THE PINE RIDGE PROJECT REVITALIZING THE FORGOTTEN

quinn sackreiter-heesch la 572 | design development



WHY IS PINE RIDGE IMPORTANT?

The project site is in an area in America that is in extreme need. Not many are aware of the 3rd world country status of the Pine Ridge Indian Reservation, and I feel that it's an important place to implement a project that will serve the needs of the people living there.

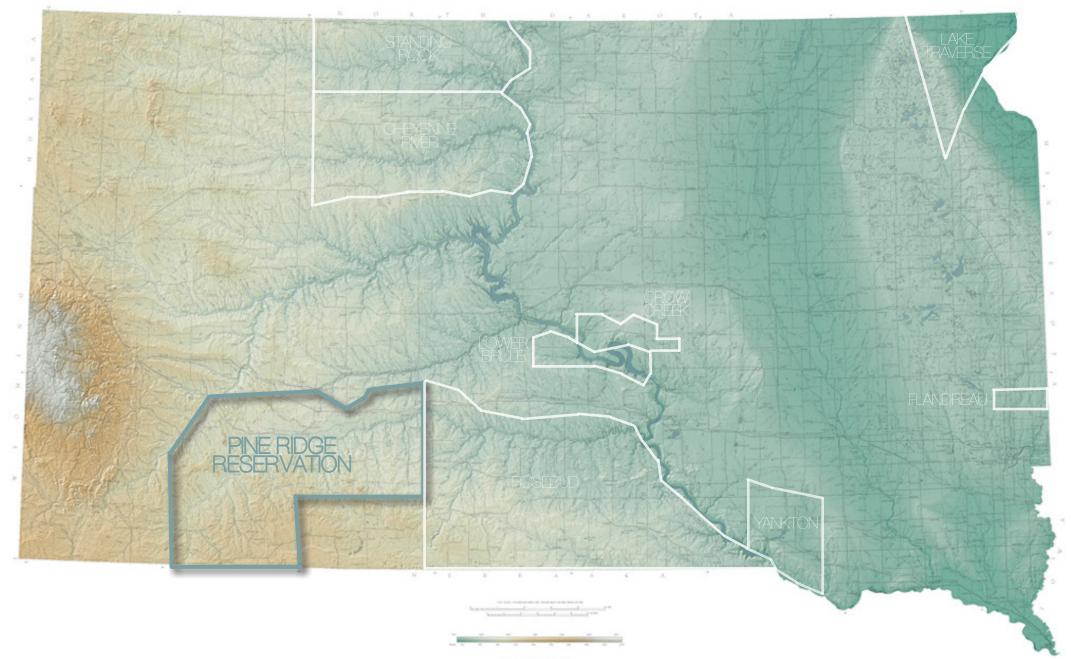
PROBLEM STATEMENT

The lack of public spaces and urban planning in the Pine Ridge Indian Reservation communities is affecting the resident's health, safety, and ability for economic advancement and community involvement.

WHERE?

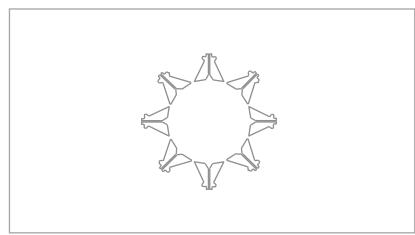
- south west south dakota 3,468.86 square miles / 2,000,000 acres population: 28,700 persons elevation: 2820 feet topography: rolling mixed grass prairie and badlands (sandhills) climate: 88° F (avg. high) 6.9° F (avg. low) annual precipitation: 16.64 inches counties in sd/ne: shannon, jackson, bennett & sheridan
 - flandreau, yankton, rosebud, crow creek, and lower brule)
 - 8th largest Indian reservation in the United States

SOUTH DAKOTA



An annual for header interaction of the second seco





OGLALA LAKOTA SIOUX HISTORY one of 7 subtribes of the Lakota, along with the Nakota & Dakota to make up the Great Sioux Nation OGLALA 'to scatter one's own'

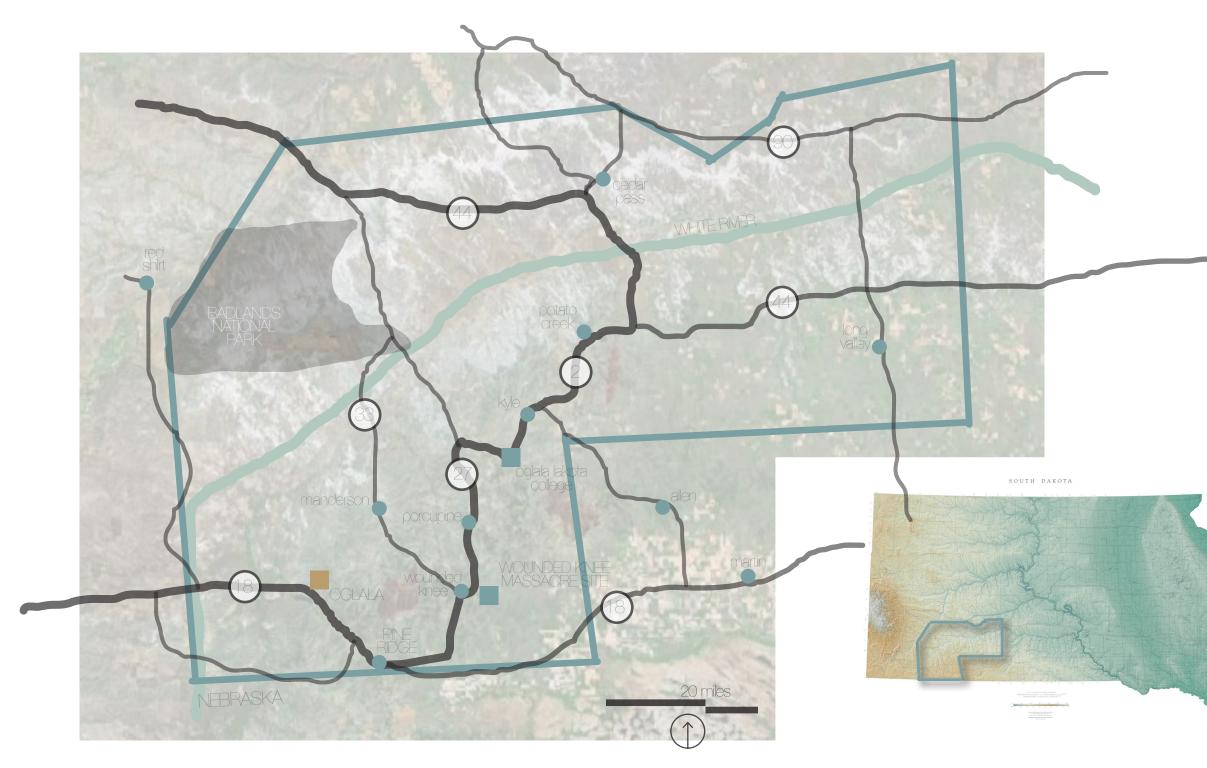
1830	1820- 1830	1868	1872	1876 1877	1889 1890
3,000 members in the OGLALA Sioux tribe	Band together with 3 other Sioux tribes to fo the Sioux Aliance	Fort Laramie Treaty guarantees ownership of the Black Hills to the Lakota Sioux people	Gold is discovered in the Black Hills	The Great Sioux War ends The Battle of the Little Big Hom	Wounded Knee Massaore Pine Ridge Indian Reservation Established





