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OELRICH



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TABLE OF CONTENTS

PERSONAL PROJECTS

DESIGN COMPETITIONS

SALT WORKS

INTERSTITIAL

WARMING HUTS

FRANKLIN PARK

ART & SCULPTURE

FIELD SKETCHES

BLACKWELL RYAN WEDDING

PROFESSIONAL PROJECTS

RAISON PURE

ON STELLAR RAYS

1045 5TH AVE

PORTLAND ART MUSEUM

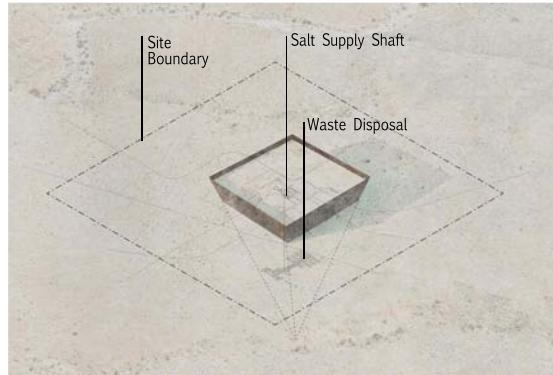
PAM - CAFE AND GIFTSHOP

933 STATE

BARBER STATION RESTAURANT

CANYON CREST TOWNHOMES

PERSONAL PROJECTS
DESIGN COMPETITIONS



Waste Isolation Pilot Plant
Location: Carlsbad, New Mexico



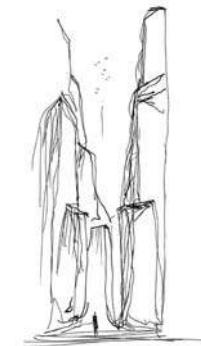
PERSONAL PROJECT
**NEW CARLSBAD
SALT CAVERNS**
NUCLEAR COMPETITION

THIS PROJECT EXPLORES THE WAY IN WHICH HUMANS USE AND SHAPE THEIR NATURAL ENVIRONMENT. A METHOD OF CREATING SPACE IS ENVISIONED WHICH USES THE NATURAL PROCESS OF HALOCLASTIC EROSION TO SHAPE THE LANDSCAPE. THE RESULT IS A SYSTEM OF CAVERNOUS SPACES WHOSE FORM IS DIRECTED BY THE NATURAL FORCES OF CRYSTALLINE SALT FORMATION.

IN THIS STUDY, ARTISTIC METHODOLOGIES AND SPECULATIVE FORMS OF REPRESENTATION ARE USED TO CRITICALLY EXPLORE THE RELATIONSHIP BETWEEN ART, ARCHITECTURE AND THE LANDSCAPE. HERE, THE DISPOSAL OF NUCLEAR WASTE IS STUDIED AS AN OPPORTUNITY TO THINK CRITICALLY ABOUT HOW WE USE DESIGN TO INTERACT WITH THE ENVIRONMENT.

NEW CARLSBAD SALT CAVERNS ENVISIONS A FUTURE WHERE THE SALT USED TO ENCAPSULATE NUCLEAR WASTE WILL EVENTUALLY FILTER INTO THE SURROUNDING EARTH, CREATING UNIQUE MIXURE OF HIGHLY ALKALINE ROCK. THIS ALKALINE SOIL IS UNIQUE FOR A METHOD OF SHAPING SPACES BY HALOCLASTIC EROSION.

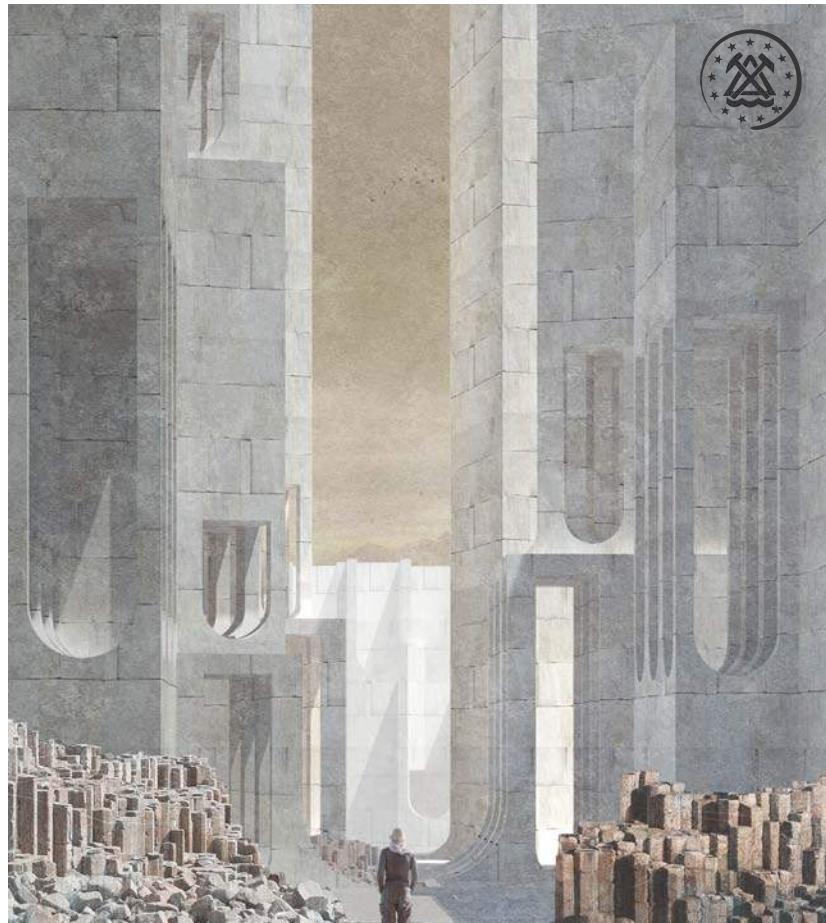
AS RAIN WATER, IS COLLECTED WITHIN THE SITE, AND MIXED WITH THE ALKALINE SOIL, A SALINE BRINE IS PRODUCED. THE EVAPORATION OF THIS SALINE SOLUTION CAUSES CRYSTALLIZATION. THE EXPANSION THAT HAPPENS DURING CRYSTALLIZATION WILL BEGIN TO ERODE THE LANDSCAPE. THIS PROCESS REFLECTS HOW THE REMNANTS OF THE SALT USED FOR NUCLEAR WASTE DISPOSAL, COULD AFFECT THE SURROUNDING EARTH AND REFLECT HOW WE AS HUMANS SHAPE OUR LANDSCAPE.



