GRINDLINE
CONCRETE SKATEPARK DESIGN AND CONSTRUCTION

November 11, 2014

Aaron Palter
Committee Chairman
City of Tillamook
210 Laurel Avenue
Tillamook, OR 97141

REQUEST FOR PROPOSAL: PROFESSIONAL SERVICES TO DESIGN AND CONSTRUCT A BIKE AND SKATE PARK FOR THE CITY OF TILLAMOOK

Dear Mr. Palter,

Grindline Skateparks appreciates the opportunity to submit this Proposal to the City of Tillamook for Design-Build Services for the Skatepark in Lillian A. Goodspeed Park. We are a skatepark design-build firm exclusively engaged in the planning, design and construction of cast-in-place concrete skateparks. Grindline was founded in 1990, incorporated in Washington State on April 8, 2002, and has been a registered foreign corporation in the State of Oregon since October 10, 2002. From the beginning, Grindline has been evolving the science of skatepark design and construction, resulting in a redefinition of the sport. When it comes to skatepark specialists, our ability to translate the needs of a community into new landscapes of skateboard terrain is unrivaled by any other company in the world.

Grindline will lead the project as the Prime Consultant and Contractor. We have asked our associates at Mackay & Sposito to join our team to provide necessary professional engineering and landscape architecture services. Together, this team has combined internationally renowned skatepark design services with local licensed professional knowledge on multiple projects over the past 10 years.

At Grindline, we have always been inspired by a community wanting to bring a skatepark to their residents and, in turn, we feel it is our responsibility to use our talents and resources to make that happen. Within our submission you will find information about our team, previous project experience and our design methodology. Collectively, we are enthusiastic about this project and the prospect of delivering a skatepark that will serve as an active recreation destination for the youth and families of the Tillamook community.

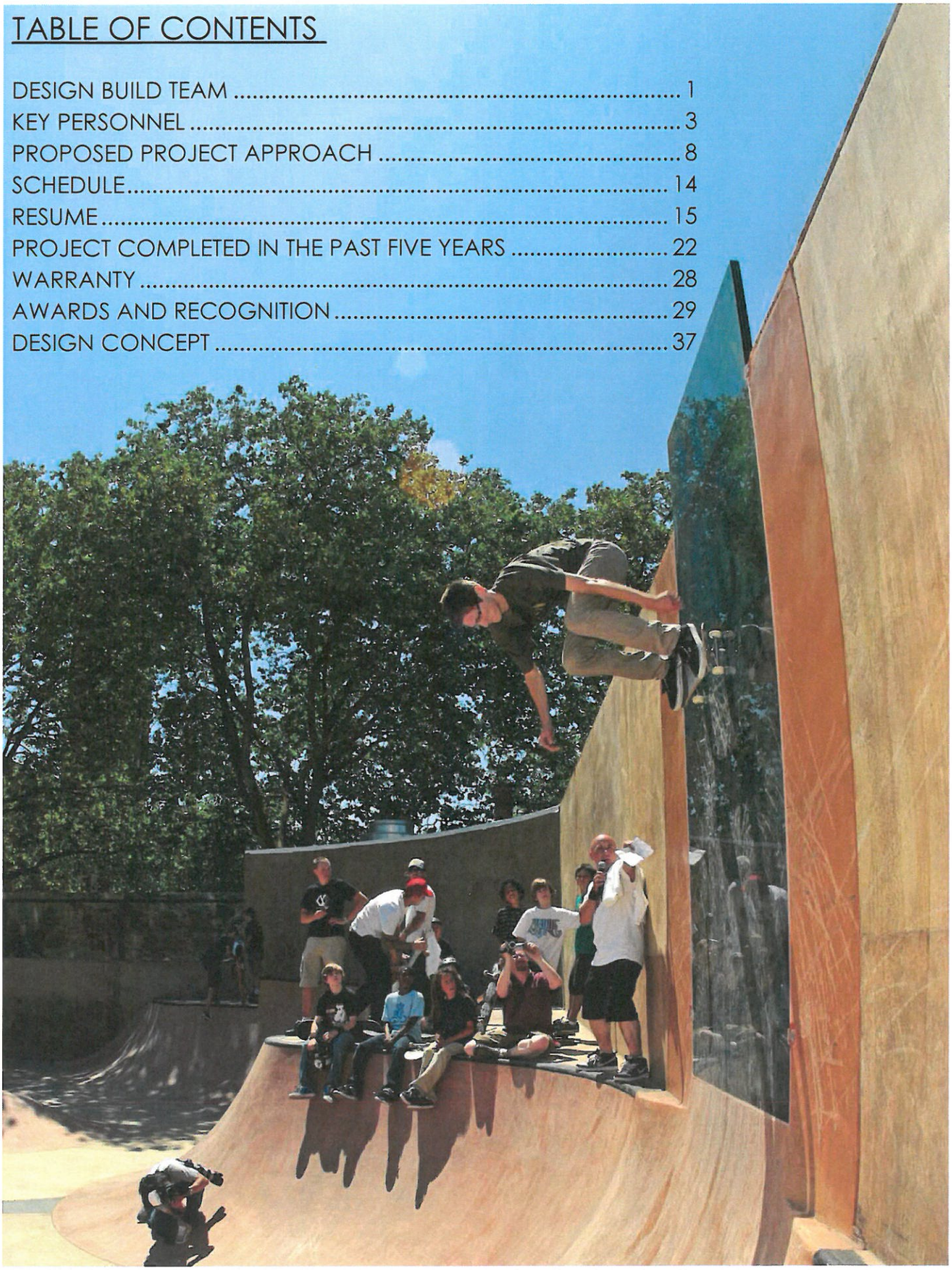
We have received and acknowledge all addendum.

