

Developer Update / July 8, 2050

sealed fiberglass reinforced plastic

waterproof membrane

eco-core recycled paper insulation

lightweight steel hull

graywater tank + filter

anodized aluminum frame + marine window

detachable portal wall

customizable operable exterior shades

customizable wood flooring

Developer Update / July 8, 2050



Miami 2050 Archive



Developer Update / July 8, 2050

## Miami 2050 Archive

_		<b>*</b> •		••		_	-			•		• •		,	_	-		•		4		• •
¢			-		<b>.</b>	•	•	ſ			-	I.	ŀ	•	•	e	٢				•	L.
•		* * •		·	• •		•		*  •	•			•	•	4	•		•	•	é		
•	•		١	. 0			•	*	. 6		٩		0			•	1		0	4	١	•
		•	•			• •	_	•	r		•			. 1	۲	•	•				•	
•	•	• * *	-	· M			•	Ŧ	- 1		-	٦	Μ			•	٠	• '			-	٦
9	,		<b>`</b>	•	•	٩	,	_		•	<b>`</b>	•	[]	۲	•	,	-		•	•	<b>'</b>	
•		• •	•	• •	Ι.	、 、		•	•		•	• '	11	. 、	١		•	•		•	•	٠
-	•	• • .	•		ļ		•	• •		$\downarrow$	•			•	۵	-	•		*	•	۵	
,					· ,	•	,		•					,	۰.	۲		•	•	v	•	
-		_ <u>```</u> ``	<u> </u>	•••	•	<u> </u>	_		-		<u> </u>	••		•		-		•			, <u> </u>	•
•	•	4 * 1	•	· 0	í 🔔	•	•	*	•C		•			í	•	•	* •	•	0		•	
(		_ <b>* •</b>		Í Q		•	•		· E		۰.	* *		•	٠	•	•	.U•	0	•	•	
4		۰ <b>۰</b>		•	•	•	• •	•		1		۵		•	•	• •	•	v	•			•
4.		•		• •	<b>`</b>	•	•			·   •		1	1	•	•	٩.			•		1	1
,		* *		• •	•	•			•			4 4		•	•			•		•		• •
¢	a a		-		•	•	۲ e	ſ			•		ŀ	۵	•••	¢	L				•	
•		* • •		·   •	•		•		* •	•		·	•	`.	•	•		•	•	6		•
	•		٩		•						•			٠		•	٠		•		٩	
		· ·				• •	_	•		*				6	v	_	•			4		
	Ŧ	• • •	•		<u>ل</u> م		<u> </u>	v	• *		-	Ň	H	•		<u> </u>	۲	• "				
	)	•	• L	<u> </u>	_  ,	٩	•		Ļ		<u> </u>	•	•	•	٩	•		l	_	•	• •	
		•		· •		、 、		•	•			•			٩	-	•	٠	-			•
•	•	•	•		•		•	• •		•				,	۵	•	• •	)	*		•	•
•					• •	•	,		•				•	,	•	•		•	٩	•		
		- <sup>1</sup> •	• ['	`  •	٠	• _ `		-	•		<b>'</b> .	•	4	•	-		-	•		•	' <b>_</b> •	•
•	•	4 * 1	Ī	•	6		•	* •		•		•		í	,	•	* •		4			•
6		_ • •	•		•	•	•	<u> </u>	* •		1.		•	•	•	•	•		•	•	•	
4		*		<b> ^</b> ]	•	٩	• •	*	v	٠		•	-	•	•	• •	*	۲	٠			۵
•		•		• •	•	•	•		•	•	'   ∎	<b>P</b>	t,	•		•			•		. 1	1
,		* *		<b>†</b> •	•	•			•			• •	٦	,	•	,		٩		•	,	• •
ť	L.		/-	~	٠	•	• •	E C			-		,•	٠	•••	e	ĸ				•	
•		•••			•		•		* •	6				• .	•	•		•	•	•		·
	•		•	. •	٠						•		•	٠		•	•		2		•	-
_					_ (	• •	_	•		ł		-	•	•	•	_	•			4 '		
· _		- ' '	- T	•	y		、	Ŧ	• '	-		٦	_	<b>y</b>		、-	•	• '				٩
/,	,	. •		• •	•	٩	•			•	<b>6</b> (	•		۲	٩	,			•	4	<b>'</b> •	