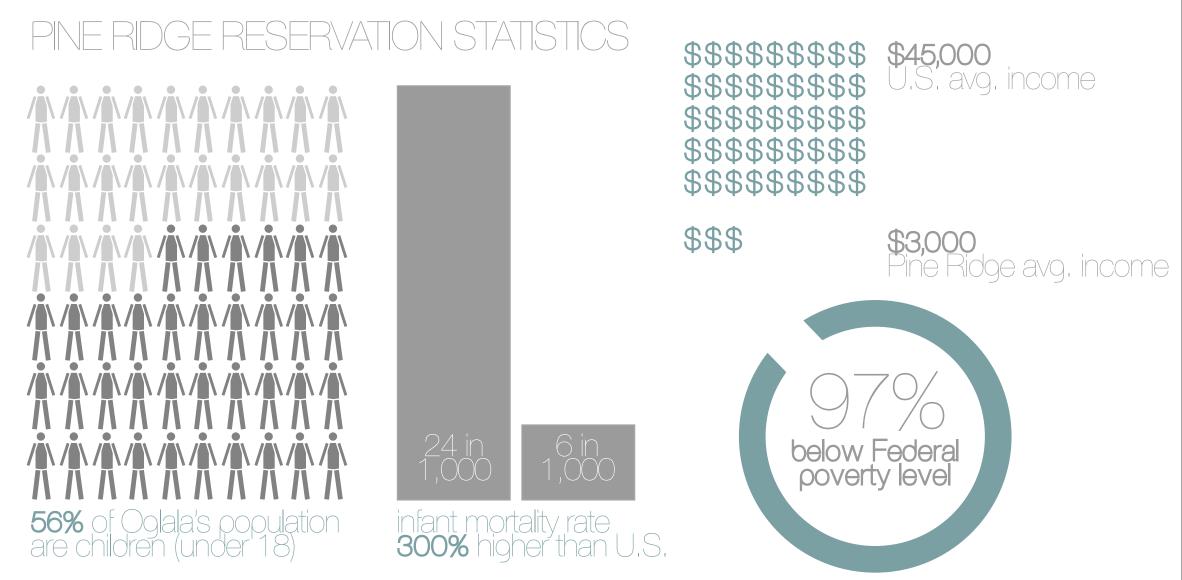
PINE RIDGE INDIAN RESERVATION

key places: oglala (project site) pine ridge wounded knee site







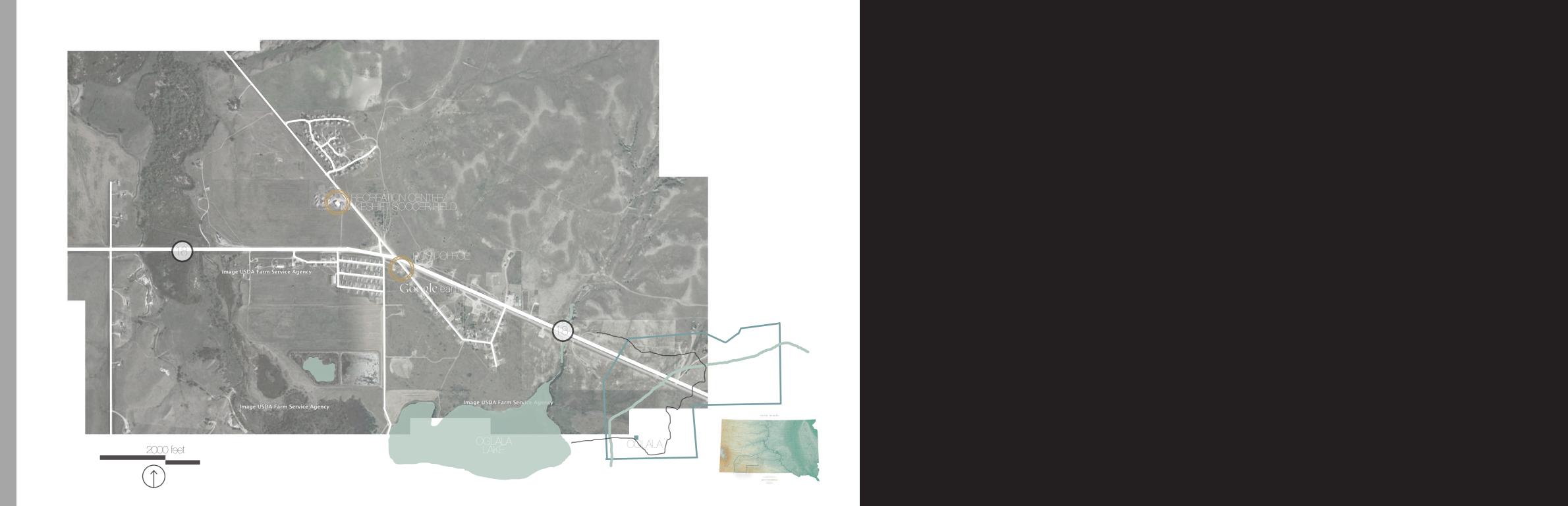


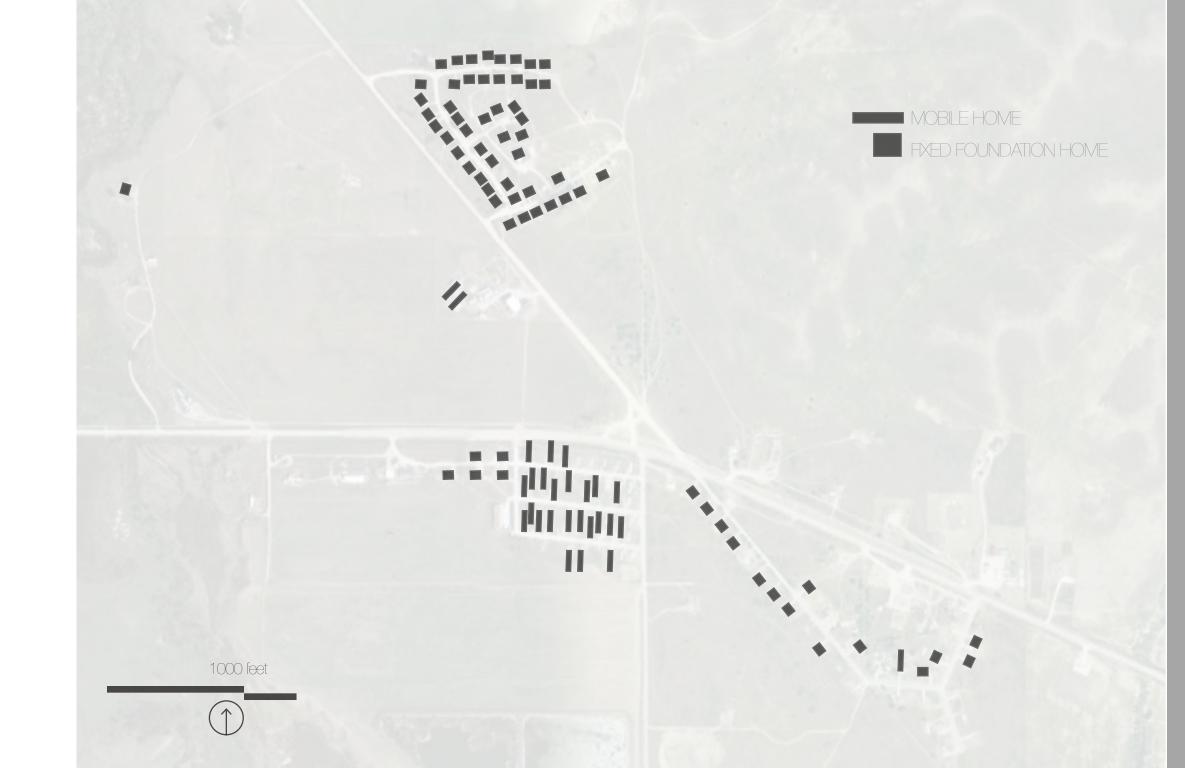


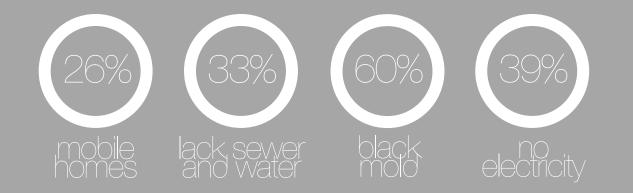


OGLALA SOUTH DAKOTA

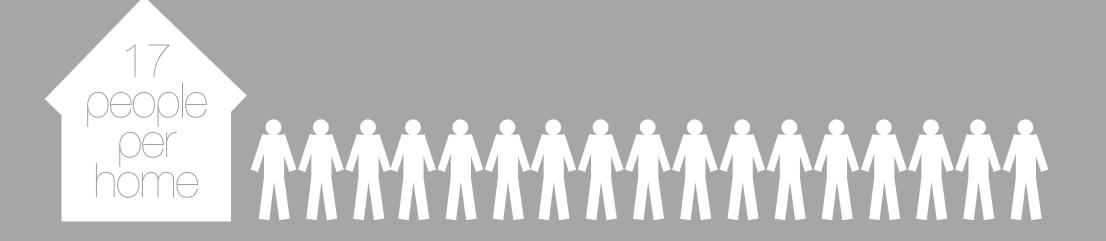
nannon county - census designated place population: 1,229 persons (229 households, 201 families) size: 13.4 square miles elevation: 2,995 feet amenities: recreation center makeshift soccer field post office





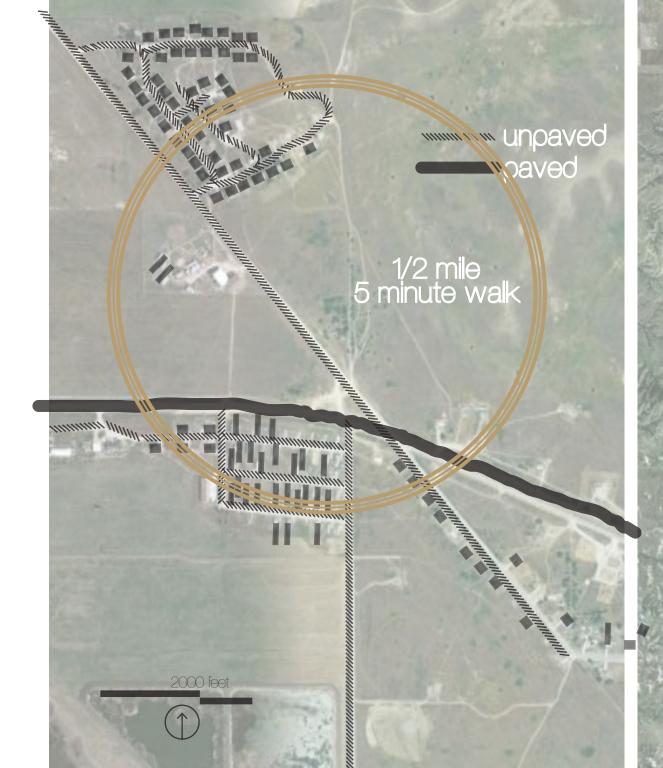


HOUSING current homes built between 1970-1979 in need of 4,000 new homes to combat the homeless situation









OGLALA

PINE RIDGE school groceries

GrOC⊖ri Image © 2013 GeoEye 9 <u>m</u>il⊖snage USDA Farm Service Agency

43°05'21.02" N 102°39'44.37" W elev 0 ft



CONCEPTUAL DESIGN



OPTION 01 MASTERPLANNING

-) SOCCER FIELD 5 CHILDREN'S PLAYGROUND
 - LOUSING 2





OPTION 02 MASTERPLANNING

SOCCER FIELD

CEREMONIAL + CULTURAL

pow wows, gatherings powwaw - "spiritual leader"

lasting 1 day to 1 week dance competition honoring Native American heritage

ELEMENTS OF A POW WOW;

