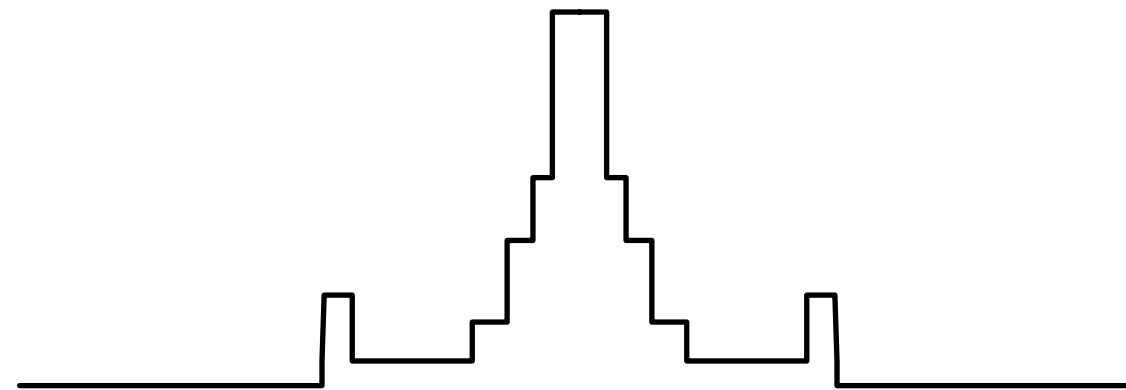


DIGITAL OFFERINGS

RITUALIZING DATA



Yanaka Cemetery, Yanasen

MIRRORS & BUBBLES: Matches/Mismatches between Urban Spaces & Digital Technologies

Harvard GSD / Meiji University

Group C: Tamaki Inahata, David Tang, Kiran Wattamwar, & Evan Shieh



東京都谷中霊園案内図

谷中霊園のあらまし

谷中霊園は、主として谷中天王寺の敷地等を東京府が引き継ぎ、明治7年9月1日谷中墓地として開設したものである。その後、明治22年東京市に移管、昭和10年には谷中霊園と改め現在に至っている。

園内は、東側が全体に傾斜しているほかは平坦である。また墓域は点在する古木や中央園路の桜並木とあいまって比較的静寂である。春には桜並木が美しく、多くの人出がある。

付近には寺院も多く寛永寺や天王寺の墓地と入り組んでおり、霊園全体の形は複雑になっている。幸田露伴の小説で有名な谷中天王寺の五重の塔跡地が霊園の中央にある。この跡地のほか3か所の墓所が都の文化財に指定されている。(裏面※印)

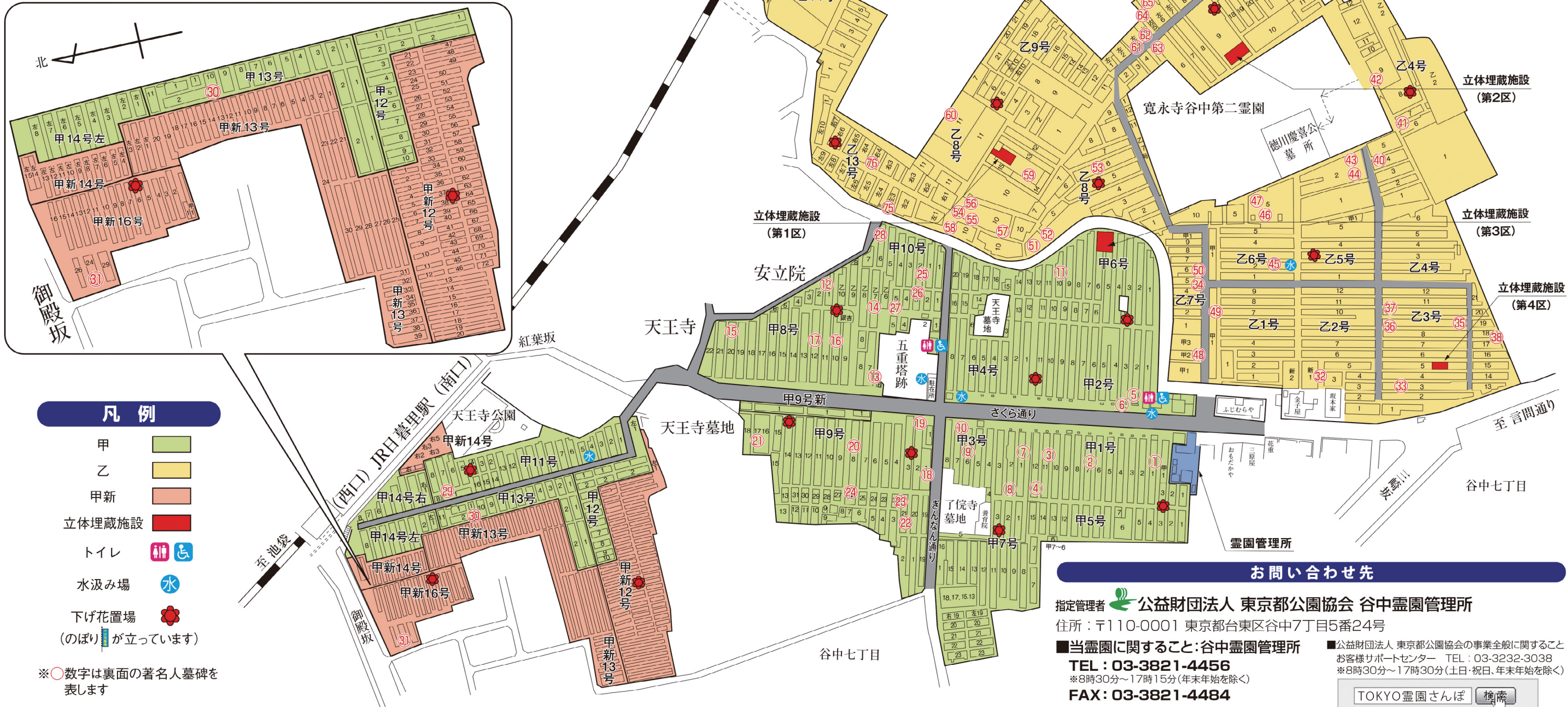
なお、昭和32年都市計画公園として計画決定されたため、昭和35年8月以降返還墓所等の再貸付は行っていないが、平成19年度から47年ぶりに再開され、現在、霊園再生事業が推進されている。

面	積	102,537㎡
開	園	日 明治7年(1874年)9月1日
施設の種類	使用者数	埋葬体数
一般埋蔵施設	6,343人	51,427体
立体埋蔵施設	862人	1,832体
(平成29年1月1日現在)		

おたずねのお墓は

甲			
乙			
甲新	号	側	番

です



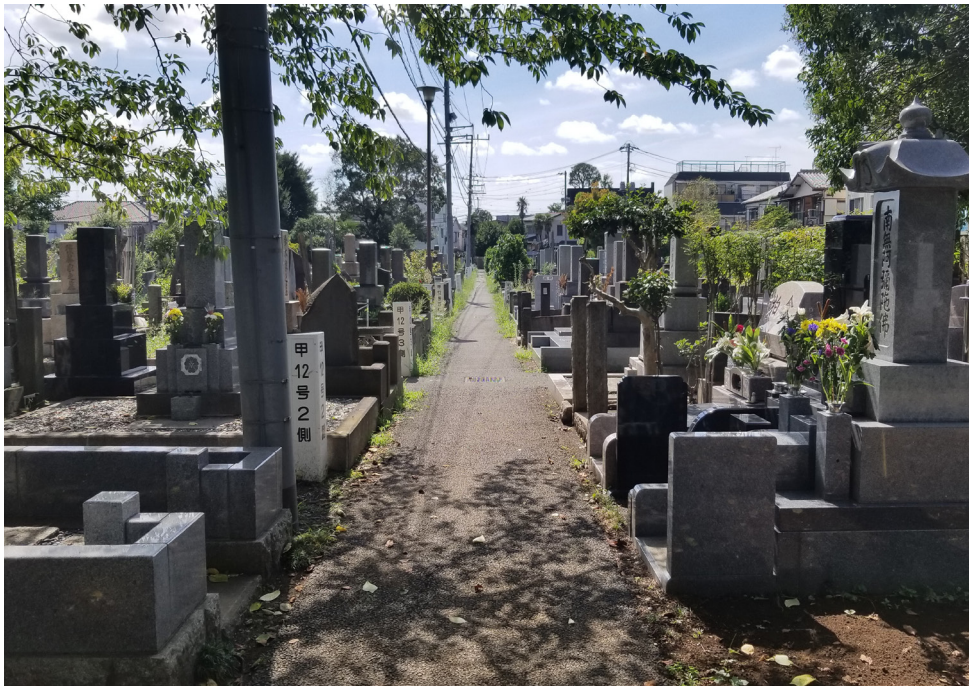
SITE OBSERVATIONS



Over-Growth




Over-Packing




Over-Flow

DECEASED DIGITAL vs. PHYSICAL IDENTITY



搜索






首页 创建








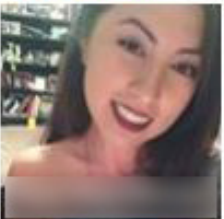

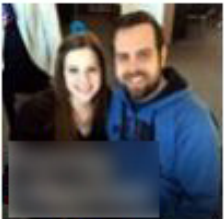
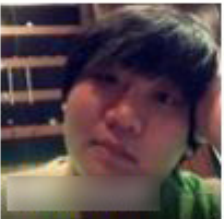
时间线 最近

加为好友

照片



好友 · 247 (4 位共同好友)



看看你和 的 好友有哪些共同点。

查看

HAPPY BIRTHDAY IN HEAVEN DEAR !!!

分享


3月25日 ·

It hailed a little today and I thought.....that is tap dancing in heaven. Happy Birthday we miss you so much.

1

分享

3月25日 ·



Wish you were here to celebrate your Birthday

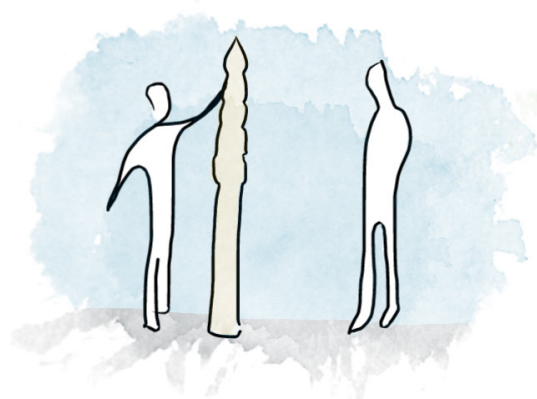
1

HOW DOES DIGITAL TECHNOLOGY BECOME a SPIRITUAL MEDIUM?

