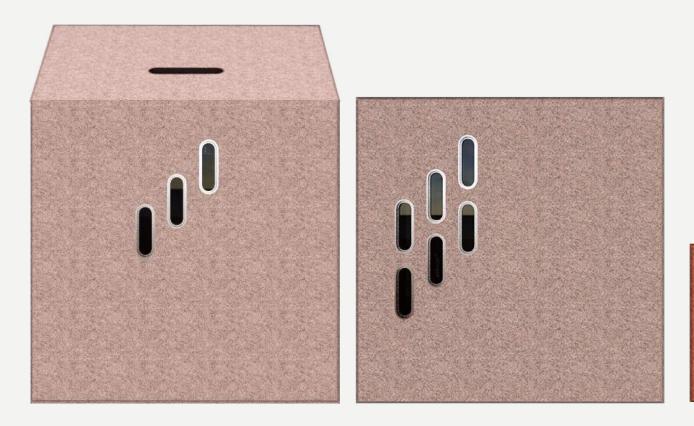


The desert landscape boasts an array of colors, ranging from sandy yellows to rusty oranges, deep reds and muted greens. These hues complement the traditional Navajo weaving patterns, creating a harmonious and visually striking color palette.

Window Design

Site Plan

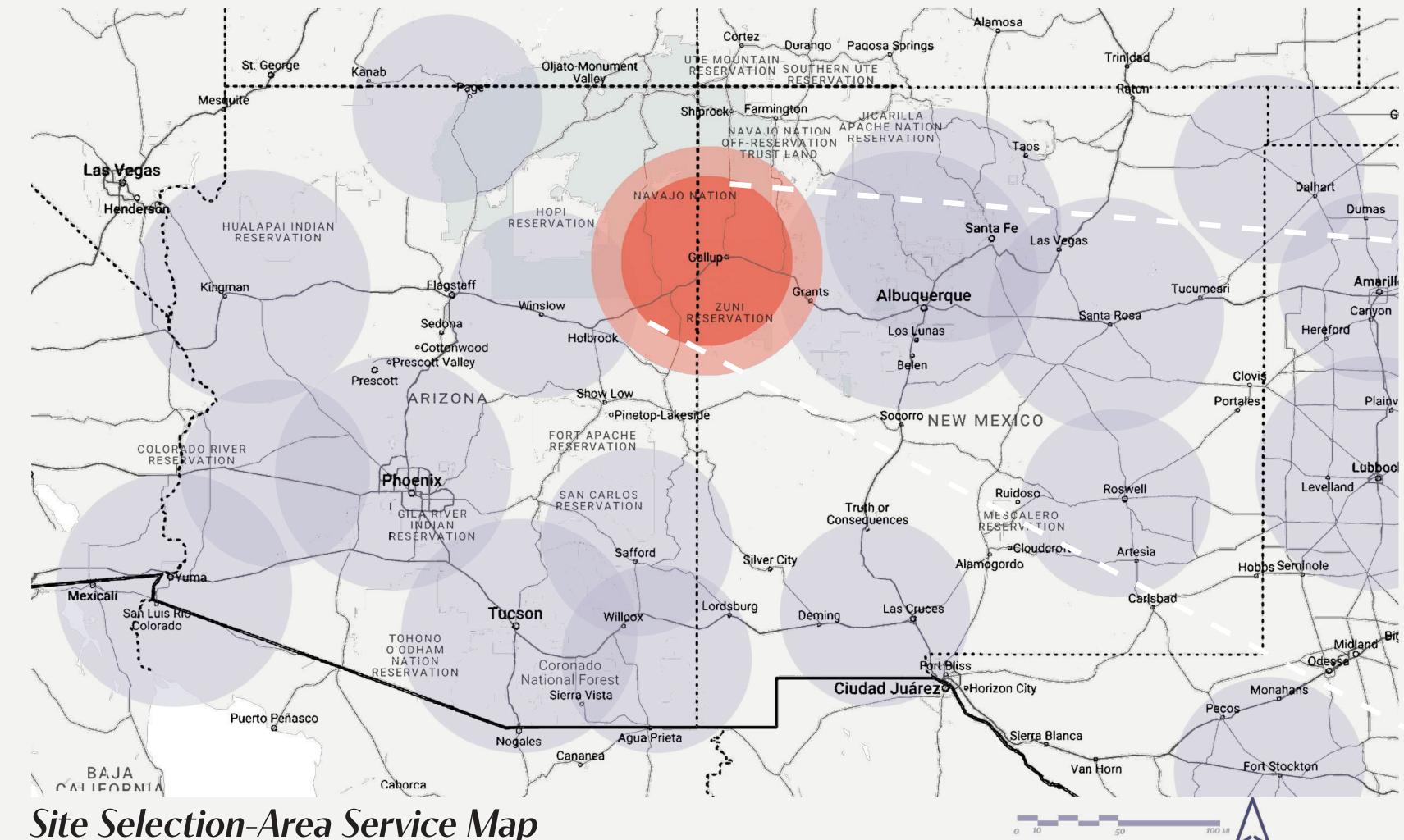
Since openings in secure walls can be no more than 5 inches wide due to code, the cell block windows are thin. Their design is a combination of three notions. The windows reflect arches used in New Mexico architecture that are then inverted on both ends. Their staggered effect is found as the stitches used Navajo weaving patters. Then, the cascading flow of the windows is inspired by the project's connection to water.