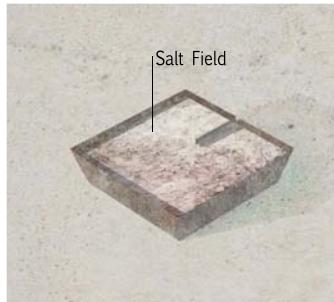
PERSONAL PROJECT
**NEW CARLSBAD
 SALT CAVERNS**
 NUCLEAR COMPETITION

THE PROCESS WILL TAKE TENS OF THOUSANDS OF CYCLES OF HALOCLASTIC EROSION. THE TIME REQUIRED FOR THE CAVERNS TO REACH A DEPTH WITHIN PROXIMITY TO ANY NUCLEAR WASTE WILL RENDER THE WASTE NON HAZARDOUS. DURING THIS PROCESS THE NUCLEAR WASTE WILL BE PROTECTED WITHIN THE DEPTHS OF THE CAVERNS, BENEATH THE SODIUM-RICH LAKE BRINE AND LAYERS OF ALKALINE ROCK.

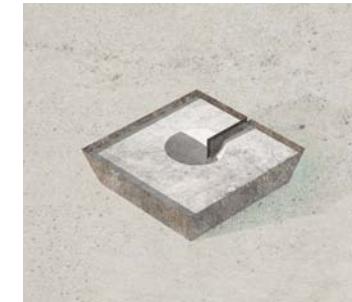
THE RESULTING LANDSCAPE IS ONE THAT IS CONTROLLED BY NATURAL FORCES, BUT INSTIGATED BY HUMAN INTERVENTION. THE INTERVENTION WILL BE INSTALLED AT NUCLEAR DISPOSAL SITES THROUGHOUT THE COUNTRY, WHERE THE SALT WILL REACT WITH THE UNIQUE SOIL PROPERTIES FOR EACH RESPECTIVE SITE, PRODUCING NEW GEOLOGICAL VARIETIES AND NEW LANDSCAPE FORMATIONS.



Salt Test Models



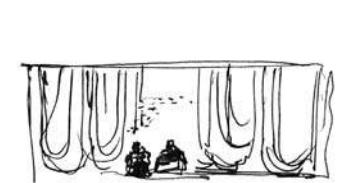
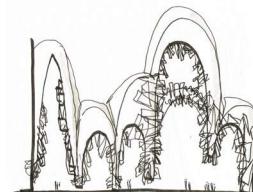
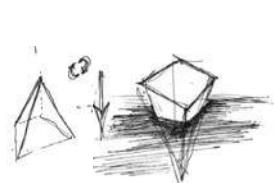
Crystalline Salt Formation:
 Post Saline Evaporation



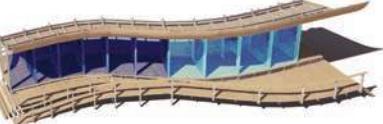
Haloclastic Erosion



Secondary Waste Disposal Site. New
 Geological Interactions and Formations



PERSONAL PROJECT
FRANKLIN PARK
TEMPORARY HOMELESS SHELTER



SPATIAL VARIATIONS

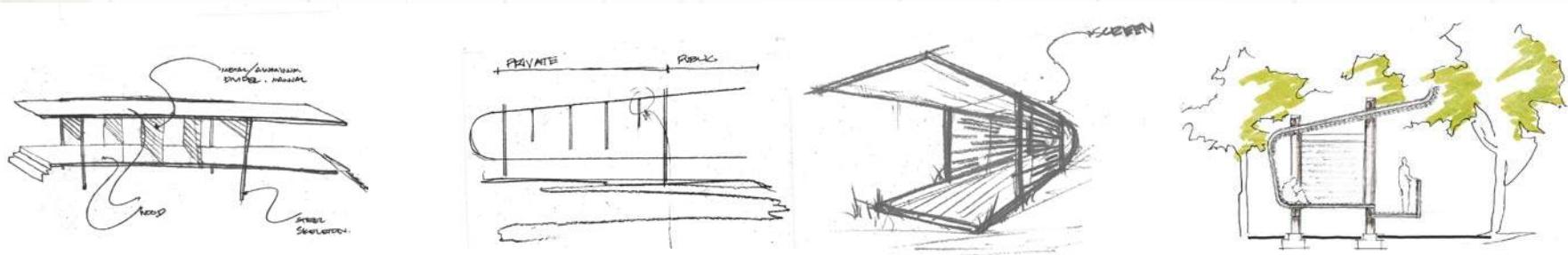
CIRCULATION

FRANKLIN PARK temporary homeless shelter MEDIUM pen, charcoal, marker PROGRAM autoCAD, google sketchup, 3DS max, photoshop

PERSONAL PROJECT
FRANKLIN PARK
TEMPORARY HOMELESS SHELTER



THE FORM AND MATERIALITY OF THE SHELTER ORIGINATE FROM AN ABSTRACTION OF THE COMMON PARK BENCH. THE FORM BECOMES A CAVE-LIKE SHELTER, PROTECTING USERS FROM THE ELEMENTS, WHILE REMAINING COMFORTING AND WARM.