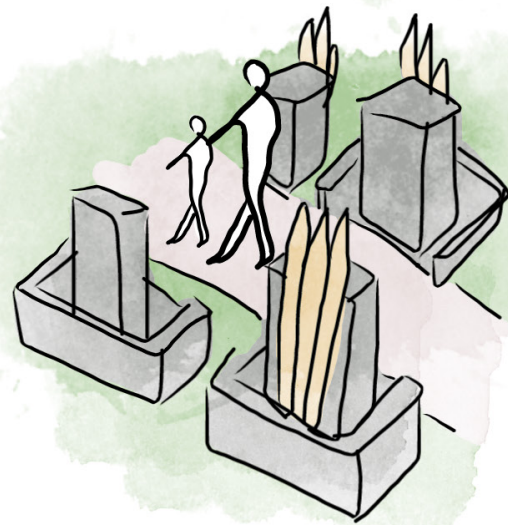


STAGES of FUNERARY RITUALS

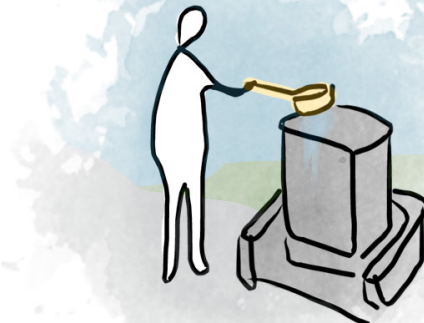
PRESENT



1.
Get a sotoba



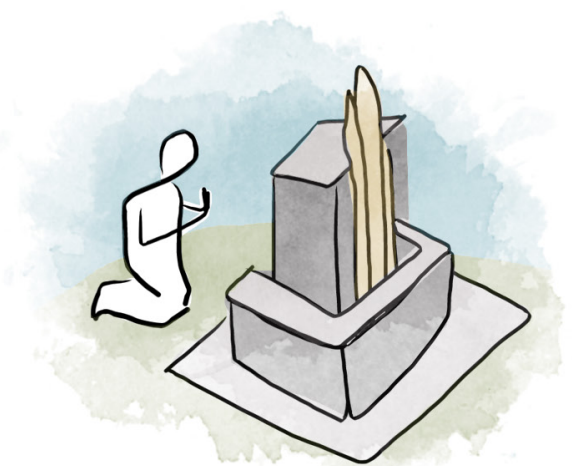
2.
Visit the site



3.
Clean, remove old
flowers and pour
water

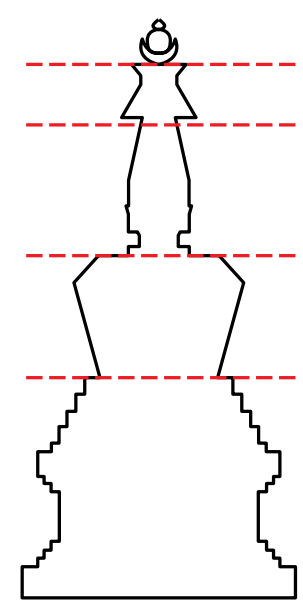


4.
Present offerings
(flowers, sotoba,
incense)

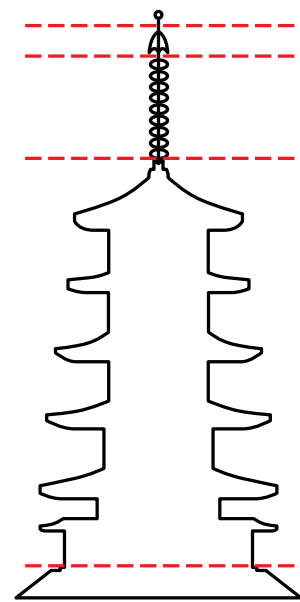


5.
Remember the
deceased, pray, bow

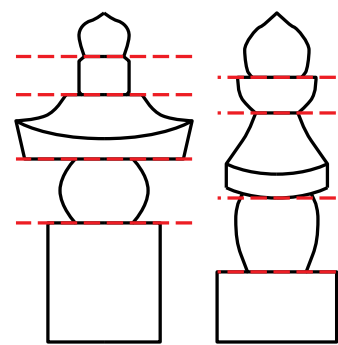
HISTORICAL EVOLUTION of SOTOBA



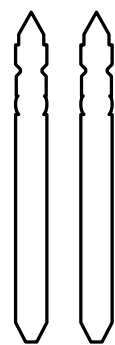
Stupa



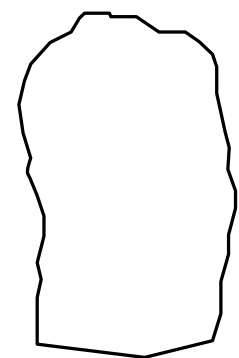
Goju-to



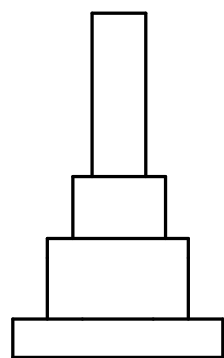
Gorin-to



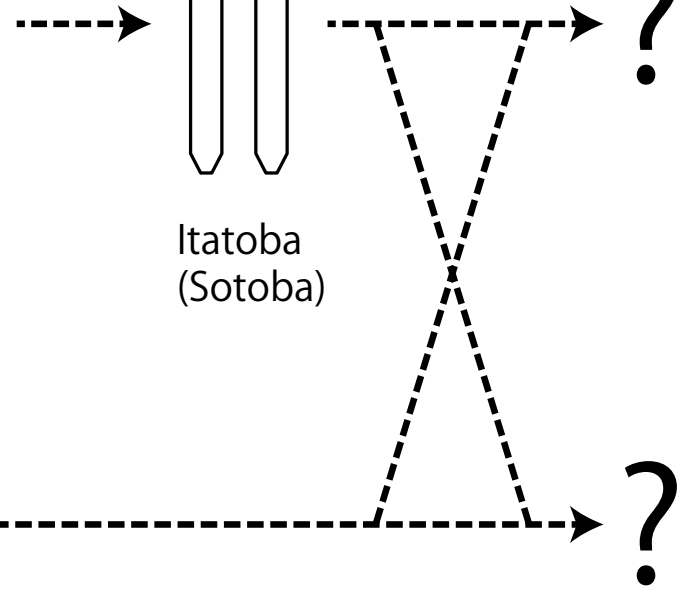
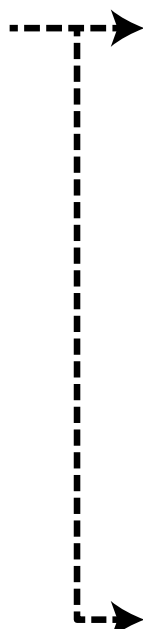
Itatoba
(Sotoba)



Stele



Tombstone

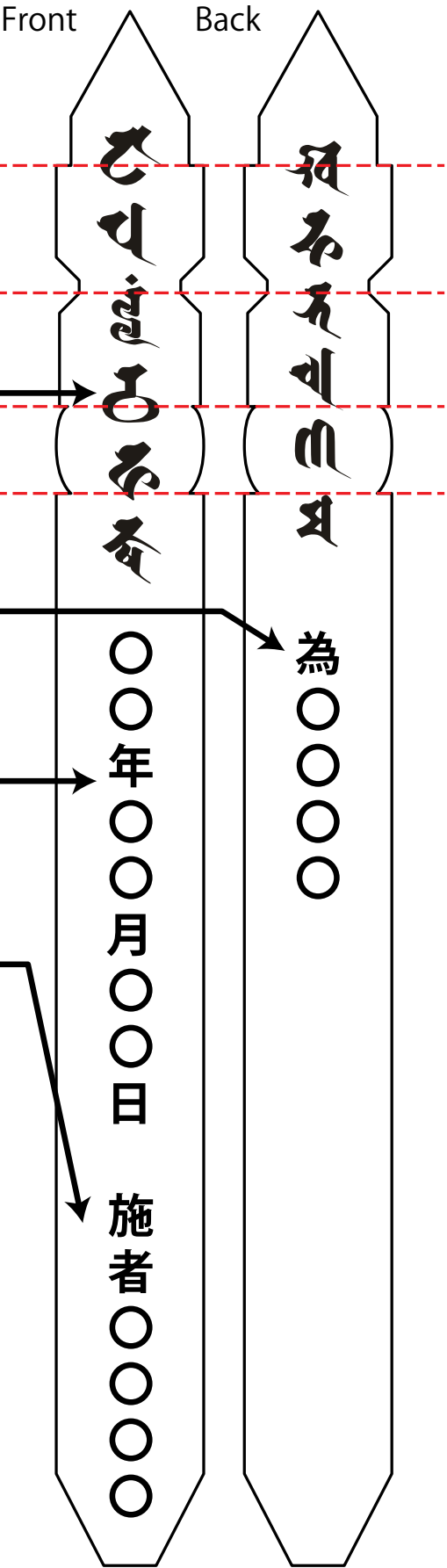


Siddham script
sermons

Buddhist
post-death
name

Date of offering

Those who
made the
offering



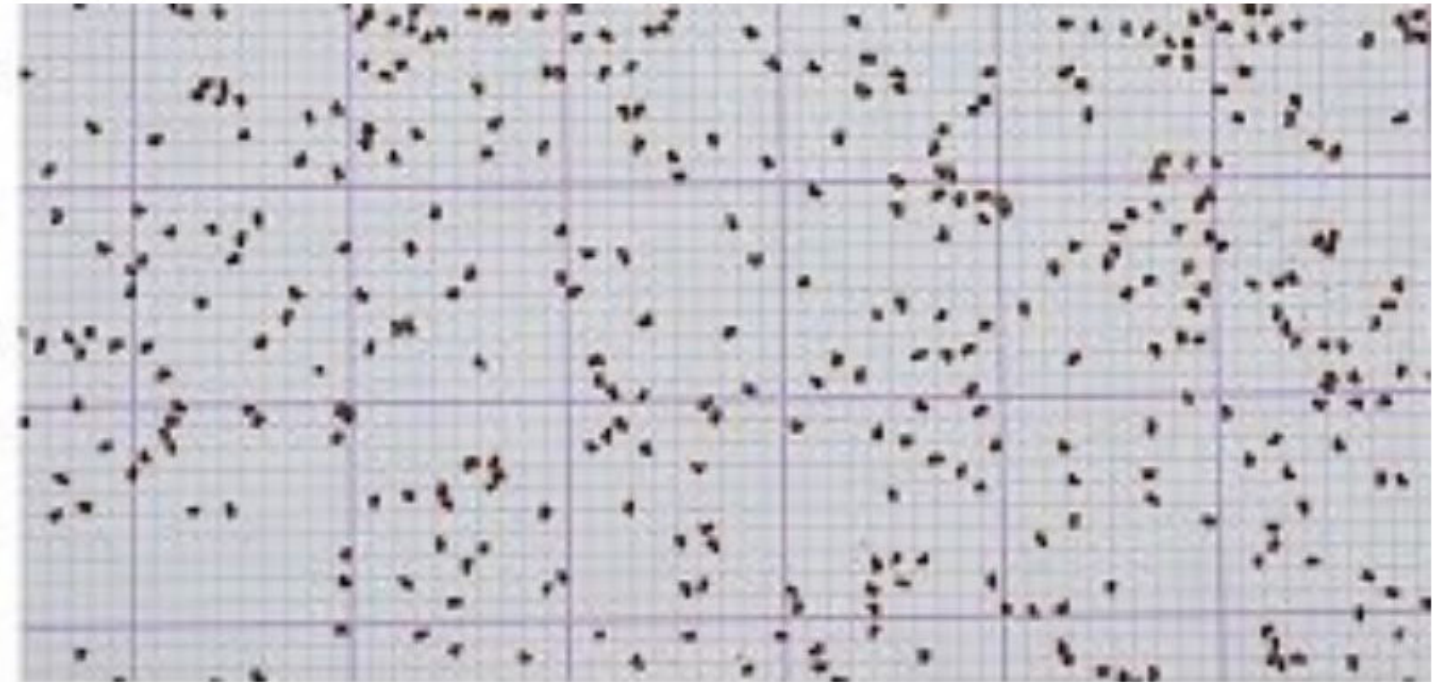
DESIGN PROVOCATION

Japanese funerary traditions have transformed between different forms, all still coexisting in the space, but there is a disconnect between the digital identity of a person and their physical state after a funeral.

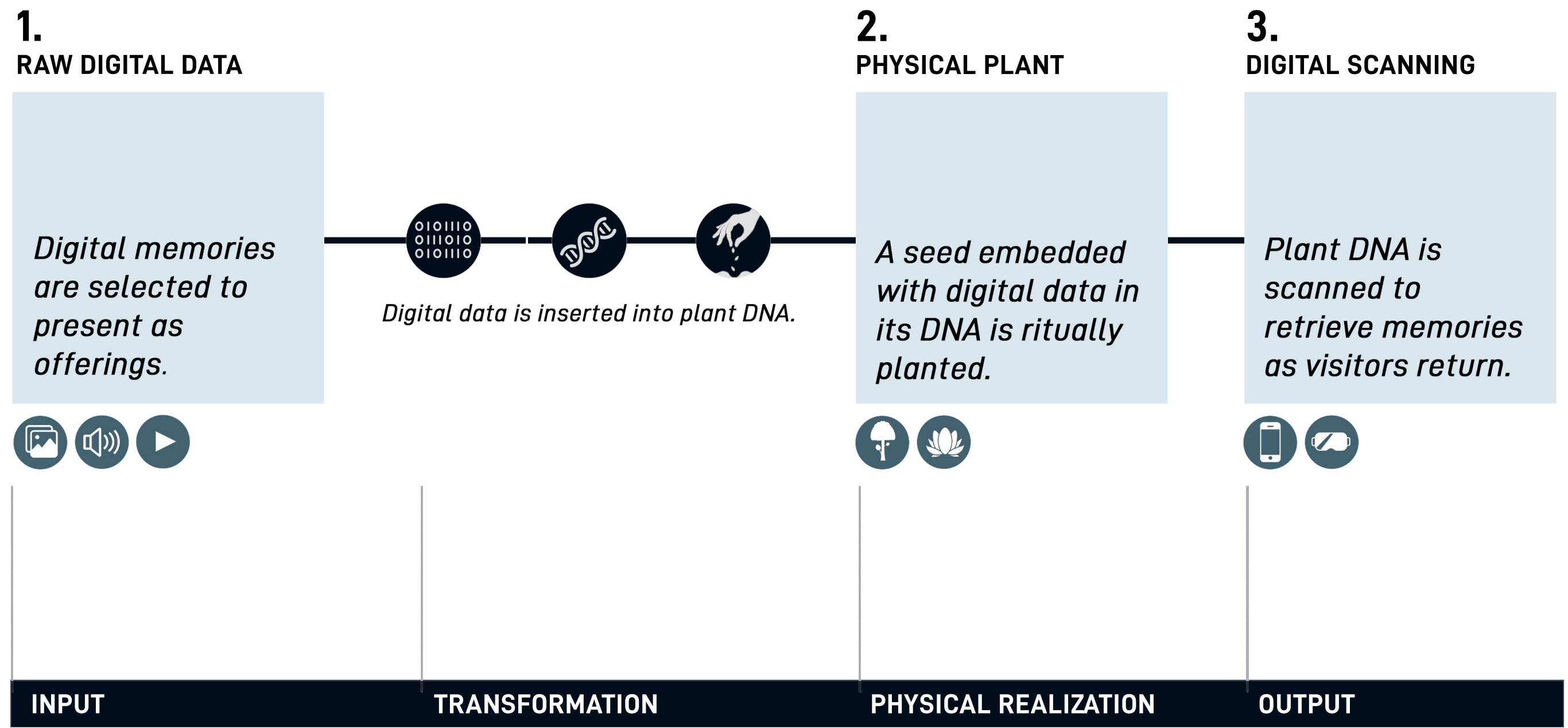
How can we remember and honor the deceased, and how can we patch the disconnect between the digital and physical realms?