South Elevation

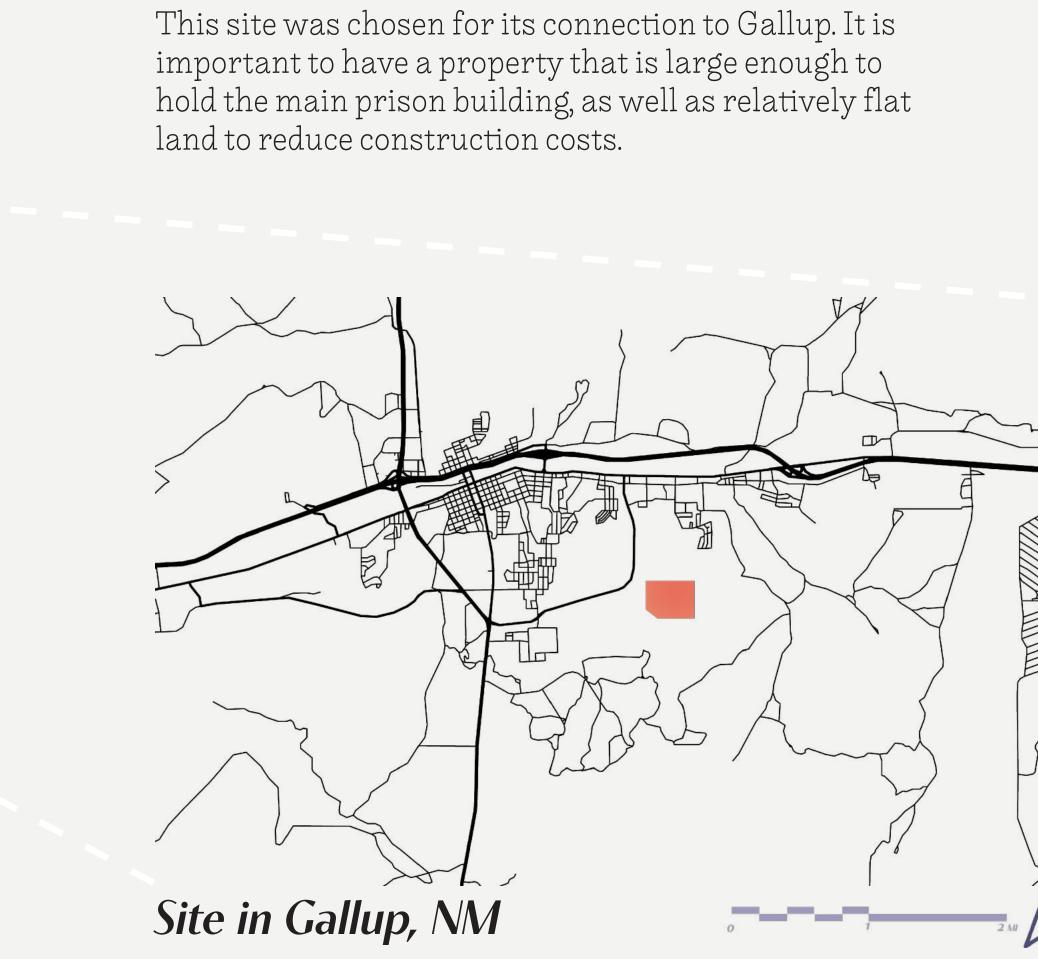
Material Selection-Concrete Precast Panels

Material uses dominated the design of the exterior. The materials reflect natural stone from New Mexico. The project was inspired by imestone, sandstone and slate. These materials pushed the design and lead to a variety of ideas. Pre-cast concrete is used for durability, production replication and security precautions. A portion of the metals use in the project reflect copper since it is mined in New Mexico.



Site Selection-Area Service Map

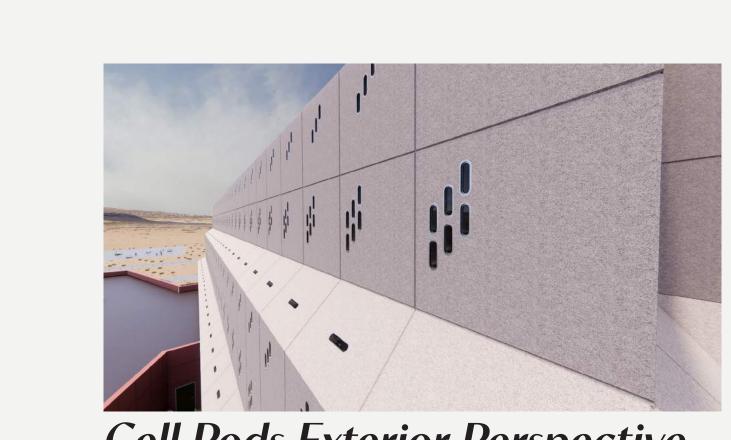
New Mexico has the greatest amount of crime of any state in the United States of America, comes in 30th for its imprisonment rate and their prison capacity is predicted to exceed capacity in 2024. Therefore, additional inmate beds/ prisons are required.



Just Outside of Gallup, NM



Garden Exterior Perspective



Cell Pods Exterior Perspective Life continues in prison. During this time alloted to reflection, daily hands on activities engage inmates with positive outlets through workshops, creative classes and use of courtyards and outdoor walking paths.

West Elevation

North Elevation

has to be secure. The purple zone has minimum

Entrance Exterior Perspective

Level 1 Circulation Plan

security because where there is an inmate,

there is direct supervision.