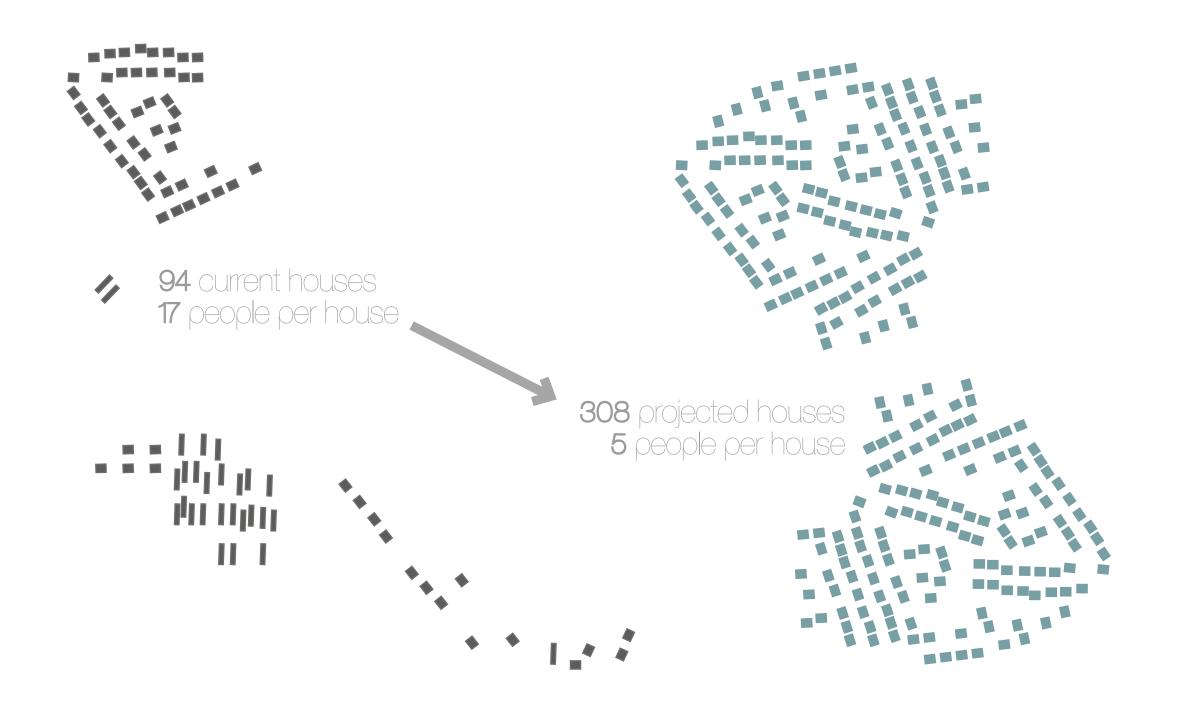






HOUSING removing all mobile homes increasing housing amount by **228%**



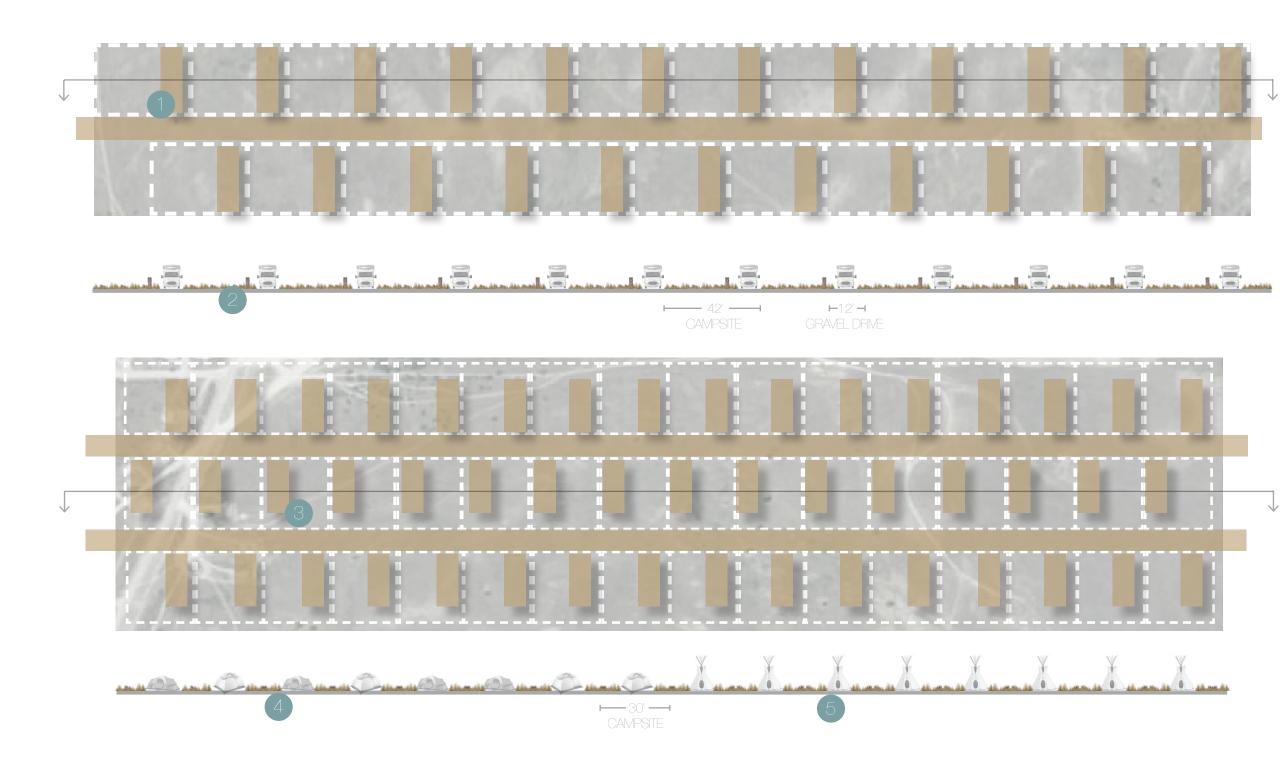






EXAMPLE camping / RV site signage

CAMPGROUND LOCATED NORTH OF OGLALA LAKE



POW WOW CAMPGROUND

RV CAMPING / 6 acres 25 sites/acre each site 42'x40' (RV gravel spot 40'x12') = 1,680 sq. ft.

TENT CAMPING / 3 acres 48 sites/acre each site 30'x30' (car gravel spot 20'x12') = 900 sq. ft.

TEEPEE RENTALS / 1 acre 48 sites/acre each site 30'x30' (car gravel spot 20'x12') = 900 sq. ft.

RECREATION / BATHROOMS / ADMIN, / 4 acres

PATHWAY SYSTEM

primary transportation methods: foot bike horse automobile





FINAL DESIGN SOLUTION

01. COHOUSING 02. CENTRALIZED COMMUNITY + CEREMONIAL SPACE 03. ACTIVITY SPACE + COMMUNITY PROGRAMMING

The goal of implementing these 3 key elements is to make a place that is personal to the culture and needs of the Lakota tribe, and in return, mental and physical health conditions will improve along with giving Oglala's residents a better sense of community and pride of place.