TRANSFORMING the DIGITAL into the PHYSICAL

Storing Data in a Living Plant



RITUALIZING DATA



NEW STAGES of FUNERARY DIGITAL RITUAL

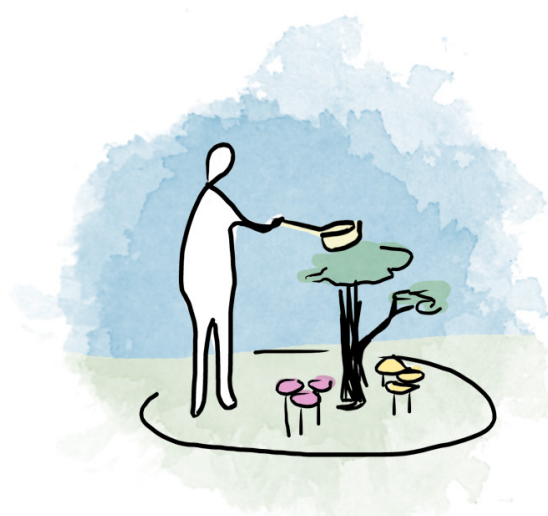
NEW



1.
Get a memory seed



2.
Visit the site



3.
Clean weeds,
tend to garden
and tree



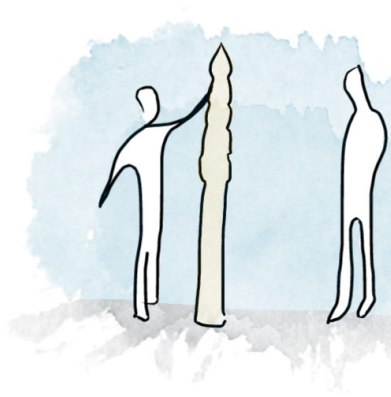
4.
Present offerings
(new seed, sotoba,
incense)



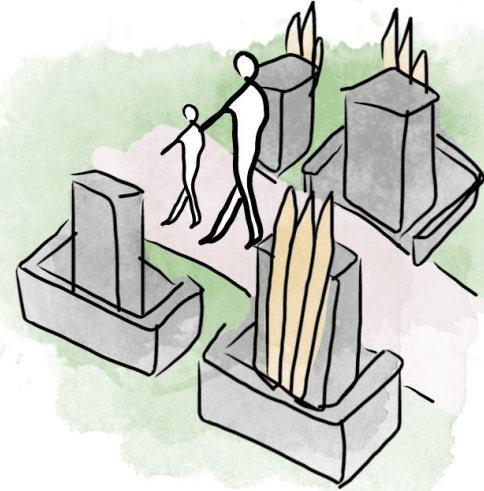
5.
Scan old memories,
pray, bow

EVOLUTION of the RITUAL

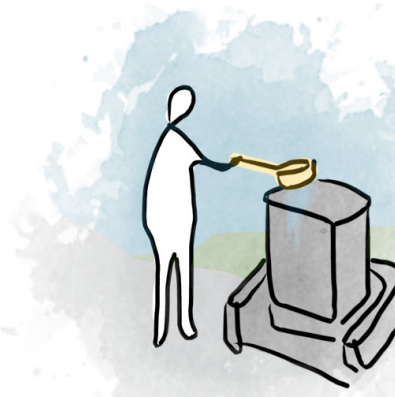
PRESENT



1. Get a sotoba



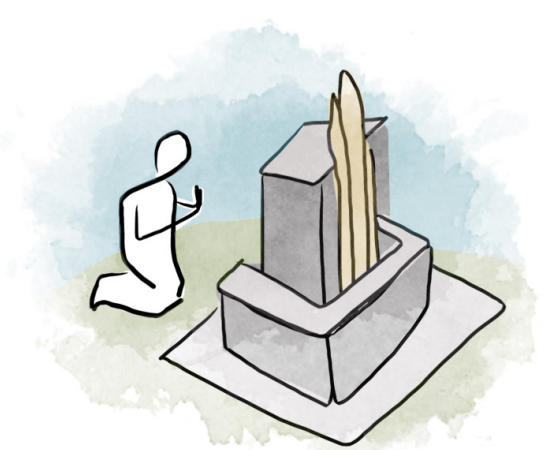
2. Visit the site



3. Clean, remove old flowers and pour water



4. Present offerings (flowers, sotoba, incense)



5. Remember the deceased, pray, bow

NEW



1. Get a memory seed



2. Visit the site



3. Clean weeds, tend to garden and tree



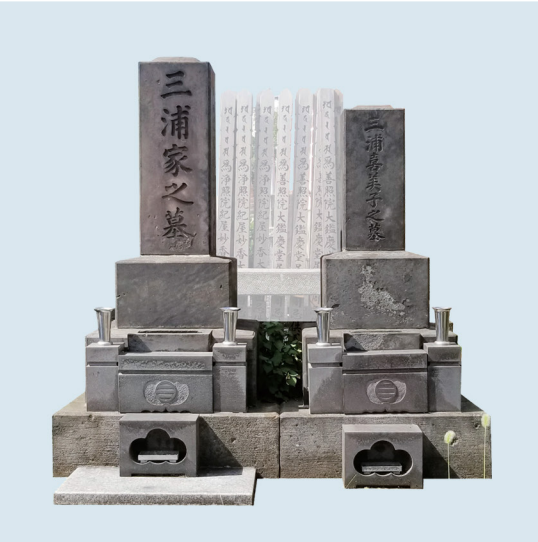
4. Present offerings (new seed, sotoba, incense)