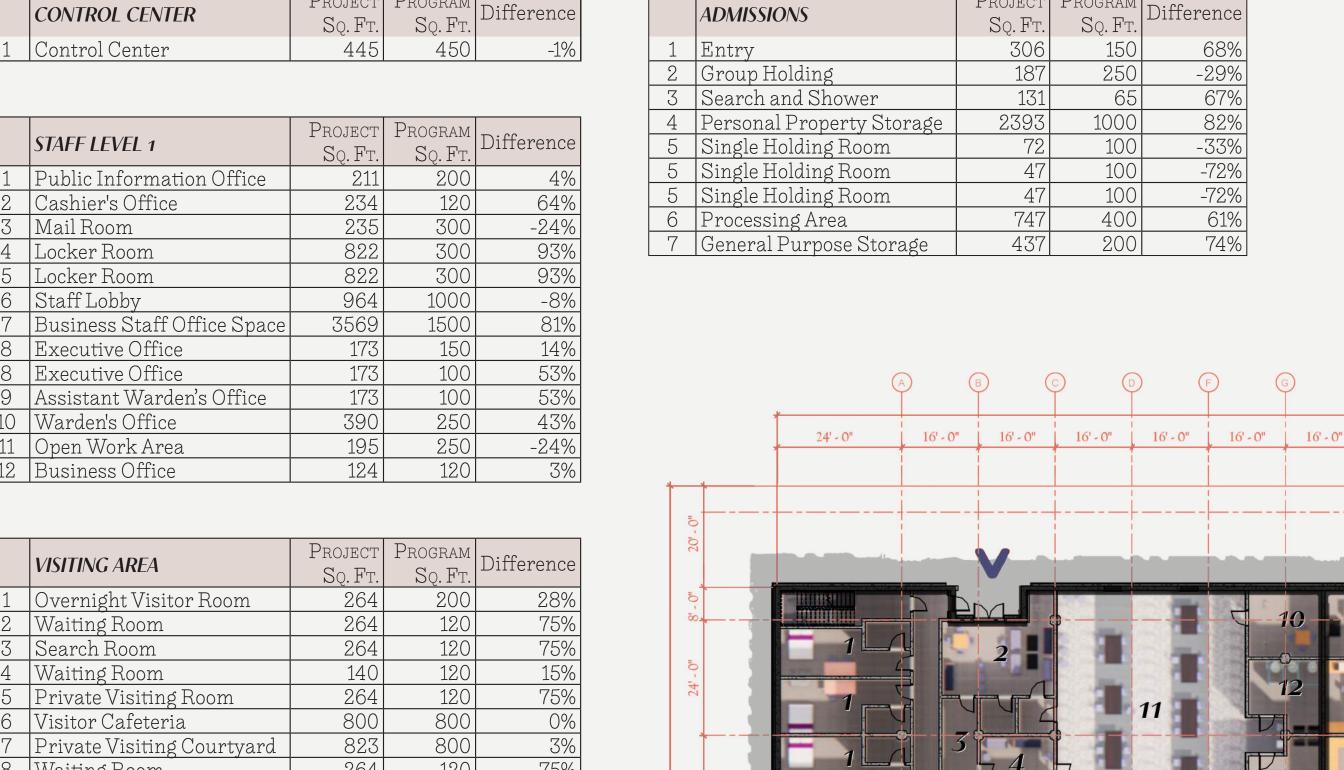
Zone Security Map

The zone security map delineates the three levels of security used in this prison. The levels

determined their exterior conditions. The segregated housing is in the red zone. It requires the

greatest security, since inmates alone are in their cells 23 hours a day. The soft pink zone is the

general housing. Inmates spend time not directly supervised in their cells, thus, the exterior



The program total for the inmates housed is \geq 500.

This accommodates the prison's needs. This prison can

house 622 inmates in general housing and 26 inmates in solitary at maximum capacity. With double cells, the

11	Visiting Room	2021	2000	1%
12	Women's Restroom	204	200	2%
13	Men's Restroom	204	200	2%
	MEDICAL	Project So. Ft.	Program So. Ft.	Difference
1	Forklift Storage	451		0%
2	Truck Dock Organization	651	600	4%
3	Record Storage	479	280	52%
4	Clerk Office	240	120	67%
5	Nurse Station	108	80	30%
6	Neuropsychiatric Room	82	100	-20%
7	Physician's Office	82	150	-59%
8	Psychiatrist Office	82	150	-59%
9	Psychologist Office	82	150	-59%
10	Medical Laboratory	178	150	17%
11	X-ray Room	375	175	73%
12	Dental Operating Room	220	250	-13%
13	Dental Laboratory	173	150	14%
14	Waiting	235	250	-6%
15	Pharmacy	175	150	15%
16	Exam Room	122	120	2%
17	Treatment Room	235	200	16%
16	Exam Room	122	120	2%
18	Bulk Storage	235	250	-6%
18	Bulk Storage	235	250	-6%
19	Morgue	336	300	11%
20	Isolation Room	127	130	-2%
20	Isolation Room	127	130	-2%
21	Food Preparation	128	100	25%
22	Private Impatient Room	69	60	14%
22	Private Impatient Room	69	60	14%
22	Private Impatient Room	86	60	36%
22	Private Impatient Shower	86	60	36%
23	Clean Utility Storage	84	100	-17%
24	Clean Linen Storage	84	75	11%
25	Soiled Linen Storage	84	150	-56%
26	Physical Therapy	451	160	95%

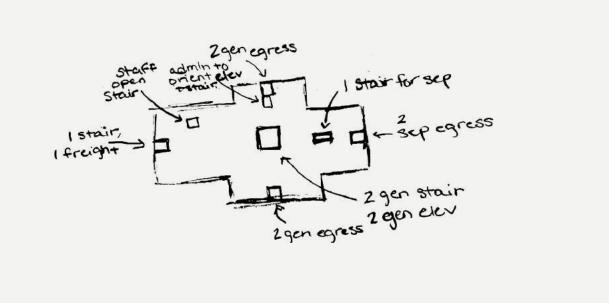
	STAFF LEVEL 2	Project	Program	Difference
	STATE LEVEL 2	Sq. Ft.	Sq. Ft.	
1	Overnight Staff Room	330	300	18%
1	Overnight Staff Room	330	300	18%
1	Overnight Staff Room	330	300	18%
1	Overnight Staff Room	330	300	18%
2	Conference Room	466	400	15%
2	Conference Room	233	250	-6%
2	Conference Room	233	250	-6%
3	Information Management Office	790	500	45%
4	Research Office	1547	500	102%
5	Equipment Room	447	500	-11%
6	Women's Restroom	204	200	2%
7	Men's Restroom	204	200	2%
8	Secretary Office	151	150	1%
8	Secretary Office	151	150	1%
9	Storage Room	236	200	17%
10	Staff Lobby	964	1000	-8%
11	Classroom	544	500	8%
12	Training Officer's Office	140	120	15%
13	Locker Room	822	300	93%
14	Locker Room	822	300	93%
15	Staff Lounge	810	800	1%
16	Staff Library	745	250	99%
17	Personnel Office	83	120	-36%
17	Personnel Office	195	120	40%
17	Personnel Office	174	120	36%
18	Security Staff Office	1061	300	112%
	FDUCATION	Project	Program	Difference
	EDUCATION	Sq. Ft.	Sq. Ft.	Thire rence
1	Classroom	747	800	-7%
1	Classroom	638	500	24%
1	Classroom	622	500	22%
1	Classroom	578	350	49%





Level 2 Egress Plan

The egress is a cross separating the building into quadrants. The linear egress allows for efficient and clear paths. Thus, the prison will be evacuated in a designated manner. In addition, officials such as firefighters and security personnel will have clear entry into the prison and further into their destination. The hallways intend for the guards and inmates to pass by without evoking one another.