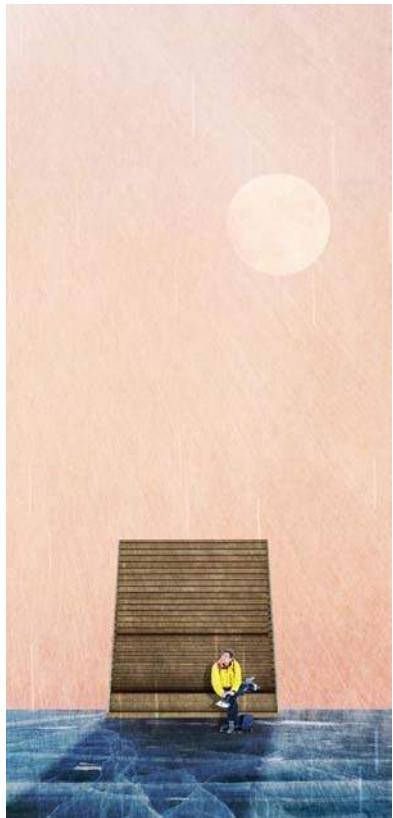


PERSONAL PROJECT
HUDDLED MASS
WARMING HUTS

THE HUDDLED MASSES IS A PLACE WHERE VISITORS MAY COME TO TAKE SHELTER AND OBSERVE THE AFFECT OF TIME AND WEATHER AND THE NATURAL ELEMENTS. IT IS AN EVENT WHERE THE THEATER IS THE FLURRIES OF SNOW ABOVE, OR THE CHANGE IN HUE OF THE SKY AS THE SUN SETS. AS DUSK APPROACHES, THE SOURCE OF LIGHT DISAPPEARS FROM THE SKY AS THE RIVER ICE UNDERNEATH THE HUDDLED MASSES BEGINS TO ILLUMINATE. LIT FROM BELOW, HUDDLED MASSES GIVES THE VISITOR AN OPPORTUNITY TO SEE THE CHANGING RIVER IN A NEW WAY. HERE THE RIVER, THE ELEMENTS, AND THE AFFECTS OF TIME, BECOME THE MAIN ATTRACTION.