5. Scan old memories, pray, bow

NEW TYPOLOGIES of GRAVES

EXISTING
GRAVE

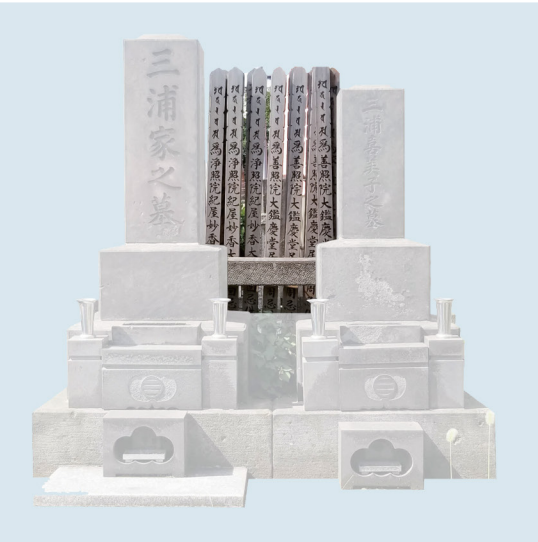


NEW
TREE BURIAL

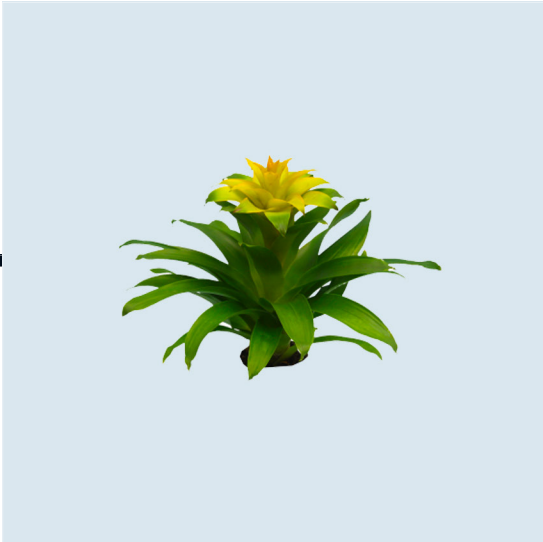


biometric data transforms into a tree seed

EXISTING
SOTOBA



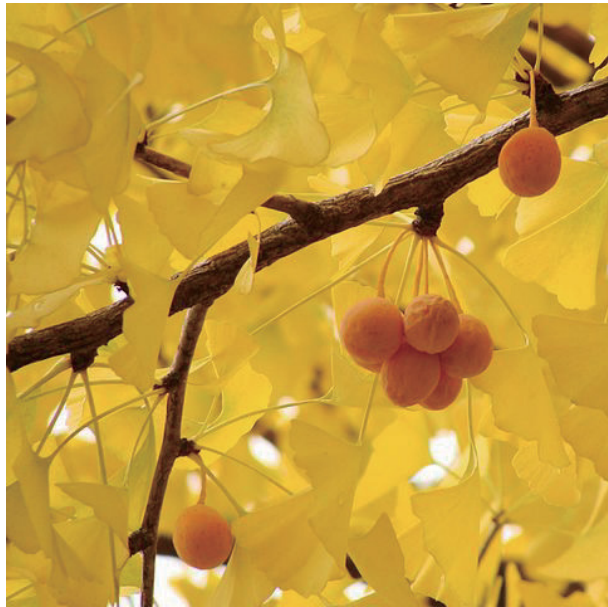
NEW
DIGITAL OFFERING



digital data transforms into a plant seed

SITE SPECIFIC NATURE

Trees Rooted withing 2km of Yanaka Cemetery



Ginkgo biloba



Camphor tree



Zelkova



Scarlet



Castanopsis sieboldii



Platanus



Bodyje



Sakura