		• •		• •		、 、		•	•	•	•	• '			۲	-	•	•		•	•	٠
-	•	• • .	.  •		,		•	• •		•	•			•	۵	•	• •	I	٠	-	۰	
,					•	•	,		•	•			·	,	۰.	۲		•	•	v	•	
		- · ·	· [`	•••	٠	•			•			•••	4	•				• •				•
	•	• • •	I	•	6			* •		•	•			6			* •		٩		•	•
(	•	_ <b>* •</b>	•	•••	•	•	•	<b>.</b> -	• •			• •		•	٠	•	•		•	*	•	•
4	•	•		•	•	•	• •	•		٠		•		•	•	• •	·	v	٠			•
• .		•	•	• •	•	•	•		•	•		• (		•	•	•	۲		•		1	•
		* *		• •	•	_	•		•	•		4 4		•		•		•		•		• •
2	Ľ		•		٠	•	•	Ľ			-	ı	<b>,</b> •	٠	•••	4	E.				•	I.
		• • •			•	•	•		* *	6			•	• ,	4	•		•	•	6		
•		• •	•	. •	٠			*			٩		•	٠		•	•		2		٩	
		•			-	• •	-	٠			•		•	•	•	-	٠			•	•	
•	Ŧ	• • •	-	۰.	•		•	Ŧ	• '	•	-	٦				•	٠	• '			-	٦
9	)		· ) '	•	•	•	•	•		•	<b>`</b>	•	-	۲	٩	•	•		•	•	<b>'</b> •	
•		•		• •	,	• •	•	•	•	•	•	•	•	, 、	١	•	•	•		•	•	٠
	•	• • •	<u>/</u> •	* *	•		•			•		* *	•		۵		•	)	٠	•	•	
•		· · ·/		• _	,	•	•	4	` •		, (	• _		,	۰.	۲	4	•	•			_
		· ~		•	٠	•			•		۲	•	4	•	•		•	• '		•	۲	•
	/	<b>/ ·</b> ·		• •	6	•		•	J	•		•••	. (	í	•		•	J	4			•
	•	<b>_ ≯ ●</b>	* •	, <b>.</b>	•	•	•	• -	* •	•	• •		٠	•	•	•	•	- •	•	*	٩	
•	•		•		•	•	• •		۲	•		1	•	•	•	• •		۲	•	•	î	
۰,	٠	•	•			•	۰,	٠	•	,	•			•	٠	۰,	•	•	•		•	
		- •		• •					-	•		• •		•				-		4		• •
<i>.</i>	Ľ	• • •	•	٦.	•	•	¢	Ľ		6	•	¥.	~	•	•	£	Ľ	•		6	•	<b>I</b>
	_			I	•	•		_			_		•									
•	•		•	• •	•		•	•	• *	•			٠	•		•	•	•	è	4	•	•
-		` ~	•		<b>y</b>	• •	-	•		-	•	_	٠	<b>,</b> '	۲	-	•		-		٠	_
•	Ţ	•	-	` •	_	•	•	Ŧ	•		-			_	•	•	۲	•			-	•
y		- , - *	•	•	- •	-	•	•		•	•	-		•	•	Ţ	•	•	•	4	• •	
•	•		•	•	,	•				•	•	•		• `	-	•				•	•	•
		*	,	* 1	•				_	*	, –	+ 1	•		•		-		٠	₽		٠
•			. (	•	•	` (	•	4	•		. (	• •		•	•	۲	4	•	4	_	. •	•
	*	• •	٠			•••	•	•	<b>-</b> ,	•	٠		•	•	٠	•	* -	۰,	-	*	۲	
	,			* *	•	•		-	• -	-		* *		•	•	•	•		•			*
. '	•	•	* •			•		•	-	٠	× •	4	٠		•		•	- *	-	•	٩	۵
•	•	¥ .	•	i (			• •		•	•		1 (	Η.	•		• •		۲	,		1	ı
• ,	•	•	•	• •		•	• •	٠	•			• •	,	•	•	• ,	٠	•	•	•	•	• •
ند		•	-		٠		•	_		•	-			•	• •	A	_			•	-	
<i>"</i>	Ľ	۰ ۰	-	•	•	•	•	Ľ	• •	é	-	<b>V</b>	-	•	•	r •	C.	•	•	6	-	I.
		۰ ۱	•		•	•		•			•		-	•			•				١	
•	-	, <b>*</b> *	-	. •	•		*	۲	• •	•	-		٠	÷		•			•	•	-	•
-		, , ,	٠	•	<b>y</b>	• •		•	F	-	٠	*	۲	<b>,</b> '	•	-	•				•	
•	•	•	-	<u> </u>	_	•	•	۲	•		-	•	•	-	•	•	۲	• `			- 	-
9		• 、 • *	-	. •	- •			•		•		_ I	• •	•	•	Ţ	•	•	٩	•	-	•
		•	•	-		•	-			•		•			_	-				•		-