Kind Regards,

Matt Fluegge
Vice President
Grindline Skateparks
matt@grindline.com

TABLE OF CONTENTS

DESIGN BUILD TEAM 1
KEY PERSONNEL 3
PROPOSED PROJECT APPROACH 8
SCHEDULE 14
RESUME 15
PROJECT COMPLETED IN THE PAST FIVE YEARS 22
WARRANTY 28
AWARDS AND RECOGNITION 29
DESIGN CONCEPT 37



FIRM BACKGROUND

GRINDLINE SKATEPARKS, INC

Incorporated 2002: S-Corporation. 4619 14th Ave SW, Seattle WA 98106

Grindline Skateparks provides a bridge by connecting local youth who have a passion for skateboarding with the city's goal of bringing a safe, durable park, which also enhances the community it will serve. Grindline produces the most innovative, original skatepark designs out there today, building custom recreational experiences for skateboarders and residents alike. Grindline is skater-owned and operated. As life-long skateboarders, Grindline can translate the needs of local skaters into a skatepark design that works for them now and into the future. Our reputation is based on the close connection we have with skateboarders as we always put the enjoyment of the skateboarding experience first. Our parks range in size from the largest skatepark in North America all the way down to a single skate obstacle – and regardless of square footage, skaters are riding our parks from dawn to dusk.

Our team will exceed the City's objectives for this project because we are:

- Experienced in design and construction of all types of skate terrain, whether a street plaza, a bowl complex or a hybrid-park with both transitional and street features. Our diverse resume includes over 250 projects to date.

- Pioneers of unique skate experiences. Whether it is for a professional skate competition or a beginners' skate camp, we create designs for the enjoyment of the full spectrum of skate enthusiasts.

- We are not only skatepark designers, but skatepark builders specializing exclusively in custom, cast-in-place concrete construction. Our vast experience of over 200 skatepark construction projects provides us with intimate knowledge of construction costs as they relate to intricate designs. This allows us to provide more accurate and predictable cost estimates.

Grindline Skateparks
For Skateboarders, By Skateboarders

Paine's Park, Philadelphia, PA

Grindline will serve as the Prime Design Consultant & Contractor on this project and assign our senior principals to manage all deliverables of the project throughout its lifespan. As global skate park design/ builders, we consider any project in the Pacific Northwest to be a "hometown project" and will treat it with the utmost priority. Currently Grindline is comprised of an office staff of 6 (designers, design associates, project managers & clerical personnel) and a specialty construction team of 40 employees. We will call on the following associates to complete the required scope for the project. This veteran team as collaborated on design and construction on projects since 2005 - longer than any other team in the industry.

Micah Shapiro, Grindline's Lead Designer, is the primary contact concerning the proposal.
4619 14th Ave SW, Seattle WA 98106. (206) 932-6414.

MACKAY & SPOSITO

1325 SE Tech Center Drive, Suite 140, Vancouver, WA 98683

MacKay & Sposito will provide all Civil Engineering and Landscape Architecture services needed for the skate park project. Over the past 10 years Grindline and MacKay & Sposito have worked successfully on multiple skatepark projects including the nearby Battleground, Oregon and Vancouver, Washington Skate-BMX Parks.

