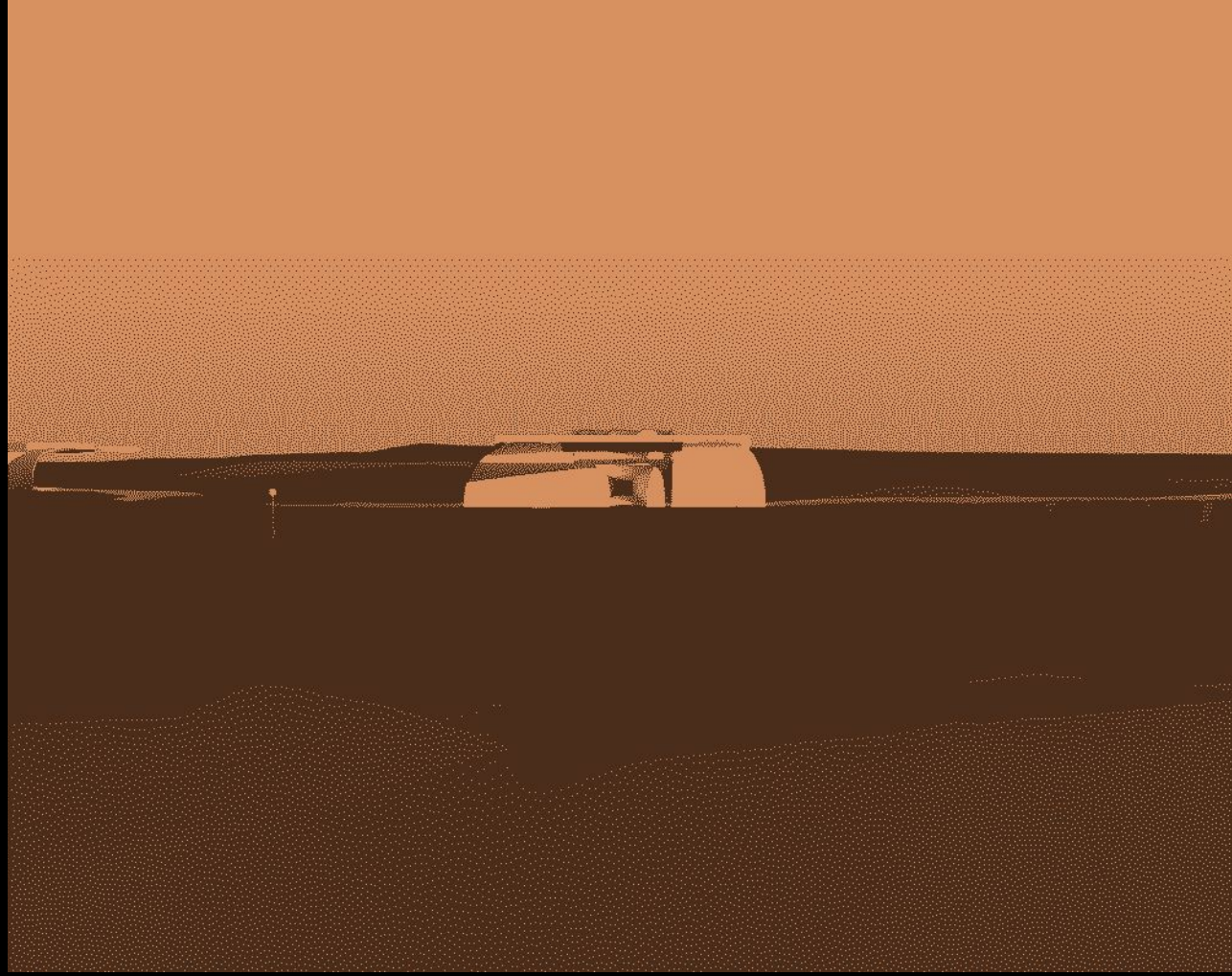
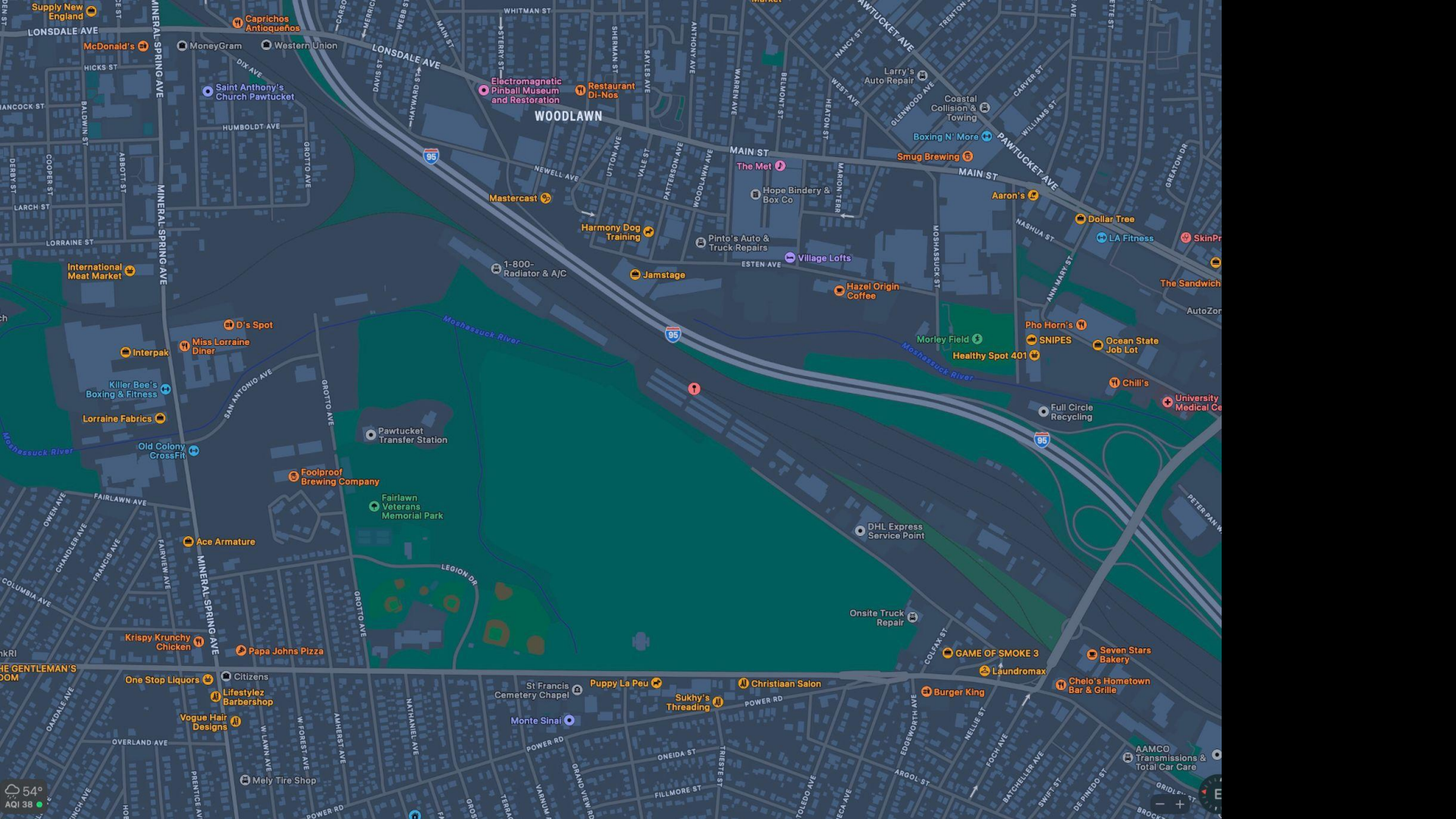