Developer Update / July 8, 2050

Hybrid Housing Island B

![](_page_4_Figure_1.jpeg)

Developer Update / July 8, 2050

![](_page_5_Picture_1.jpeg)

Developer Update / July 8, 2050

![](_page_6_Picture_1.jpeg)

Developer Update / July 8, 2050

## Miami 2050 Archive

![](_page_7_Picture_1.jpeg)

Developer Update / July 8, 2050

recycled plastic shading fins

![](_page_8_Picture_2.jpeg)

cast in place concrete floors

steel framing

Developer Update / July 8, 2050

![](_page_8_Picture_6.jpeg)

### Miami 2050 Archive

ETFE + polycarbonate shading

steel + polycarbonate walkways

proprietary limestone 3D print composite

![](_page_9_Picture_1.jpeg)

Developer Update / July 8, 2050

### Miami 2050 Archive

![](_page_10_Picture_1.jpeg)

Developer Update / July 8, 2050

![](_page_11_Picture_1.jpeg)

## Developer Update / July 8, 2050

![](_page_11_Picture_3.jpeg)

Project Proposal Firm: <u>Future Velvet</u>

![](_page_11_Picture_5.jpeg)

![](_page_11_Picture_6.jpeg)

![](_page_11_Picture_7.jpeg)

Intermodal transit hub

Coastal wetlands

![](_page_11_Picture_11.jpeg)

Hybrid housing

Transient programs

Land reclamation on minor island formations

![](_page_12_Picture_1.jpeg)

Developer Update / July 8, 2050

![](_page_12_Picture_3.jpeg)

## Miami 2050 Archive

![](_page_13_Figure_1.jpeg)

Developer Update / July 8, 2050

## **Storm Surge Inundation Scenarios** (category 5 hurricane)

![](_page_13_Figure_8.jpeg)

Up to 3' above ground

Recreated map from NOAA's National Hurricane Center Storm Surge Unit.

