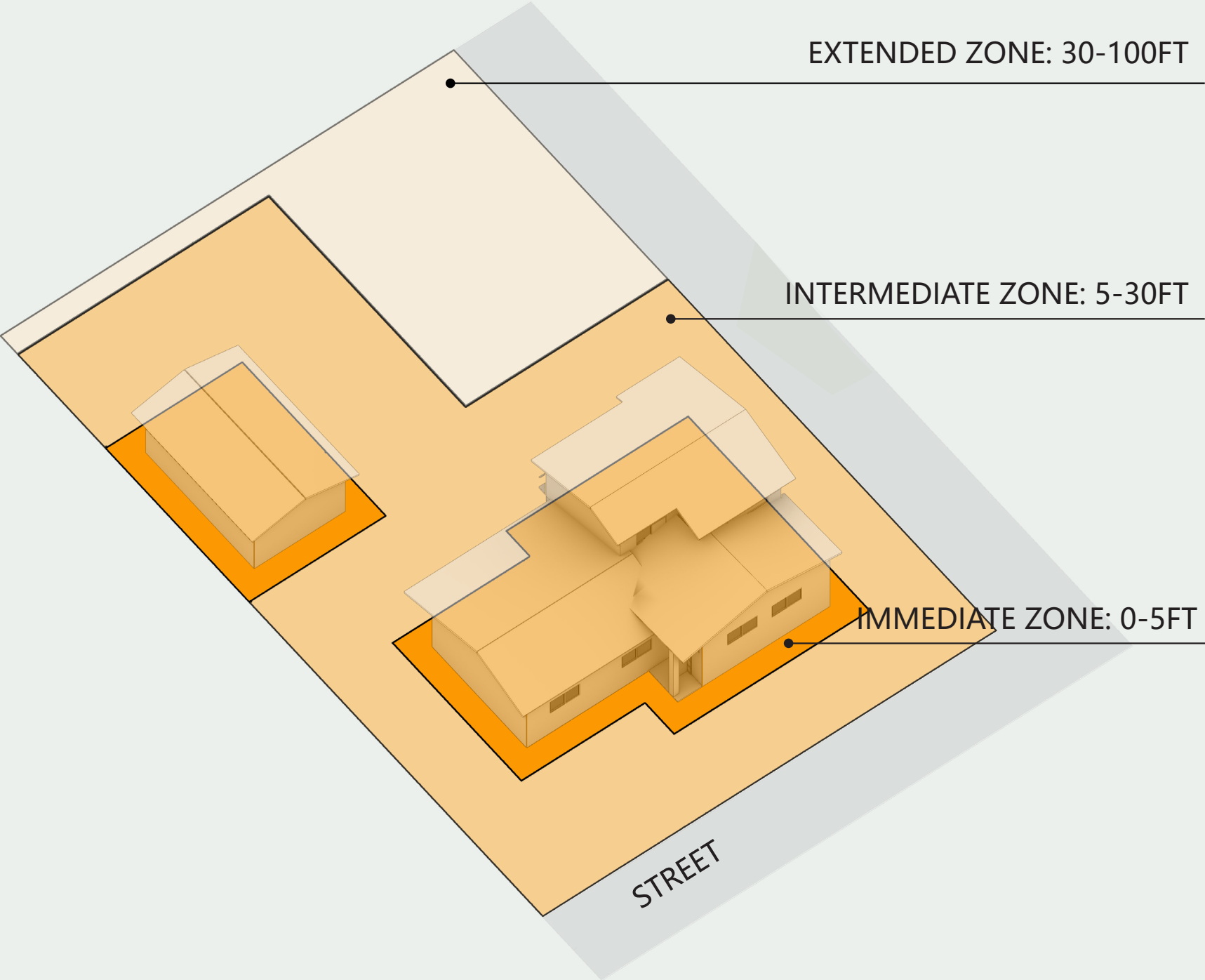


Design Guidance

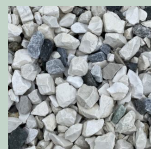


Positive Materials

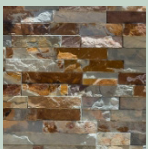
This zone should help to reduce the fire spread and restrict fire movement into the crowns of trees or shrubs.