OGLALA MASTERPLAN

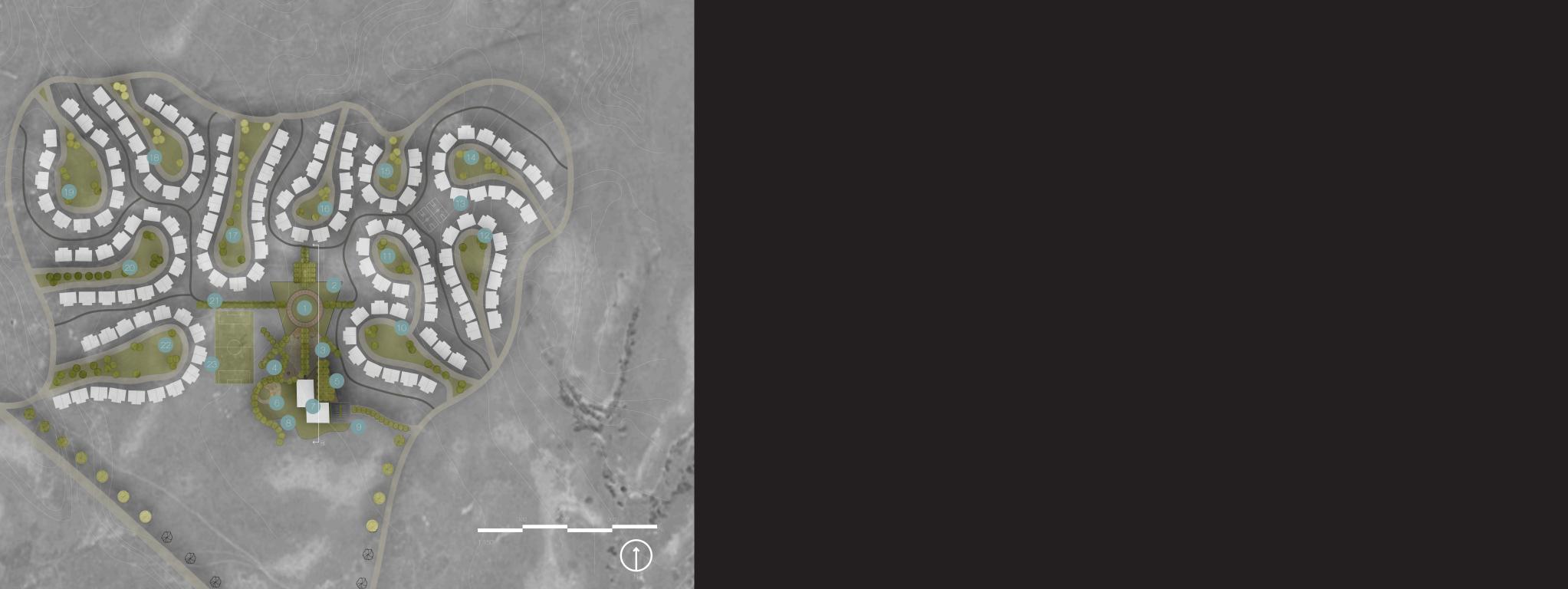
This design is centered around community and promoting togethemess. The Lakota culture is rich with family ties and helping one another out, that's why it was important to create spaces that allowed people to gather together. The nucleus of this design is the plaza space that's situated in the middle of the residential houses. All paths lead to this space. This area allows for leisurely gatherings and also the biannual Pow Wow that occurs in Oglala. The plaza also has a children's space with playground and fountains. The area is equipped for the hundreds of visitors that come to view the Pow Wow and the vendors that also attend.

Another important part of masterplanning Oglala was creating housing that allowed families to easily interact with one another. Family is extremely important here, and often times homes are multigenerational. By implementing a cohousing system of duplexes situated around neighborhood garden and park space, family members are able to interact with one another with ease and living situations can be improved

elements of design

- POW WOW RING
- OPEN LAWN
- PAVED PATIO (VENDOR SPACE)
- FIREPIT
- WOUNDED KNEE MEMORIAL
- CHILDREN'S PLAYGROUN FOUNTAIN COMMUNITY CENTER
- B OPEN LAWN
- 9 PARKING LOT
- O COMMUNITY GARDENS/LAWN
- 1) COMMUNITY GARDENS/LAWN
- 2 COMMUNITY GARDENS/LAWN
- 3 BASKETBALL COURTS
- 4 COMMUNITY GARDENS/LAWN
- 5 COMMUNITY GARDENS/LAWN

- 20 COMMUNITY GARDENS/LAWN
- 21) PEDESTRIAN TRAILS
- 22 COMMUNITY GARDENS/LAWN
- 23 SOCCER FIELD



what is COHOUSING?

COHOUSING is collaborative housing in which the residents actively participate in the design and operation of ther own neighborhoods. It's created for multigenerational families with lots of open and shared spaces. In Oglala, cohousing was incorporated through the implementation of duplexes. The duplexes are aligned around a neighborhood garden and park space. This space is dedicated to the residents of that particular neighborhood and promotes community and public spaces.







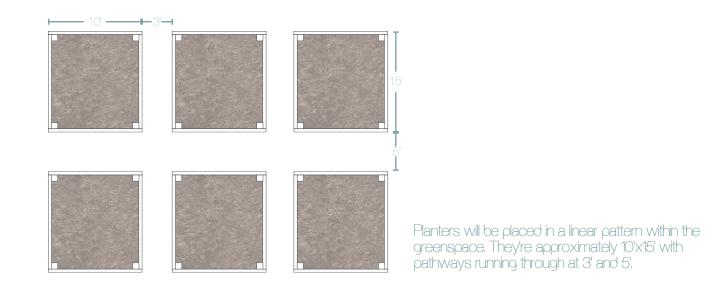
2 neighborhood gardens



COHOUSING GARDENS + PARK

Each interior green space between the cohousing duplexes provides an intimate place for residents of that neighborhood. The space provides garden plots and 'yaro' space.



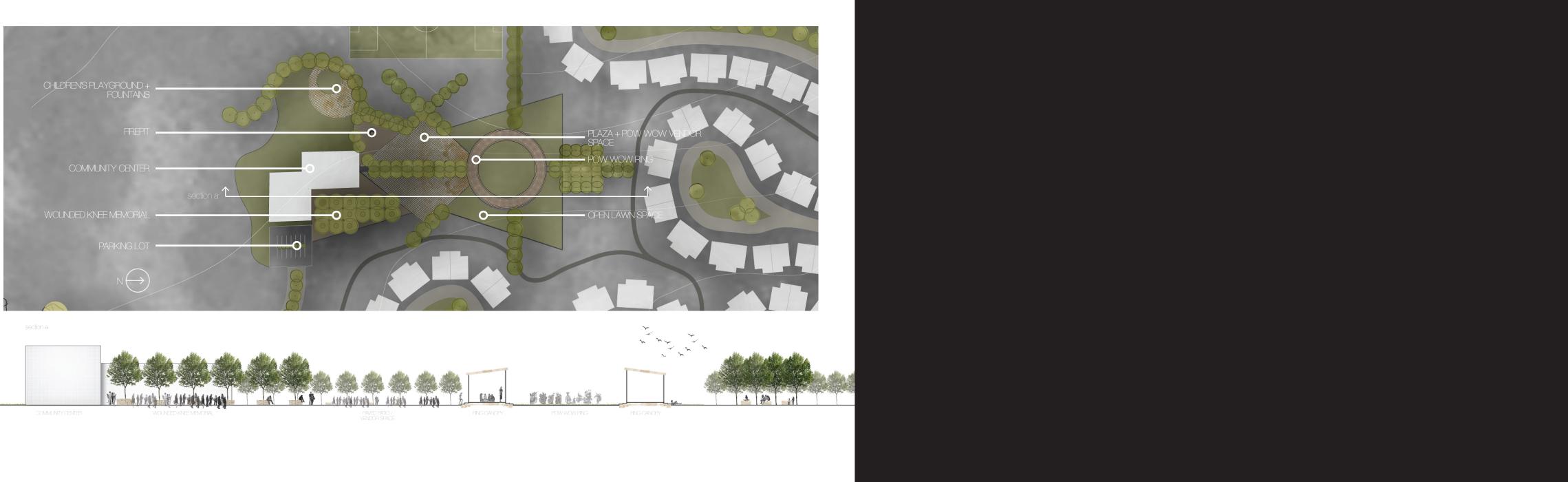






PLAZA + CULTURAL SPACE

The plaza space is the nucleus of the design. It provides meeting grounds and amenities for the residents, and also a space for the traditional Pow Wow.