SITE SPECIFIC NATURE

Flowers Compatible with Japanese Grave



Pansy



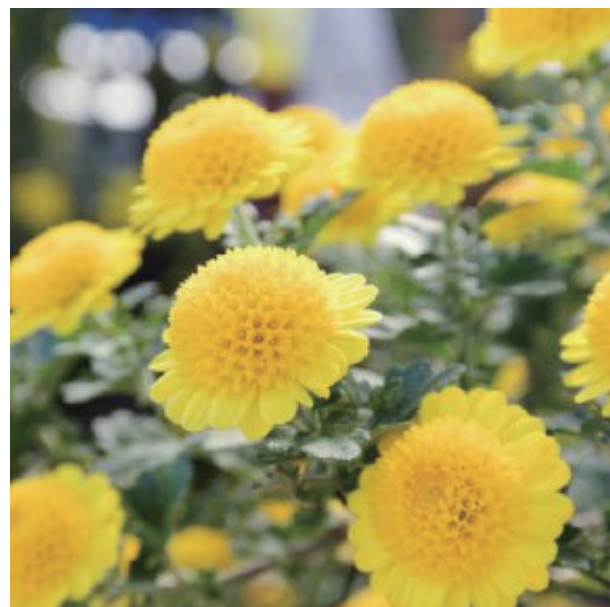
Lycoris radiata



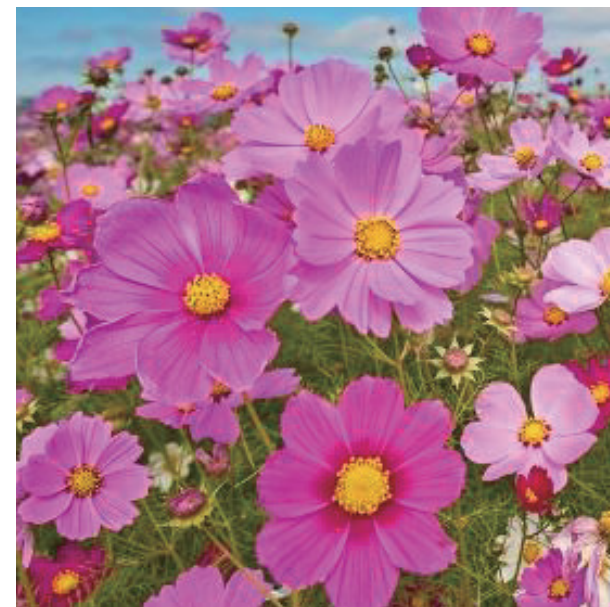
Lilium



Celosia argentea



Chrysanthemum



Cosmos

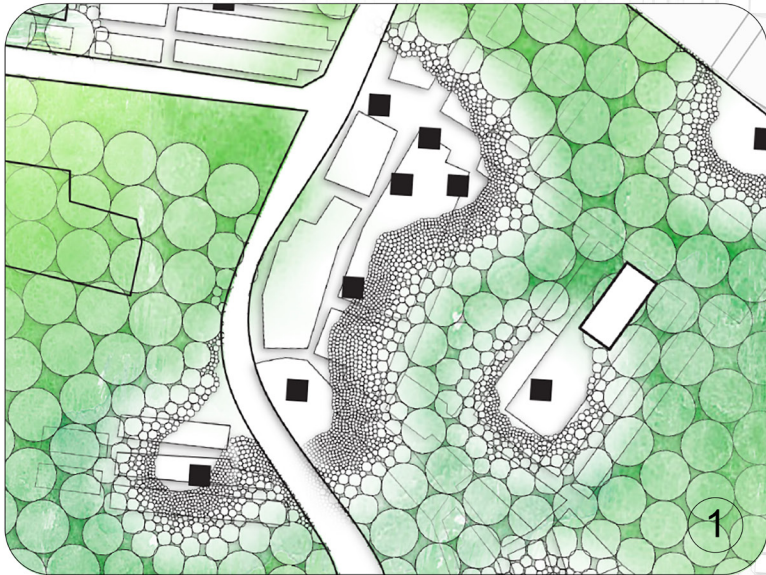


Winter Cherry

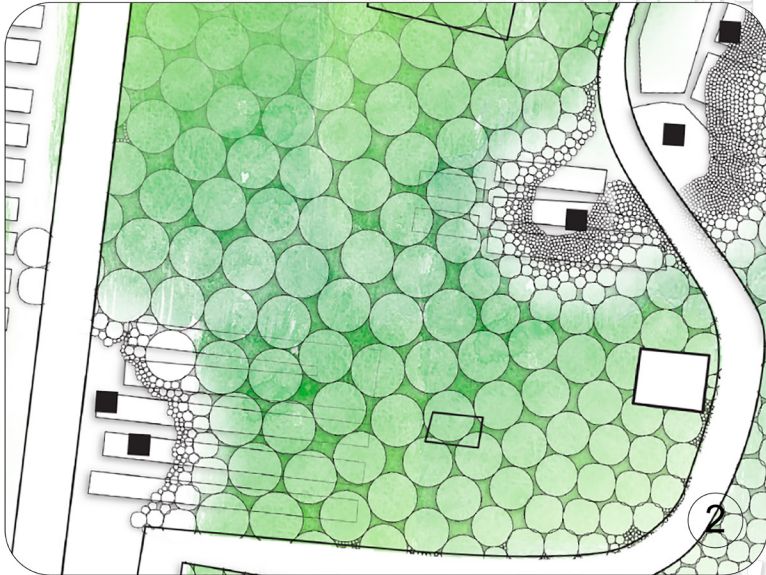


Japanese bellflower

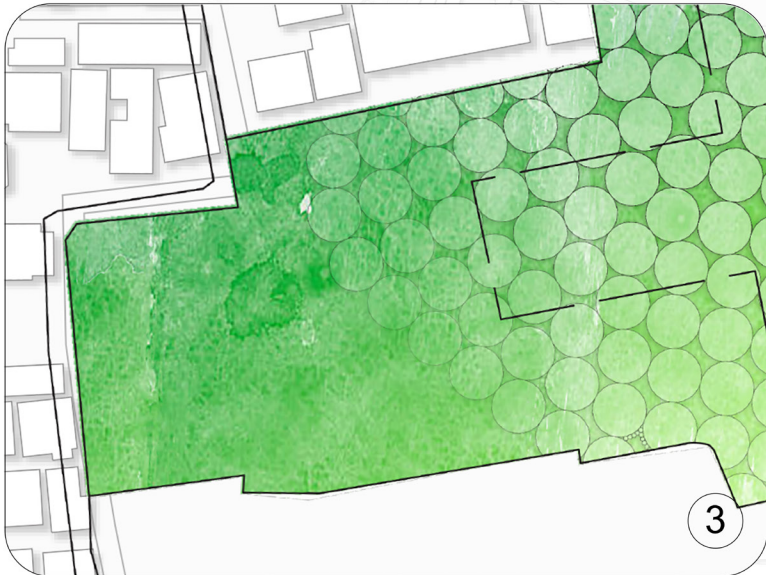
SITE PLAN



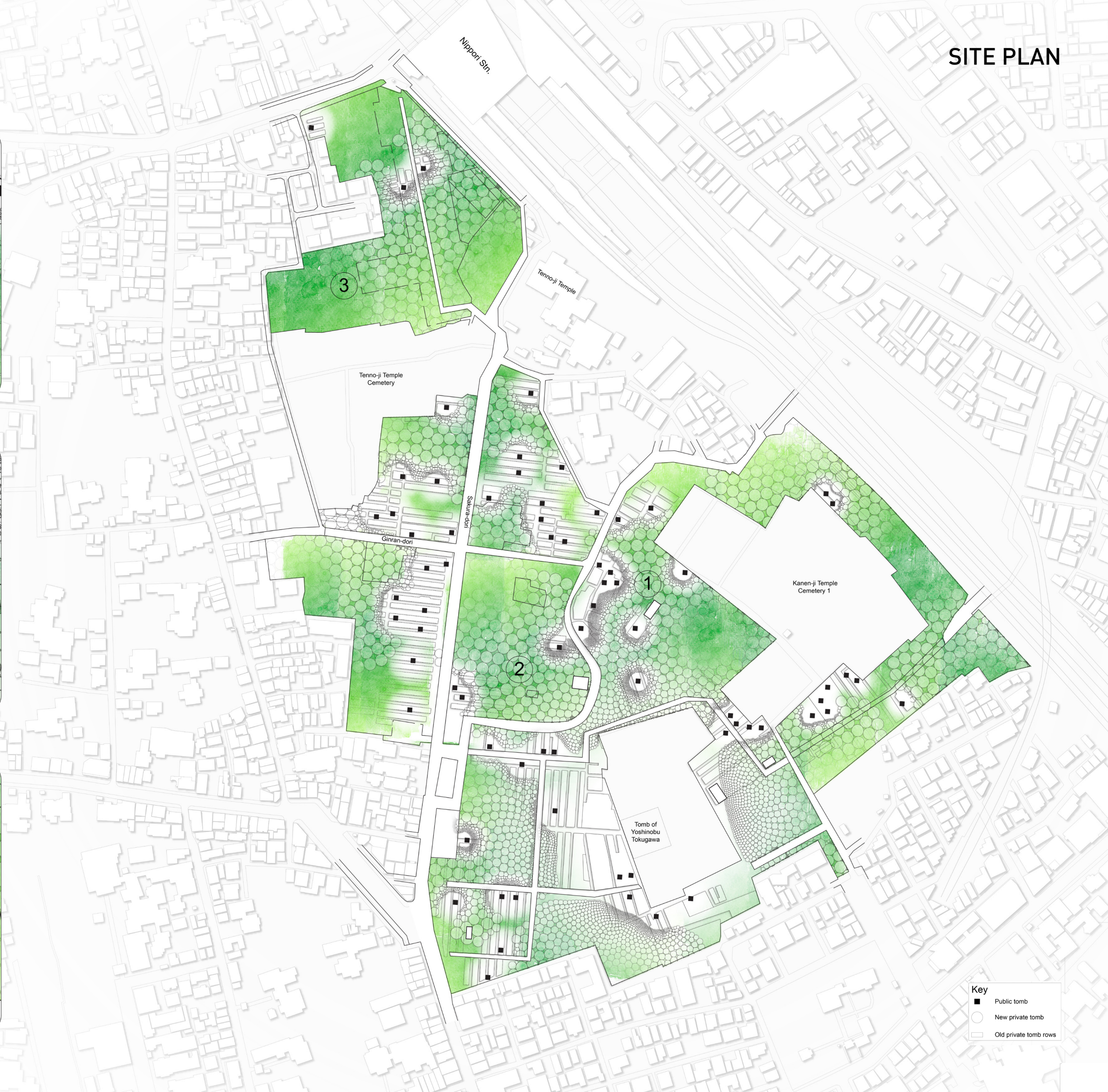
Phase One



Phase Two



Phase Three



- Key
- Public tomb
 - New private tomb