This zone allows for a limited amount of vegetation, which should be arranged in discontinuous clusters or islands. The vegetation within this zone must be kept green and well-irrigated throughout the fire season.

Hardscape Feature:
Nature stone, decomposed granite, gravel, a concrete or brick walkway



gravel



nature stone



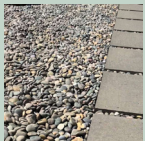
bricks



concrete



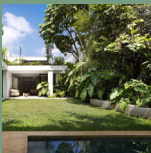
decomposed granite



cobblestones

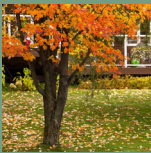
Negative Materials

ladder fuels (e.g., shrubs, lower branches, smaller trees)



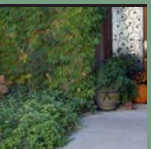
multiple levels of plants without enough space in between

vegetation debris and dead materials



deciduous plants

keep this zone clean of any woody materials, wood mulch, or flammable vegetation



flammable vegetation in 0-5' zone



woody materials in 0-5' zone












Scheme 1: High-end Scenario



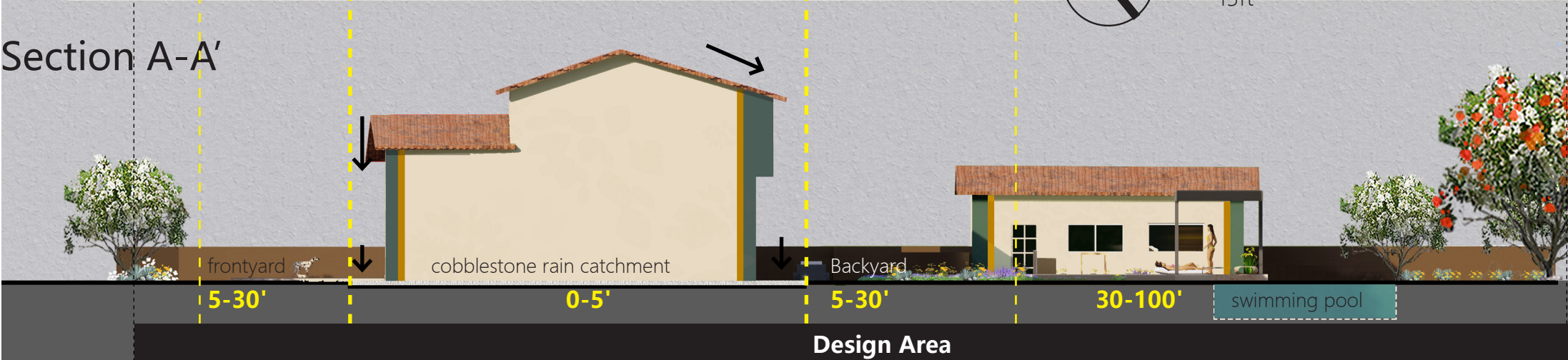
Master Plan

- 1. frontyard entrance
- 2. backyard entrance
- 3. natural stone paved frontyard patio
- 4. natural stone paved backyard patio
- 5. entrance fountain
- 6. fish pond
- 7. stepping stone
- 8. sunset corner
- 9. shelter
- 10. swimming pool
- 11. concrete wall
- 12. rain catchment (decomposed granitem & cobblestone)

Fire-Smart Plants List

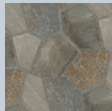

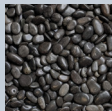

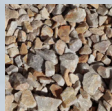

	Lily-of-the-Nile	Agapanthus spp
	Agave	Agave spp
	Aloe	Aloe spp
	Evergreen Candytuft	Iberis sempervirens
	Blue Chalksticks	Senecio serpens, mandralisce, vitalis
	Iris	Iris spp
	California Poppy	Eschscholzia spp
	Gum Plant	Grindelia stricta
	Winter Creeper	Eounymus Fortunei coloratus
	Privet	Ligustrum spp
	Strawberry Tree	Arbutus unedo