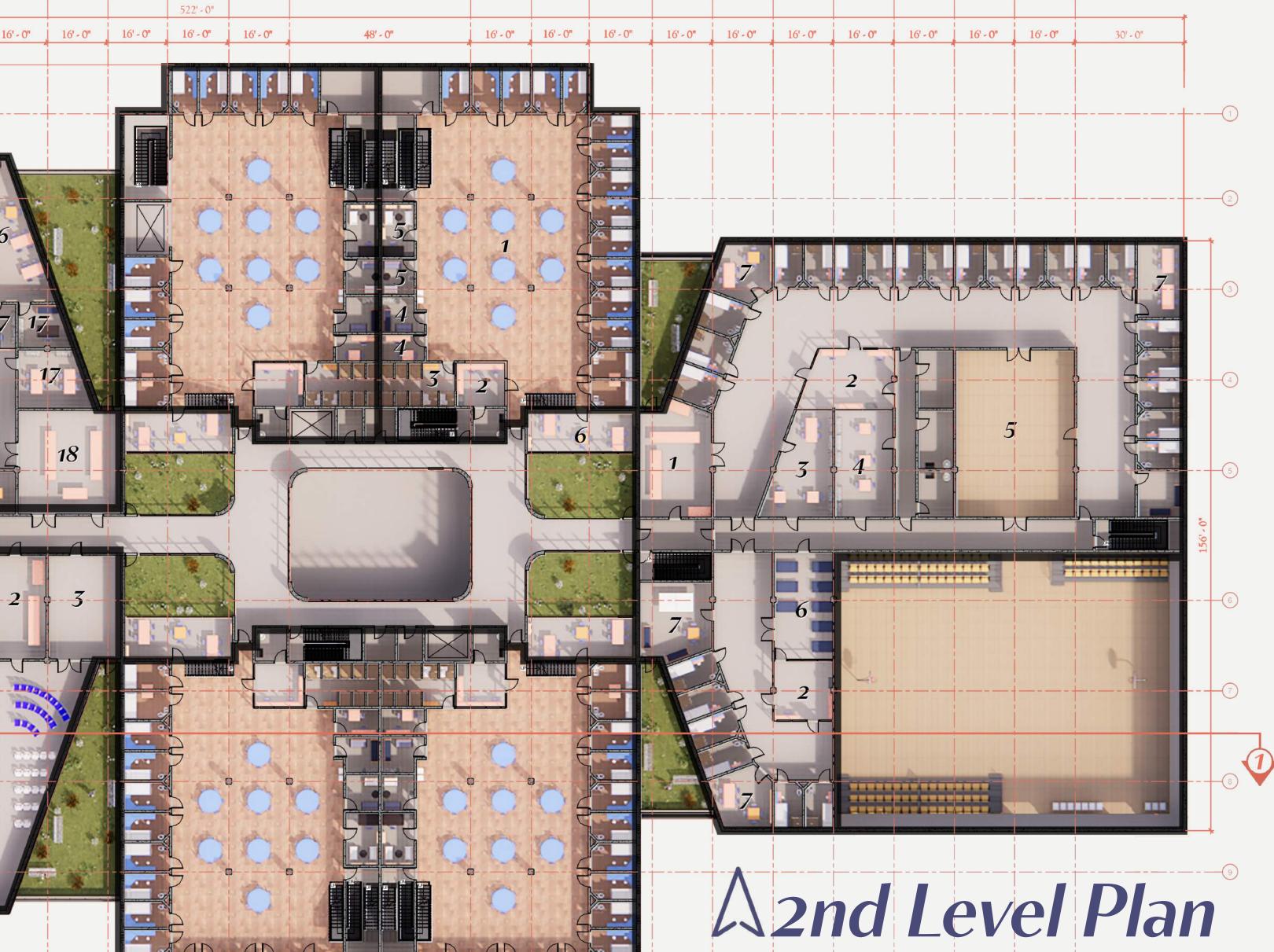
Level 2 ADA Cells , ADA Elevators & ADA Restrooms

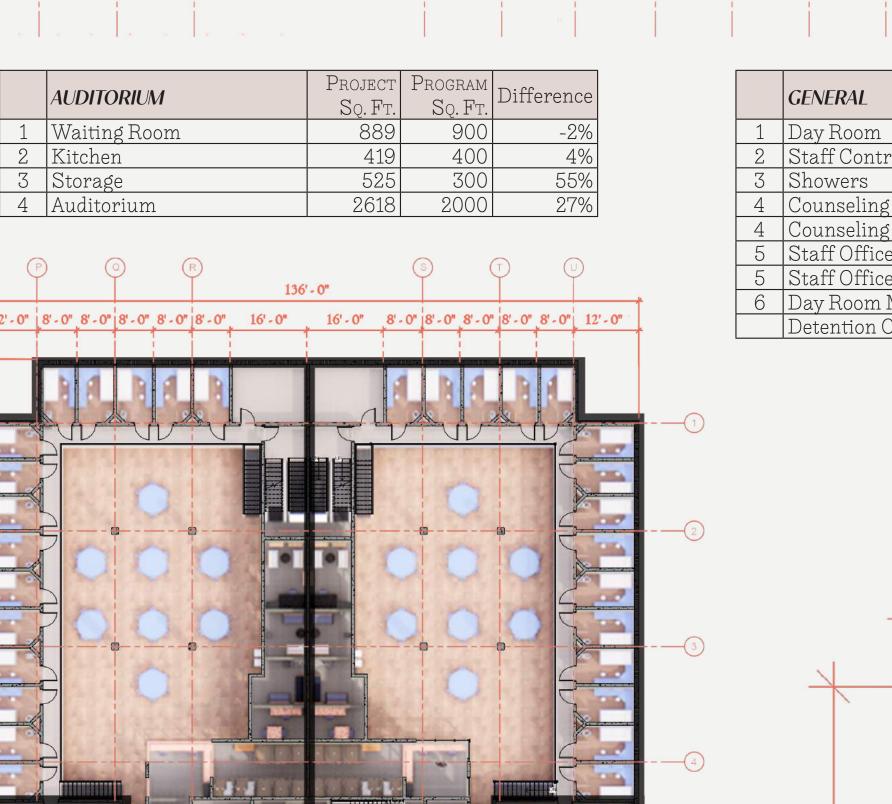
Future Use

The need for a prison in Gallup, NM may pass, in which this prison needs to be able to change as well. The prison could be transformed into a hotel with its cafeteria and gymnasium, an office from the cells, a school that hosts a multitude of classes during the day in the various rooms, or it could be repurposed as a museum.