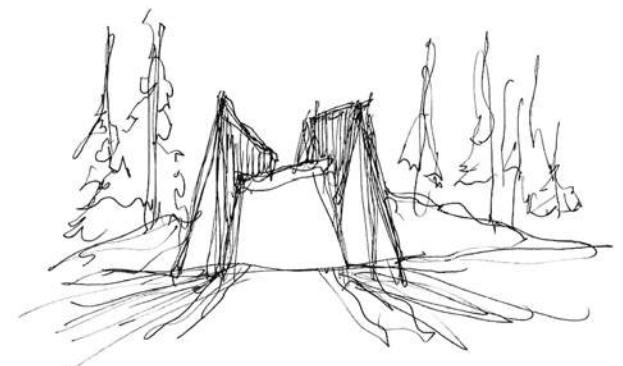


PERSONAL PROJECT
HUDDLED MASS
WARMING HUTS

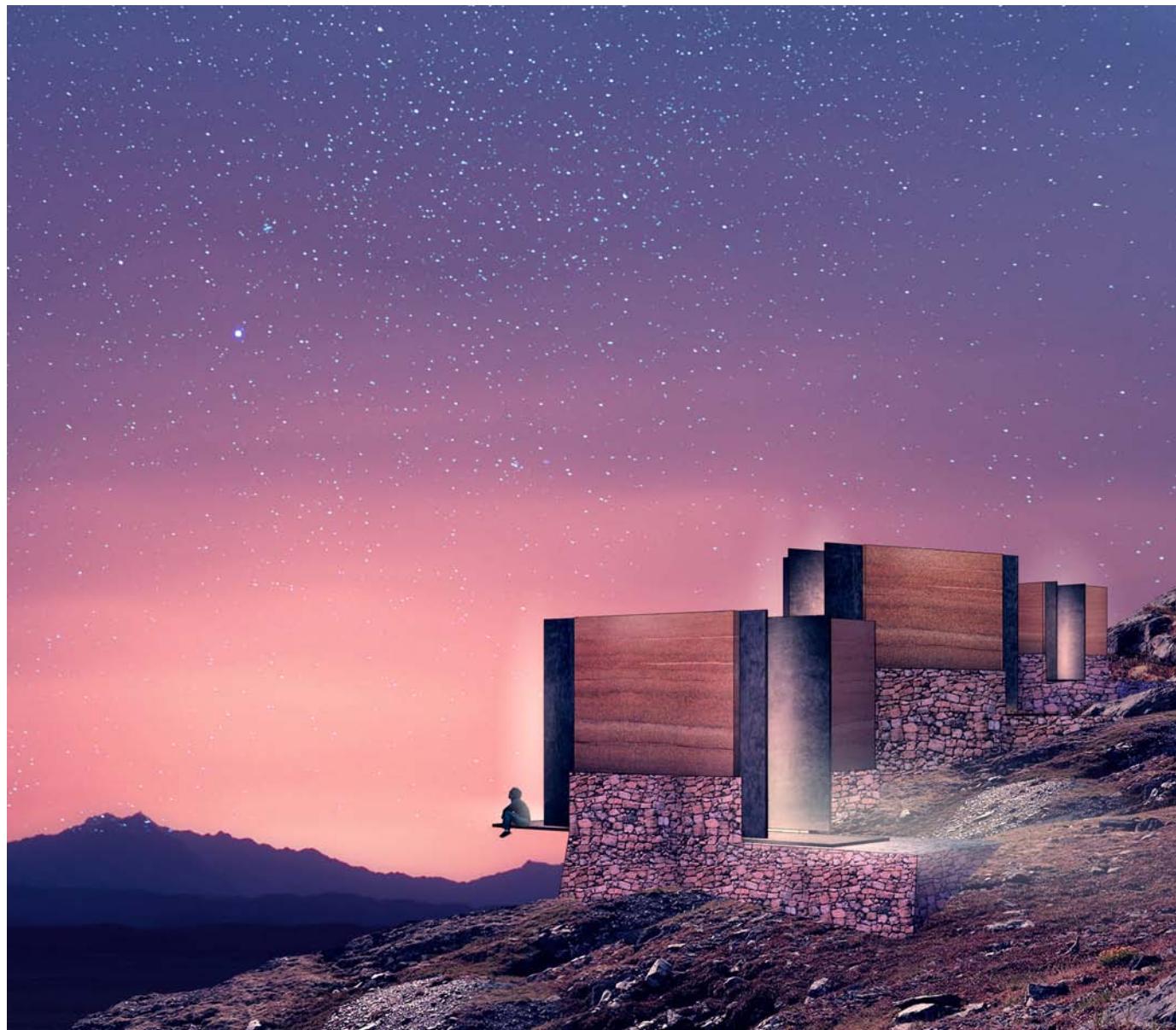


EACH HUT IS OF VARYING HEIGHT BETWEEN 10-15FT. THE SHELL IS A WHITE WASH, STAINED AND SEALED PLYWOOD. THE INTERIOR IS TO BE WOOD SLATS WITH A WARM TONE. THIS PROPOSAL WILL ALSO USE A HIGH POWERED UNDERWATER LIGHT. THE LIGHT IS TO BE INSERTED THROUGH A HOLE IN THE ICE, AND POWERED BY A NEARBY SOLAR PANEL. THE SOLAR PANEL MAY BE USED TO POWER ADDITIONAL LIGHTING IF REQUIRED. THE SITE WILL NEED TO BE CLEARED AND SMOOTHED TO ALLOW FOR THE GREATEST AMOUNT OF LIGHT PENETRATION.

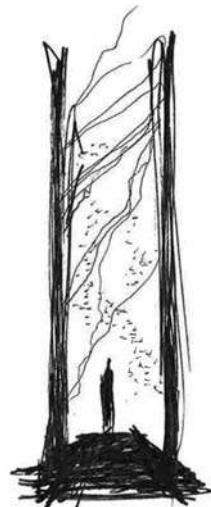
EACH HUT IS TO BE CONSTRUCTED ON AN INDIVIDUAL SKID FOR EASE OF PLACEMENT AND REMOVAL FROM THE SITE. THE FORM IS PRIMITIVE, AND REFERENCES OLD ICE FISHING HUTS AS A SOCIAL GATHERING. THE HUTS ARE TO BE PLACED, OR HUDDLED, IN A CIRCULAR FORMATION AROUND A CENTRAL FOCAL POINT. THIS WILL HELP PROTECT THE VISITORS FROM THE ELEMENTS AND DIRECT THEIR ATTENTION TO A FOCAL POINT. FROM HERE THE VISITOR WILL BE ABLE TO SIT AND OBSERVE THE WEATHER ABOVE, AND ELEMENTS AROUND THEM WHETHER IT BE THE SNOW FALLING ABOVE, THE CHANGES IN COLOR OF THE SKY, OR THE ILLUMINATING ICE. THIS AREA PROVIDES THE VISITOR WITH A PEACEFUL PLACE TO REFLECT UPON HOW WEATHER AND THE NATURAL ELEMENTS CHANGE WITH TIME.



PERSONAL PROJECT
INTERSTITIAL
OBSERVATION HOUSES



THE PURPOSE OF THE OBSERVATION CABINS IS TO ELEVATE AND INVITE THE VISITORS TO OBSERVE AND REFLECT UPON THEIR RELATIONSHIP TO THE EARTH AND THE SKY AND TO USE THE VIEWS OF NATURE AS A UTILITY OF PERSPECTIVE. THE VISITORS STAY IN A VARIETY OF CABINS TO ACCOMMODATE THEIR NEEDS. EACH CABIN IS ALIGNED FOR A UNIQUE VIEW OF THE ADJACENT CASTLE, THE LOCAL LANDSCAPE, AND THE STARS OVERHEAD. THE ACCOMMODATIONS ARE COMPOSED OF ENCLOSED PROGRAM AREAS FOR THE PURPOSE OF QUIET REPOSE AND REFLECTION. THESE ELEMENTS MAKE UP THE MASS OF THE OBSERVATION CABIN. THE SPACES ARE MADE OF ROCK, RAMMED EARTHEN WALLS, AND CONCRETE, ASKING THE VISITOR TO REST AND CONNECT WITH THE EARTH. THE AXIAL CIRCULATION CORRIDOR WHICH CONNECTS THE ELEMENTS OF REPOSE IS A DRAMATIC VOLUME EXPOSED TO THE SKY, AND BECKONS THE VISITOR FORWARD TOWARDS THE HORIZON.