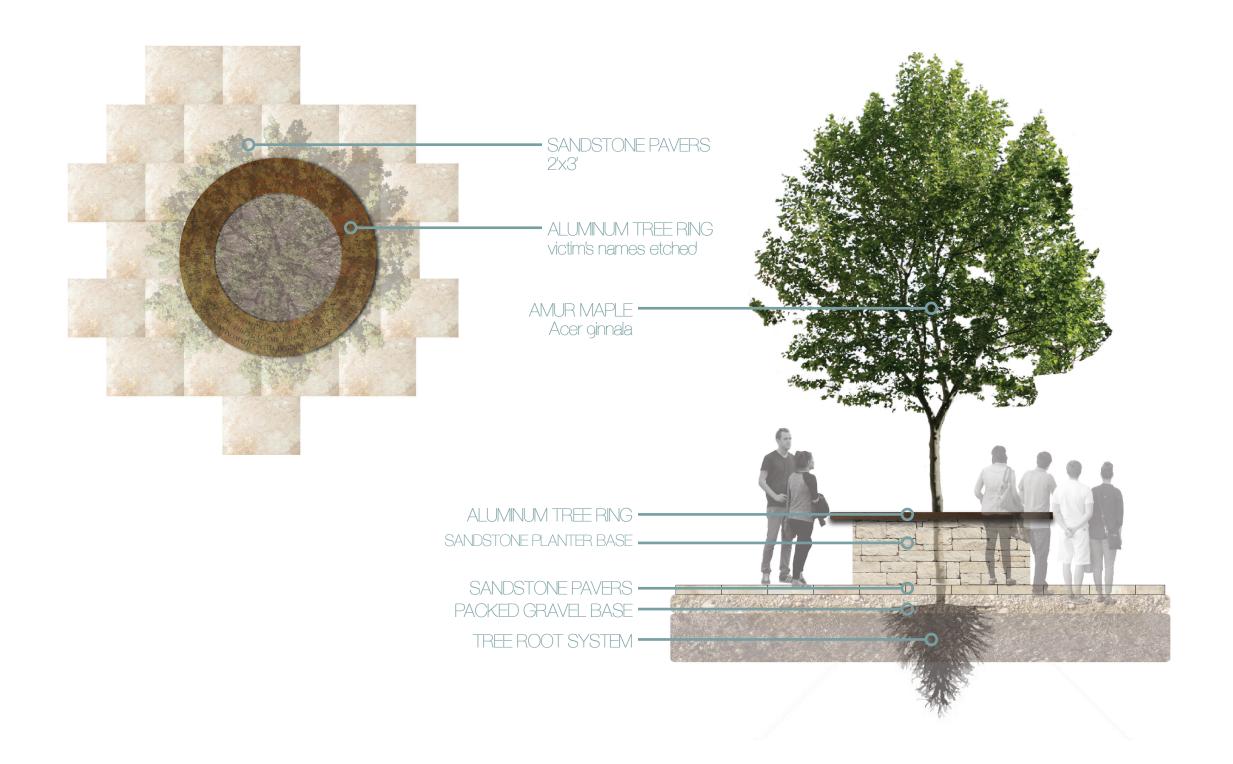




T WOUNDED KNEE MEMORIAL

This is an important area to have in Oglala. Many community members were directly affected by the Wounded Knee Massacre. In order to honor and acknowledge them, their names will be engraved in an aluminum ring placed around the plaza trees.



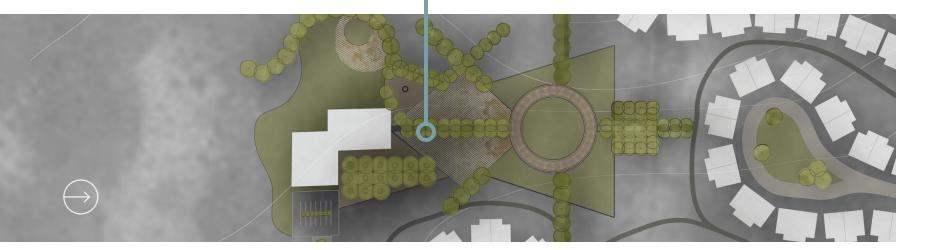


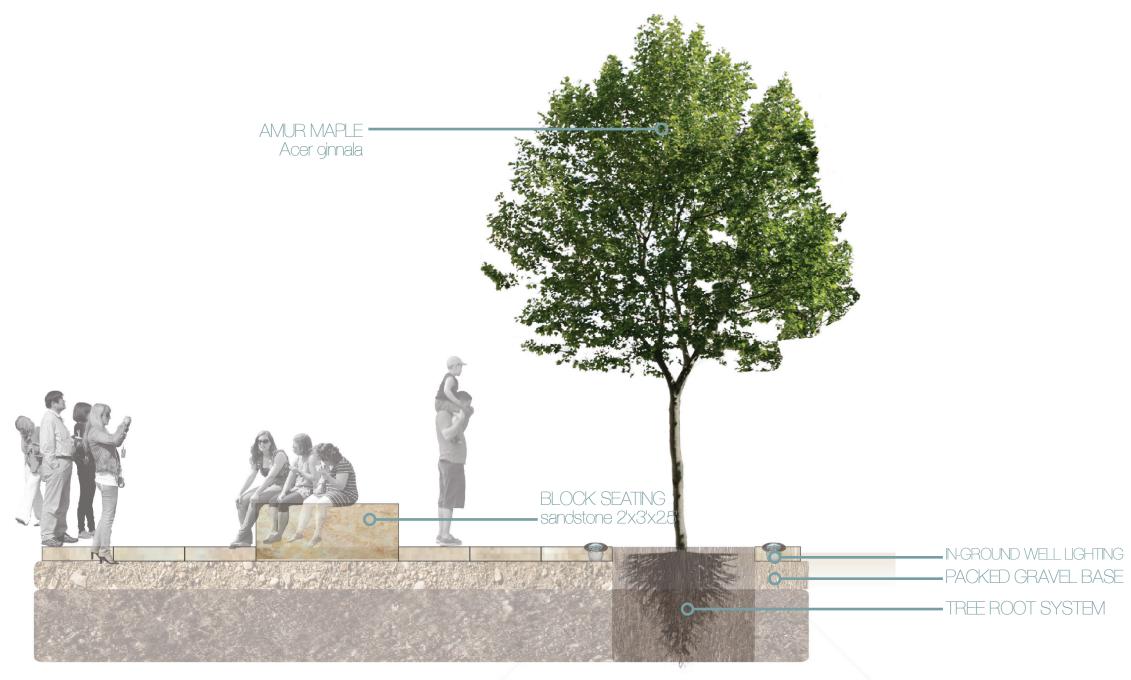




T PLAZA TREES + SEATING

Even though the plaza is a mainly open space to accomodate vendors during the Pow Wows, subtle seating and tree plantings are placed throughout.

