

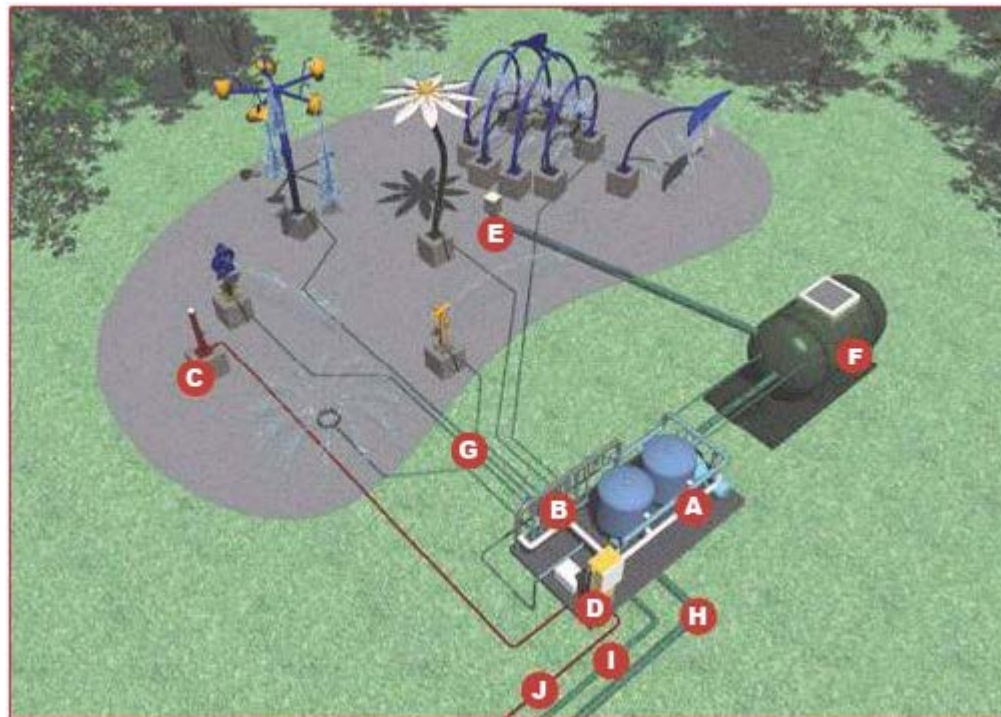


SPLASH PAD FEASIBILITY STUDY **UPDATE**

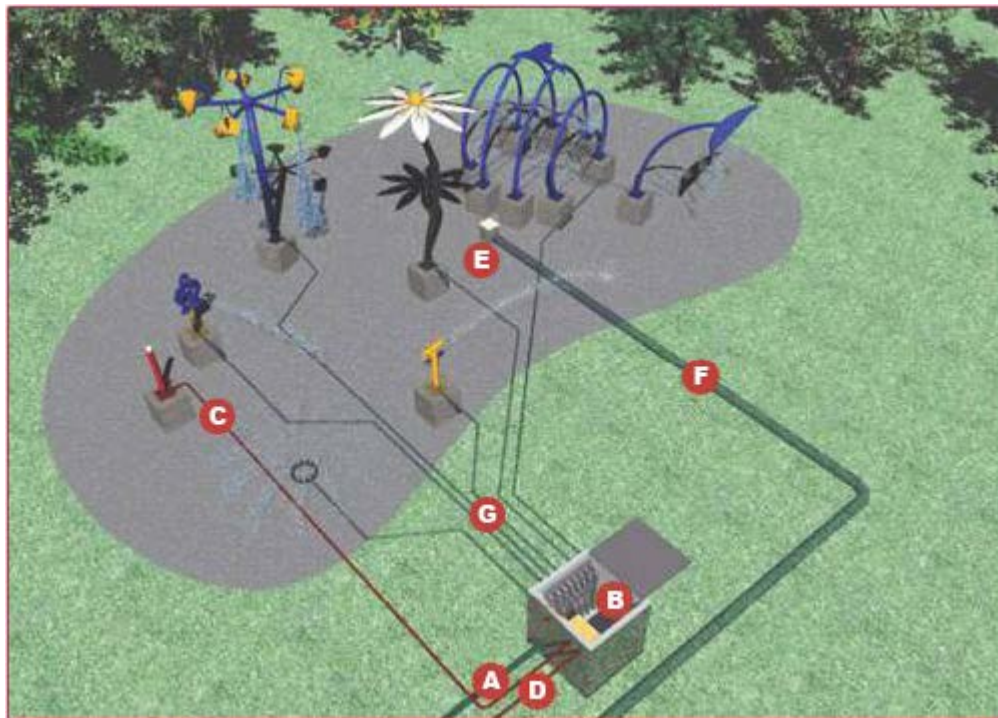
Court Hill, Project Manager



RECIRCULATED WATER SYSTEM



FLOW-THROUGH WATER SYSTEM



RECIRCULATED **VS.** FLOW-THROUGH

- **Recirculated system:**
high capital cost, lower environmental cost
- **Flow-through system:**
low capital cost, higher environmental cost



RECIRCULATED **VS.** FLOW-THROUGH

Water consumption	1,500 SF Splash Pad		
	Flow-through	Recirculated	Ratio
Gallons/minute	42	.83	50:1
Gallons/day	25,200	500	50:1
Gallons/season	2,520,000	50,000	50:1