PERSONAL PROJECT
INTERSTITIAL
OBSERVATION HOUSES



THE INQUISITIVE VISITOR BECOMES IMMERSED IN THEIR ENVIRONMENT AND THEN DRAWN OUTWARDS TO THE MYSTERY OF THE SKY. THIS INTERSTITIAL SPACE ENVELOPES THE VISITOR IN DARK METAL TO CONNECT THE VISITOR TO A MATERIAL EVOKING THE VASTNESS OF SPACE. EACH CABIN PROVIDES UNIQUE PRIVATE AREAS OF EXPOSED OBSERVATION AND SECLUDED REFLECTION. THIS DUALITY IS CONTRASTED BY THE INSERTION OF THE INTERSTITIAL SPACE.

PUBLIC SPACE WITHIN THE GROUNDS OF EXISTING CASTLE PROVIDE A CHANCE FOR VISITORS TO CONNECT TO THE LOCAL HISTORY AND ENGAGE AT SOCIAL EVENTS. THE AMENITIES PROVIDED INCLUDE BOOKSTORE, FOOD AND BEVERAGE SERVICE, RESOURCES FOR CELESTIAL OBSERVATION, AND MEETING AREAS FOR GUIDED OBSERVATION. DEMOLITION.



PERSONAL PROJECTS
ART & SCULPTURE

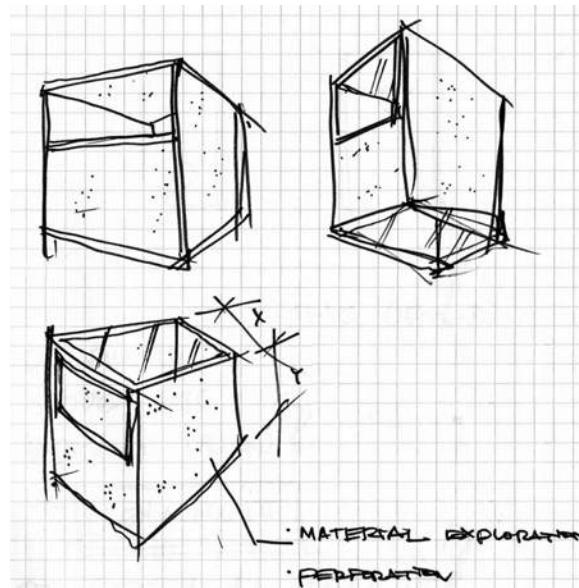
PERSONAL PROJECT
FIELD SKETCHES
ART & SCULPTURE

THIS METHOD OF SKETCHING IS USED TO RECORD INSPIRING ARCHITECTURAL MOMENTS WHILE EXPLORING NEW YORK CITY. THE SKETCHES ARE LIMITED TO TEN MINUTES SO THAT THE PEN STROKES ARE QUICK AND SUGGESTIVE IN AN ATTEMPT TO REPRESENT THE FEELING OF THAT PLACE IN TIME.