![](_page_14_Picture_1.jpeg)

## Miami 2050 Archive

![](_page_15_Picture_1.jpeg)

Miami 2050 Archive

view 3

![](_page_16_Picture_2.jpeg)

technical dossier

## miami

## FLOAT HOUSE: PARTS

ROOF\_PHOTOVOLTAIC PANELS ROOF\_STANDING SEAM GALVALUME ROOF\_SIP PANEL ROOF\_SIP PANEL ROOF\_SIP FOAM INSULATION ROOF\_SIP FRAMING ROOF\_SIP FRAMING ROOF\_JOISTS ROOF\_PERFORATED METAL EAVE ROOF\_TIMBERSIL PURLINS ROOF\_STEEL EAVE POSTS

DECK\_TIMBERSIL DECKING DECK\_DECORATIVE ALUMINUM GUARDRAIL DECK\_PRECAST CONCRETE STAIR

WALL\_SWISS PEARL CLADDING WALL\_TIMBERSIL BATTENS WALL\_SIP PANEL

FLOOR PLAN
(1) FRONT PORCH
(2) LIVING ROOM
(3) GALLERY
(4) KITCHEN
(5) BEDROOM
(6) BATH
(7) MECHANICAL
(8) GUIDE POSTS

technical dossier

![](_page_17_Picture_7.jpeg)

### Miami 2050 Archive

Contraction of the local division of the loc			
10.00			
10.00	1000	10 C	
		State of the local division of the local div	
1000		1000	
100 C		100 C	
	States of the local division of the local di		
1000			
1000			

GALLERY_POLYCARBONATE
CLERESTORY ROOF
RAINWATER COLLECTION TANKS
GALLERY_WINDOW FRAMING
GALLERY_ STEEL DECK SUPPORTS
PHOTOVOLTAIC BATTERY STORAGE
GALLERY_POLYCARBONATE
HURRICANE SHUTTER

![](_page_17_Picture_11.jpeg)

miami

![](_page_18_Picture_1.jpeg)

## Miami 2050 Archive

![](_page_19_Picture_1.jpeg)

![](_page_20_Picture_1.jpeg)

## Miami 2050 Archive

## BUY UA & FOR UA

As a university owned and operated store, our mission is to support and serve UA students, faculty, staff, and the local community. For more information, please call us at (520) 621-2426 or visit our website at chop.arizona.edu.

![](_page_21_Picture_2.jpeg)

![](_page_21_Picture_3.jpeg)

ROARING SPRING. PAPER PRODUCTS ROARING SPRING, PA 16673

![](_page_21_Picture_5.jpeg)

![](_page_21_Picture_6.jpeg)

![](_page_21_Picture_7.jpeg)

▶ shop.arizona.edu

SEDAG BI	8 LEAVES	"LX "S"
		3TAQ
		NSTRUCTOR_
		RECTION
		SSV13
	1	subject
		AMA

Tey ha 300 el SAKCE 777 PROTRAM anty 1 to Dix + -Acres 1

![](_page_23_Picture_0.jpeg)

![](_page_24_Picture_0.jpeg)

![](_page_25_Picture_0.jpeg)

BOOK JAPAN -202 Vac 5 ten For aby R.A Re AVA in Amy POR DAM

![](_page_27_Picture_0.jpeg)

Butterfly space

![](_page_28_Picture_0.jpeg)

render of Amphitheater

### Programs

### Trauma space

This is the large building that wraps around the trees and green spaces. This building is a gallery space, where members of the community can hang their art and have a space for reflection. It has private indoor and outdoor spaces where groups can gather privately.

### Amphitheater

Located next to the trauma space is an outdoor amphitheater. This is a space where outdoor performances such as storytelling or small-scale concerts can take place. It is a place, where anyone in the community can come when they are looking for a stage.

### Art school

The program for this building is not fully fleshed out but ideally, it would be a place where art is practiced. That art could be physical painting or drawing or learning music. It could also double as a community center. Currently, there already is a community center on the site that has classes for adults, this art school could double as a second part or possibly replace it. The art school would also have classrooms where AA meetings can happen or meetings that want to address chemical dependency issues.