Mackay & Sposito is a team of innovative, creative problem-solvers. They recognize that every client, and every project, is different. They take the time to understand clients' needs and expectations, then carefully pair them with a capable internal team they will enjoy working with throughout the project. That team has full access to all the skills in our corporate toolbox – and we love finding creative ways to apply our expertise to solving your project's challenges.

But they are more than an array of technical disciplines and skills. They are builders of lasting, good relationships and makers of strong communities. M&S perceives our clients as human beings, not projects. They understand public agencies and collaborate with Grindline Skateparks on a continual basis. M&S knows that the design build contractor can use our experience to support the skate park engineering and site design and the knowledge our team brings to each project is unmatched. It is our responsibility to ensure your design build projects get the engineering and amenities that you and the community desire.

Individual Assigned to Project: Bryan Cole, ASLA, CLARB, PLA (509) 619 7092

Spring Park, Houston, TX

PROPOSED DESIGN-BUILD TEAM MEMBERS

Grindline has assembled a highly-skilled, professional Design-Build team to deliver the requested scope for this project. Matt Fluegge, Micah Shapiro and Dave Palmer have been developing design and construction projects together since 2005. Thus, the longest standing core team in the industry. Grindline and Mackay & Sposito collaborated on over 15 skateparks across Oregon, Washington and Idaho. Grindline and Mackay & Sposito are currently working together on two new Skate/BMX Parks - one in Issaquah and one in Monroe, Washington. The Key Individuals listed below will not be substituted or reassigned without City's approval.

MATT FLUEGGE, PRINCIPAL, PROJECT MANAGER – GRINDLINE SKATEPARKS

As Grindline's Chief Operations Officer, Matt oversees all of Grindline's design and construction projects and will act as the Project Manager devoting 6 hours (15%) during design and 12 hours (30%) during construction per week to this project. He develops project scope and budgets, generates accurate cost estimates, oversees preparation of project documents, communicaties with clients, and manages site scope. Matt has 11 years of interdisciplinary experience from leading design teams and working with architects, engineers, surveyors, and artists at Grindline. Matt reviews and approves all project deliverables, attends site meetings, handles changes in the scope of contracts and gets final acceptance of the projects. Matt's a life-long skater with years of field experience in concrete and seasoned in managing skatepark design and construction projects having produced bid documents and successfully completing millions of dollars worth of public works projects for Grindline.

MICAH SHAPIRO, LEAD DESIGNER - GRINDLINE SKATEPARKS

Micah Shapiro will serve as the community liaison and lead designer for this project, devoting an average of 20 man hours (50%) per week to this project. He has served as the lead designer for the past 9 years on over 200 Grindline projects and is well versed in the intricacies of working on a project of this type and scale. Mr. Shapiro has extensive experience in coordinating community input as well as balancing the needs of different user groups in order to provide a facility designed to accommodate all ages and abilities. His responsibilities include managing the community meetings for the project, coordination between the members of the design team and the client, and design of the skatepark elements.

DAVID PALMER, CONSTRUCTION FOREMAN, – GRINDLINE SKATEPARKS

As one of the founders of Grindline Skateparks and a long time Oregon resident, Dave has a personal stake in every skatepark we complete. Dave will be involved from beginning to end of the project, including the public outreach process with Mr. Shapiro. Dave will also collaborate with Mr. Shapiro during the conceptual design phase of the project, providing creative ideas and reviewing designs for value engineering. During construction, Dave will be the Field Superintendant for the skatepark dedicating 40 hours per week (100% of his time) to coordinating our employees and local subcontractors. Dave's skateboard knowledge combined with his 20+ years of concrete construction experience allows him to offer value engineering recommendations which translate into a superior skate experience for the end user.

BRYAN COLE - RLA, ASLA, CLARB, LANDSCAPE ARCHITECT - MACKAY & SPOSITO

As the team's Landscape Architect Bryan will work with Grindline in the integration of the skate park into the existing park facility. His role will be to assist the skate park designers during the design process reviewing circulation, public safety, incorporation of art, ADA compliance, and providing landscape planting and irrigation design. Bryan has worked closely with Grindline on multiple skate facilities over the last 8 years ranging from the development of new parks with skate/BMX facilities to the integration of skate parks into existing parklands. He is dedicated to the success of this project and has a positive previous working relationship with the City. Bryan brings to M&S over 18 years experience including park master planning, planting and irrigation design, with public agencies in the development of park and recreation facilities, trails, site detailing and development, and environmental restoration projects.