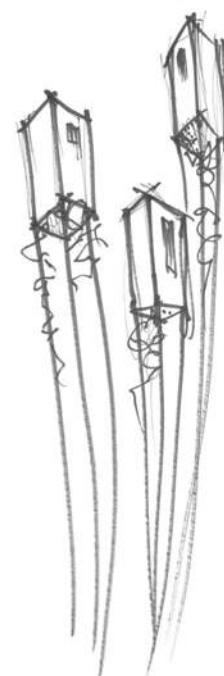


FLAT IRON BUILDING AND WTC sketches # 1, 2 YEAR summer 2015 MEDIUM pen

PERSONAL PROJECT
BIRDHOUSE
ART & SCULPTURE



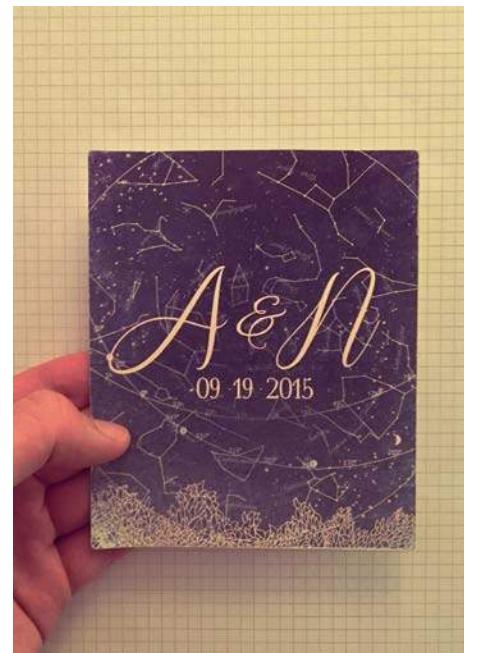
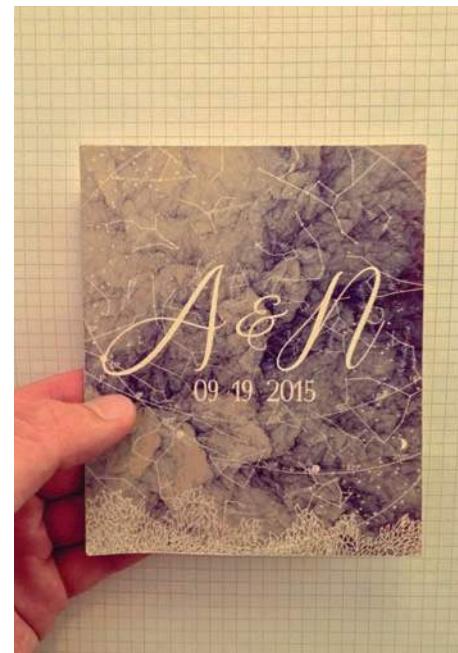
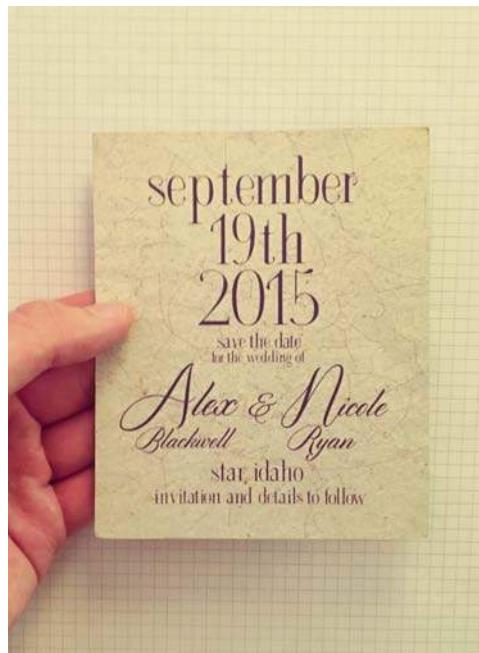
THIS PROJECT EXPLORES EXAGGERATION OF FORM. THE DIMENSIONS ORIGINATE FROM THE DESIRED BIRD HOUSE SIZE OF THE BLACK CAPPED CHICKADEE, TOWERING 11FT ABOVE THE GROUND. THE PIECE WAS MEANT TO CONCEPTUALLY RELATE TO THE IDEA THAT WE USE TECHNOLOGY TO ESCAPE FROM POOR CONDITIONS ON THE GROUND, WITHOUT REALLY ADDRESSING WHAT IS CAUSE OF THE PROBLEMS.



MEDIUM welded steel YEAR fall 2012

PERSONAL PROJECT
BLACKWELL RYAN WEDDING
GRAPHICS

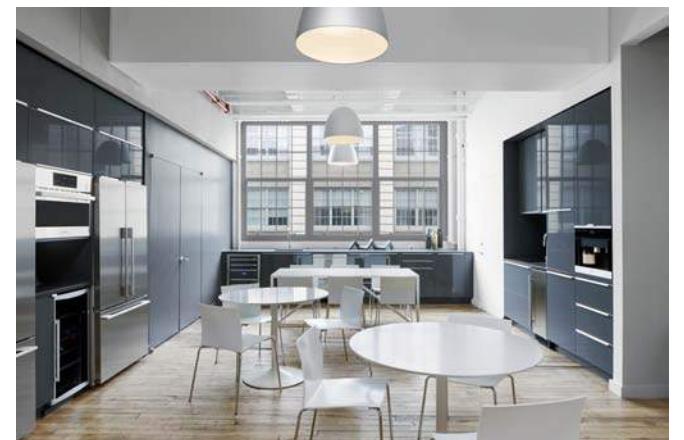
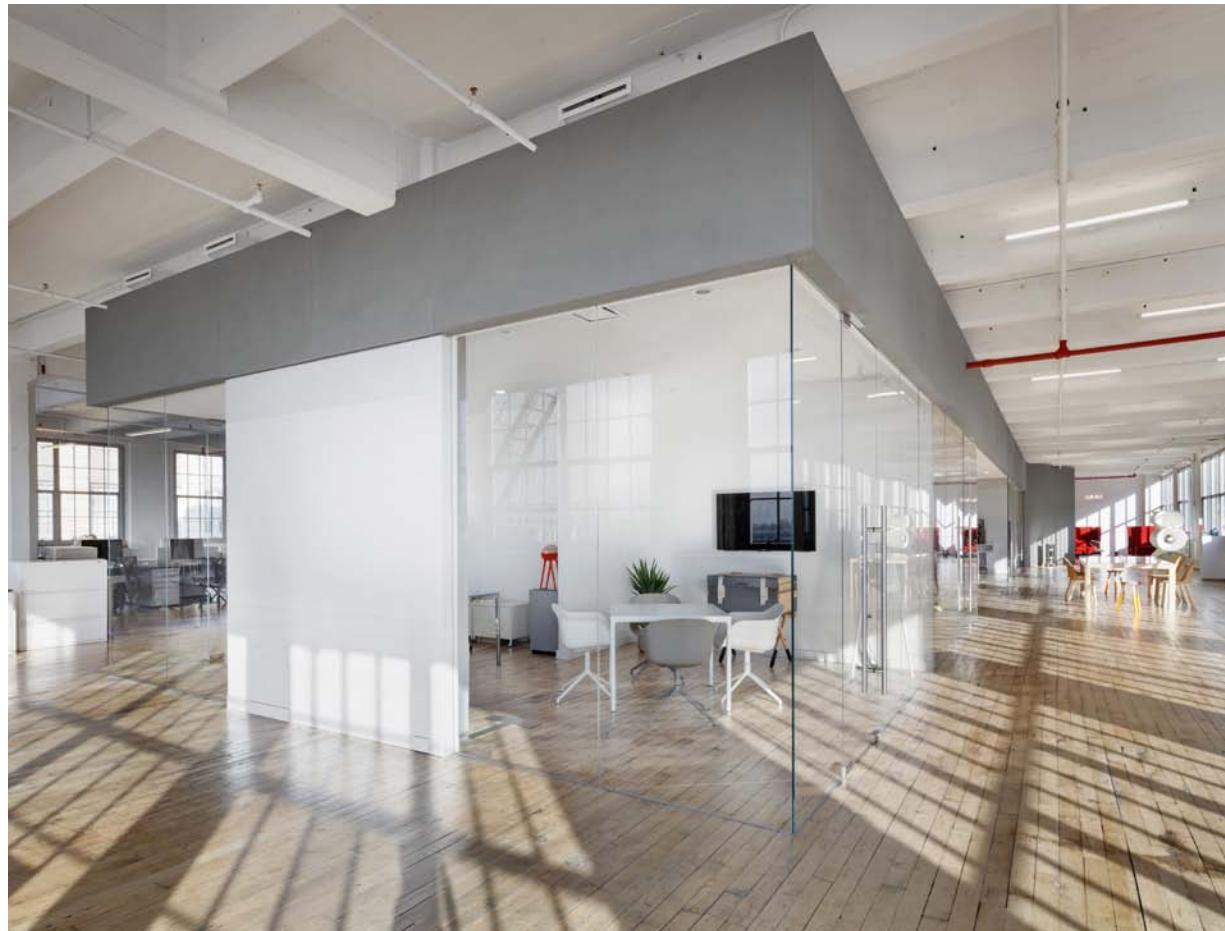
THE BACKGROUND OF THE SAVE THE DATES IS SUPERIMPOSED WITH THE STAR MAP OF THE NIGHT WHICH THE COUPLE WERE MARRIED. THE OTHER GRAPHICS WERE TO REFERENCE THE BOUQUET OF SUCCULENTS WHICH WERE USED THROUGHOUT THE WEDDING. IN A SOFT ETHEREAL TONE. THE TYPOGRAPHY WAS INTENDED TO BE ROMANTIC YET SOPHISTICATED.