RECIRCULATED

50,000

GALLONS OF WATER PER SEASON

FLOW-THROUGH

2.52 MILLION

GALLONS OF WATER PER SEASON

RECIRCULATED **VS.** FLOW-THROUGH

RECIRCULATED

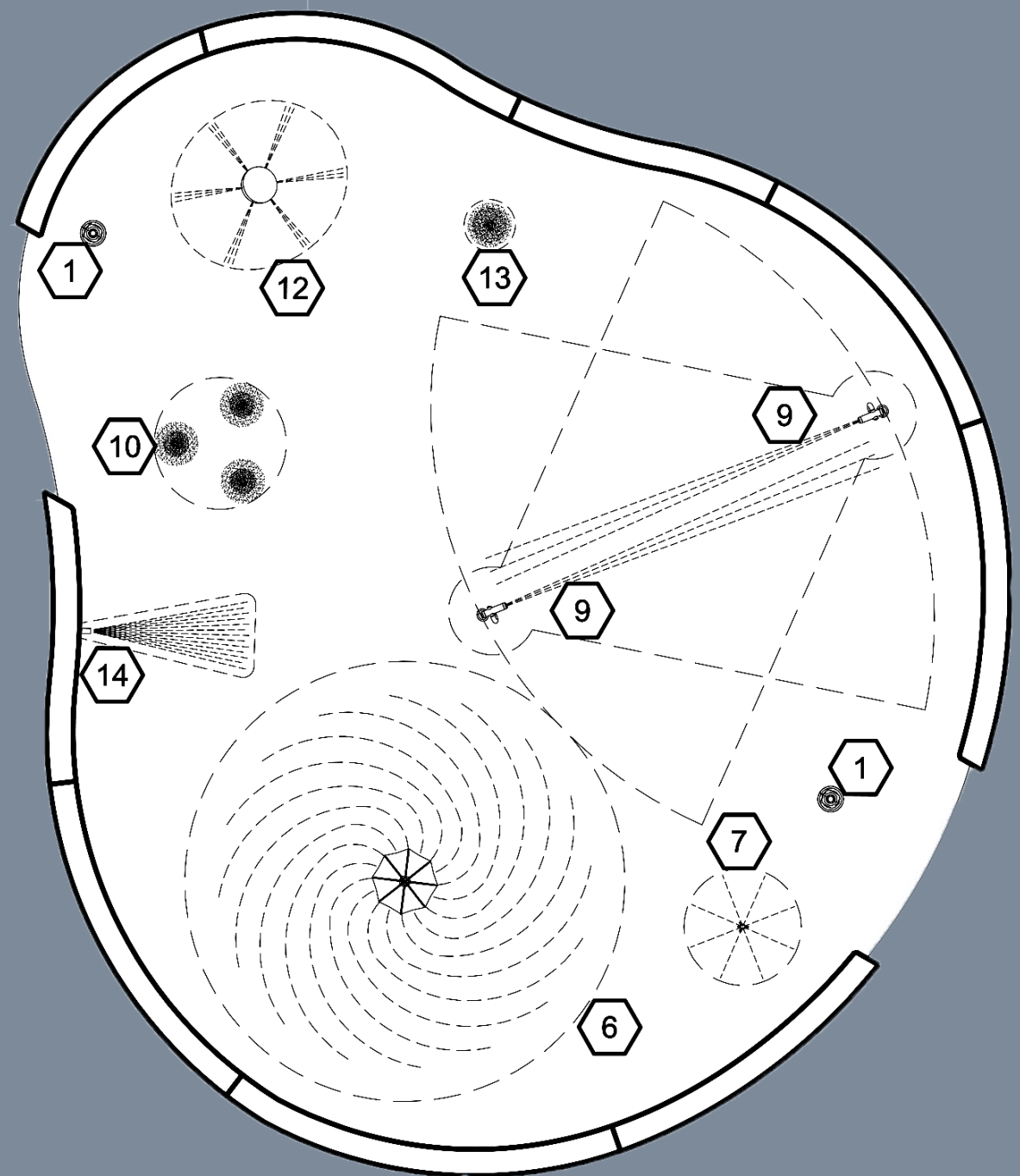
65-75°F

FLOW-THROUGH

50-60°F

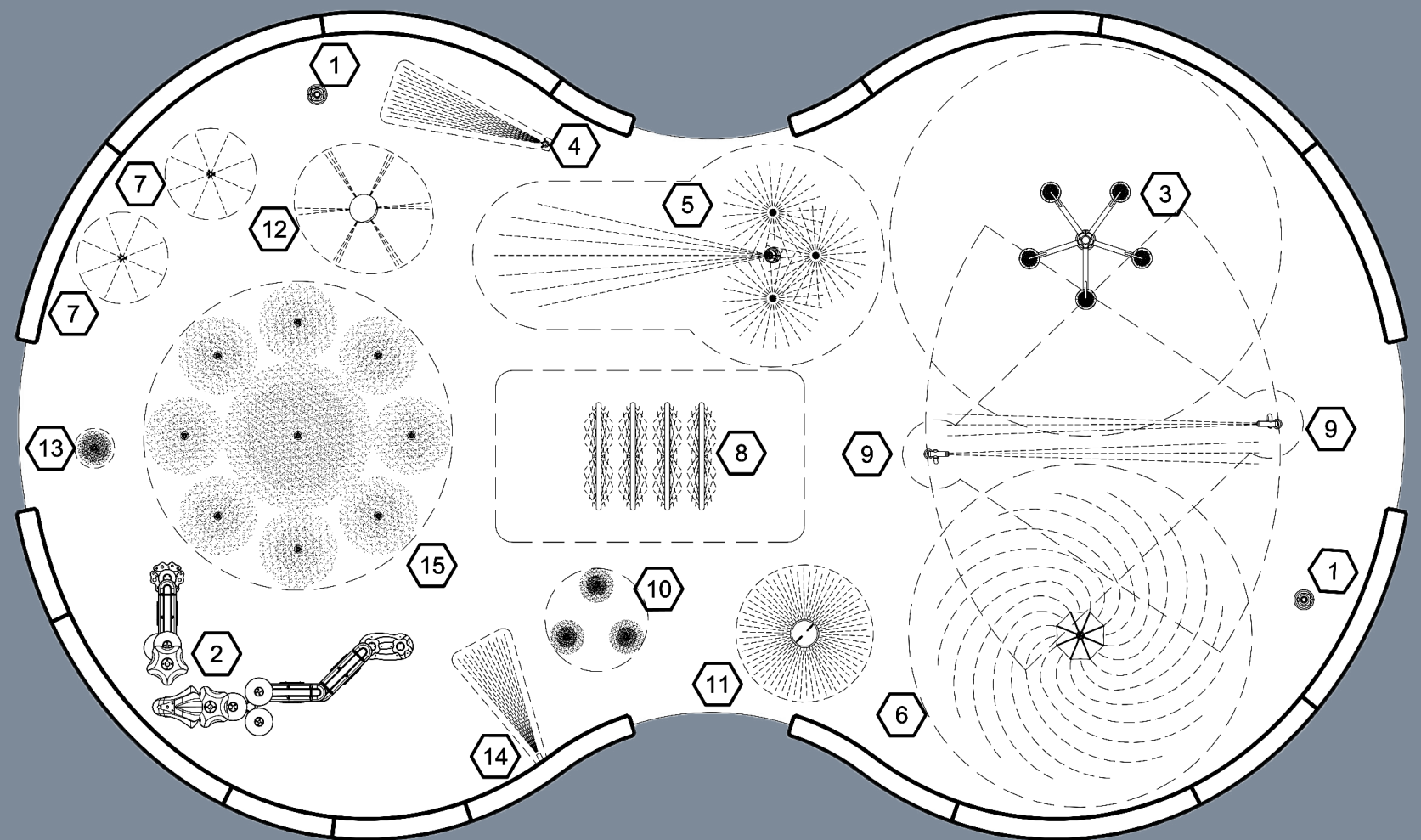
1,500 SF CONCEPT

*no restroom or mechanical room required



3,000 SF CONCEPT

*restroom and mechanical room not shown



PARKS EVALUATED

- Wenatchee Riverfront Park
- Walla Walla Point Park
- Wenatchee-Confluence State Park
- Rocky Reach Park
- Lincoln Rock State Park
- Kirby Billingsley Hydro Park