MATT FLUEGGE

Principal, Chief Operations Officer

GRINDLINE
CONCRETE SKATEPARK DESIGN & CONSTRUCTION

Education:

Bachelor of Landscape Architecture, Washington State University
Post Graduate Project Management Program, University of Washington;

Professional Experience:

2003 - Present: Principal Project Manager - Design, Grindline Skateparks

2003 - Present: Principal Project Manager - Build, Grindline Skateparks

Qualifying Party for State Contractor's License in ID, OR, CA, AZ, HI, NM, WV, FL, NC, SC, LA, MS, MT, WA, VA

Jamail Skatepark

Judkins Park Skatepark

Key Projects:

Kiwanis Skatepark, Lewiston, ID - As Principal Project Manager for the Design and Construction of the 14,000 sq. ft. Lewiston Skatepark, Matt was responsible for managing the design team as well as working closely with the City to maximize project funding. Through the use of labor performed by City personnel and local, in-kind, material donations, Matt was able to maximize the project construction budget and overall skatepark footprint. Matt continued this coordination throughout the construction phase by orchestrating sequencing between the Grindline crew, City of Lewiston work crews, subcontractors, and material suppliers. In the end, the City of Lewiston was able to add an additional bowl due to the value engineering led by Grindline. The addition was easily implemented as it was considered during the design phase and included in the construction documents as an add alternate.

Lee and Joe Jamail Skatepark, Houston, TX - Mr. Fluegge served as the Principal Project Manager for Design and Construction. Tasks included coordination with multiple disciplines of the design team, landscape architects, civil and structural engineers, In house management of conceptual design and construction documents and preparation of preliminary and final cost estimates, development and implementation of solutions to resolve issues of budget constraints, underground utilities, unsuitable soil conditions, review and approval of final as-built drawings including drainage system and steel placement, and management of the $800,000 construction project through certificate of occupancy from City of Houston Building Department.

Judkins Park Skatepark, Seattle, WA - Matt Served as Principal Project Manager for both design and construction of the Judkins Skatepark project in Seattle WA. Mr. Fluegge worked with an in house Seattle Parks Landscape Archtiect and Project Manager throughout the design and construction to ensure a cohesive process throughout the entire project. This facility also consisted of further coordination between 4 public agencies: Seattle Parks & Recreation, Department of Planning and Development, Seattle Department of transportation, and Washington State Department of Transportation. The final design implemented strict on-site drainage infiltration requirements while playing off of the "Mountains to Sound" theme of the adjacent I-90 Freeway corridor. The park and surrounding landscape included features inspired by the nearby Cascade Mountains, the I-90 interstate tunnel which is the gateway into Seattle from the east, and Puget Sound.

Kiwanis Park Skatepark

MICAH SHAPIRO
Principal, Lead Designer

GRINDLINE
CONCRETE SKATEPARK DESIGN & CONSTRUCTION

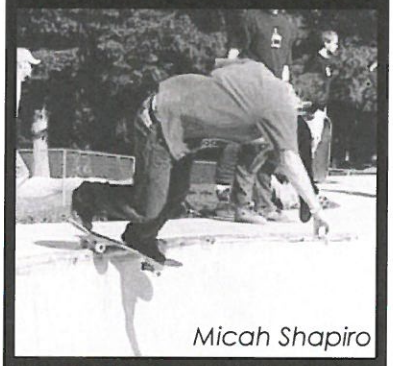
Education:

Associate of Arts, Green River Community College
AutoCad, Rhino, Microsoft Project, Project Management

Professional Experience:

2005 - Present: Lead Designer, Grindline Skateparks

2005 - Present: Community Liasion, Grindline Skateparks


Micah Shapiro

Spring Park Skatepark

Skatepark Philosophy: Skateboarders themselves inspire the design that provides the outlet to develop their skills and talents.

Key Projects:

Steel Bridge Skatepark, Portland, OR - Mr. Shapiro served as the Skatepark Designer on a multi-discplinary team tasked with a development plan for the Steel Bridge Skatepark in Portland, OR. The goal of this project was to create a unique urban landscape, able to serve as both a regional attractor and more community-based gathering space which accommodates both skaters and non-skating observers. Responsibilities included integrating the flow of the street skating and transitional bowls into the site's existing topography of buttresses and swales, coordination with the rest of the design team, and presenting information to the stakeholder groups involved in the project. The result is a true urban downtown park, primarily focused on integration of components and creating a safe, aesthetically pleasing and sustainable hybrid of architecture, landscape, infrastructure, and public art.