ritual sonification

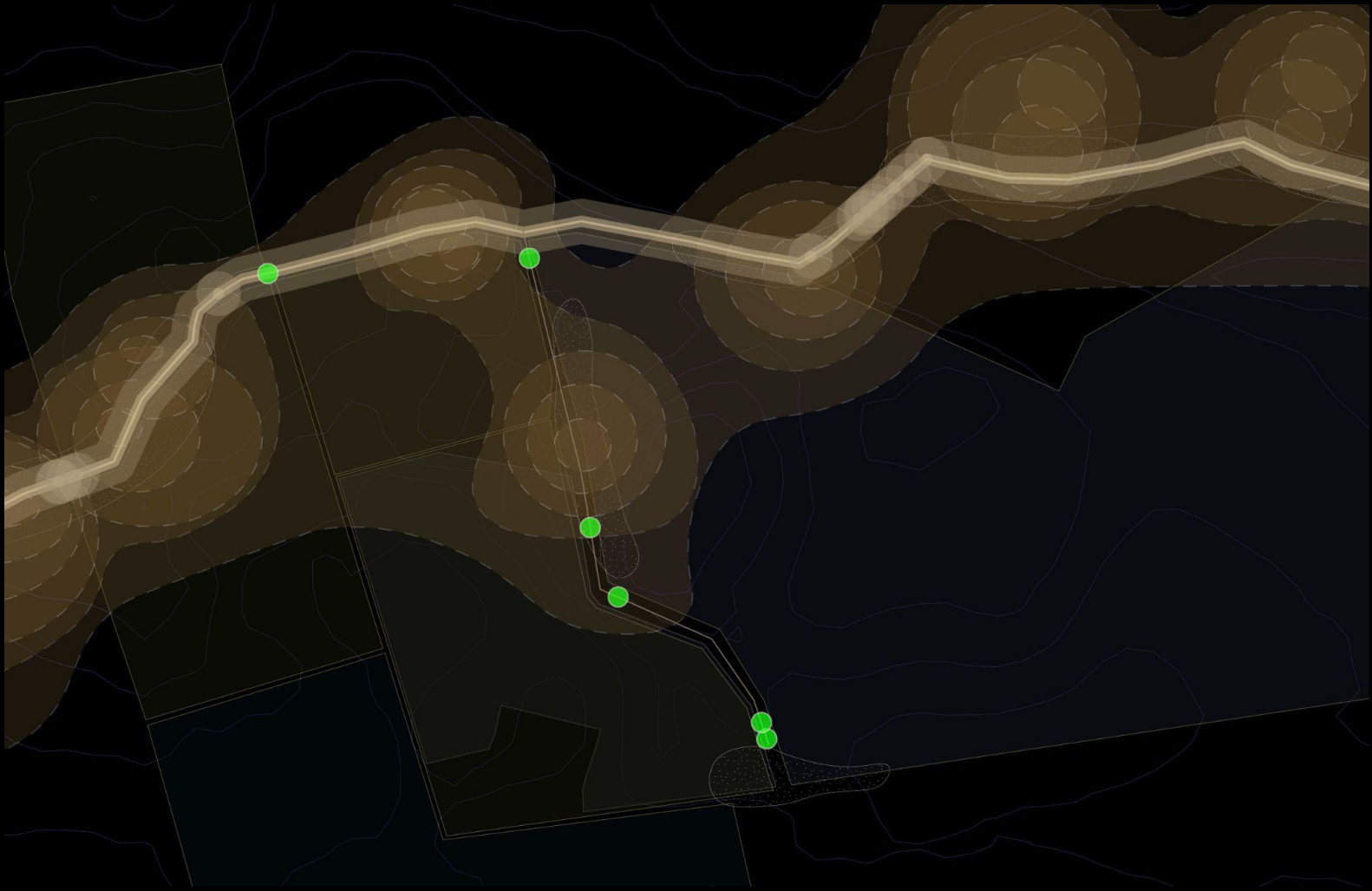


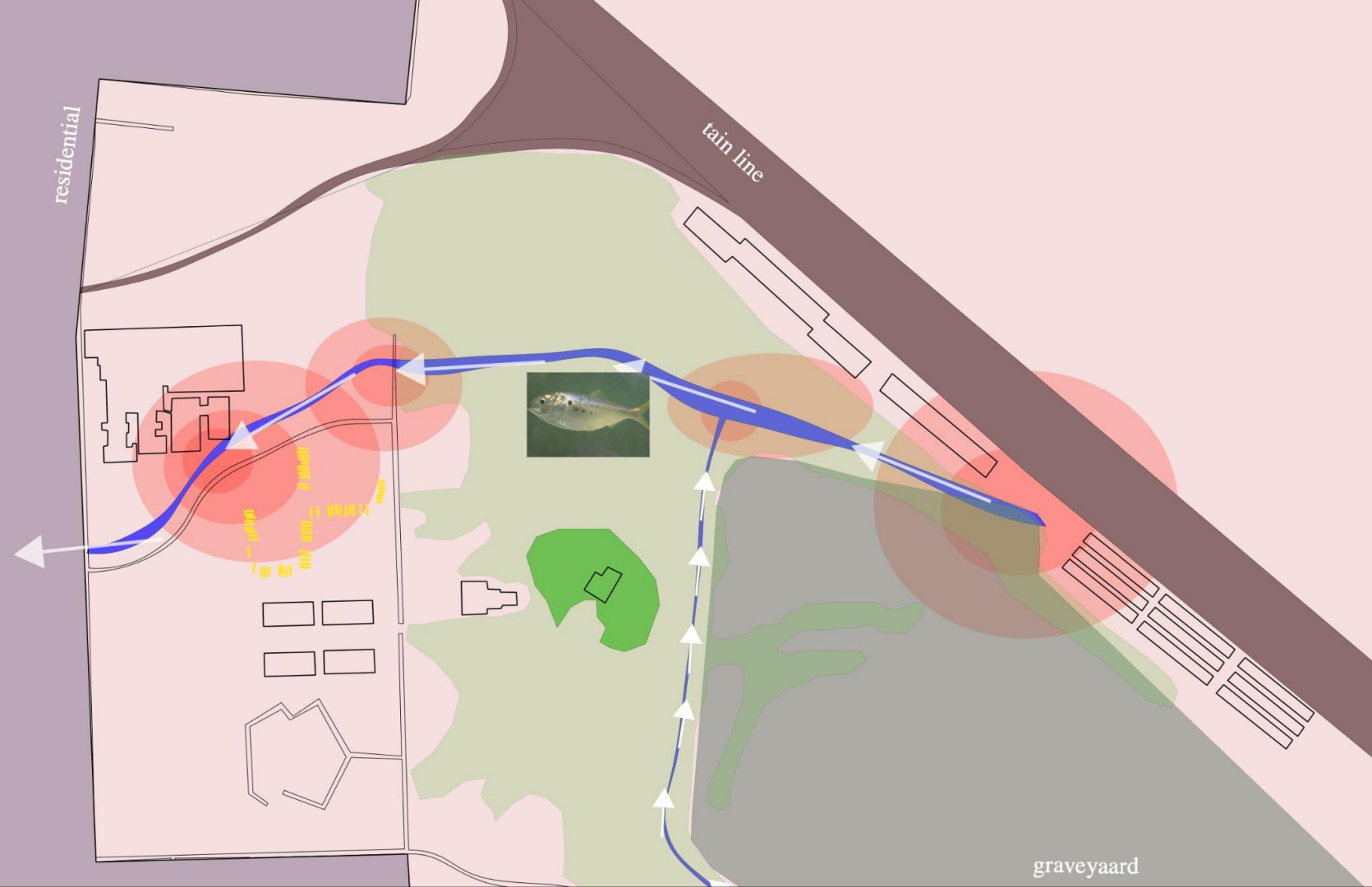
urban metabolism

















field notes 2025-02-16

all saints drain

build by the work projects administration from 1935-1940

cold

low water level

full of snow, ice, leaves twigs

channel build with bricks

sun glistens along the narrow strip of ice, with unfrozen pockets underneath thin sheets, and apertures of light inbetween

surrounded by trees, reaching together over

~~pawtucket-meaning~~

the scoop

pawtucket, meaning "at the falls in the river" or "river falls"

much of it has lasted, but not all of it

guarding the gate, a metal grate, there are concrete parts, repairs

the water flows out of the drain, not into the drain

one end is muddy swamp, the other is a river.

to walk in drains, two strides on the left, and two on the right
like a sine wave

---The-hot-tub-pa---

The Dumpster Hot Tub Party

shifting the program of the dumpster, a part of the infrastructure of waste and sewage

, into a ritual experience, a community gathering and interaction with water, a

public demonstration of the physics of water flow

the water not being that hot presented it sort of as an endurance test, the more

people that decided to make the plunge at once the more- warmer the water got

reminding me of collective effort and ingenious ritual practices

a ritual that gives thanks to the land, through water flow and the body

abstracting the architecture of the 30ft dumpster

the flow of water, in terms of where it ends up also

water gives its life everywhere

The acoustics of the tunnel

as the drain tunnel elongates the path for water in one direction to flow

it does the same with sound, impulses elongate and echo and reverberate, transporting