EVALUATION CRITERIA MATRIX

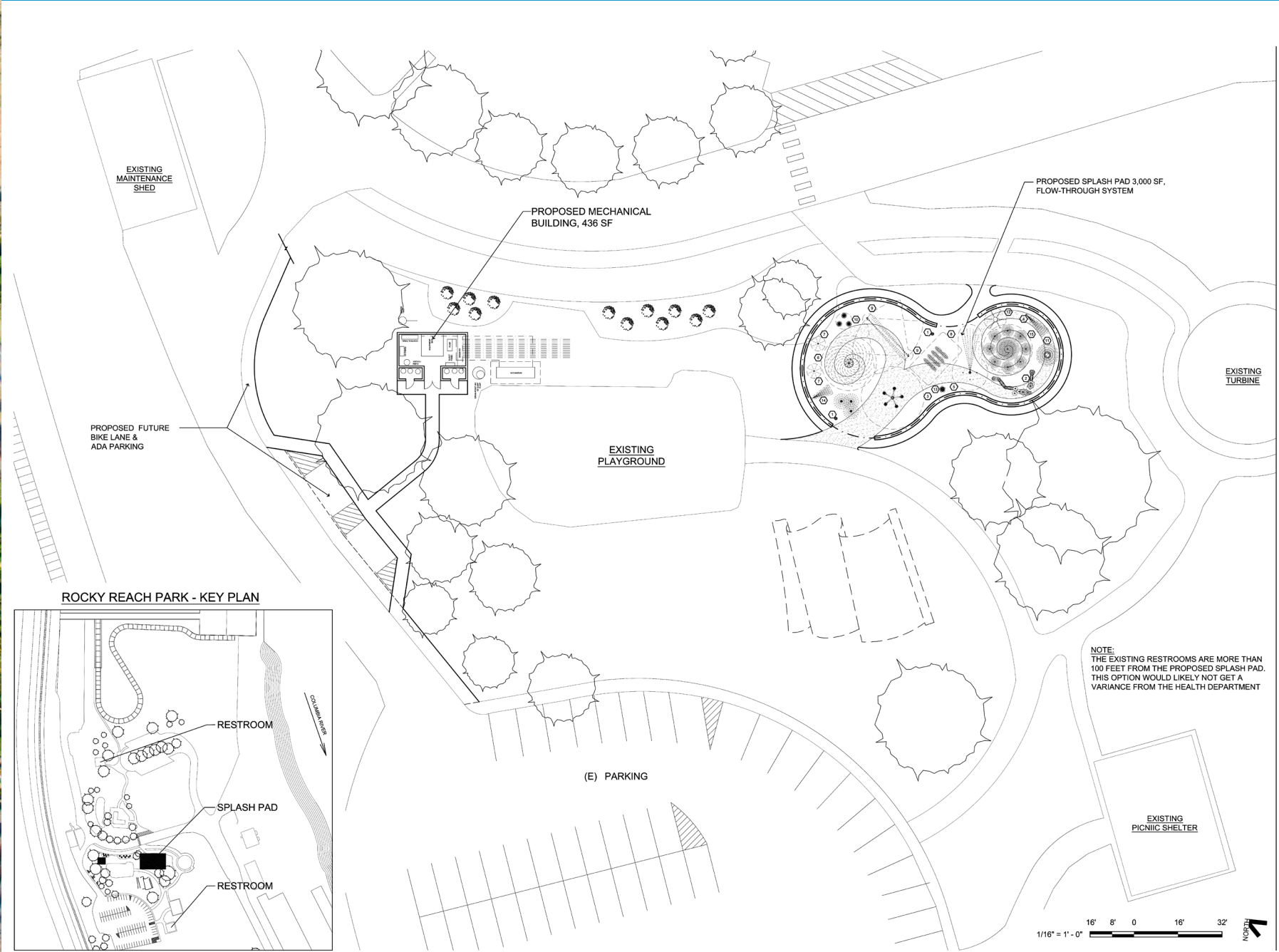
Site Evaluation Criteria	Adequate Site Size	Availability of Parking	Infrastructure: Availability of Utilities	Arterial Access	Availability to Chelan PUD Rate Payers if parking pass is eliminated	Proximity to other Park Amenities	Infrastructure: Restrooms (within 100')	Central to County's Largest Urban Area (proximity/travel time)	Site Impacts (utility relocation, environmental, cultural resources, etc.)	Transit Access	Pedestrian / Bicycle Access	Public Visibility	Proximity to Shopping / Retail	Ownership/Maintenance Complications	Located Central to Future population Growth	TOTAL
Potential Sites	50	50	50	40	40	40	30	30	30	30	20	20	20	20	10	480
Walla Walla Point Park Shelter 1	50	30	50	40	40	40	5	30	30	25	20	20	20	20	10	430
Walla Walla Point Park Shelter 2	50	30	50	40	40	20	15	30	25	25	20	10	20	20	10	405
Wenatchee Confluence State Park	50	40	50	25	0	30	30	25	10	10	20	15	15	0	5	325
Wenatchee Riverfront Park	20	30	25	30	40	0	0	30	20	30	20	20	20	20	10	315
Lincoln Rock State Park	50	40	50	30	0	30	30	10	30	0	20	0	0	0	0	290
Rocky Reach Dam Park	20	40	40	15	40	30	0	10	25	10	5	20	0	20	0	275
Kirby Billingsly Hydro Park (KBHP)	40	25	5	10	40	10	30	15	10	0	20	20	10	20	5	260