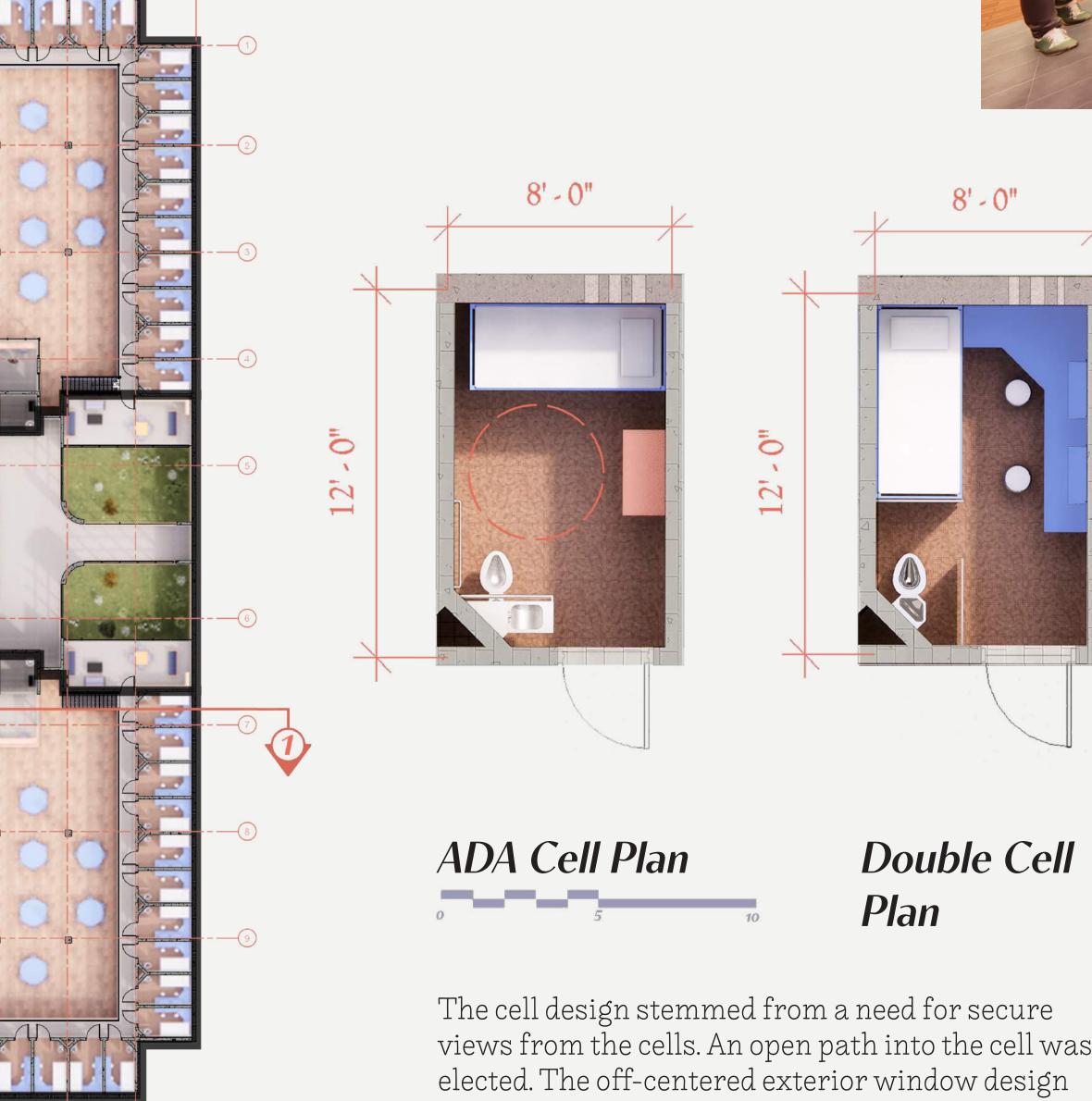
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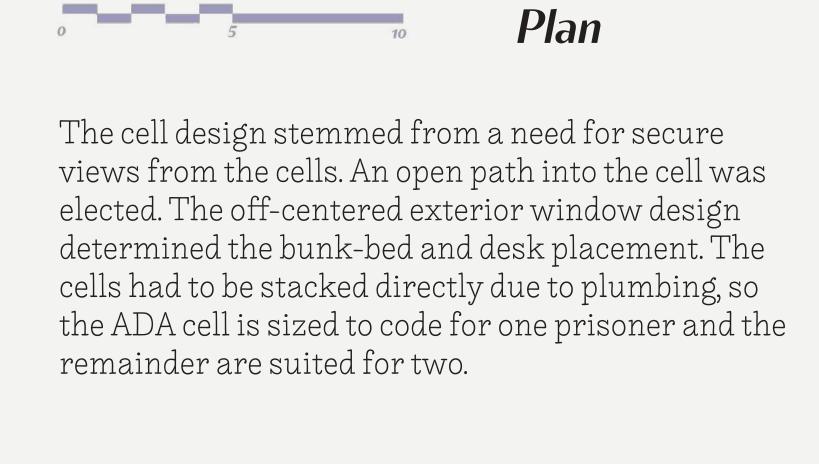