![](_page_29_Picture_7.jpeg)

![](_page_29_Picture_8.jpeg)

Render of other trauma spaces

![](_page_30_Picture_0.jpeg)

Trauma Gallery Space

Baltimore is a city that has existed since the 1700s. The Star-Spangled Banner was written there, and the American Revolution and Civil War were fought there. It is a city rich with American history but also Black history and given that family is present, Baltimore would be an ideal place to materialize the ideas behind black urbanism.

### History

![](_page_31_Figure_2.jpeg)

Diagram of concepts

Historical analysis was done and graphed to understand the complex history of Baltimore's Black citizens. The timeline starts in 1619 when the first Africans arrived in slave ships at Fells Point. Fell's Point is a port located on the Chesapeake Bay, which runs into Downtown Baltimore.

Fell's Point was not just the access point for Black people into Baltimore, but it was a processing and purchasing point where slaveowners could purchase Africans. Fredrick Douglas who was born in 1820 just a few blocks from Fell's Point wrote about seeing the ships waiting in the Chesapeake Bay, and how men would rip children from their mothers to make a sale . Once Africans were purchased, they were packed onto ships and sent to southern states such as Georgia or the Carolinas.

Like New Orleans, Baltimore had a unique slave condition in which Black slaves and freed Black people could exist together. As opposed to the south where a person's black skin relegated them to slavery for life. This unique slave condition made Baltimore a destination to freedom seekers coming up from the south. Looking at maps on the underground railroads, one can see that Baltimore was a key city on the way to the north. By 1820, 30% of freedom seekers escaped to Baltimore from the south and more than 10,000 freed blacks were living in Baltimore. Part of what made Baltimore an attractive place was escaped slaves could blend in and receive help from other freed black people and by 1808, Maryland banned the importation of new Africans from Africa. No longer was there a threat of being kidnapped and shipped off to slavery through Fell's Point.

![](_page_32_Figure_0.jpeg)

![](_page_32_Picture_1.jpeg)

Greenspaces, paths and trees transposed onto the sides

Diagram of trauma spaces and other programatic space

![](_page_33_Figure_0.jpeg)

![](_page_33_Figure_1.jpeg)

Connections to trees

![](_page_34_Figure_0.jpeg)

Map of churches

Churches with establishment dates, marking trees

### Kujenga Tena

### Jordan Strickland

Historically, Black Americans have been present in the United States since the early 1600s. We were present for the American Revolution, fought in many other American wars. We built the earliest of American infrastructure and our labor contributed to the US becoming a fierce global competitor. We also have contributed significantly to American culture through the creation of jazz, blues, r&b, hip hop, gospel, other musical genres, and art forms. Yet, from the reinvention of old voter suppression laws, the constant violation of our constitutional rights, and the millions of unjust murders by the hands of the state, our place in American society is still not evident.

LEFT: What is Black Urbanism.

## BUY UD FOR UD

As a university owned and operated store, our mission is to support and serve UA students, faculty, staff, and the local community. For more information, please call us at (520) 621-2426 or visit our websile at shop.arizona.edu.

![](_page_36_Picture_2.jpeg)

![](_page_36_Picture_3.jpeg)

![](_page_36_Picture_4.jpeg)

### THE UNIVERSITY OF ARIZONA BOOKStores

vb9.enozine.qoda ∢

SEDA9 BI	8 LEAVES	"Ł X "S
		ATE
	and the second second	- NOTONATOR
	A CONTRACTOR	ECTION
		SSAJ
	C. C. Martin	UBJECT
14 dia	Carl Marcall	AME

![](_page_37_Figure_0.jpeg)

26 2021 Fiz 2021 I gleath findada X Great fatre The state of the second Gilvacto WARD - LANGE THE The second s

![](_page_39_Picture_0.jpeg)

782 MA eva AT pero - place mater ul bann - Not youte belogy LUTOVER TEXA - THEin deala dema staday ingens hequing and - the Baltimor 16n 170 1800 1026 Vorg Frant ) MAGNET 11 afosti +- Jordo negro boway with Eall CAT A IMAGX BE HUREH TO TREE les diagrama 7 Moralo Tin W la Ba FXTRAN - I sala Fredrick F Tach To This

## SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION EXTERIOR PERSPECTIVE | NORTHEAST ENTRY

![](_page_41_Picture_1.jpeg)

## SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION COUNTER SECTIONS | SCALE: 1/4" = 1'-0"

![](_page_42_Picture_1.jpeg)

- 2
- 3

- 7

- 11 NERVO METAL WITH HAND-APPLIED MORTAR
- 13 WOOD STAIR FINISH
- 14 ONE-WAY MIRRORED GLASS
- 15 CAST-IN-PLACE CONCRETE SLAB
- 16 EARTH

- 20 SUN TRACKING SHADES

![](_page_42_Figure_23.jpeg)

## SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION COUNTER SECTIONS | SCALE: NOT TO SCALE

![](_page_43_Figure_1.jpeg)

![](_page_43_Figure_2.jpeg)

COUNTER SECTION B

### KEY

- **ROOF MEMBRANE**
- **RIGID INSULATION** 2
- CAST IN PLACE CONCRETE 3
- CONCRETE BEAM
- GLASS CURTAIN WALL
- CONCRETE COLUMN
- WOOD SCREEN 7
- ALUMINUM RAILING WITH WOOD HAND RAIL
- CAST-IN-PLACE CONCRETE FLOOR
- 10 WOOD FRAMING
- 11 NERVO METAL WITH HAND-APPLIED MORTAR
- 12 WOOD PLANK FLOOR FINISH
- 13 WOOD STAIR FINISH 14 ONE-WAY MIRRORED GLASS
- 15 CAST-IN-PLACE CONCRETE SLAB
- 16 EARTH
- 17 CONCRETE FOOTING
- 18 BUILT-IN WOOD DESK
- 19 ACOUFELT CARPET
- 20 SUN TRACKING SHADES

![](_page_43_Figure_25.jpeg)

## SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION FIRST LEVEL PLAN | SCALE: 1/4" = 1'-0"

![](_page_44_Picture_1.jpeg)

## SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION INTERIOR PERSPECTIVE | CAFE

![](_page_45_Picture_1.jpeg)

## SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION EXPLODED AXON

![](_page_46_Picture_1.jpeg)

![](_page_46_Picture_2.jpeg)

## SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION CLUSTER, CONTAINER, SKIN

![](_page_47_Picture_1.jpeg)

## SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION DIAGRAMMATIC STUDIES

![](_page_48_Picture_1.jpeg)

![](_page_48_Picture_2.jpeg)

![](_page_48_Figure_3.jpeg)

# **SITE | PROCESS | STUDY MODELS | AXON | EXPERIENCE | PLANS | SECTIONS | CONCLUSION** FALLS PARK | SIOUX FALLS, SD (

![](_page_49_Picture_1.jpeg)

![](_page_50_Picture_0.jpeg)

(520) 621-2426 or visit our we beite at shop.arizona.edu. community. For more information, please call us at support and serve UA students faculty, staff, and the local As a university owned and operated store, our mission is to

![](_page_50_Picture_2.jpeg)

![](_page_50_Picture_3.jpeg)

ESBOI AS ONING SPRING ROARING SPRING PAPER PRODUCTS

![](_page_50_Picture_5.jpeg)

![](_page_50_Picture_6.jpeg)

BookStores ΑΝΟΣΙΆΑ ΤΟ ΥΤΙΖΑΞΛΙΝΟ ΞΗΤ

ub9.6nozine.qoda 4

SEDVA 9L	8 FEAVES	ar L X arS'
1		3TAC
-	The second se	изтвистов
The sect	Contraction of the second	ECTION
	The second second	SSAJ
The second second	1	SUBJECT
	9	AMME