COST: \$1.7M

ROCKY REACH PARK

3,000 SF RECIRCULATED

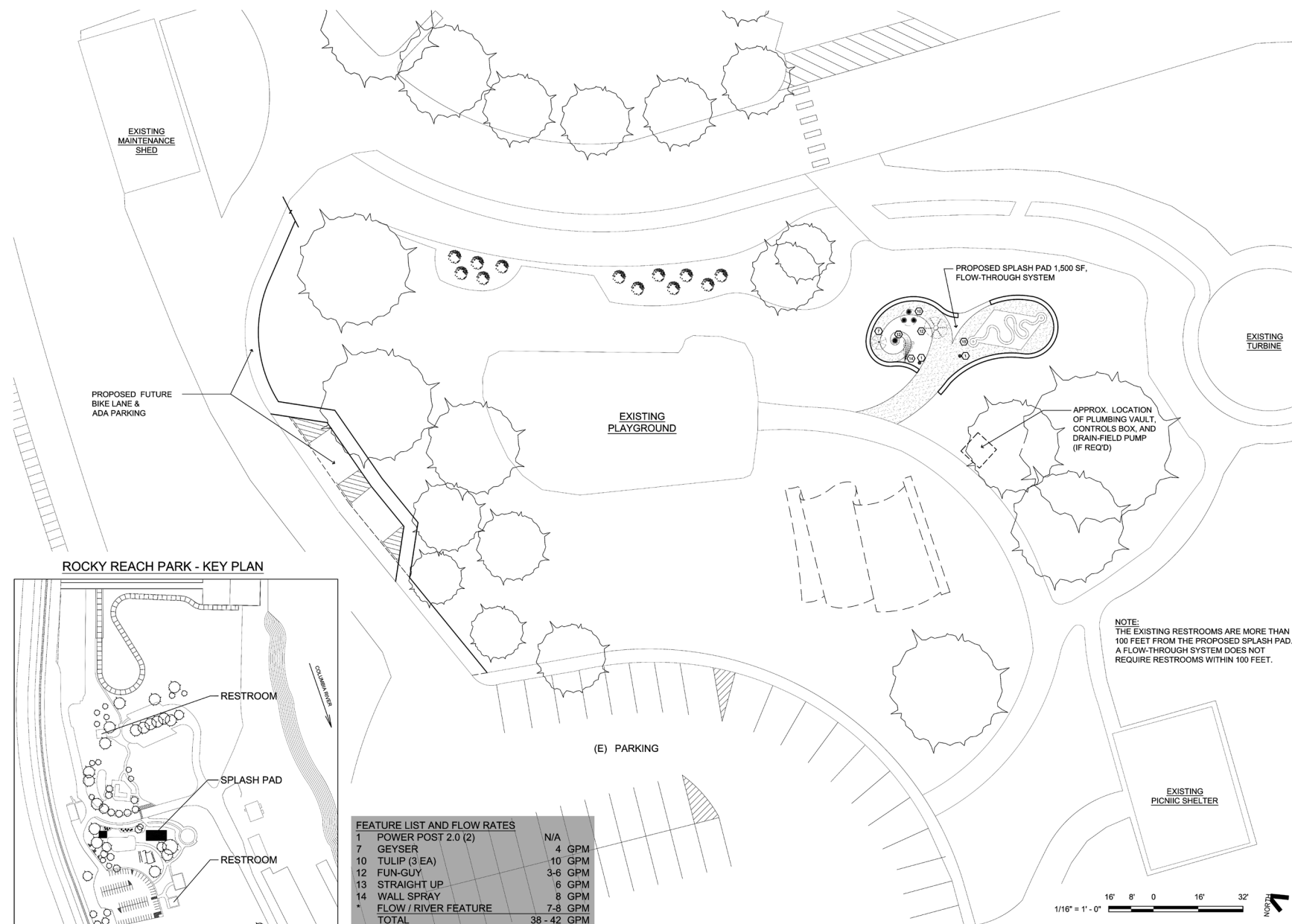




ROCKY REACH PARK

1,500 SF FLOW-THROUGH

COST: \$578K

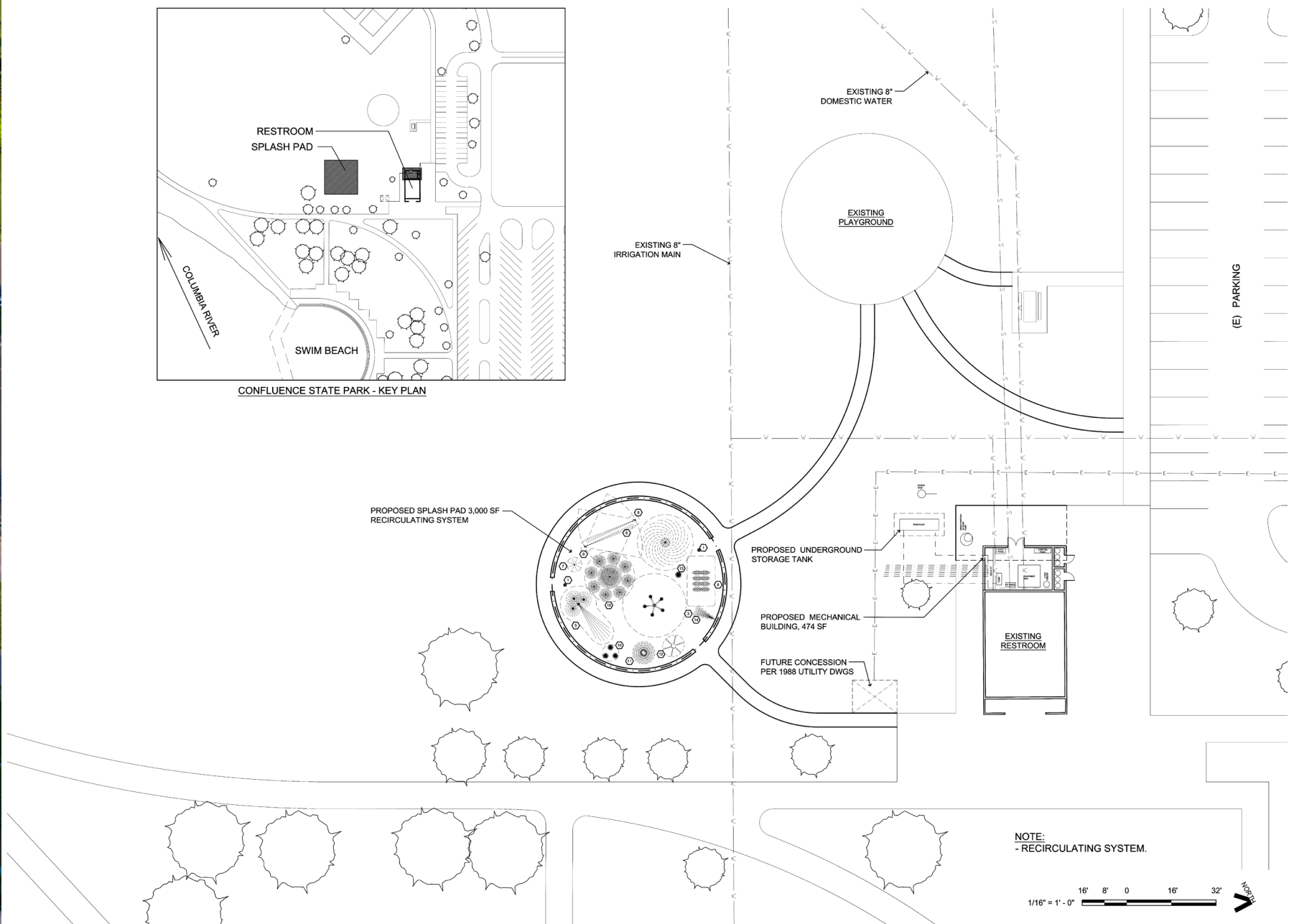




CONFLUENCE STATE PARK

3,000 SF RECIRCULATED CONCEPTUAL PLAN

COST: \$1.62M

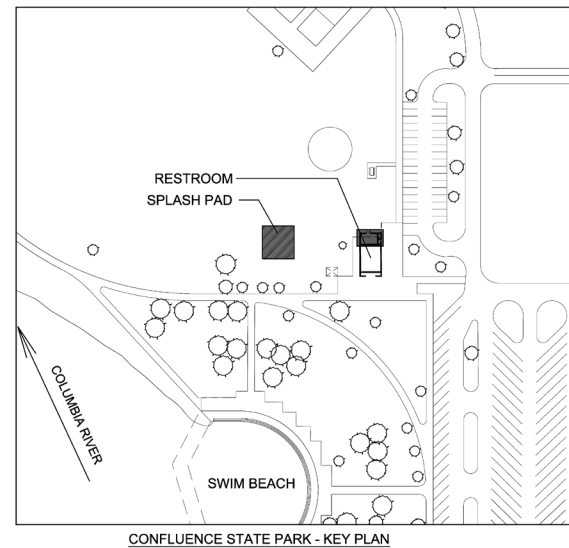




CONFLUENCE STATE PARK