Section A-A'



Budget

\$47,496.5

Hard Pavement		Area/Volume sq ft/cu ft	\$/Unit	Cost	Vegetations	Number	Dollar/Seed Bag	Cost(\$)	Outdoor Furniture		Number	\$/Unit	Cost(\$)
natural stones		1500	5.3	7,950	Lily-of-the-Nile	5	10	50	metal shelter		1	7000	7,000
cobblestones		600	1	600	Agave	10	10	100	sofa & tables		2	750	1,500
decomposed granite		700	3	2,100	Aloe	20	9	180	wood fence gate		2	289	578
concrete		250	3	750	Evergreen Candytuft	3	12	36					
swimming Pool			1	25,000	Blue Chalksticks	30	10	300					
					Iris	20	15	300					
					California Poppy	3	6.5	19.5					
					Gum Plant	5	5	25					
					Winter Creeper	4	20	80					
					Privet	12 (small)	40	480					
					Strawberry Tree	4 (big)	112	448					
total				\$36,400				\$2,018.5					\$9,078



Key Design Interventions for Fire Resistance



Backyard Patio Perspective Rendering









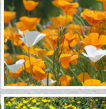



Scheme 2: Medium Cost Scenario



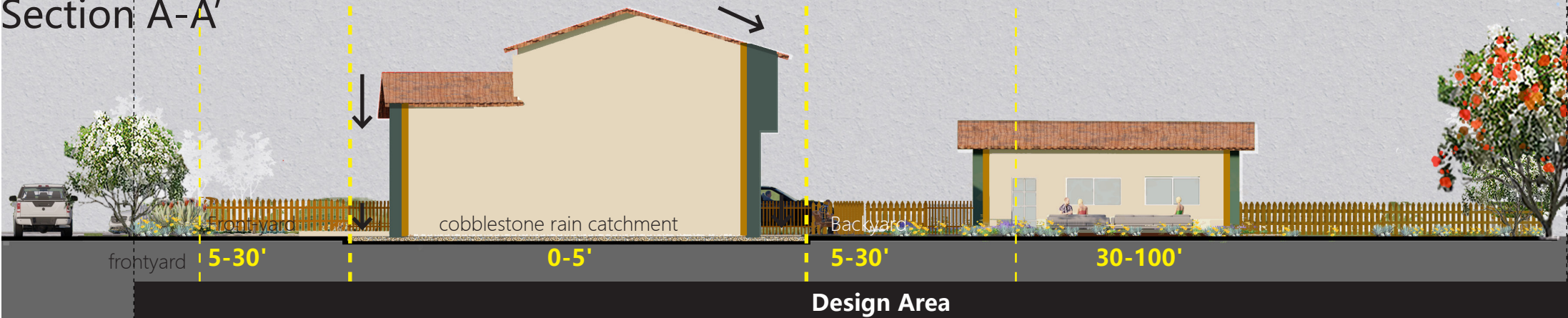
Master Plan

- 1. frontyard entrance
- 2. backyard entrance
- 3. natural stone paved frontyard patio
- 4. natural stone paved backyard patio
- 5. entrance garden
- 6. stepping stone
- 7. sunset corner
- 8. flower garden
- 9. metal gate
- 10. original wooden fence
- 11. rain catchment (decomposed granite)

Fire-Smart Plants List

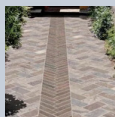





	Lily-of-the-Nile	Agapanthus spp
	Agave	Agave spp
	Aloe	Aloe spp
	Evergreen Candytuft	Iberis sempervirens
	Blue Chalksticks	Senecio serpens, mandralisce, vitalis
	Iris	Iris spp
	California Poppy	Eschscholzia spp
	Gum Plant	Grindelia stricta,
	Privet	Ligustrum spp
	Strawberry Tree	Arbutus unedo

Section A-A'