10 Feg 202 South bat ot t A. Modely from TROMPT J - Untbeton 's RENT I Sate besen this also mg 2. SITE Wan F 7-NEGER Willer

![](_page_52_Figure_0.jpeg)

1. the tally W 2. TO My 3. Exclusion 1 4. Spite Plan 1/8 5. BANT MODERON EI AT +. Jeston Brothol

![](_page_54_Figure_0.jpeg)

![](_page_55_Figure_0.jpeg)

19 1202, -> Ranty Mr-Ponich 7. How Frumber Ref, John WAX -Tah bosy - Thus - Emm - Mart - FFIE 11

![](_page_57_Figure_0.jpeg)

- gravel
- 2 insulation
- 3 concrete slab
- 4 rubber pad
- 5 bamboo flooring
- 6 glulam beam
- 7 exterior wood veneer (to match glulam)
- 8 glulam column
- 9 mullion
- 10 glazing
- 11 interior wood veneer (to match glulam)
- 12 solid blocking to attach veneer
- 13 concrete retaining wall
- 14 concrete footing
- 15 soil with planting
- 16 filter fabric
- 17 reservoir drainage
- 18 moisture retention
- 19 root barier/waterproofing membrane
- 20 green roof

![](_page_57_Figure_22.jpeg)

![](_page_57_Picture_23.jpeg)

## **Detailed Sections & Counter Sections**

![](_page_58_Figure_1.jpeg)

Counter Section 1

![](_page_58_Figure_3.jpeg)

Main Section

![](_page_58_Picture_5.jpeg)

![](_page_58_Picture_6.jpeg)

Counter Section 2

- 1 gravel 2 insulation

- 2 insulation
  3 concrete slab
  4 rubber pad
  5 bamboo flooring
  6 glulam beam
  7 exterior wood veneer (to match glulam)
  8 glulam column
  9 mullion
  10 glazing
  11 interior wood veneer (to match glulam)
  12 solid blocking to attach veneer
  13 concrete retaining wall
  14 concrete footing
  15 soil with planting
  16 filter fabric
  17 reservoir drainage

- 17 reservoir drainage 18 moisture retention
- 19 root barier/waterproofing membrane20 green roof

 $\triangleleft$ 

![](_page_58_Picture_26.jpeg)

Counter Section 3

![](_page_58_Picture_28.jpeg)

![](_page_59_Picture_0.jpeg)

![](_page_60_Picture_0.jpeg)

![](_page_61_Picture_0.jpeg)

![](_page_61_Picture_1.jpeg)

![](_page_62_Picture_0.jpeg)

 $\langle \gamma_{0} \rangle$ 

![](_page_63_Figure_0.jpeg)

![](_page_63_Figure_2.jpeg)

![](_page_63_Picture_3.jpeg)

![](_page_63_Picture_4.jpeg)

![](_page_63_Picture_5.jpeg)

![](_page_64_Picture_0.jpeg)

![](_page_65_Picture_0.jpeg)

## AU ADT AU YUB

(520) 621-2426 or visit our websit at shop.arizona.edu. community. For more information, please call us at support and serve UA students, faculty, staff, and the local As a university owned and operating store, our mission is to

![](_page_65_Picture_3.jpeg)

![](_page_65_Picture_4.jpeg)

ETABI AS , DHIRRD DHIRADR PAPER PRODUCTS BONIAGE ONIAAOR

![](_page_65_Picture_6.jpeg)

To forgetition & Board To I Shate - Info "Stert" (X Muyrand Tes Sento product Victure 200 125 . 261 - te de Stubr Salesh SA WAG =1 AGu PROS AW tothin SEOMECT

bef entre tiven to and own Relating form / esperience ? Ned Refinements ! ajasm in any g "SPIRALAY a Wonateno for poach Tops out book form 04 = plante fel takonting Voutral are pla D'beone the 17 math A Jack's not B plantz kaim 58.2 fel. FLW