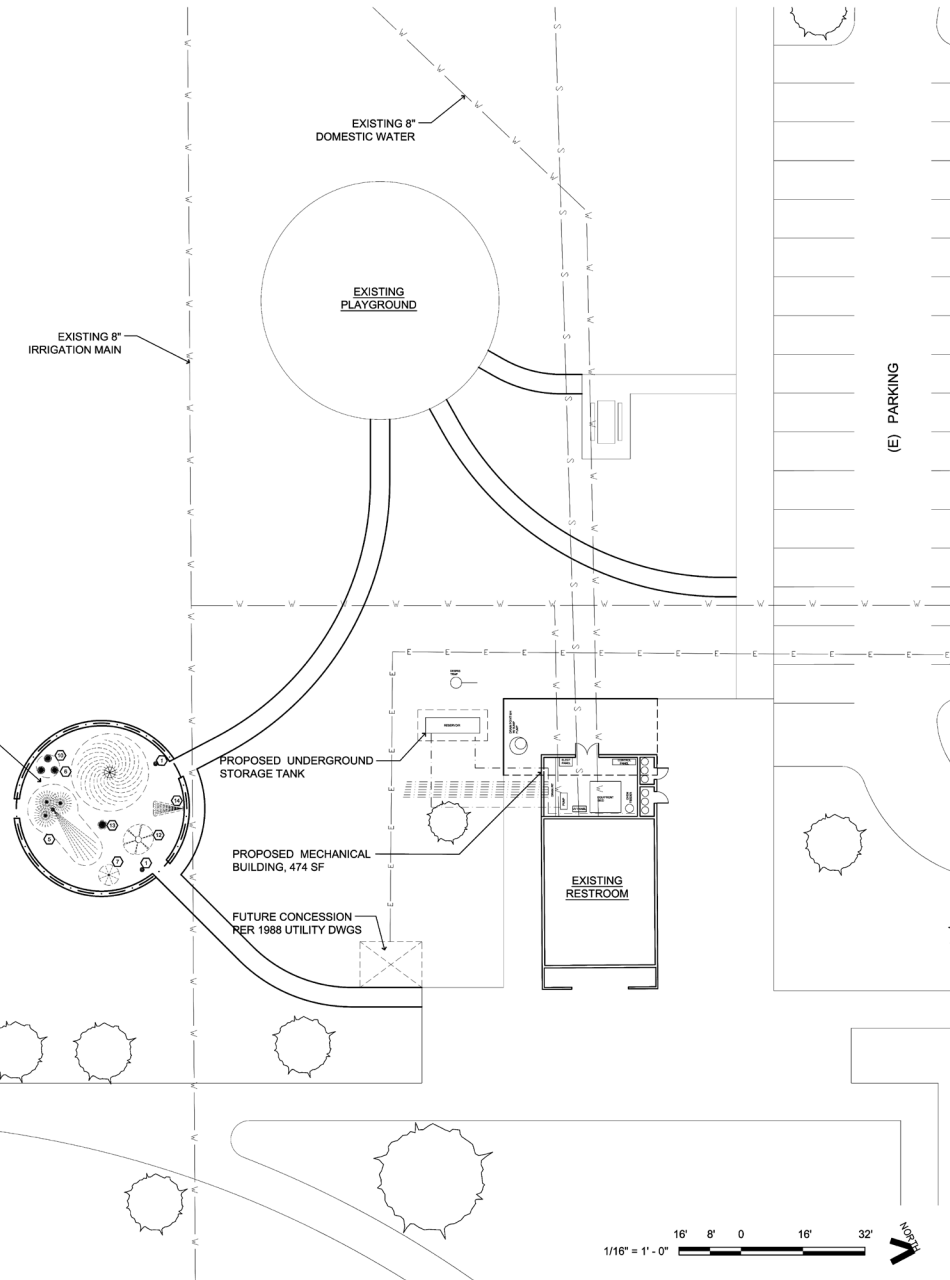
1,500 SF RECIRCULATED CONCEPTUAL PLAN

COST: \$1.28M



FEATURE LIST AND FLOW RATES		
1	POWER POST 2.0 (2)	N/A
5	THE WAVE + SOLO SPURT (3 EA)	6 GPM
6	SPIN SOAKER	5 GPM
7	GEYSER	4 GPM
10	TULIP (3 EA)	10 GPM
12	FUN-GUY	3-6 GPM
13	STRAIGHT UP	6 GPM
14	WALL SPRAY	8 GPM
TOTAL		42 - 45 GPM