Budget

\$4,876.5

Hard Pavement		Area/Volume sq ft/cu ft	\$/Unit	Cost	Vegetations	Number	Dollar/Seed Bag	Cost(\$)	Outdoor Furniture	Number	\$/Unit	Cost(\$)	
natural stones		1000 (sq ft)	2	2,000	Lily-of-the-Nile	5	10	50	sofa & tables		1	360	360
decomposed granite	 	300 (sq ft)	3	900	Agave	10	10	100					
					Aloe	10	9	90					
					Evergreen Candytuft	3	12	36					
					Blue chalksticks	20	10	200					
					Iris	10	15	150	metal gate		4	85	340
					California Poppy	3	6.5	19.5					
					Gum Plant	5	5	25					
					Privet	6 (small)	40	240	paint for fence		1	114	114
					Strawberry Tree	1 (big)	112	112					
total				\$3,146	\$1,022.5				\$954				



Key Design Interventions for Fire Resistance



Backyard Patio Perspective Rendering











Scheme 3: Low Cost Scenario

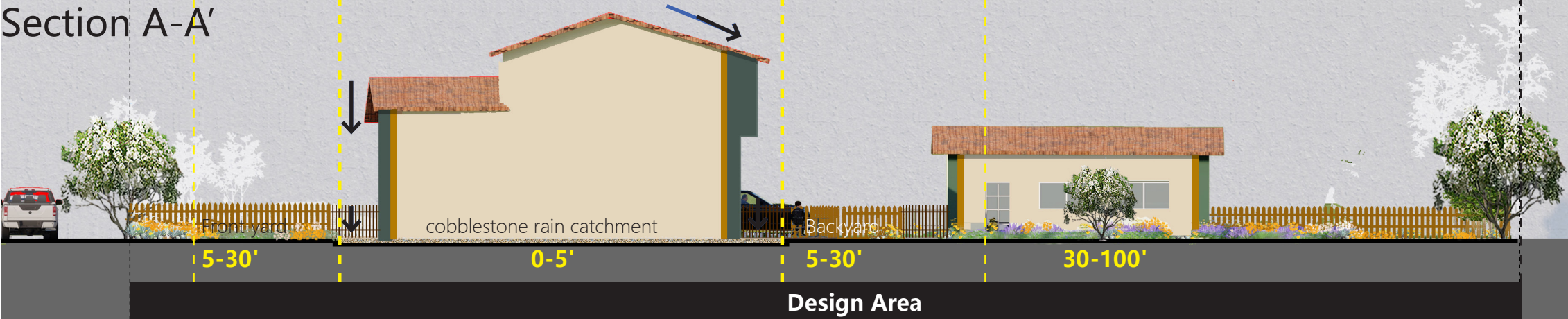
Master Plan

- 1. frontyard entrance
- 2. backyard entrance
- 3. decomposed granite paved frontyard patio
- 4. decomposed granite backyard patio
- 5. entrance garden
- 6. flower garden
- 7. metal gate
- 8. original wooden fence
- 9. rain catchment (decomposed granite)

Fire-Smart Plants List


	Lily-of-the-Nile	Agapanthus spp
	Agave	Agave spp
	Aloe	Aloe spp
	Evergreen Candytuft	Iberis sempervirens
	Blue Chalksticks	Senecio serpens, mandralisce, vitalis
	California Poppy	Eschscholzia spp
	Gum Plant	Grindelia stricta
	Privet	Ligustrum spp

Section A-A'



Budget

\$2,326.5

Hard Pavement		Volume cu ft	\$/Unit	Cost(\$)	Vegetations	Number	Dollar/Seed Bag	Cost(\$)	Outdoor Furniture	Number	\$/Unit	Cost(\$)
decomposed granite	 	420	3	1,350	Lily-of-the-Nile	3	10	30	second-hand chairs & tables	2	100	200
					Agave	5	10	50				
					Evergreen Candytuft	3	12	36	second-hand metal gate	4	50	200
					California Poppy	3	6.5	19.5				
					Gum Plant	5	5	25	paint for fence	1	114	114
					Privet	7 <small>(small)</small>	40	280				
					Strawberry Tree	1	112	112				
total				\$1,260	\$552.5				\$514			



Key Design Interventions for Fire Resistance



Backyard Patio Perspective Rendering