them further than they would have been otherwise

the sound is also transformed by the end of its path, but the water is not/

a metal pipe hit at one end of the tunnel will be loud and full

but maybe by the other end, only certain resonant frequencies are heard

or the quality of the sound is washed, not so sharp, less attack

is this the way to transform infrastructure into a ritual

noise into ambience

The "moshassuck river"

Zoning laws for site

urban metabolism
field notes 2025-02-23

3:30PM

walking to the drain

clear skies, warm out

goal:

field recordings

impulse response

mapping off above ground drain

path

i took many field recordings

the first was two impulse

responses at the beginning

of the tunnel

i set up the recorder on

the grate that blocks the

entrance to the tunnel and

popped a balloon at the base

of the grate.

an impulse response lets you hear

the sound of the echo of the tunnel

its natural acoustics.

i also spoke sentences from the

harvard word corpus, a list of

sentences used for experiments with

audio. this shows the natural

acoustics of my voice at the base

of the tunnel.

the drain path away from the tunnel

is surrounded by a baseball field

on the left and the cemetery on the right

i took 14 field recordings

one at the base of water flowing

from icicles on the left side of

the brick path

another halfway down the baseball fi

field of more flowing water, this

time from a small river coming from

somewhere at the end of the baseball

field on the left side, and water fl

flowing from small drain pipe.

concrete (most likely newer than the

cobblestone path), connecting some

other smaller drain path to the

main one.

Another, walking along the path

and crunching the frozen ice under-

neath my feet.