PROPOSED SPLASH PAD 1,500 SF
RECIRCULATING SYSTEM

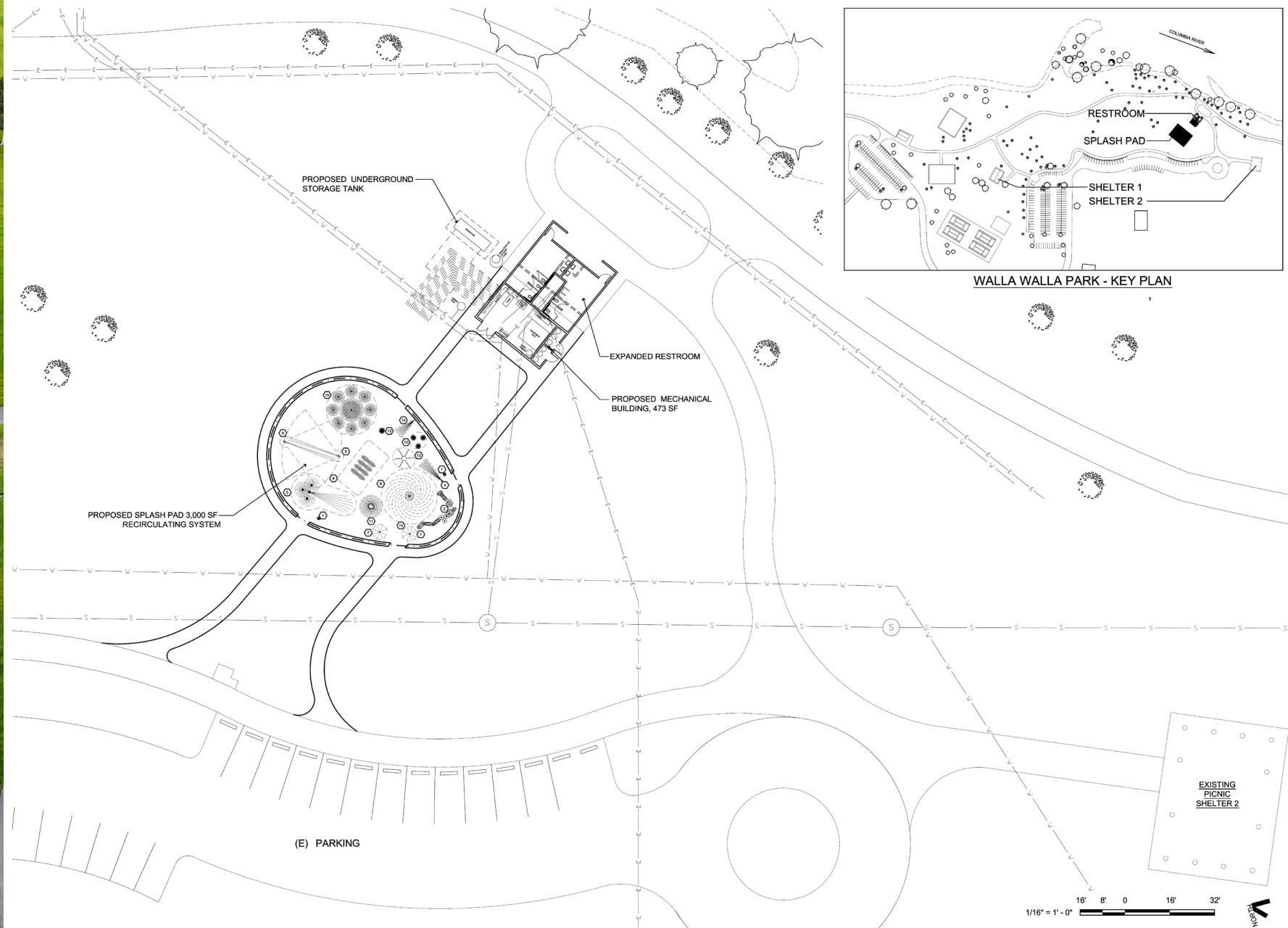




WALLA WALLA PARK - SHELTER 2

COST: \$2.36M

3,000 SF RECIRCULATED CONCEPTUAL PLAN