 - Old private tomb rows

RELATIONSHIP with NATURE



(1) No Landscape



(2) Manicured Landscape

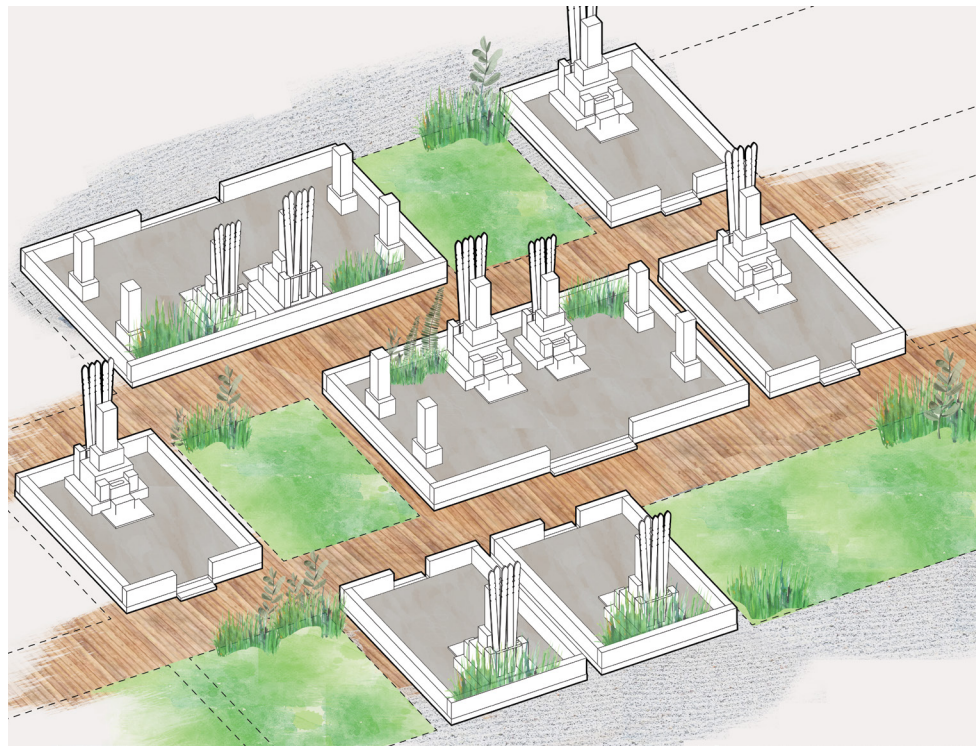


(3) Overgrown
Landscape

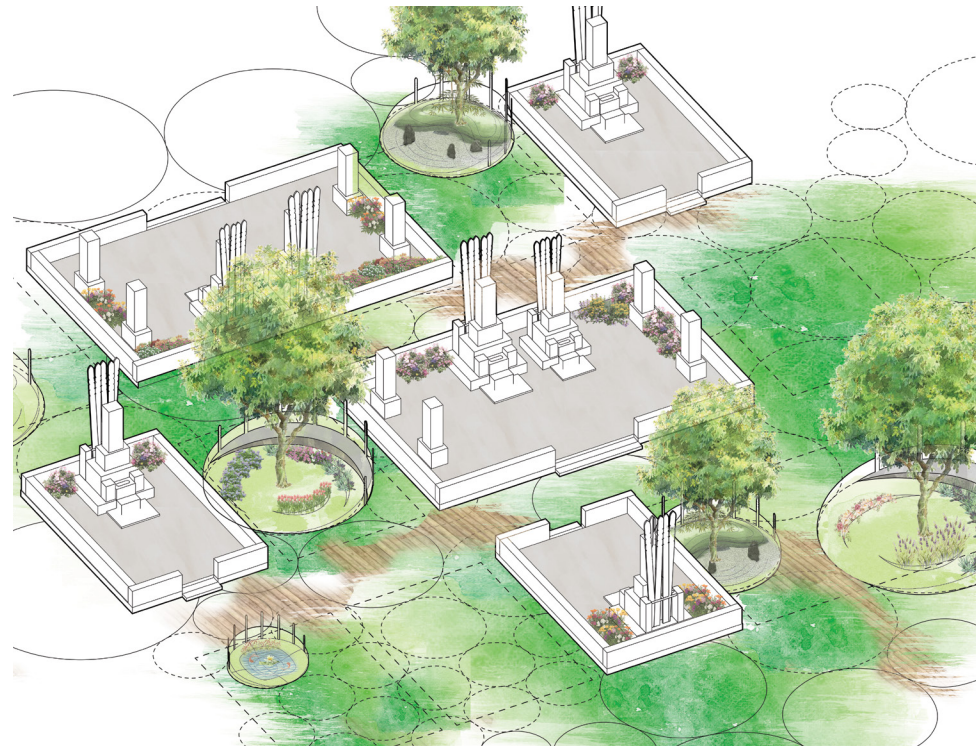


(4) Natural Landscape

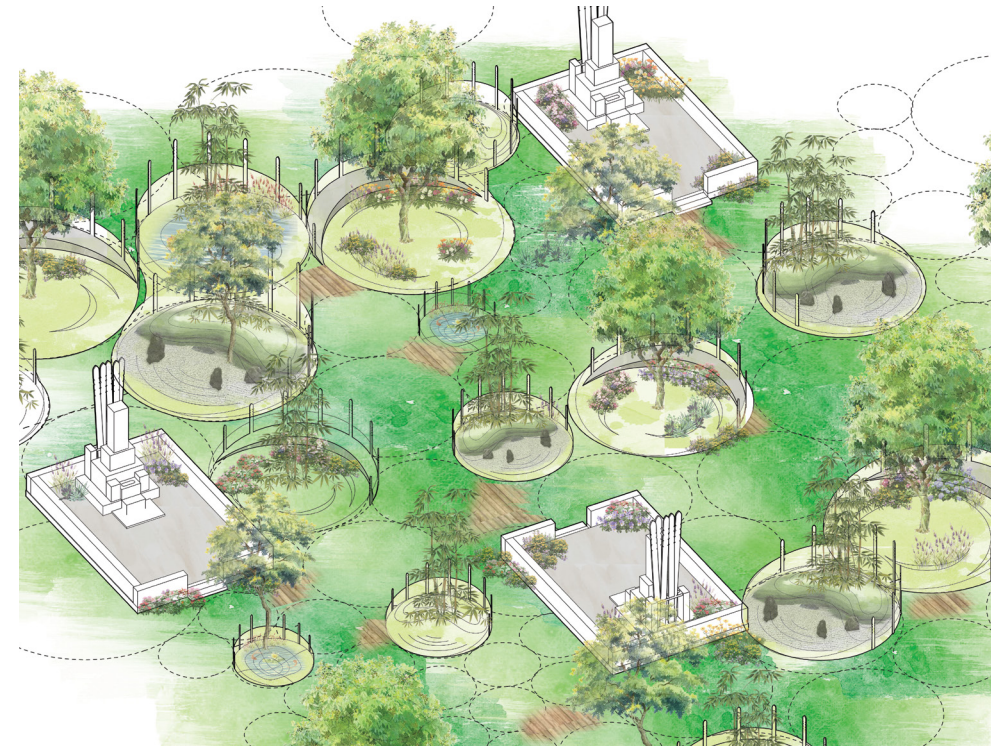
EVOLUTION over TIME



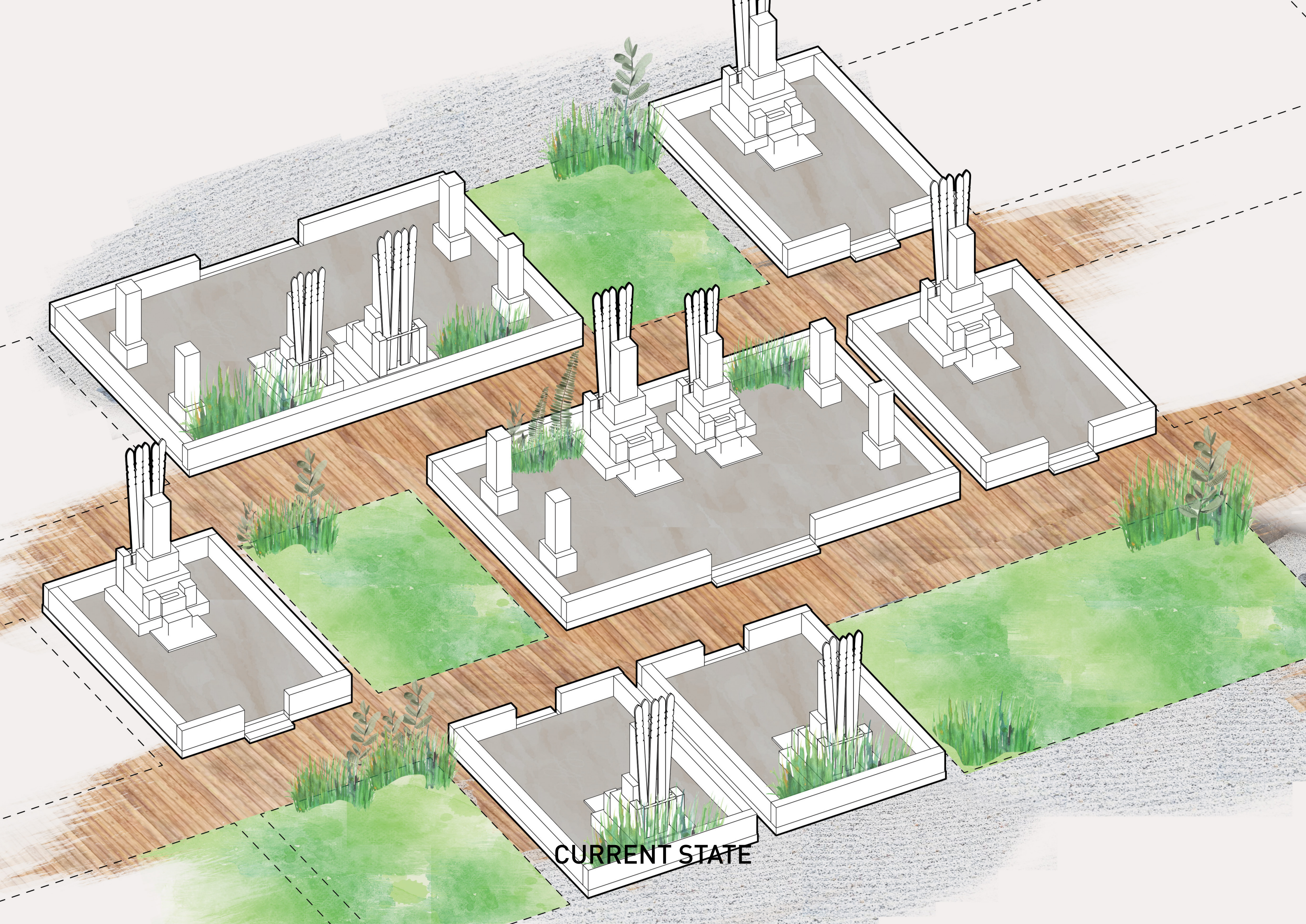
Current State



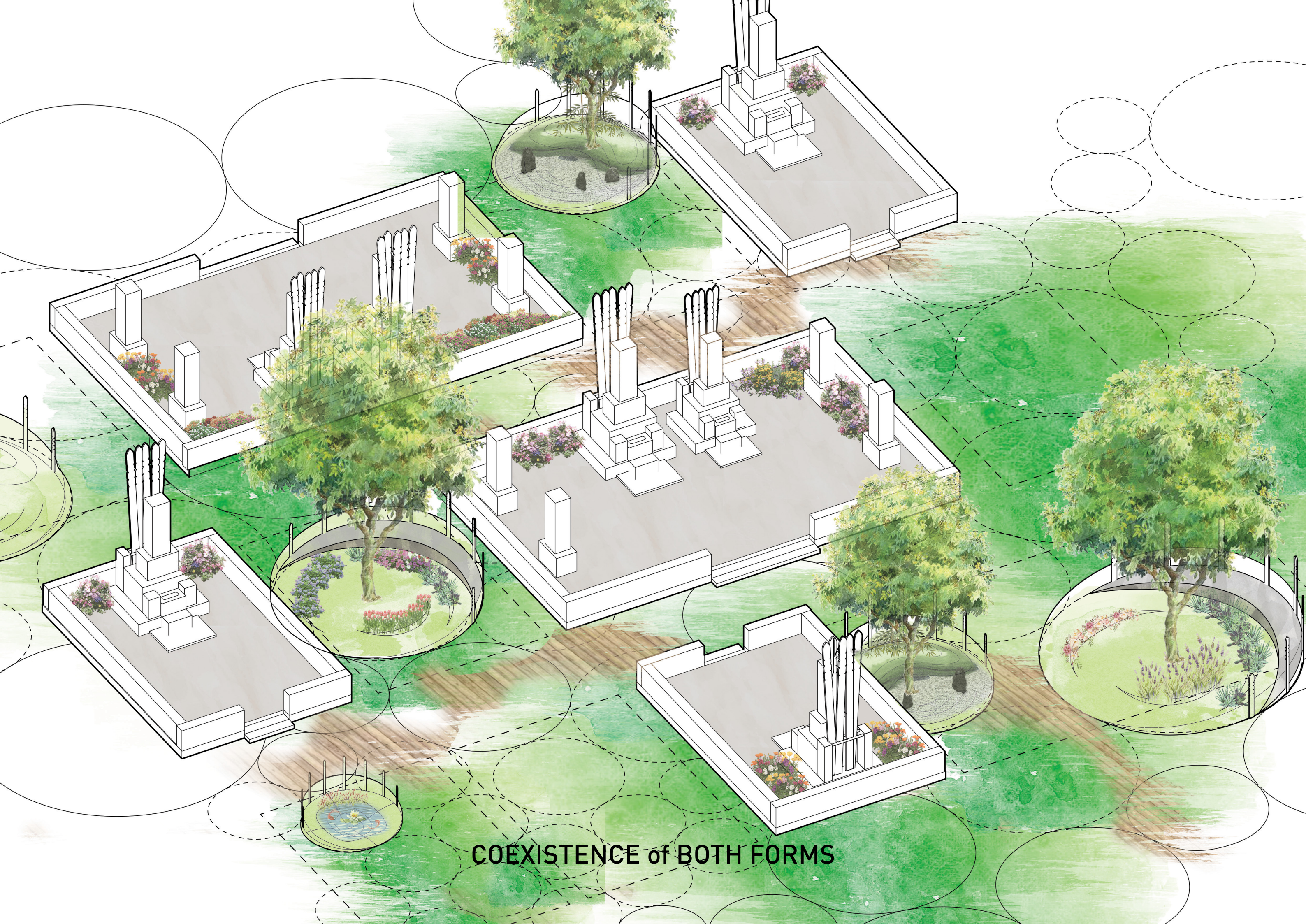
Coexistence of
Both Forms



Return to Nature



CURRENT STATE



COEXISTENCE of BOTH FORMS



RETURN to NATURE

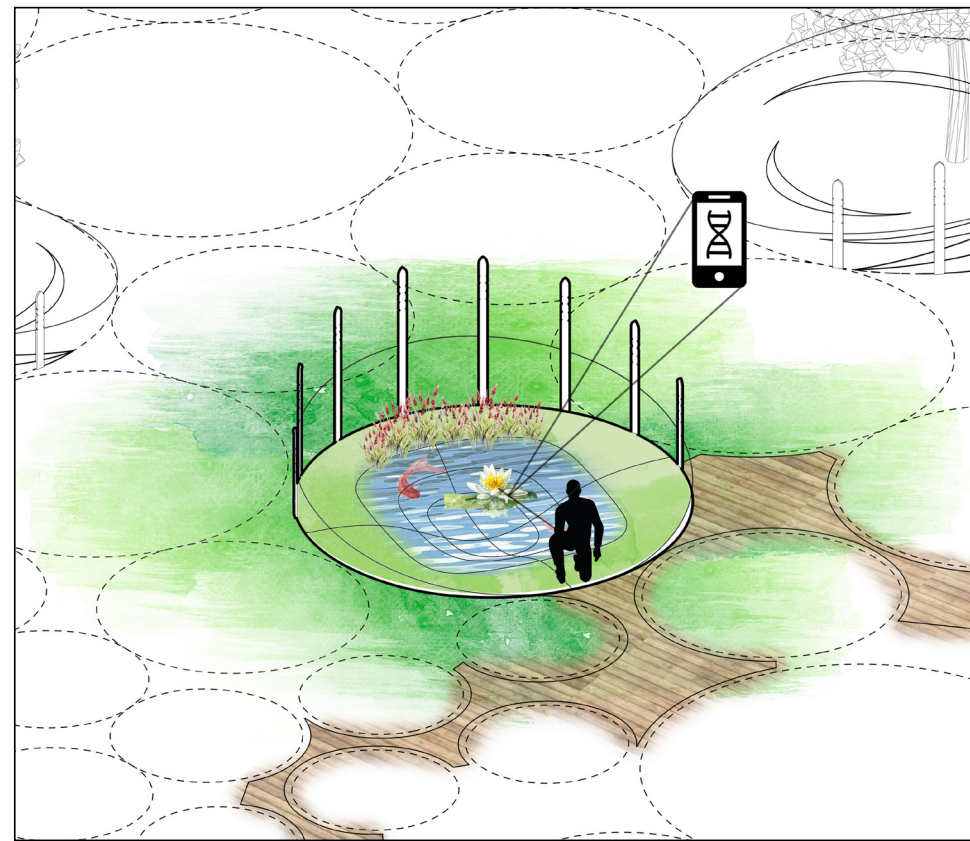