The weather was slightly cloudy as the

sun went down.

the water level in the path was low,

but not completely dry, water flowed

along the whole path, dried off towards

the end, and then flattened out

and turned into mud and dirt,

converging with dirt and mud next to

the cemetery.

towards the end of the path before i

turned to bush, it became very quiet

the mud was filled with a lot of

still water before the mud pathway

the map shows this still as a river

so my hypothesis is that it will

converge back to other drains some

where along the path of the mud

we think the path led into the dirt

right around where the path is adjacent

to the parklet power station.

The only real threat to the river

seemed to be the potential

runoff from the graveyard, people

visiting and leaving things behind,

may run into the river.

we ran into some false flowers,

and little things like

is an outfall a tributary.

water flows out of the drain

and into the river. the mud turn

s into a river.

[illegible][illegible]

e of its disconnection from the use of electronics
 on this page like the water in the spillway, if
 right over, and fills empty space, the typewriter
 forecast. Water is not current, water has history
 use it as an object, that can be moved physically.
 through the spillway, the length of the magnetic
 packet.
 e the water leaves a receipt of its history behind, or
 slowly overturn.
 use of its connections to early and indigenous forms
 of local and raw material
 is that have been synthesized, the copy paper is produced
 is toxic, but the leaf is not
 the opposite, the collection paper was made to
 the opposite, the collection paper was made to
 the opposite, the collection paper was made to

The only real threat to the river seemed to be the potential runoff from the graveyard, people visiting and leaving things behind, we ran into some fake flowers, and little things like

Is an outfall a tributary, water flows out ~~off~~ of the drain and into the river, the mush turns into a river.

The only real threat to the river
 seemed to be the garbage
 runoff from the graveyard, people
 visiting and leaving things behind,
 we ran into the river,
 we ran into some false flowers,
 and little things like
 is an outfall a tributary,
 river flows out off- of the drain
 and into the river, the mush turn
 into a river.

field notes
2025-03-03

Act 1
Moshassuck (All Saints Drain) River

[illegible]

medium:
book - walnut, cherry, paper, acetate, receipt, receipt, tracing paper
video - VHS tape, CRT TV, VHS Camera (panasonic), F Type cable
audio - field recordings, Tascam portable recorder, Stereo bluetooth speakers (like)

The book is a collection of field notes, photos, drawings, experiments and diagrams. The first section of the book documents my experience during my first two visits to the spillway, and experiments with the acoustics of the tunnel at the base of the spillway. The second section of the book documents images taken along the path along with their respective descriptions. The third part of the book documents existing conditions of the site, pollution from local surrounding infrastructures and how they directionally pollute the river, the river path and direction of water flow, and a map of where I took field recordings along the path. The last section of both books is a collection of initial drawings and experiments.

Herality:

I chose to use the typewriter because of its disconnection from the use of electronics and its organic nature, words flow on this page like the water in the spillway, if the typewriter made the words right here, right here, that's not the more organic, it beakons me randomly, like the rain forecast.

I chose to record video as vhs because it as an object. Is not current, war has history. The tape on the vhs is the water running through the spillway, the length of the magnetic tape is the spillway.

I chose to write on receipts because the water leaves a receipt of its history behind, eroding the cobblestone with its mark, slowly overtaking.

I chose to use wood and leather, local materials, connections to early and indigenous forms of documentation and archiving with natural materials. The wood and leather are documents that have been synthesized, the copy paper is processed wood, the leather is processed animal skin, but the leather and wood encloses them in natural material, the spillway is the recipient, the cobblestone path was made, the receipt is the record of the spillway.

water makes its own

Right 15000 where the pole is adjacent to the sawtucket power station.

The only real threat to the river seemed to be the potential runoff from the graveyard, people visiting and leaving things behind, may run into the river.

is an outfall a tributary.
water flows out ~~off~~ of the drain
and into the river, the mush turn
s into a river.