PROFESSIONAL PROJECTS
ARCHITECTURE

PROFESSIONAL PROJECT
RAISON PURE
BURO KORAY DUMAN

THIS NEW OFFICE AND STUDIO OF A BRANDING AND DESIGN COMPANY CONSOLIDATES PROGRAM IN A CENTRAL BAR WITH FLEXIBLE DISPLAY SPACES AT THE PERIPHERY. MY ROLE IN THE PROJECT INCLUDED CREATING A DESIGN CONCEPT FOR THE CLIENT, THEN MOVING FORWARD THROUGH DESIGN DEVELOPMENT, CREATING DETAILED CONSTRUCTION DOCUMENTS AND ATTENDING CONSTRUCTION MEETINGS.



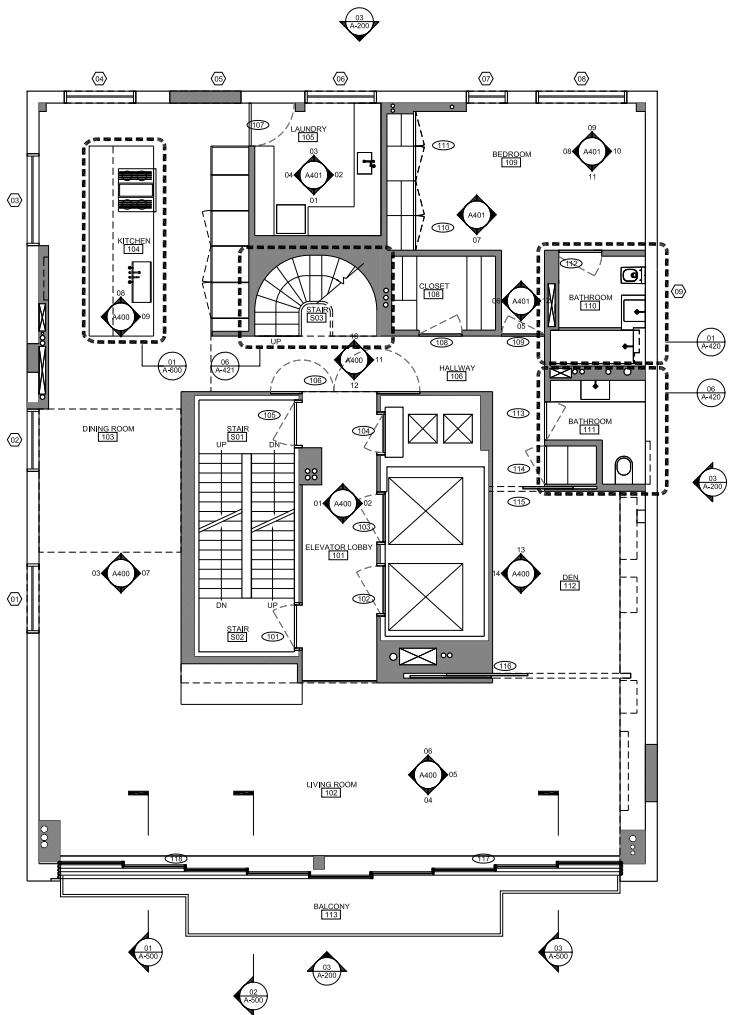
PROFESSIONAL PROJECT
ON STELLAR RAYS
BURO KORAY DUMAN

THE GALLERY ON STELLAR RAYS ASKED BURO TO CREATE A NEW STREETFRONT SPACE FOR THEIR GALLERY. MY ROLE IN THE DESIGN TEAM WAS TO CREATE CONSTRUCTION DOCUMENTS, SPECIFY MATERIALS AND FINISHES, COORDINATE WITH THE CLIENT AND CONTRACTOR AND ACT AS PROJECT MANAGER DURING CONSTRUCTION ADMINISTRATION.