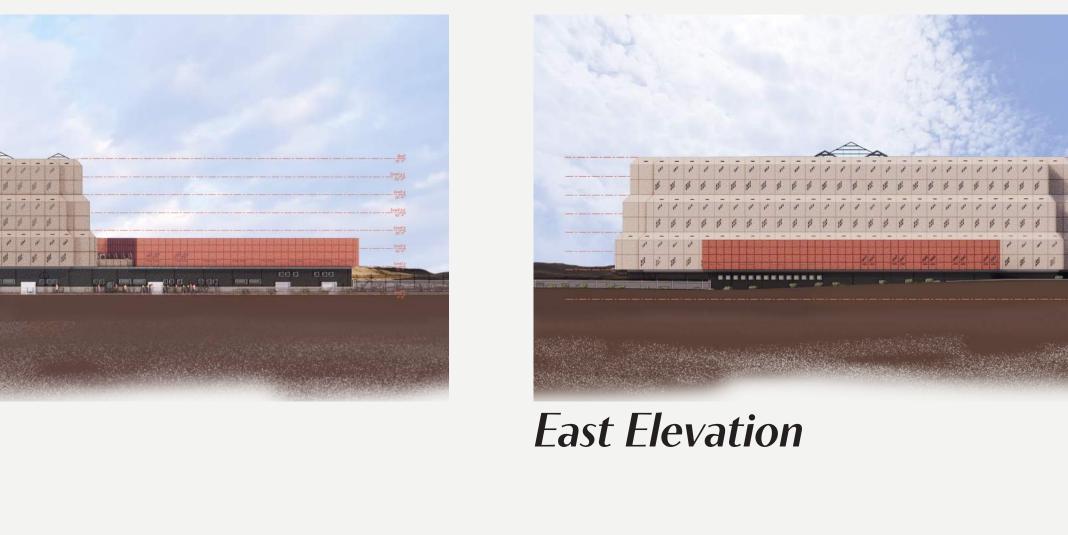


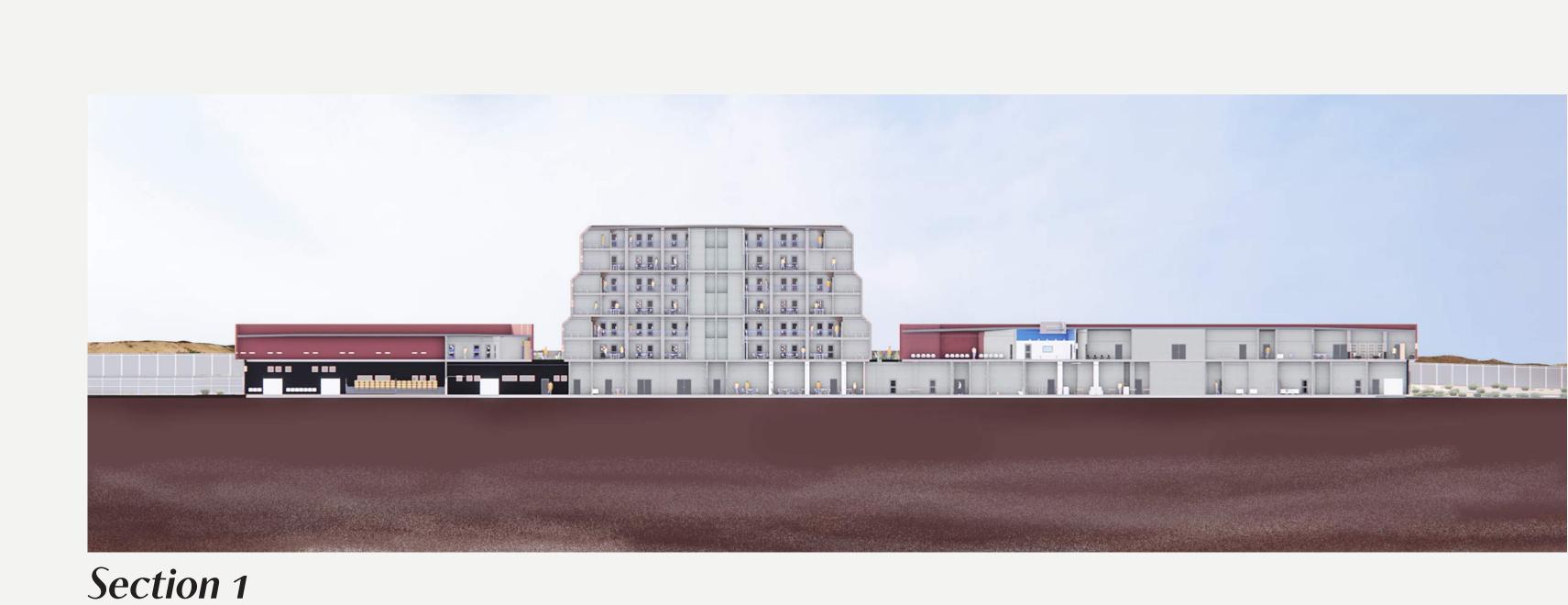
A 2.5 Level Plan

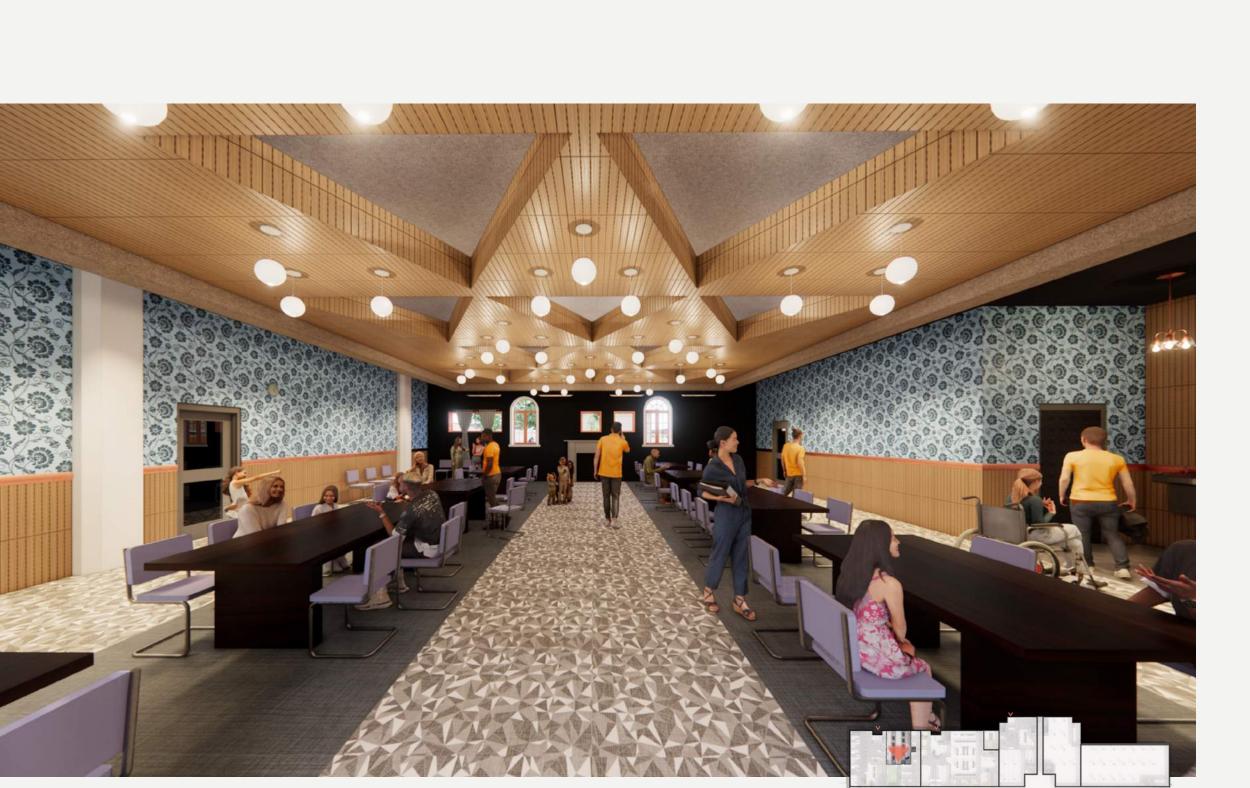
0 8 40 80

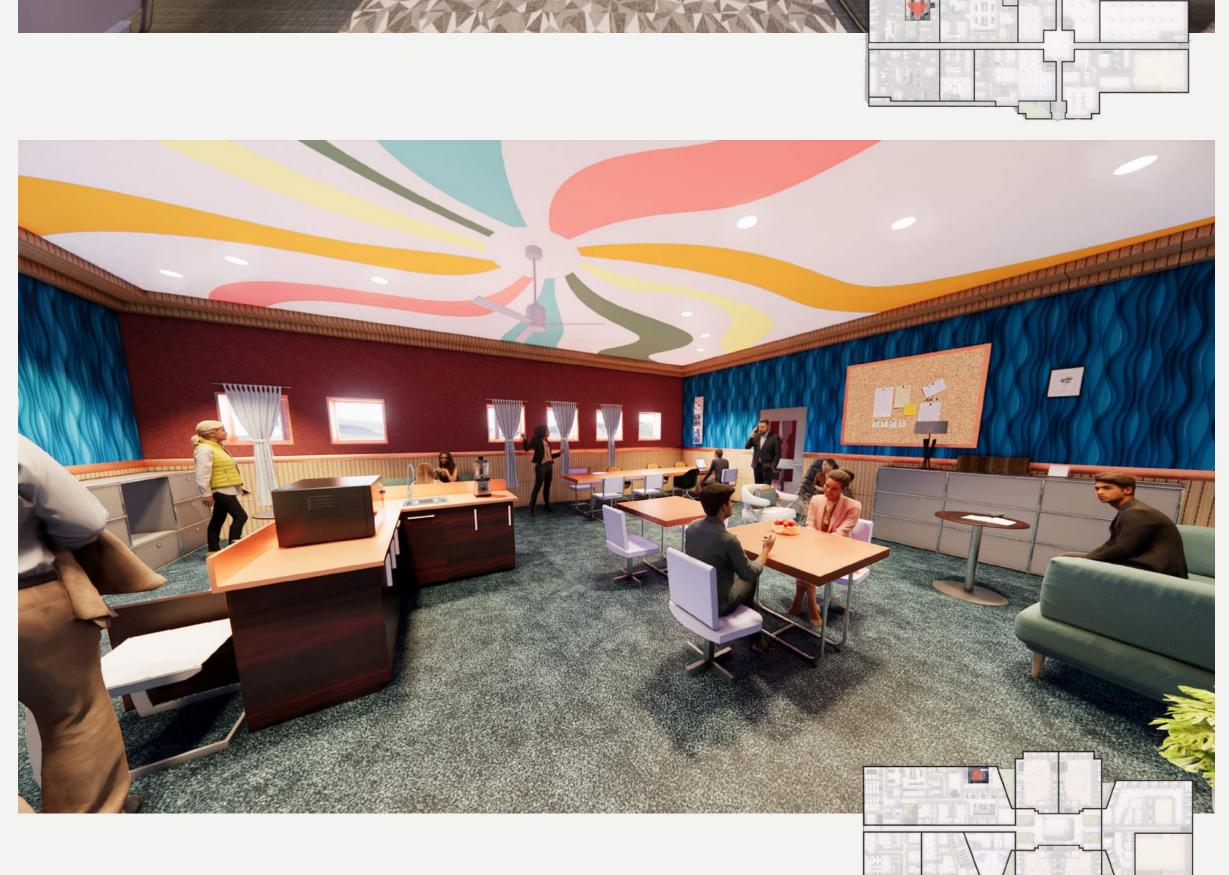


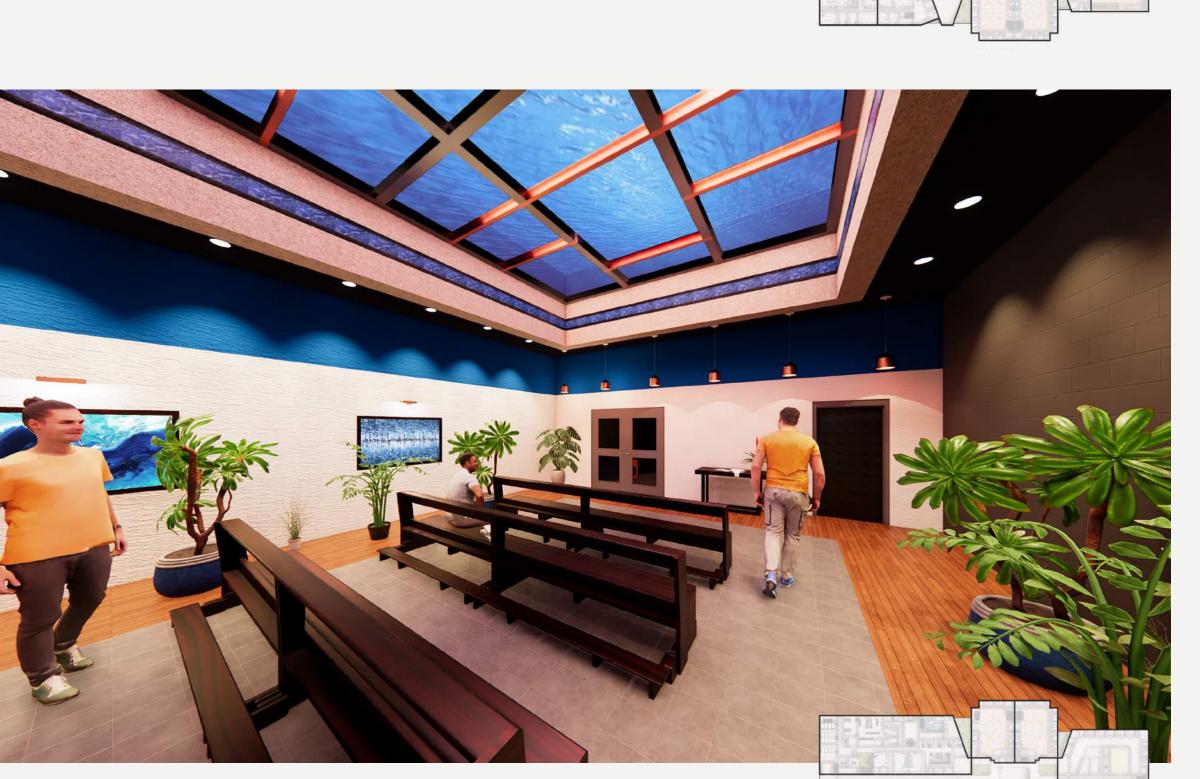


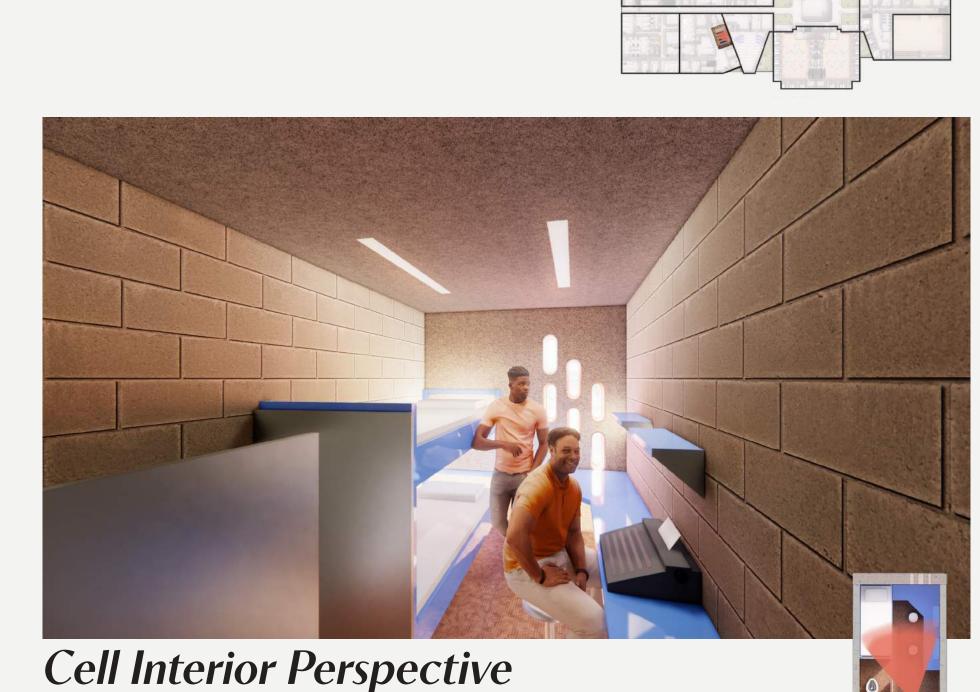




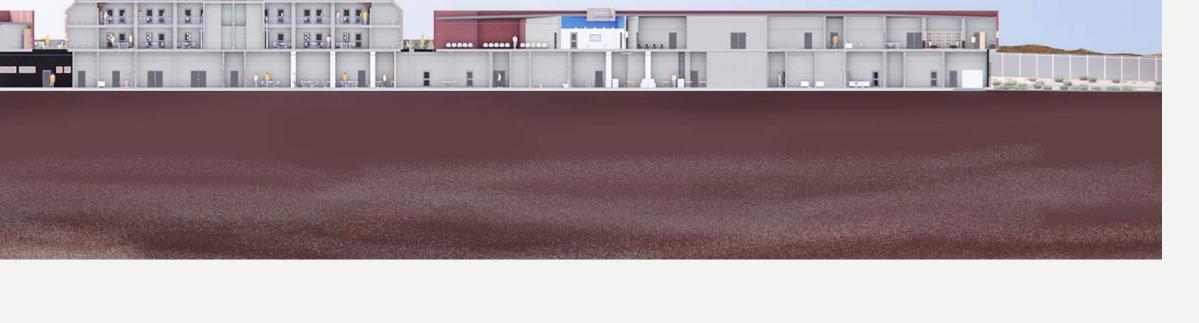










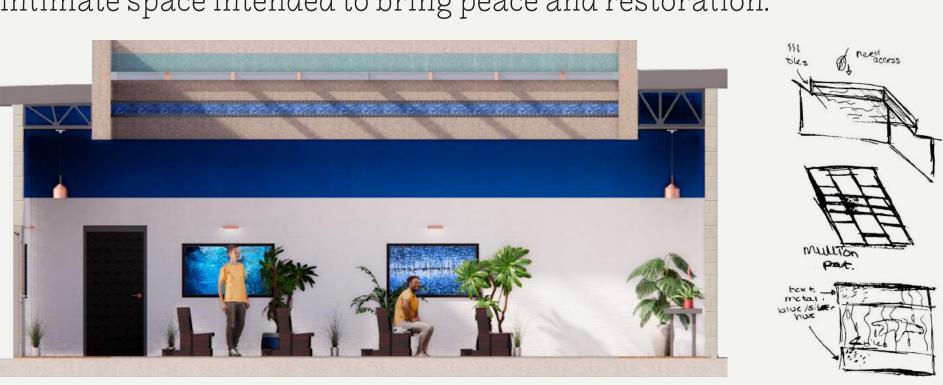


Visiting Room Interior Perspective The visitor center had careful design consideration. It is important that the space is not sterile and uncomfortable and also important that this space did not resemble home life and comfort. The design had to be a blend of comfortable and uncomfortable. Thus, to take the visitor center away from the sterile environment, the walls and the ceiling took upon an enriched design. These areas are not often touched and are harder to reach, allowing for greater design freedom, allowing the design to be playful in these areas. The