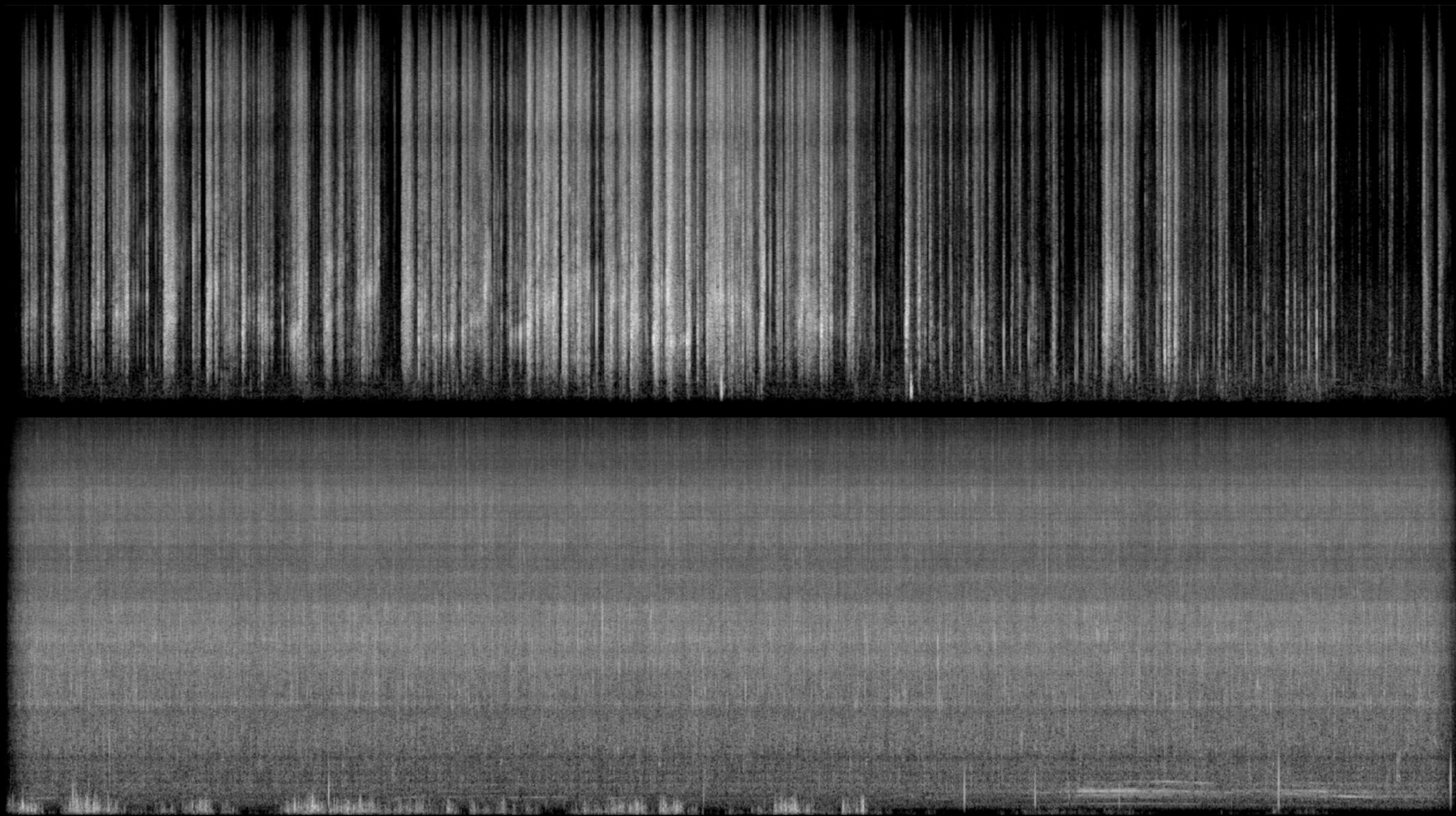




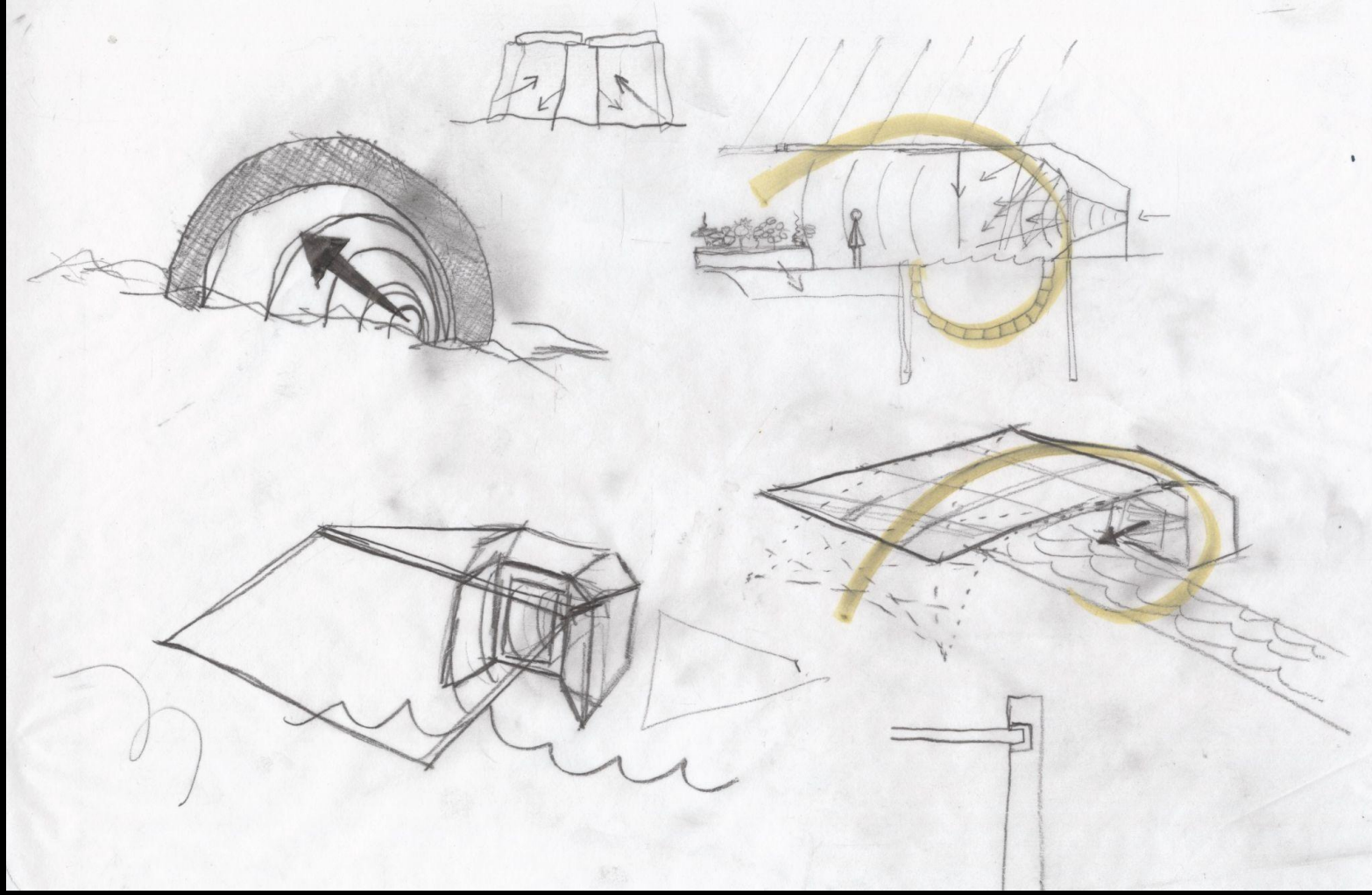


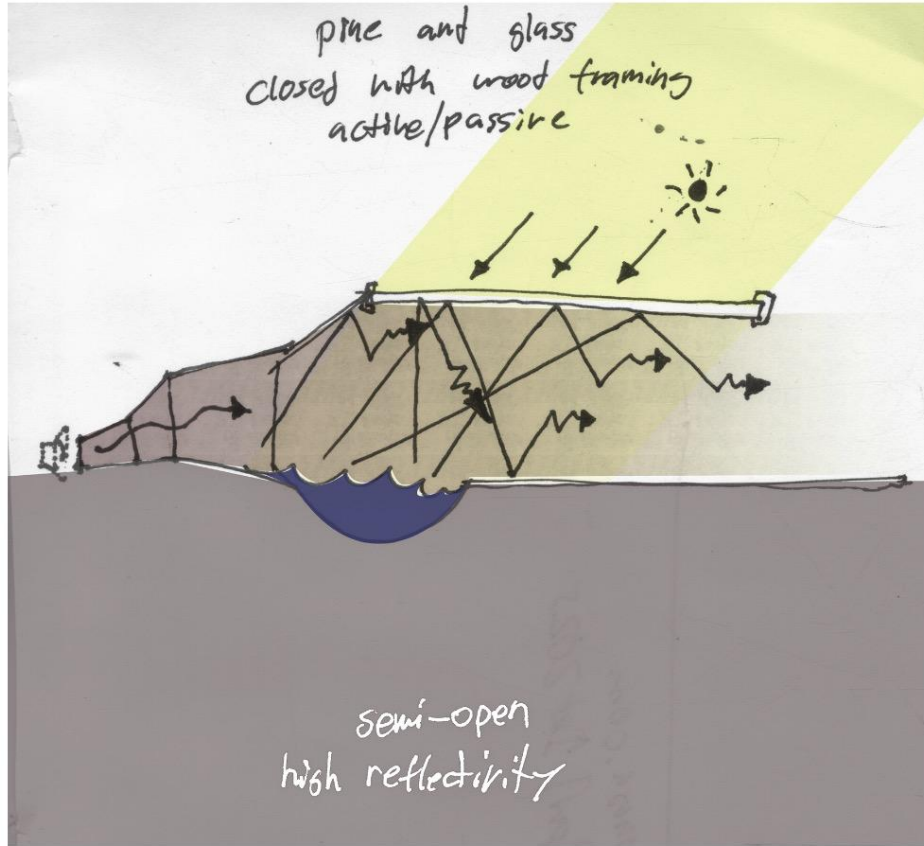






Amplification and the ritual of sound





Pine and Glass Closed with Wood Framing Active/Passive

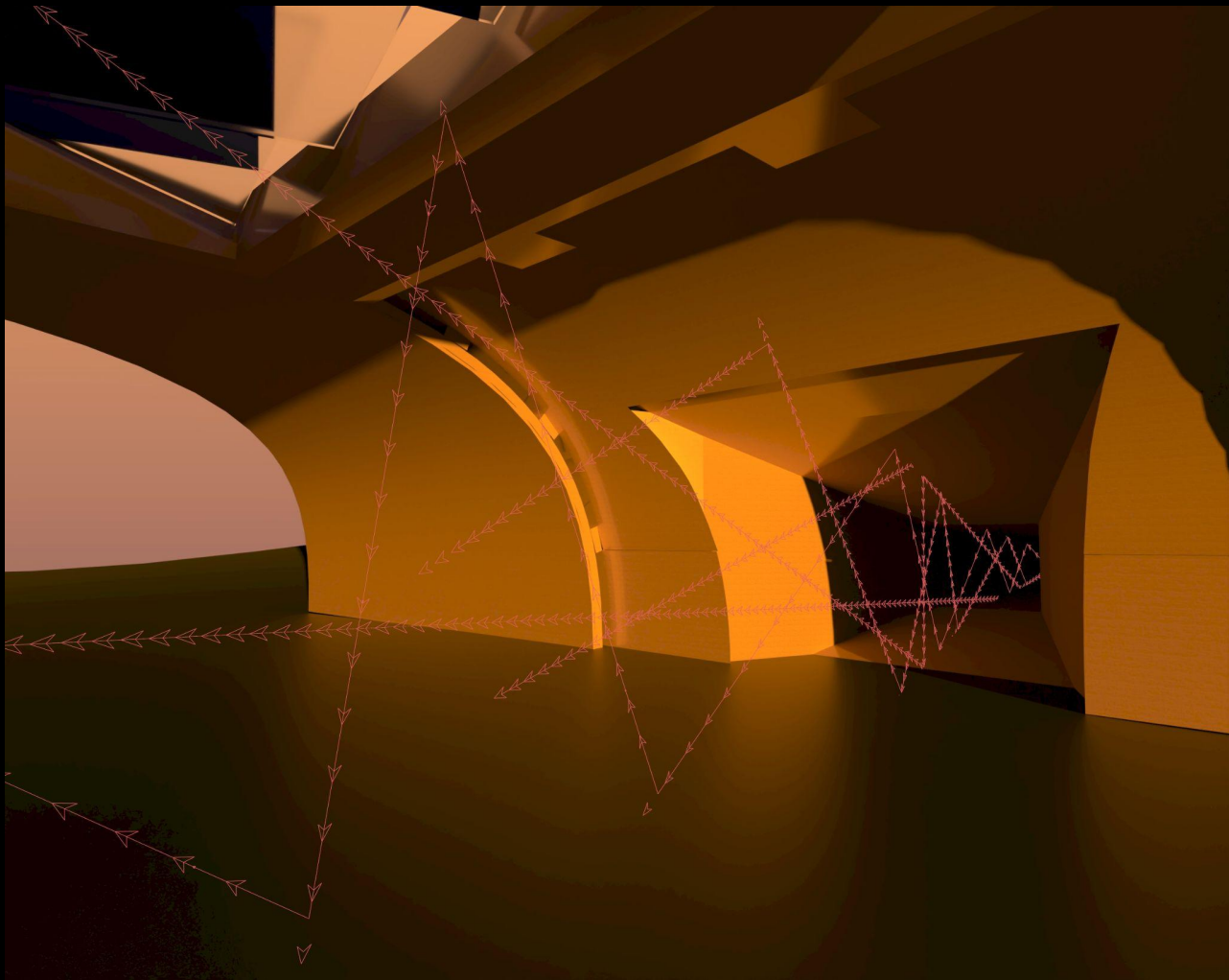
This design utilized glass as a reflective material for sound. Sound will bounce in the space, actively from the speaker cone, or passively from the horn design embedded in the pavilion.

The lightweight wood framing provides structure to hold the horn and glass pane(s).