PROFESSIONAL PROJECT
1045 5TH AVE
BURO KORAY DUMAN

THESE CONCEPTUAL RENDERINGS DEPICT THE DESIGN FOR A PENTHOUSE RENOVATION IN NEW YORK CITY. MY ROLE IN THE DESIGN TEAM CONSISTED OF CREATING SEVERAL DESIGN CONCEPTS, SELECTING MATERIALS AND FINISHES, AND OVERSEEING THE PROJECT DURING DEMOLITION.



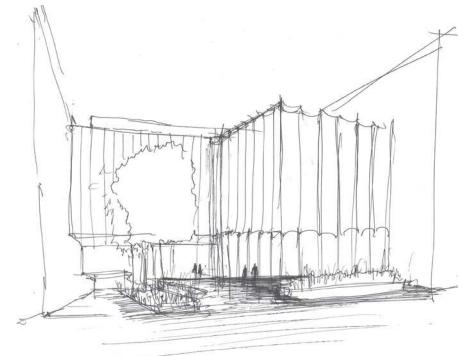
PROFESSIONAL PROJECT
PORTLAND ART MUSEUM
HENNEBERY EDDY ARCHITECTS



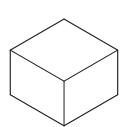
THE PLAN PORTLAND ART MUSEUM IS TO EXPAND AND RENOVATE THE EXISTING GALLERIES WHILE PROVIDING A UNIVERSAL DESIGN EXPERIENCE FOR VISITORS AND A STATE OF THE ART FACILITY FOR HOUSING AND DISPLAYING ART.

THE CHALLENGE OF THIS PROJECT LIES IN CREATING A BRIDGE BETWEEN THE TWO EXISTING CAMPUS BUILDINGS, WHICH DUE TO THEIR MASONRY FACADES ARE IMPENETRABLE AND PRIVATE. THIS BRIDGE, THROUGH THE USE OF TRANSPARENCY, CELEBRATES THE OPPORTUNITY TO INTERACT WITH THE PUBLIC AS ART CAN BE DISPLAYED VISIBLY AND BY CREATING UNIQUE SPACES OF SOCIAL INTERACTION.

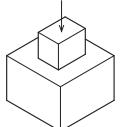
MY ROLES IN THIS PROJECT WERE TO WORK WITH AN ENVELOPE CONSULTANT TO DESIGN AND DOCUMENT THE FAÇADE, FROM OVERALL SPECIFICATION OF MATERIALS TO DETAILING.



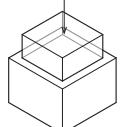
PROFESSIONAL PROJECT
PAM - CAFE AND GIFTSHOP
HENNEBERY EDDY ARCHITECTS



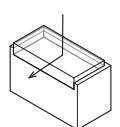
VOLUME



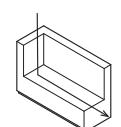
PLINTH



VITRINE



JEWERY CASE



SEATING

THE CONCEPT OF THE ART MUSEUM CAFE AND GIFTSHOP WAS TO CREATE AN EXTENSION OF THE GALLERY SPACE THROUGH THESE NEW AND DISSIMILAR FUNCTIONS. THE FORMAL LANGUAGE OF THE GALLERY PEDESTAL IS MANIPULATED TO SERVE MULTIPLE FUNCTIONS AS MERCHANDISE DISPLAY, VISITOR SEATING, BAR AND CAFE TABLE.



PROFESSIONAL PROJECT
933 STATE
ERSTAD ARCHITECTS

ERSTAD ARCHITECTS WAS ASKED TO CREATE A NEW COMMERCIAL OFFICE BUILDING IN EAGLE, IDAHO. THE DESIGN OF THIS BUILDING IS INFLUENCED BY THE PRAIRIE SCHOOL STYLE, AS WAS REQUIRED BY LOCAL JURISDICTION ZONING DESIGN GUIDELINES REQUIRED, THROUGH THE USE OF SWEEPING HORIZONTAL ROOF LINES, AND WITH THE HUMAN SCALE MATERIALITY OF BRICK, BOARD FORMED CONCRETE AND WOOD.

MY ROLE AS PROJECT ARCHITECT WAS TO OVERSEE DESIGN, COORDINATE WITH CONSULTANTS, MANAGE THE DOCUMENTATION, PERMITTING AND OVERSEE CONSTRUCTION ADMINISTRATION.



PROFESSIONAL PROJECT
BARBER STATION RESTAURANT
ERSTAD ARCHITECTS

BLACKENED WOOD AND STEEL MAKE REFERENCES THE USE OF FIRE AS PART OF THE FOOD PREPARATION PROCESS FOR THIS RESTAURANT. AND WHILE THE COLOR PALLET IS SIMPLIFIED, THE INTENTION WAS TO USE A VARYING AMOUNT OF TEXTURES TO CREATE A SENSE OF TIME.



PROFESSIONAL PROJECT
CANYON CREST TOWNHOMES
ERSTAD ARCHITECTS



CANYON CREST TOWNHOMES ARE LOCATED ON THE RIM OF THE SNAKE RIVER CANYON IN IDAHO FALLS, IDAHO. THE DESIGN CONCEPT WAS TO USE A STRIPPED VERNACULAR GABLED FORM TO FRAME VIEWS TOWARDS THE CANYON.

MY ROLE AS PROJECT ARCHITECT WAS TO OVERSEE AND DIRECT DESIGN, MANAGE DRAWING SETS AND SCHEDULES, AND TO COORDINATE WITH CONSULTANTS.