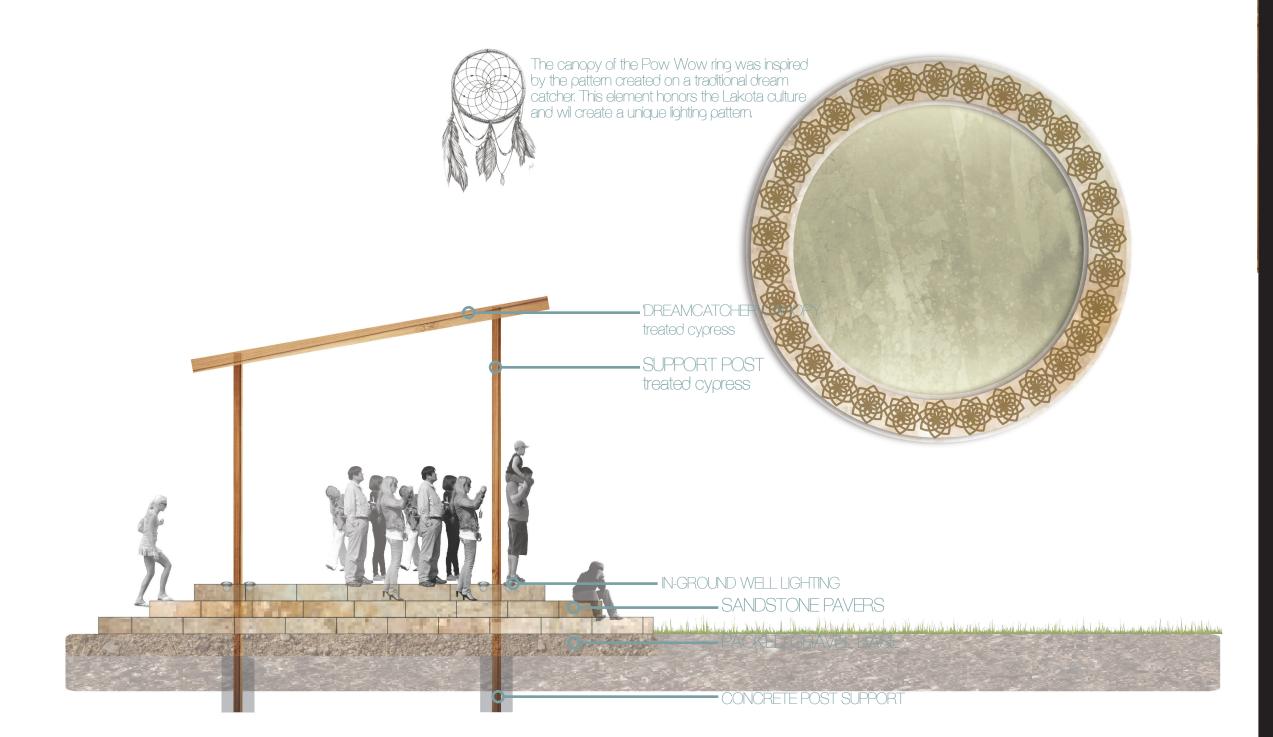




T POW WOW RING

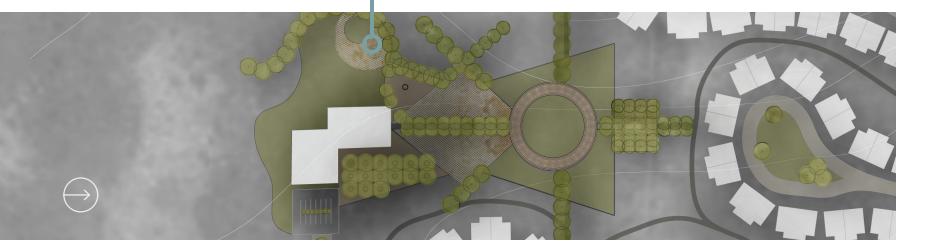
The Pow Wow ring is one of the most important cultural elements of this space. It's the nucleus of the community. In this area, residents can gather on the green grass in the center of the ring, lounge on the steps encircling it, and most importantly, host their biannual Pow Wow festivities

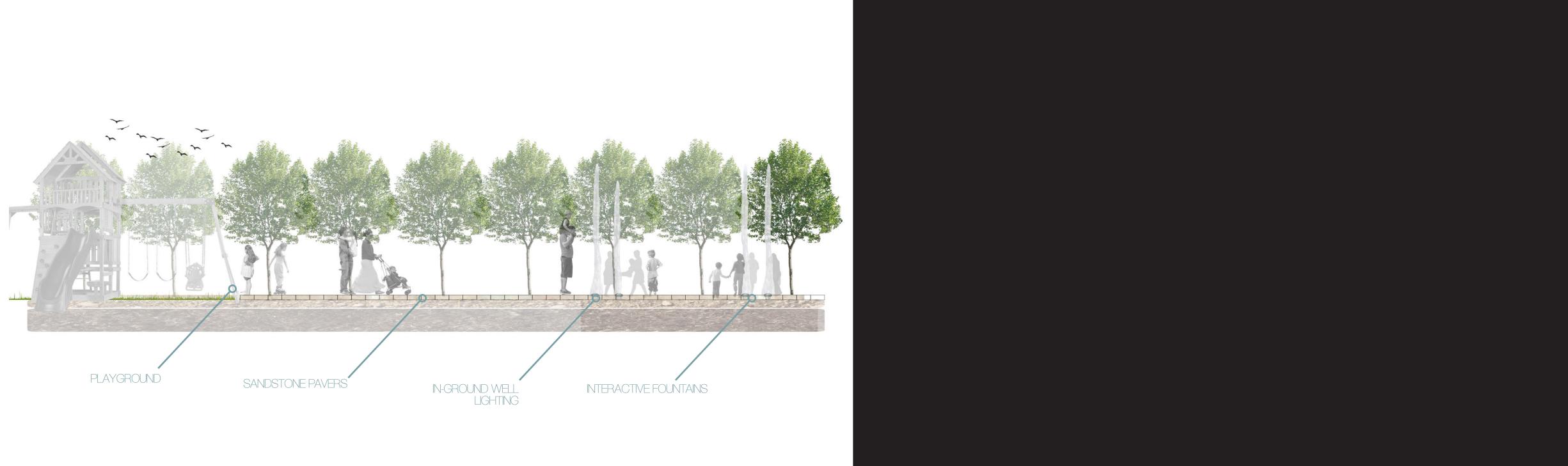




T CHILDREN'S PLAYGROUND + FOUNTAINS

Because over half of the population in Oglala is children, it was important to incorporate an area for them to play. Along with the 2 basketball courts and soccer field, an area was created with a playground system and interactive fountains.