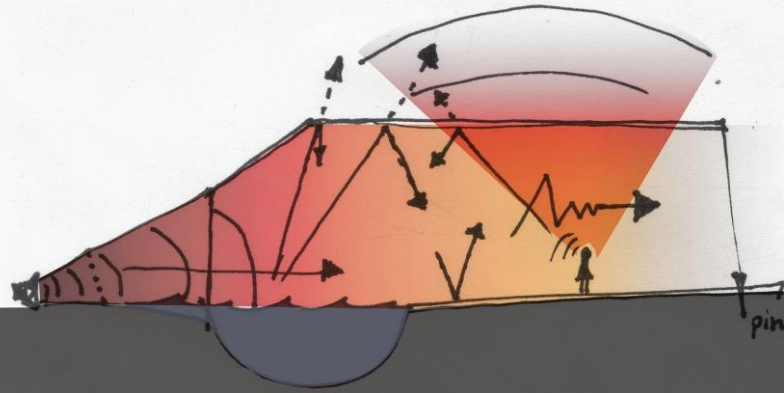
Glass NRC (Noise Reduction Level): 0.05

Pine NRC: 0.3

Wood and Sheet Metal are the most reflective materials, I want reflective material for the horn, to amplify sound, so the horn will most likely be a hardwood or steel.



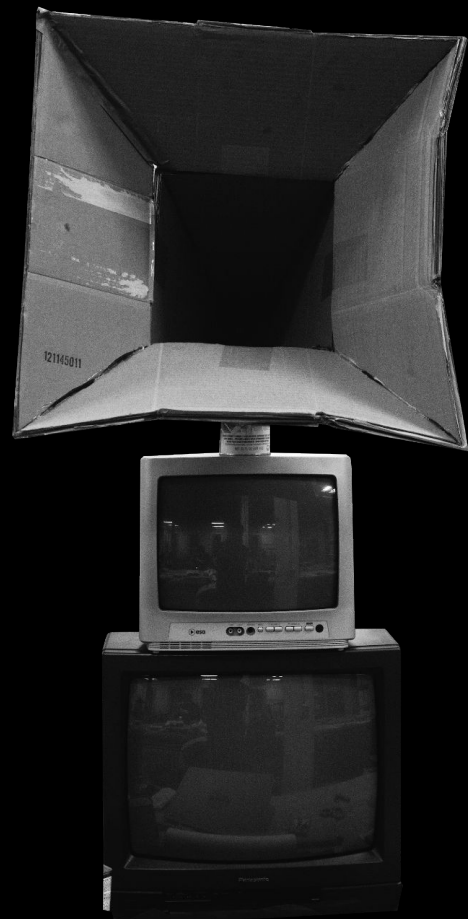
Solid pine
open air wooden framing
active



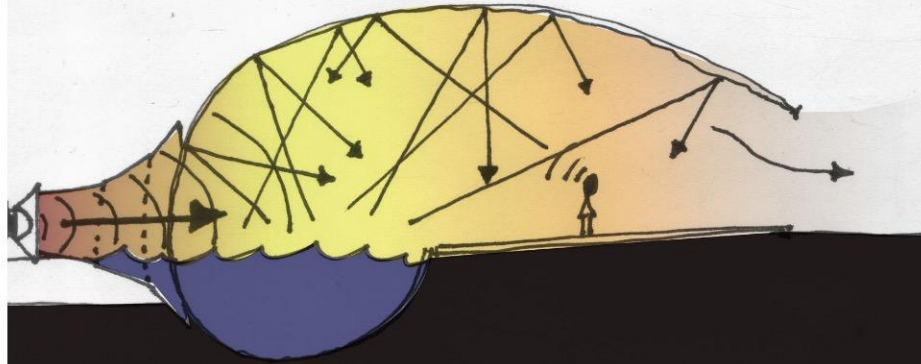
open
low reflectivity

Solid Pine Open-Air Wooden Framing Active Speaker

This design uses only the horn as the solid enclosed space, with the idea that the sound of the water is amplified into the framed space, but there is no reflective properties of the space. This can be an option for a program in the idea that the space is modular in that capacity. Maybe the wood framing holds a textile like reflate that is reflective, and can be places there during performances or ritual events. Whereas in other seasons or site conditions it is more helpful to be open.



7
Solid oakwood
full curve
active



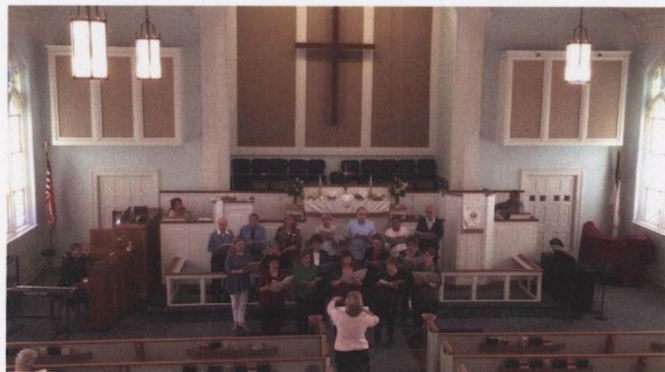
enclosed
medium reflectivity

Solid Oak Full Curve Active

This design utilizes the idea of a solid curved oak pavilion, that curves up from the end of the river onto the land, with a weighted hardwood underneath the horn. This design is for optimal deep listening. The sound of the water acoustically reflects off of the rounded oak walls to encapsulate the sound, this program is for ambient rituals such as yoga, meditation and listening. This design can be passive, with the horn amplifying the existing nature behind, of active using a speaker driver at the throat of the horn to amplify sound, but it is not necessary.