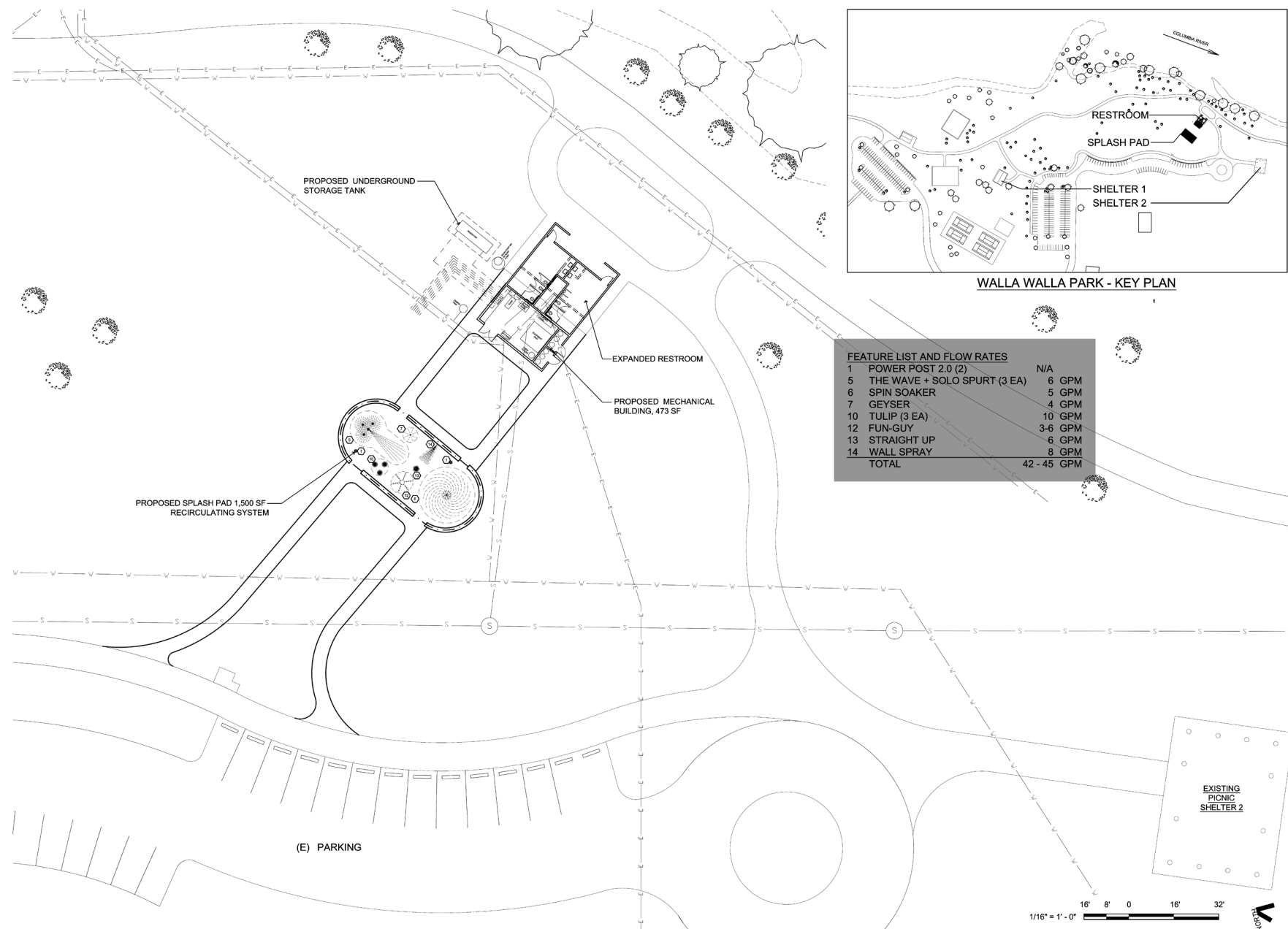


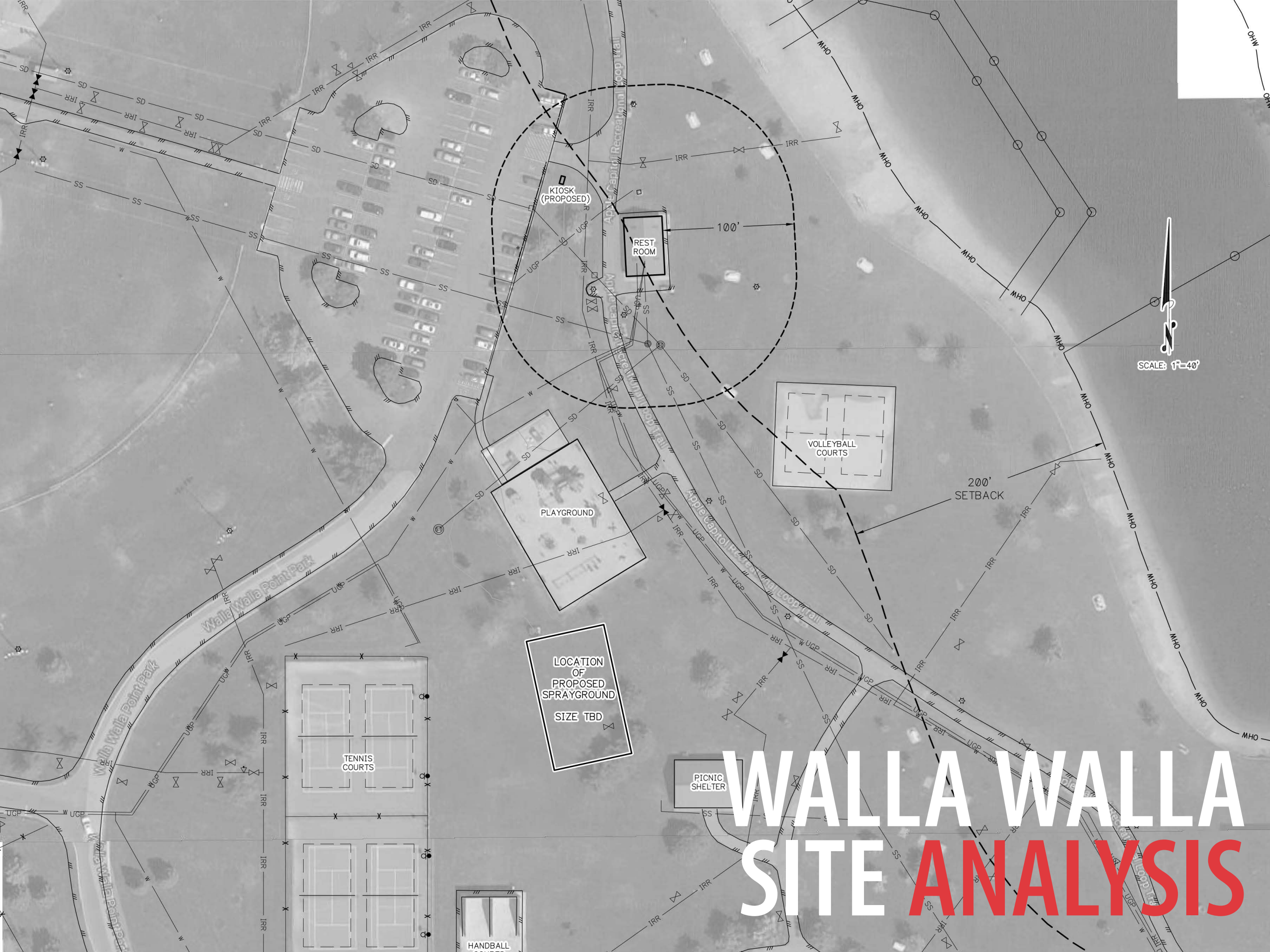


WALLA WALLA PARK - SHELTER 2

COST: \$1.82M

1,500 SF RECIRCULATED CONCEPTUAL PLAN





SCALE: 1"=40'