ACTIVITY SPACES + COMMUNITY PROGRAMMING

Now that a space is provided, activities can begin to start happening that will further community cohesiveness.

PRIMARY ACTIVITY SPACES: children's playground interactive fountains soccer field 4 outdoor basketball courts neighborhood gardens

COMMUNITY CENTER AMENITES: indoor gathering spaces indoor basketball court larget community kitchen

JANUARY	FEBRUARY	MARCH	APRIL
ORAFTING @ REC CENTER INDOOR BASKETBALL LEAGUE @ REC CENTER CHILDREN'S AFTER SCHOOL PROGRAMS	ORAFTING @ REC CENTER INDOOR BASKETBALL LEAGUE @ REC CENTER CHILDREN'S AFTER SCHOOL PROGRAMS	CRAFTING @ REC CENTER INDOOR BASKETBALL LEAGUE @ REC CENTER CHILDREN'S AFTER SCHOOL PROGRAMS	ORAFTING @ REC CENTER INDOOR BASKETBALL LEAGUE @ REC CENTER CHILDREN'S AFTER SCHOOL PROGRAMS SPRING GARDEN PLANTING
SCHOOL / WINTER			

MAY	JUNE	JULY	AUGUST
SPRING GARDEN PLANTING BASKETBALL LEAGUES SOCCER LEAGUES CHILDREN'S ACTIVITES @ REC CENTER CAMPING LAKE ACTIMITES SUMMER	GARDENING BASKETBALL LEAGUES SOCCER LEAGUES CHILDREN'S ACTIVITIES @ REC CENTER CAMPING LAKE ACTIVITIES	GARDENING BASKETBALL LEAGUES SOCCER LEAGUES CHILDREN'S ACTIVITIES @ REC CENTER CAMPING LAKE ACTIMIES	GARDENING BASKETBALL LEAGUES SOCCER LEAGUES CHILDREN'S ACTIVITIES @ REC CENTER CAMPING LAKE ACTIVITIES POW WOW FESTIVITIES

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
CRAFTING @ REC CENTER NDOOR BASKETBALL LEAGUE @ REC CENTER CHILDREN'S AFTER SCHOOL PROGRAMS	CRAFTING @ REC CENTER INDOOR BASKETBALL LEAGUE @ REC CENTER CHILDREN'S AFTER SCHOOL PROGRAMS TRIOK-O-TREATING	CRAFTING @ REC CENTER INDOOR BASKETBALL LEAGUE @ REC CENTER CHILDREN'S AFTER SCHOOL PROGRAMS	CRAFTING @ REC CENTER INDOOR BASKETBALL LEAGUE @ REC CENTE CHILDREN'S AFTER SCHOOL PROGRAMS
SCHOOL / WINTER			



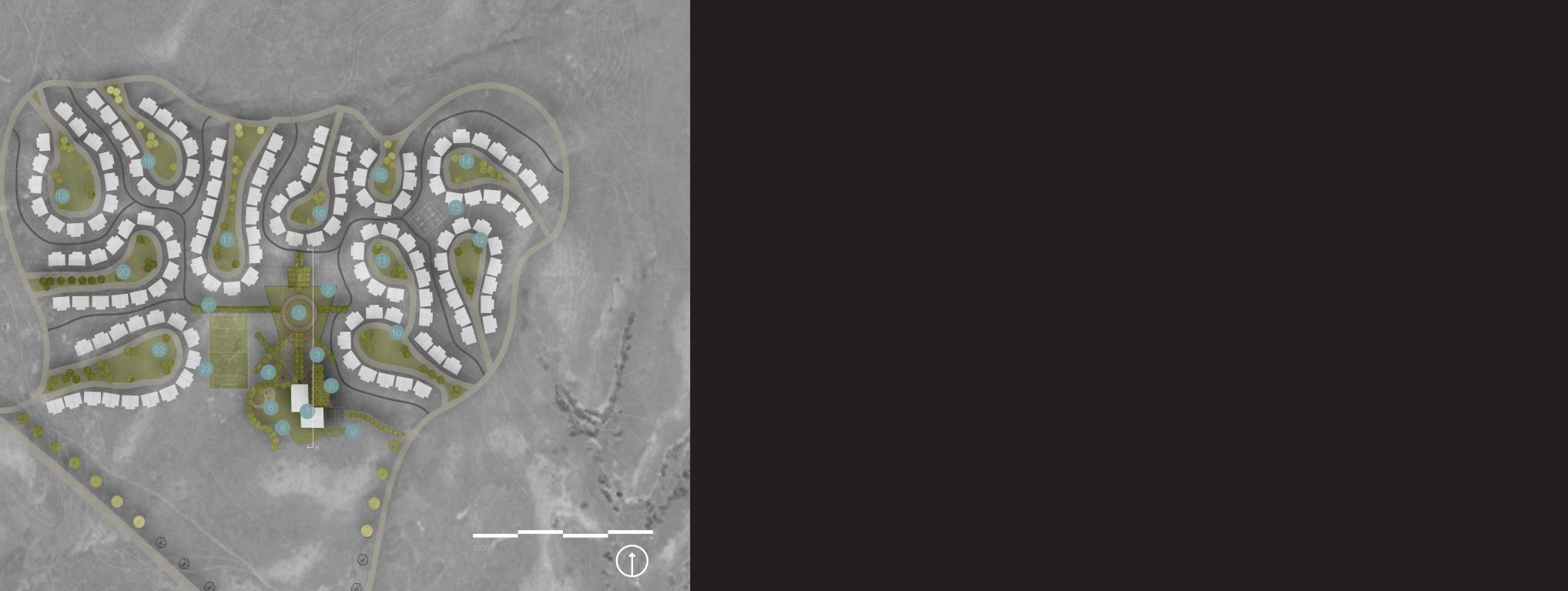
WILL CONDITIONS IMPROVE?

Through the implementation of public spaces such as a community center, central plaza and Pow Wow, cohousing, gardens, sports fields, memorial, and playground and through a more cohesive community layout, Pine Ridge resident's will hopefully begin to slowly improve their health, safety, ability for economic advancement and community involvement.

elements of design

- 11) COMMUNITY GARDE

- 13BASKETBALL COURTS14COMMUNITY GARDENS/LA





AARON HUEY, photographer Aaron spent 7 years amongst the Lakota people of Oglala. During his time there, he documented their stories and took many beautiful photographs. He's an award winning photographer and has had his work on the Pine Ridge Reservation featured in National Geographic. He's a reoccuring speaker at numerous TED talks and is an activist in the 'Honor the Treaties' movement. I'm thankful for the life his photos brought to this project.

