matte finish



Entrance arch
14'L x 12'H steel frame

Home of the Brave Plaza - Lighting Concept



Existing pedestrian walkway lights

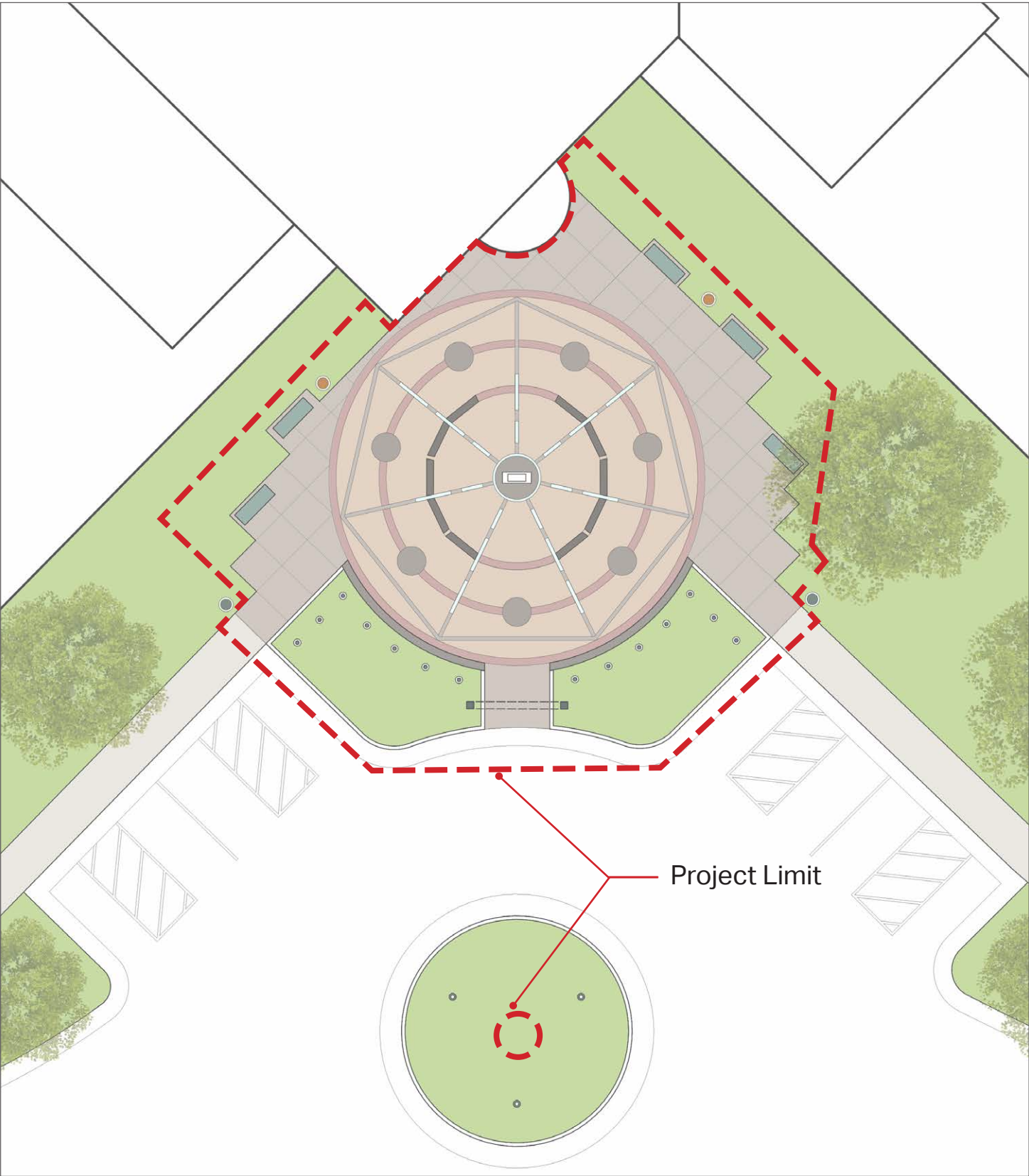


Linear paving lights



Flagpole accent uplights

Home of the Brave Plaza - Preliminary Cost Estimate



Item Description	Unit	Quantity	Unit Price	Total Cost
Mobilization (10%)	LS	1	31,986	\$ 31,986
Pre-Construction Audio-Visual	LS	1	2,000	\$ 2,000
Site Demolition/Clearing	SF	5,200	3	\$ 13,000
Curb and Gutter, Rem	FT	82	12	\$ 984
Curb and Gutter, Conc	FT	82	30	\$ 2,460
Relocated Memorial Stone	LS	1	500	\$ 500
Paving - Concrete Walkway	SF	1,235	8	\$ 9,880
Paving - Colored Concrete in Central Plaza	SF	2,125	25	\$ 53,125
Aggregate Base, 21AA, 6 inch	SY	374	11	\$ 4,110
Tribute Wall - 5'L x 5'H x 0.75'W Granite	LS	10	10,000	\$ 100,000
Military Emblem on Granite	LS	7	3,000	\$ 21,000
Bench - 6' L	EA	5	2,000	\$ 10,000
Seatwall - 15" W x 18"H Colored Concrete Wall	LF	50	100	\$ 5,000
Flagpole	EA	14	2,200	\$ 30,800
Tribute Arch	EA	1	30,000	\$ 30,000
Landscaping	LS	1	5,000	\$ 5,000
Lighting - Relocated Pedestrian Walkway Lights	EA	2	1,000	\$ 2,000
Lighting - Linear Paving Lights	LS	1	10,000	\$ 10,000
Lighting - Flagpole Accent Lights	EA	10	500	\$ 5,000
Site Utility Allowance - Storm Drain & Electrical	LS	1	15,000	\$ 15,000
Misc Items (15%)	LS	1	52,777	\$ 52,778
Construction Contingency	10%			\$ 40,462
Base Bid Construction Cost				\$ 404,623
Design Engineering	9.00%			\$ 36,416
Design Contingency	10%			\$ 3,642
Construction Engineering	7.00%			\$ 28,324
Crew Days	\$ 700	30		\$ 21,000
				\$ 89,381
TOTAL COST				\$ 494,004

Estimate Assumptions:
 Conceptual estimate is the predesign effort to inform the City of the anticipated costs.
 Tribute wall includes matte granite wall. The cost of the military personnels' name plaques are not included.
 No work will be made to the parking lot.
 Estimate for utility allowance may change based on where lines need to be run to and from.

Home of the Brave Plaza - Rendering



Bird's Eye View

Home of the Brave Plaza - Rendering



Partial Bird's Eye View

Home of the Brave Plaza - Rendering



Eye Level View