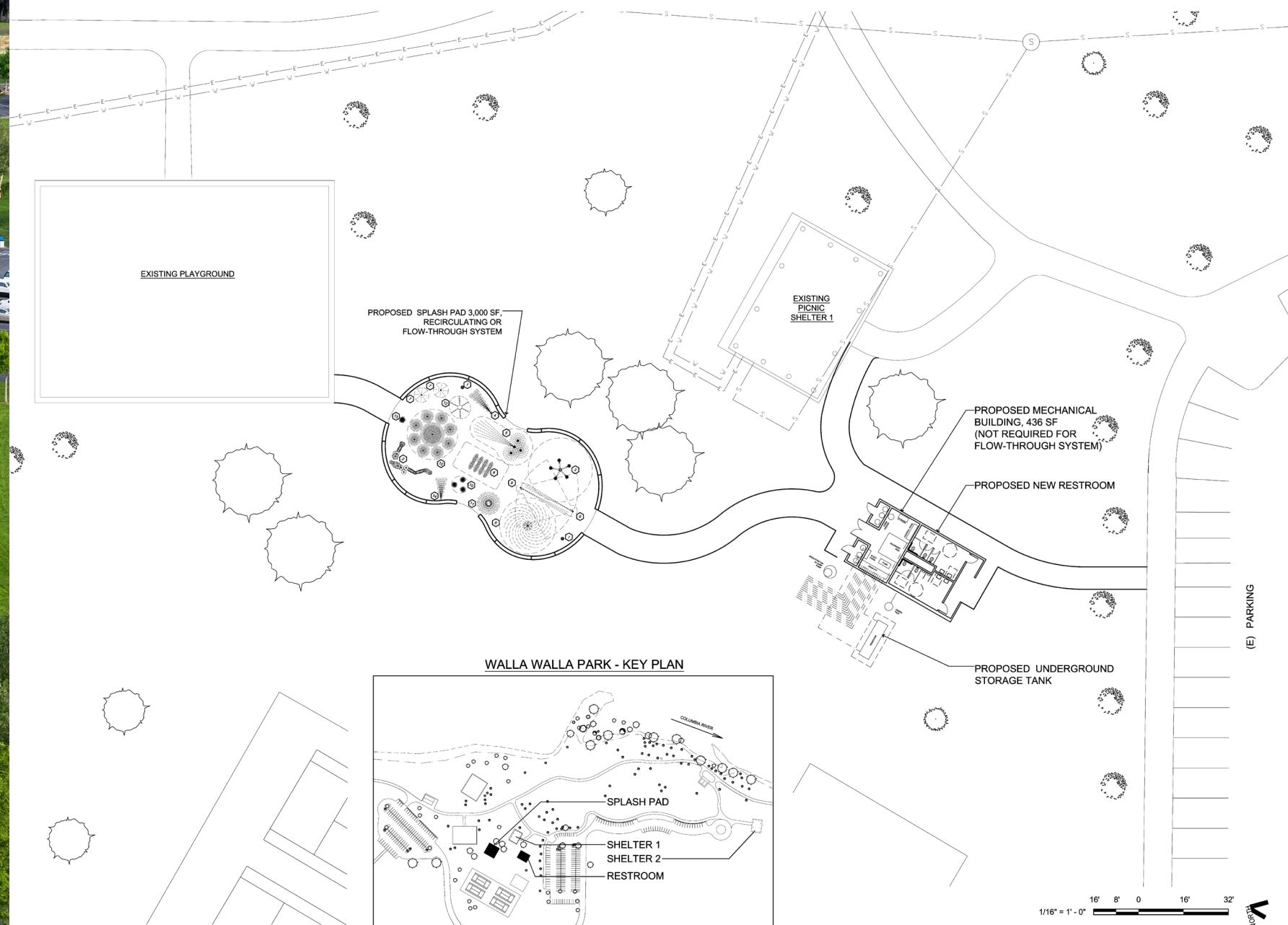
WALLA WALLA SITE ANALYSIS



WALLA WALLA PARK - SHELTER 1

COST: \$2.18M

3,000 SF RECIRCULATED OPTION

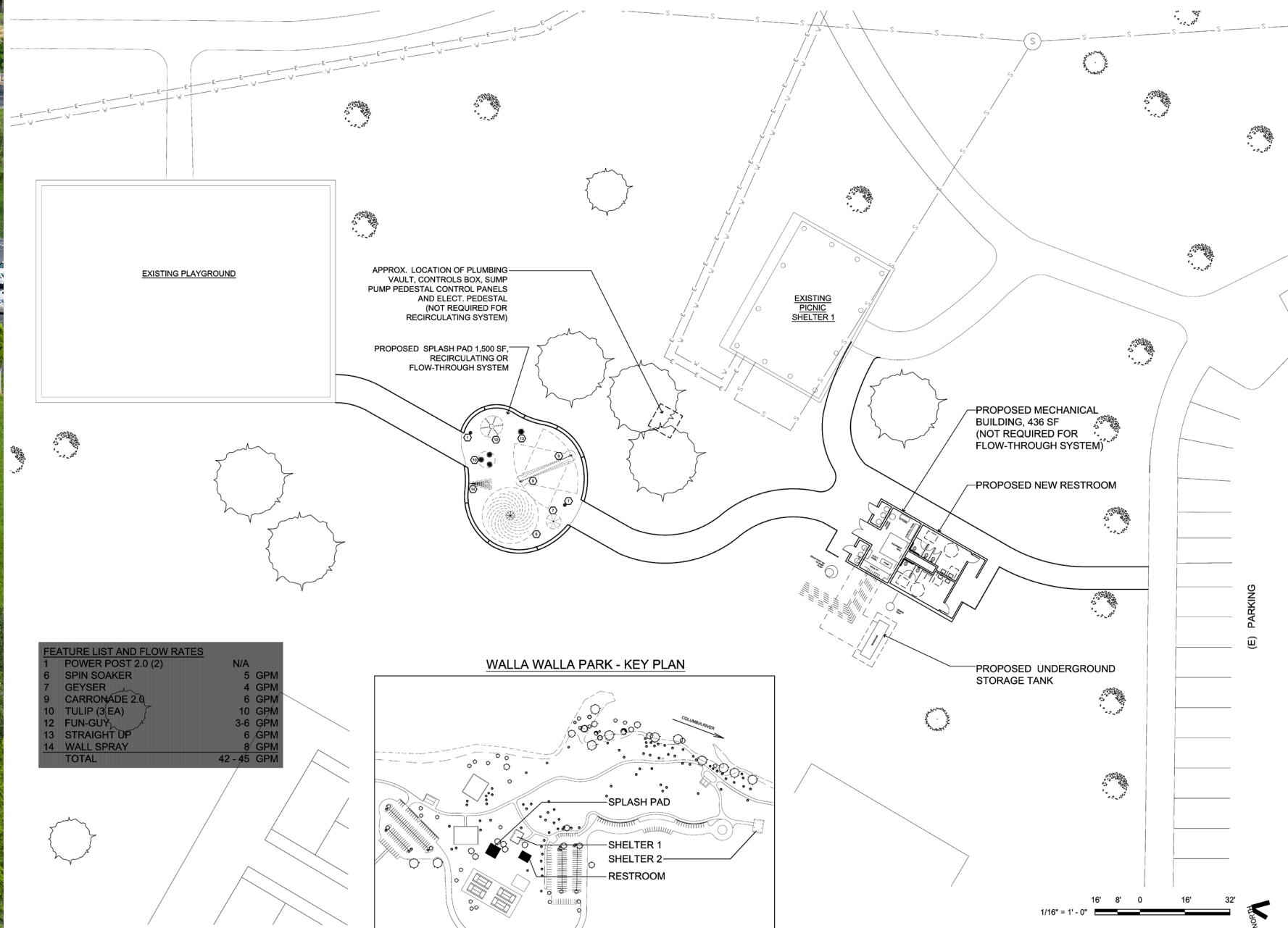




WALLA WALLA PARK - SHELTER 1

COST: \$1.9M
\$607K

1,500 SF RECIRCULATED OR FLOW THROUGH OPTION



O&M COST

	All Park Locations		Walla Walla	Rocky Reach
Splash Pad Size	3,000 SF	1,500 SF	1,500 SF	1,500 SF
System Type	Recirculated	Recirculated	Flow-Through	Flow-Through
Annual O&M Cost	\$41,500	\$26,700	\$33,400	\$16,600
20-year O&M Cost*	\$556,000	\$358,000	\$447,000	\$222,000

*3% inflation factor, 7% Discount Rate

20-YEAR NET PRESENT COST

	Walla Walla Shelter 1	Walla Walla Shelter 2	Confluence	Rocky Reach
1,500 SF Flow-Through	\$1,054,000	NA	NA	\$800,000
1,500 SF Recirculated	\$2,259,000	\$2,181,000	\$1,642,000	NA
3,000 SF Recirculated	\$2,736,000	\$2,913,000	\$2,179,000	\$2,254,000

*3% inflation factor, 7% Discount Rate