carpeting designates paths of where to walk while replicating the triangle pattern seen on the ceiling. The furniture is kept simple and open to maintain a secure environment.





The chapel is used as a private place of worship for prisoner and staff use. It features a roof pond that allows natural light into the space while it obstructs distractions in the sky. It returns the focus in the space to the happenings of the chapel. The floor, then, reflects the outline set in the ceiling to separate walking paths from the pews. It is a small and intimate space intended to bring peace and restoration.



Chapel Interior-Section-2





Level 2 Activity Rooms

Sm					
	THE P			0 0 0	
		T M M			
	D W		N N N N N N N N N N N N N N N N N N N		



The circulation diagram follows the staff- orange, inmates- blue and visitors- red. Following a typical day, these paths showcase the dynamics of the floor plan circulation paths.

ADay in the Life

4AM		Wake up & get ready
5ам	Breakfast	Punch in
6ам	Report to work assignment/ attend classes/ personal time	Receive assignment
7 _{AM}		Relieve the previous shift
8 _{AM}		Conduct a round
9ам		Count inmates
10ам		Let inmates out
11am		Answer the phone
12am	Lunch	· ·
1рм	Report to work/ go to gym/ recreation activities	Deal with minor issues Respond to a fight?
2рм		Fat S
ЗРМ		
4 _{PM}		Lock inmates back into the
5рм	Dinner	Count inmates
6рм	Attend classes/ call families/	Wait for relief

Making the prison habitable puts the desire to escape out of mind. When an environment that is comfortable and suitable for longterm use factors that might conjure the need to escape are eliminated. Here, inmates' time can be purposeful. With a chapel for self reflection, art studios to create hand made works and various classrooms throughout the prison for hands on skill improvement, this prison intends to fill its users time with positive activities.