"Eat This Bread Drink This Wine" February 3, 2019



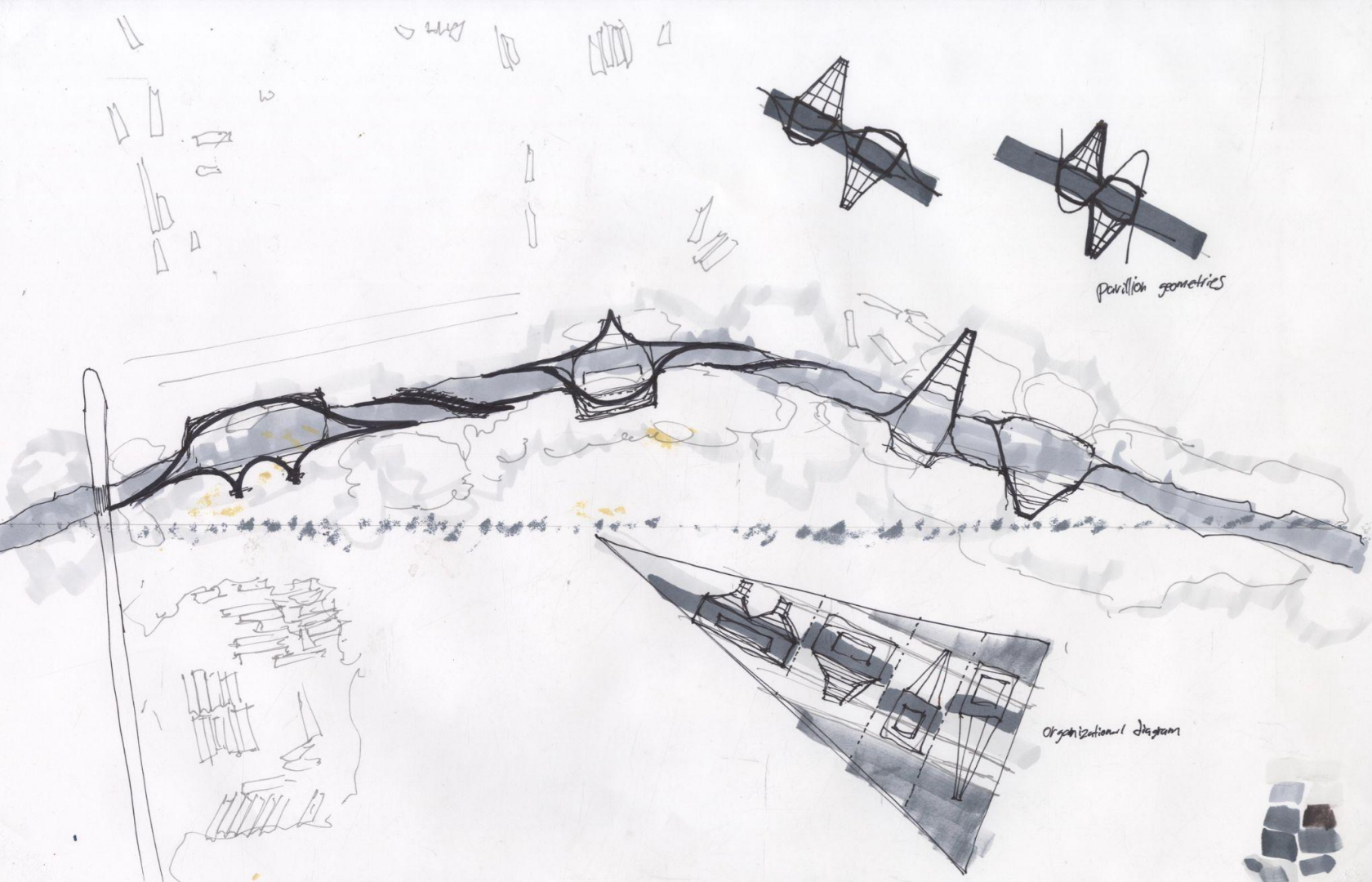
Furacão 2000, Brazil 2000

PAULINE OLIVEROS STUART DEMPSTER PANAIOTIS



 D E E P L I S T E N I N G



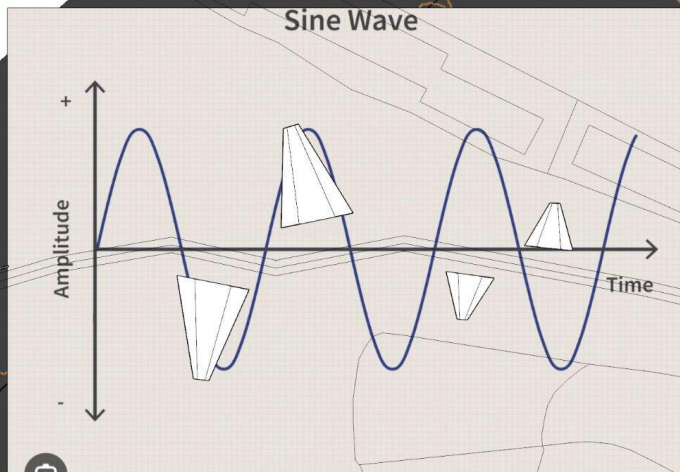


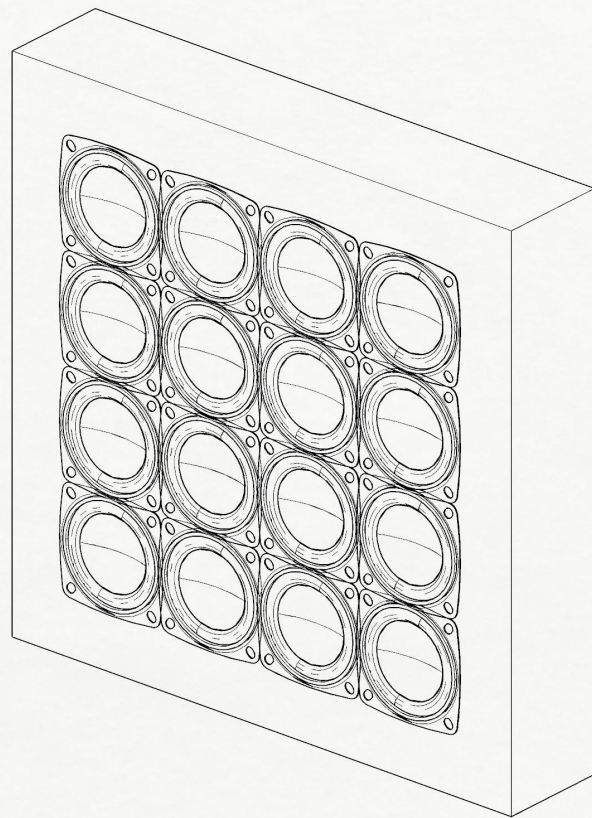
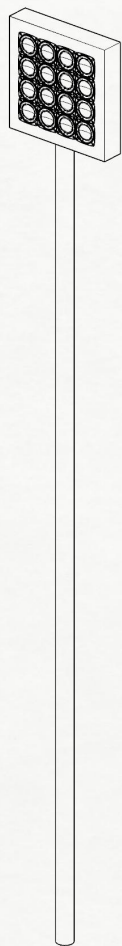
looker

quiet zone

lower









program

acoustics, life cycle, vegetation, conversation