EVOLUTION over TIME



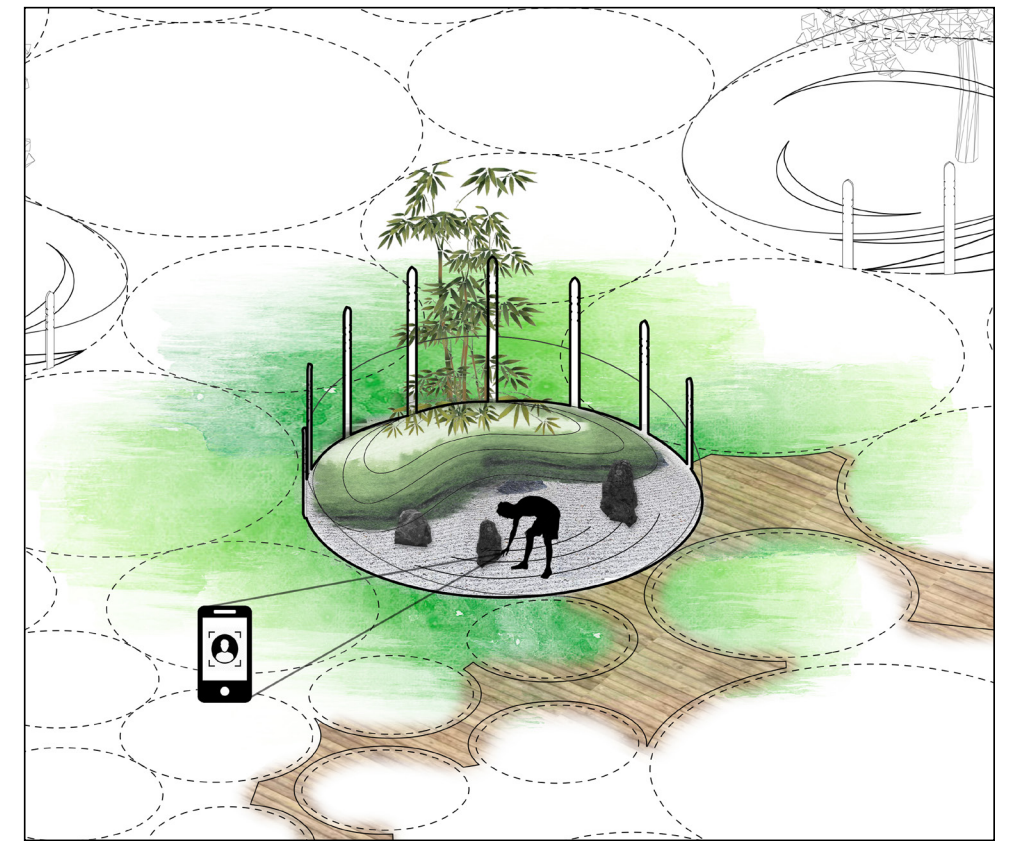
TAXONOMY of GRAVE TYPES



SoftScape

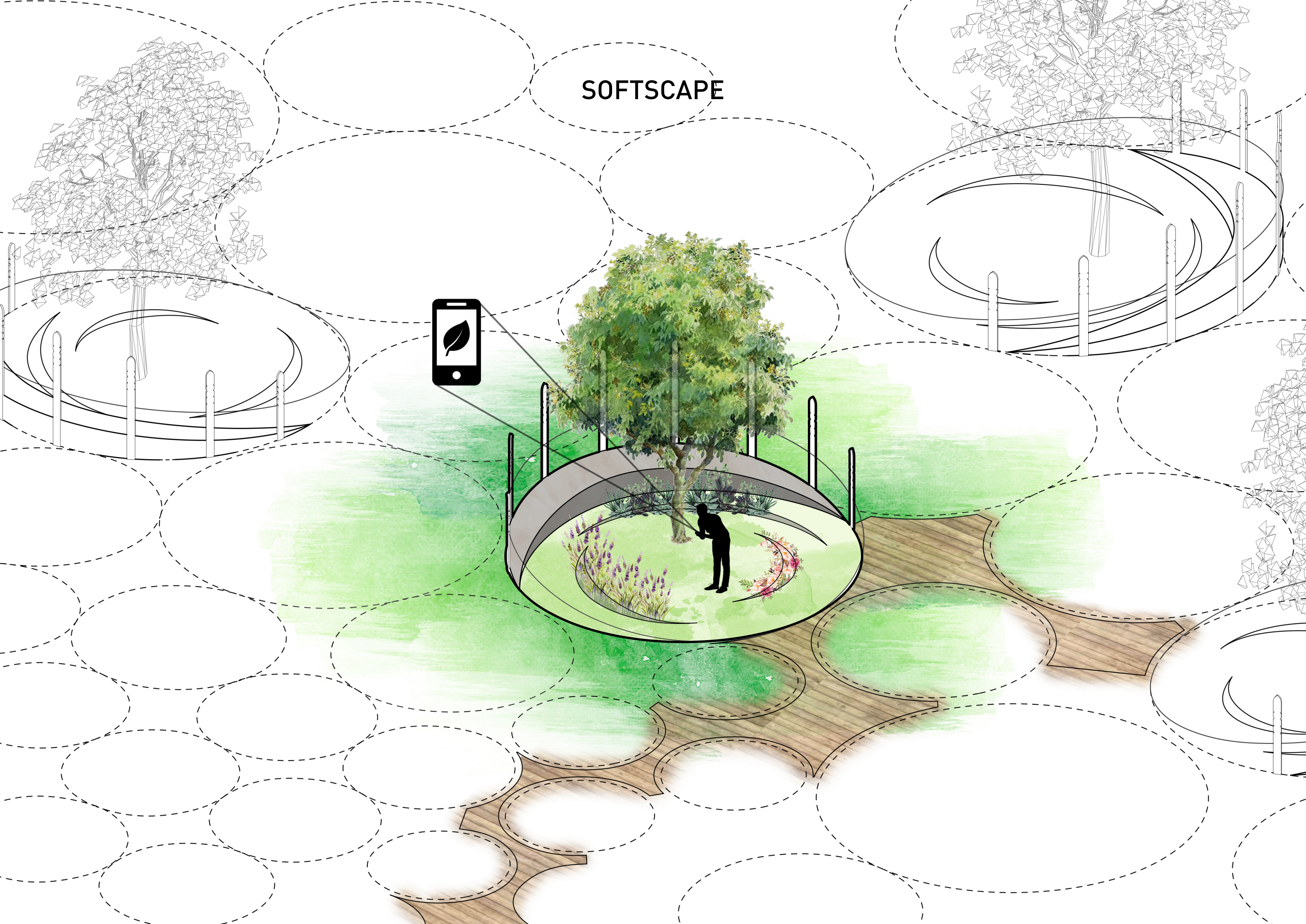


WaterScape

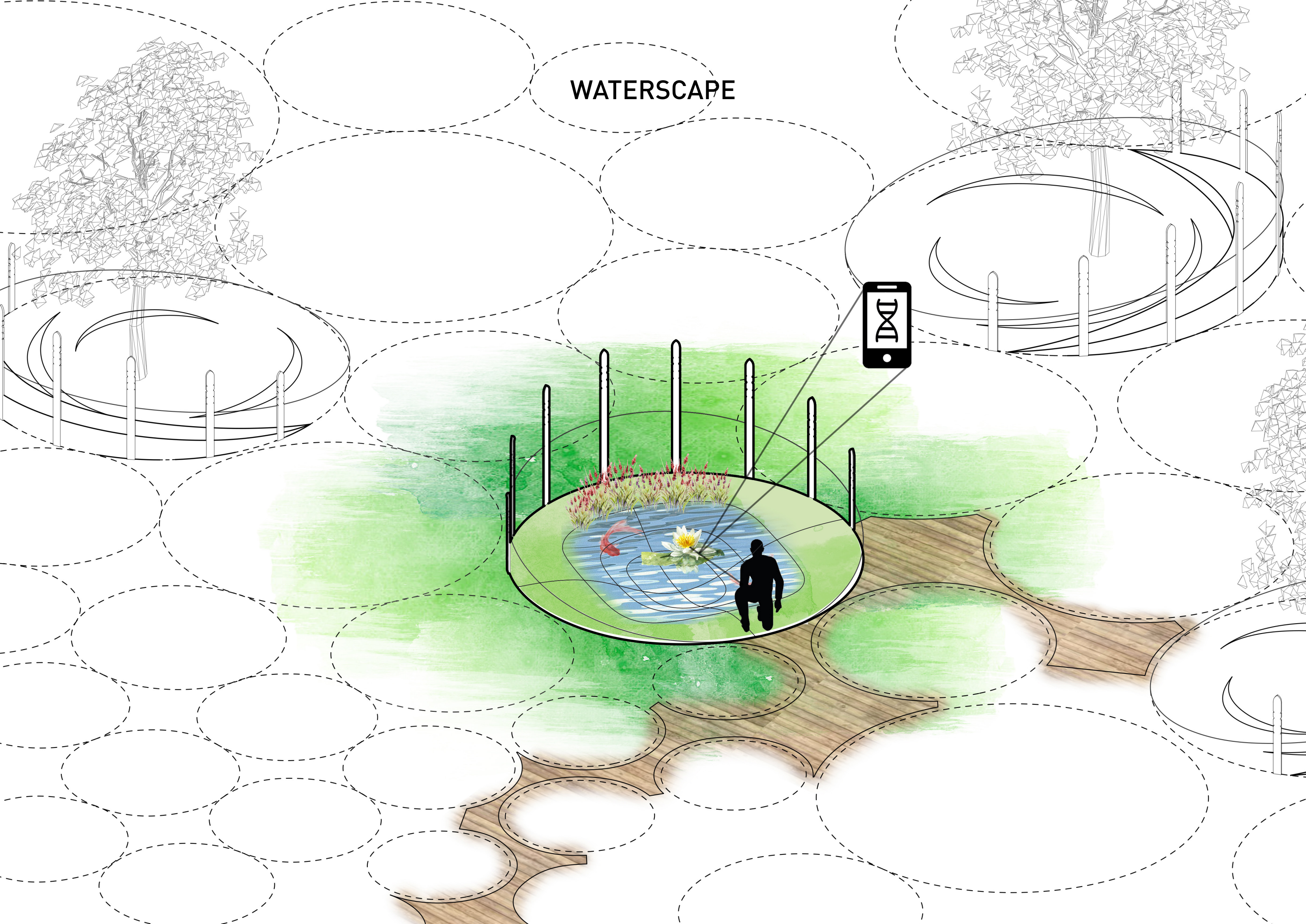


RockScape

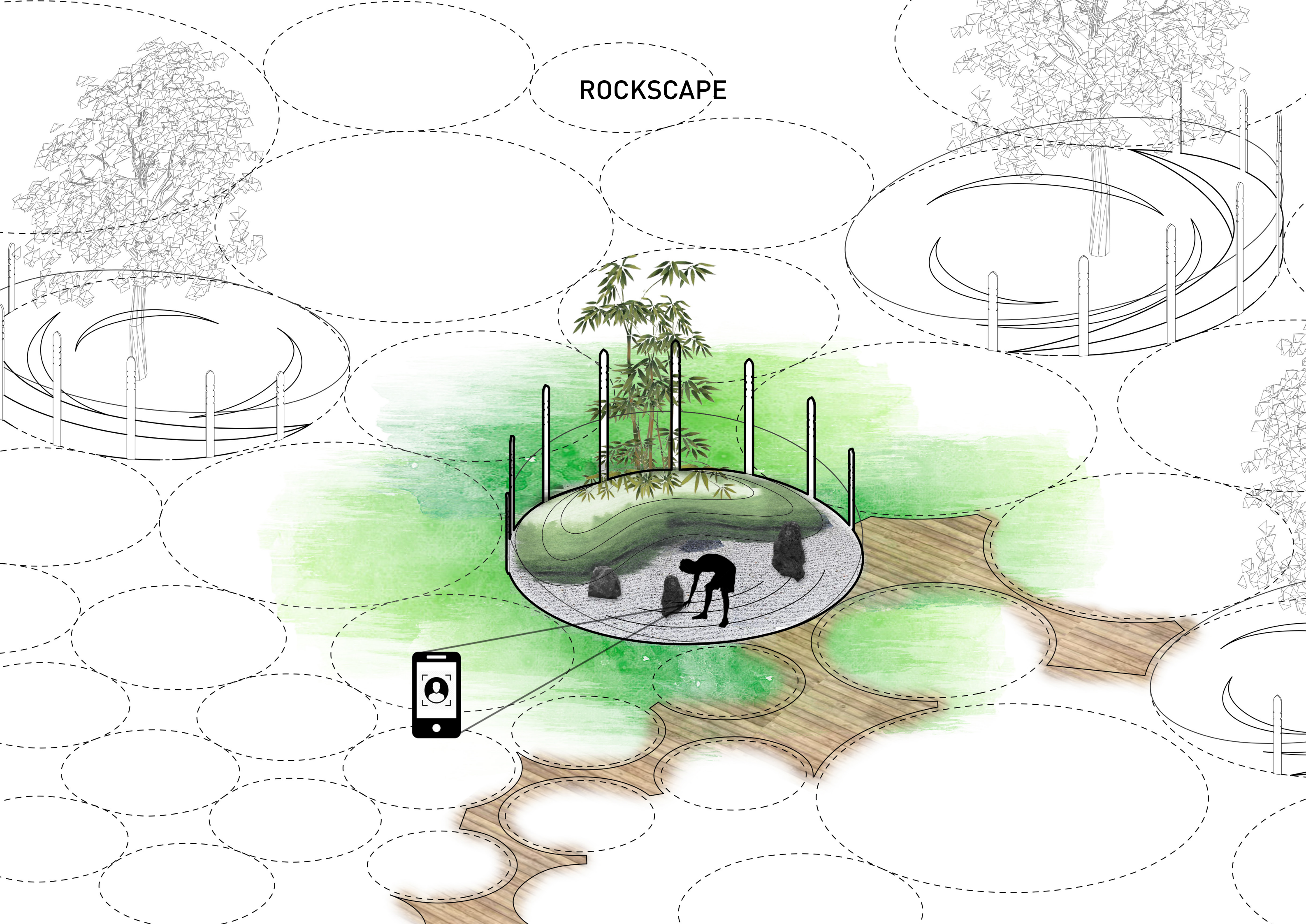
SOFTSCAPE



WATERSCAPE

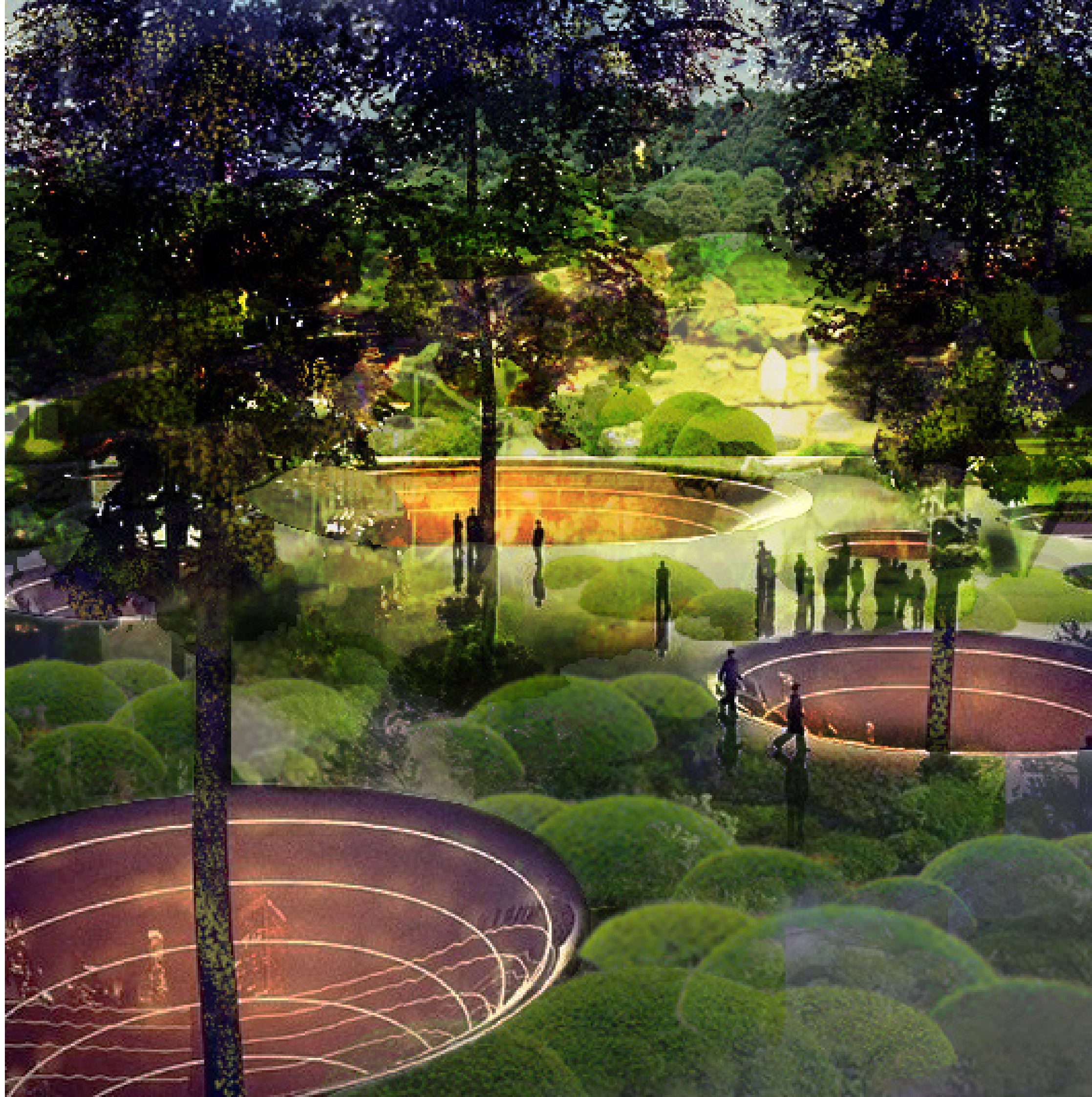


ROCKSCAPE









[DEMO]:

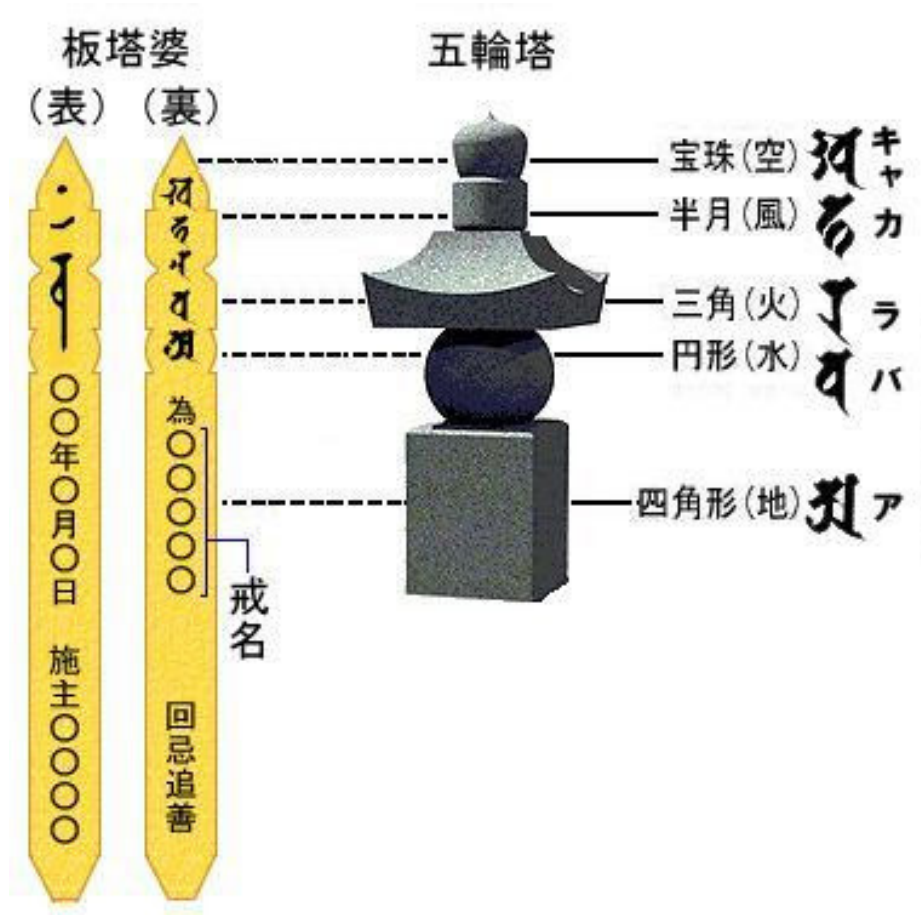
DIGITAL OFFERING

APPENDIX

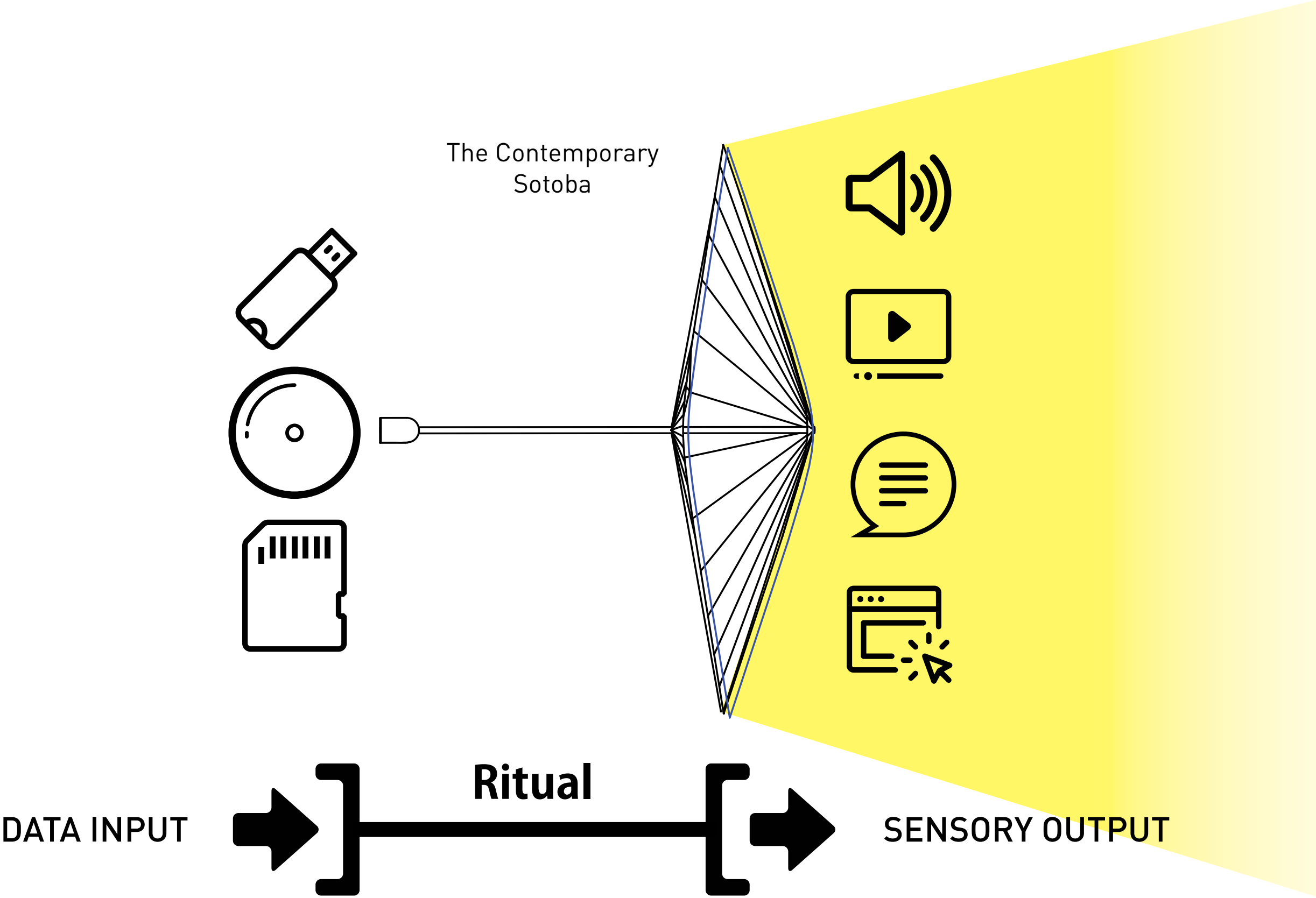
How does Digital Technology become a Spiritual Medium?



