

4.

ARCHITECTURAL  
PROGRAM





# THE ARCHITECTURAL PROGRAM

Based on new input from DDCS, Consult Econ, City of Scottsdale Staff, Thinc and ASU, in addition to some of the architectural programming during Phase 2, the following Program of Spaces was developed. The Program was based on keeping only essential spaces at the Preserve site and locating the remaining spaces at the support site.

	SPACE TYPE	NET SF	UNDER ROOF GROSS COND SF	UNDER ROOF GROSS NON-COND SF	UNDER CANOPY GROSS NON-COND SF	UNCOVERED NON-COND SF
<b>PAVILION A</b>						
ADMISSIONS	SUPPORT	483				
PRESERVE HISTORY	EXHIBIT				500	
DESERT KEEPERS	SUPPORT	5,109				
			6,045			
<b>PAVILION B</b>						
POD	EXHIBIT	1,910				
SENSE CORRIDOR	EXHIBIT				1,890	
			2,131			
<b>PAVILION C</b>						
PRESERVE CAFÉ	SUPPORT	2,043				
CAFÉ KITCHEN	SUPPORT	640				
PRESERVE SHOP	SUPPORT	1,094				
RETAIL STORAGE	SUPPORT	336				
COMMONS RESTROOMS	SUPPORT	1,224				
			5,862			
<b>PAVILION D</b>						
SONORAN SEASONS	SUPPORT	5,429				
RESTROOMS	SUPPORT	734				
STORAGE / MECH	SUPPORT	1,013				
CATERING	SUPPORT	1,357				
SCIENCE ENCOUNTER	EXHIBIT	2,363				
SONORAN PREFUNCTION	SUPPORT	1,610				
			12,947			
<b>PAVILION E</b>						
BAJADA	EXHIBIT	3,746				
			3,999			
<b>PAVILION F</b>						
MOUNTAINS & VALLEYS	EXHIBIT			1,001		2,133
<b>PAVILION G</b>						
SONORAN STEPS	SUPPORT				4,804	

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<b>PAVILION H</b>						
DEEP TIME	EXHIBIT	2,938				
ANTHROPOCENE	EXHIBIT					1,001
DEEP TIME RESTROOMS	SUPPORT	680				
<b>PAVILION I</b>						
WASH	EXHIBIT			3,183		1,977
<b>PAVILION J</b>						
SAGUARO SUNDIAL	EXHIBIT					1,907
<b>PAVILION K</b>						
CITY	EXHIBIT	3,221				
EDGE	EXHIBIT			704	559	
<b>PAVILION L</b>						
GLOBAL DRYLANDS INSTITUTE 1	RESEARCH	4,233				
GLOBAL DRYLANDS INSTITUTE 2	RESEARCH	4,479				
BREEZEWAY	RESEARCH			1,474		

TOTAL ON-SITE NET SF:	44,642
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ON-SITE EXHIBIT GROSS SF	16,050
ON-SITE SUPPORT GROSS SF	22,491
ON-SITE GROSS RESEARCH SF	9,045
<b>TOTAL ON-SITE UNDER ROOF GROSS COND SF</b>	<b>47,586</b>

ON-SITE PROGRAMMED UNDER ROOF NON-COND SF	6,362
PUBLIC CIRCULATION SPACE AND NON-PROGRAMMED AREAS SF	30,987
<b>TOTAL ON-SITE UNDER ROOF NON-CONDITIONED SF</b>	<b>37,349</b>

ON-SITE PROGRAMMED UNDER CANOPY NON-COND SF	7,753
ON-SITE MISC. CANOPY SF	26,305
<b>TOTAL ON-SITE CANOPY SF</b>	<b>34,058</b>

TOTAL ON-SITE UNCOVERED NON-CONDITIONED SF	7,018
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TOTAL ON-SITE EXHIBIT SPACE, COND & NON-COND SF	30,905
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OFF-SITE FACILITY SF	5,400
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SOURCE: SWABACK PARTNERS

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## SPACE AND FLOW

As the interpretive experience evolved and focused on the relocated site and its opportunities, a completely revised space and flow diagram emerged from what was envisioned in Phase 2.

The main entry to the DDC emerged during the design process to be adjacent to the existing maintenance building, which is being re-purposed as administrative space, ticketing, maintenance, and some visitor services.

As the diagram indicates, also located at the entry to the DDC is the trail head to the Equestrian Bypass Trail. This trail head will still be left free and open for hikers, although the equestrian nature of it may change. It will now share a common access with the DDC. This allows the public hikers to enjoy interpretive panels that tell the history of the Preserve, and display the overall hiking trail maps. Hikers will also be able to utilize restrooms, and some of the hospitality services in the Commons Pavilion without paying for admission to the DDC. Beyond the entry the DDC opens up to a series of linked desert pavilions with interpretive courtyards between them, all focused on framed view sheds aligned with the content of the interpretive exhibits.