Historical Evolution of the Sotoba Typology

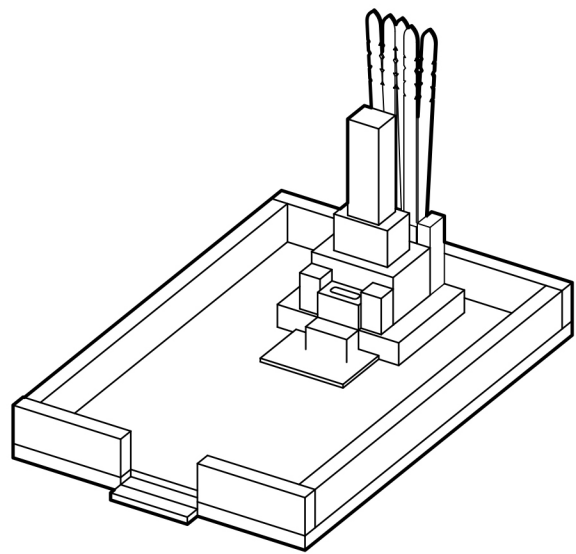


SPIRITUALIZING the DATA

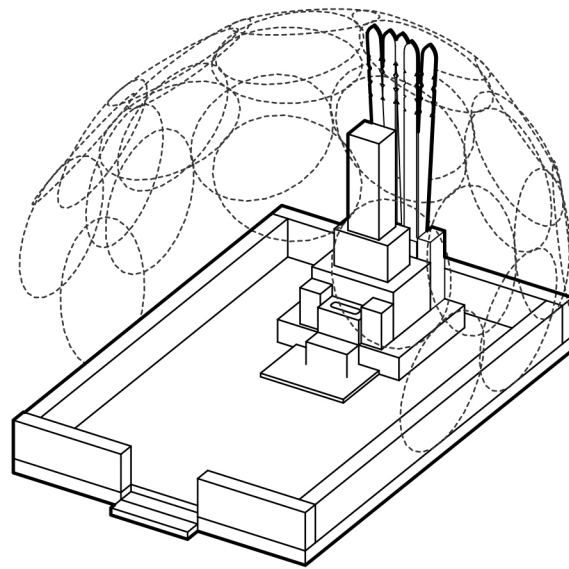


UNIT AGGREGATION

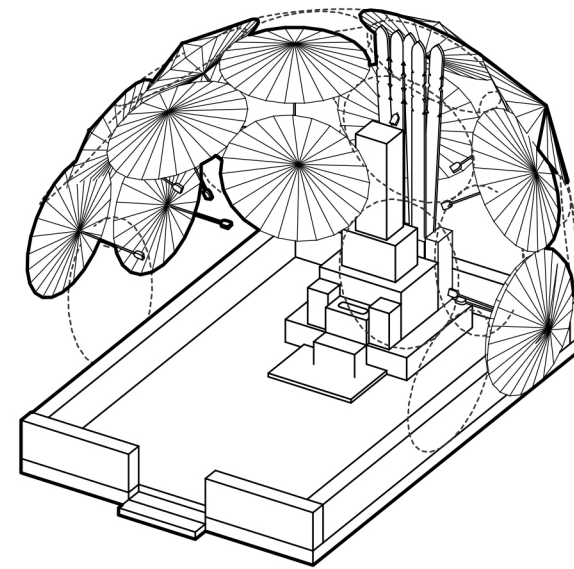
Evolution over Time



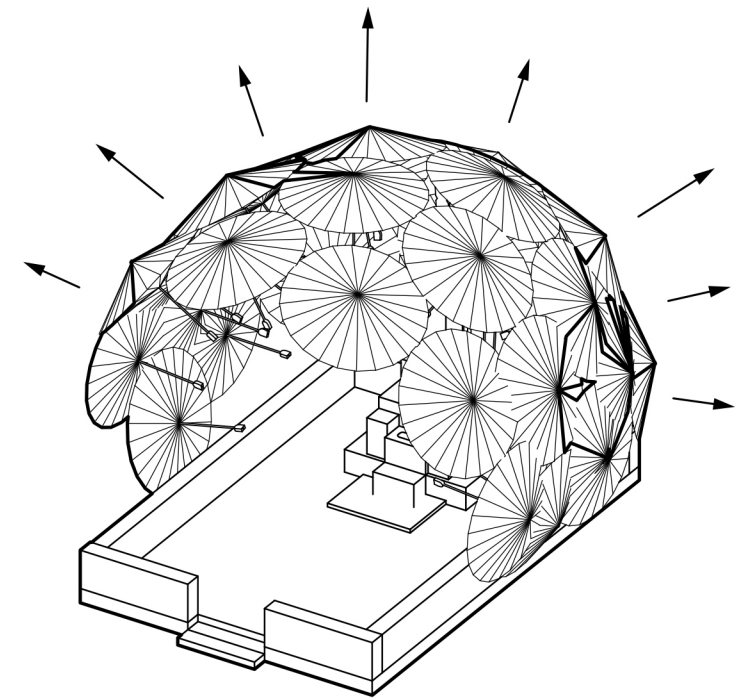
The Traditional
Tombstone



Unit Framework

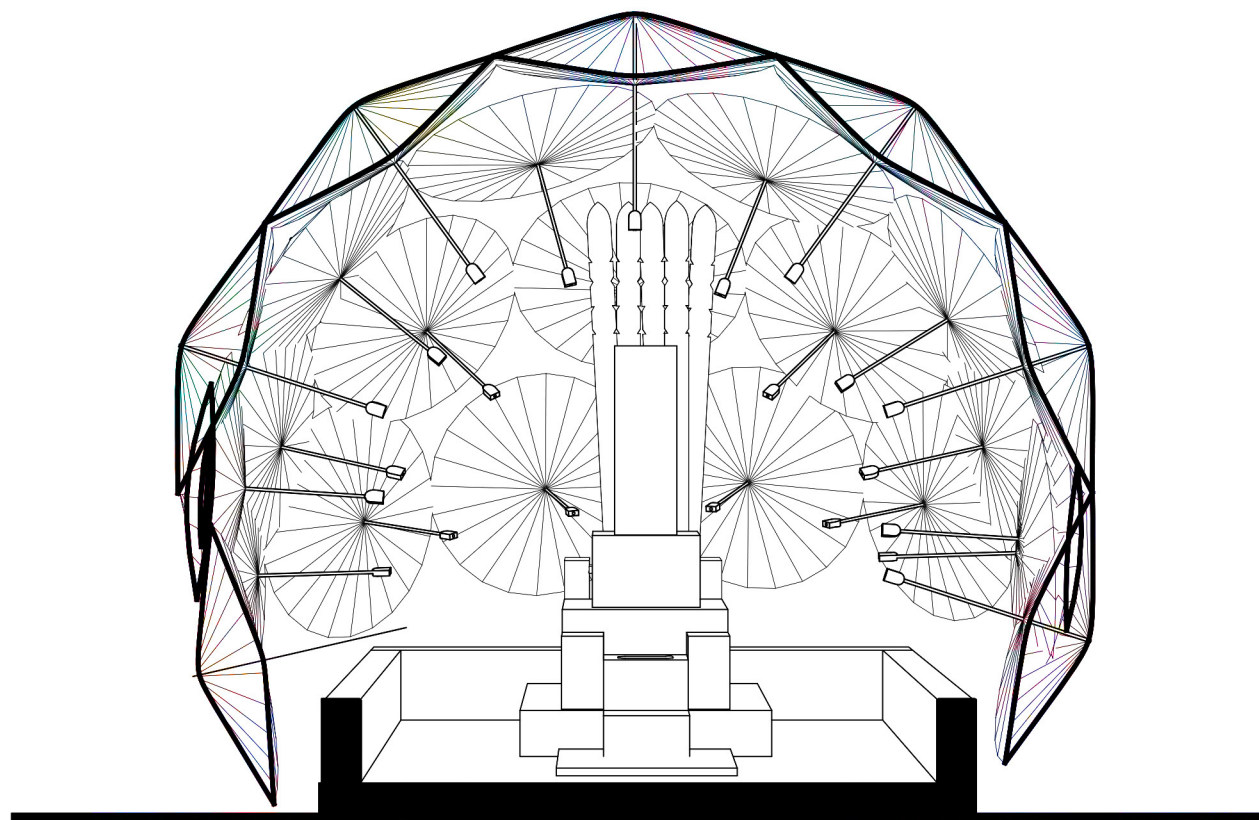


Unit Aggregation Over
Time

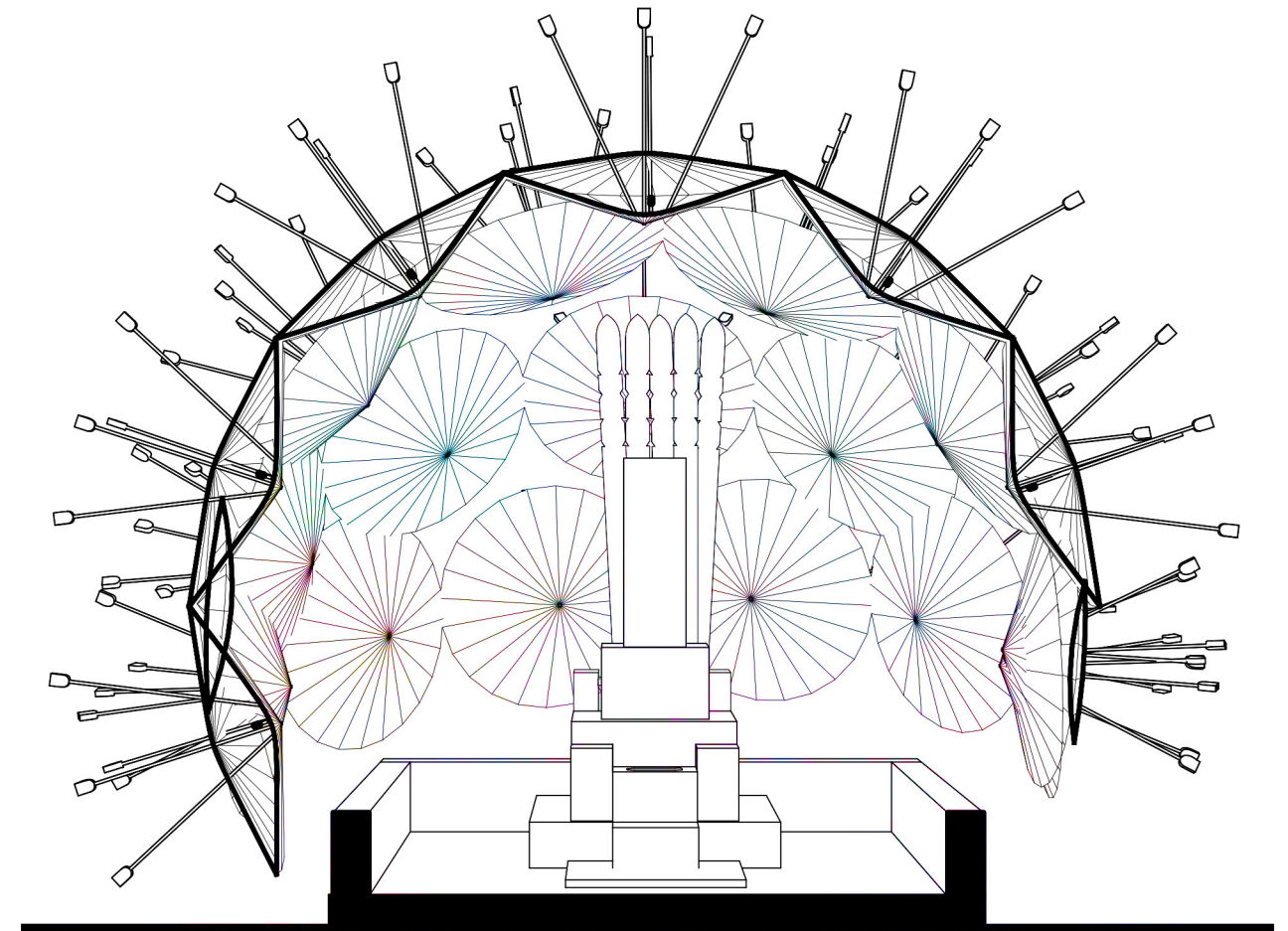


Digital Amplification of
the Public Persona

AMPLIFYING the PUBLIC/PRIVATE TENSION

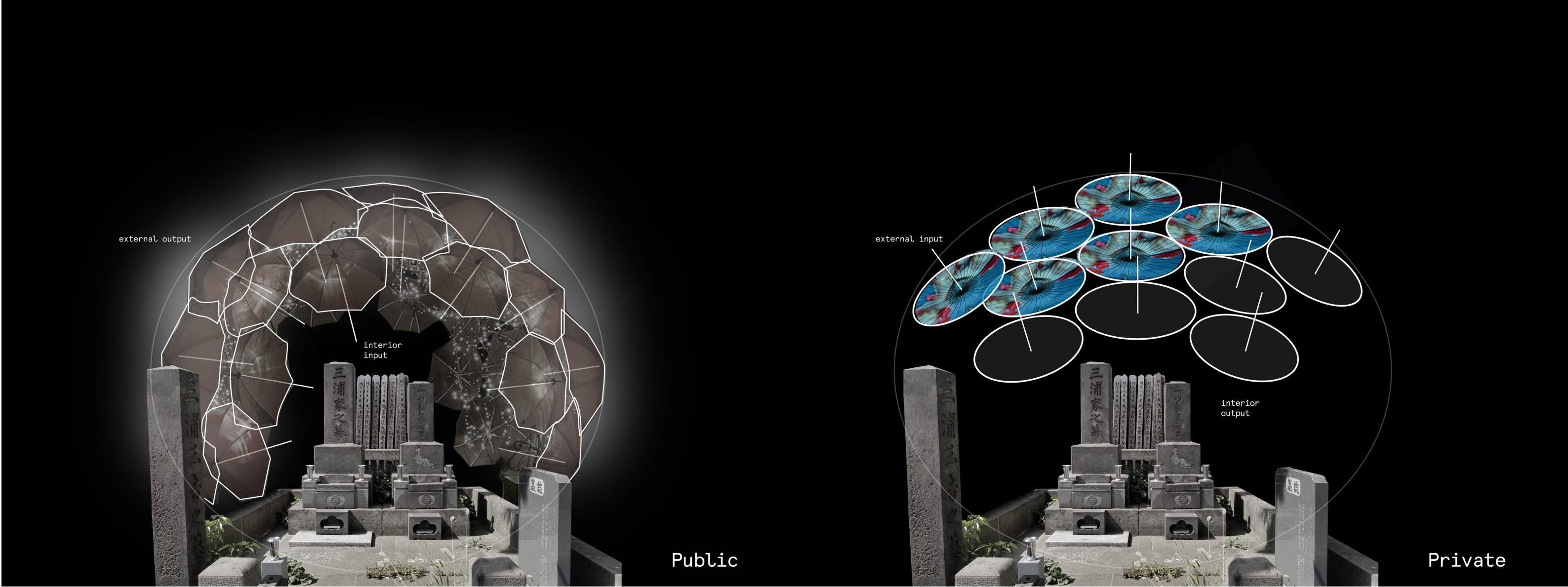


THE MIRROR
Amplifying the Caricature
of the Public Tombstone



THE BUBBLE
Concealing the Privacy of
the Personal Tombstone

AMPLIFYING the PUBLIC/PRIVATE TENSION





Private Space



Sakura-dori Avenue



komorebi

Private Space







-2018



2020-



2030-



TIME VARIATION