Spring Park, Houston, TX - Mr. Shapiro served as the Lead Designer for this project, which is the largest skatepark in North America. With 78,000 sq ft of skateable concrete, expectations were high for this project. There was also large turnout at the community meetings with differences of opinions with regards to the skateable elements that should be in the park. Through thoughtful facilitation of the public input process and careful design, Mr. Shapiro was able to find consensus among end users to come up with a design that met the bar that a project of this nature required.

Jefferson Skatepark, Seattle, WA - The selected site for the Jefferson Skatepark was constrained on all side by existing park elements and require careful attention to grading and avoidance of underground utilities to integrate the skatepark with it's surroundings. As the Project Manager and Lead Designer on this project, Mr. Shapiro was able to find consensus among end users to come up with a design that fit the park within these constraints, while maintaining a design that the stakeholders requested. During construction, Mr. Shapiro conducted a pre-construction meeting and numerous site visits to supervise construction as well as providing clarification on RFI's to ensure the success of the park.

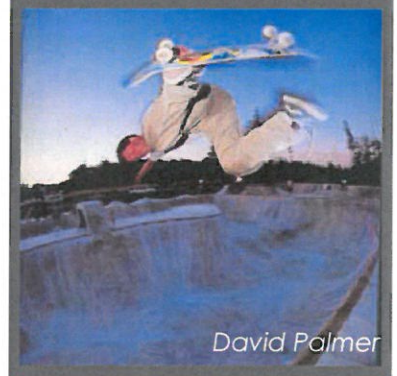
Jefferson Skatepark

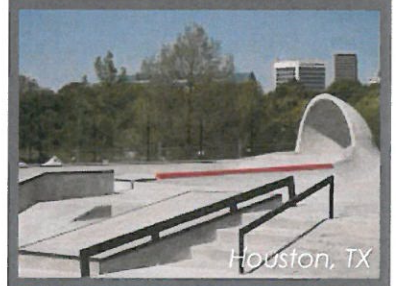
Jefferson Skatepark

DAVID PALMER
Owner, Field Superintendant

GRINDLINE
CONCRETE SKATEPARK DESIGN & CONSTRUCTION

Experience:
8 years as a professional skateboarder
20+ years concrete skatepark construction.
Founder of Grindline in 2002
Foreman on over 50 Grindline skateparks


David Palmer


Houston, TX

Seattle Center

Spring Park

Born and raised in Phoenix, Dave began riding skateboards at a young age which eventually led to a 8 year career as a professional skateboarder. In 1997 Dave switched gears and became involved in skatepark construction, and was a member of the construction team that constructed the Vans skateparks across the nation. Dave joined Rob Owen and Mark Hubbard to found Grindline Skateparks in 2002. Dave's strengths are his attention to detail and his ability to stay under budget and on schedule while coming up with creative ideas for skatepark elements. Dave has been the foreman on some of our highest profile projects such as the world class Jamail Skatepark in Houston, TX and the Seattle Center Skateplaza. Dave's skateboard knowledge combined with his 20+ years of concrete construction experience allows him to come up with field alternates which can translate into plan ideas that value engineer and further improve our designs.

Specific Project Experience

Jamail Skatepark, Houston, TX - Mr. Palmer served as the Foreman for the Lee and Joe Jamail Skatepark in downtown Houston in 2008. This 35,000 sq ft skatepark required coordination with the prime contractor and construction of a large world class faculty in an active existing park. There were large underground pipes running through the site that had to be avoided during construction. The site is located in a former bayou and has a highly fluctuating water table level. Dave met the challenge of constructing this skatepark into an environmentally sensitive location and finished the project on time and within budget in June 2008.

Seattle Center Skatepark, Seattle, WA - Mr. Palmer was the Foreman on the Seattle Center Plaza Skatepark, which was one of the most challenging skatepark projects ever constructed. The park was constructed on top of an existing basement which serves as the kitchen facilities for Key Arena, a large venue for sporting and music events in Seattle. These facilities had to remain open throughout the construction. Construction needed to be coordinated around the various events that are constantly going on at the surrounding venues. Because of weight limitations of the existing roof, all the fill for the park is shaped out of foam.

Spring Park Skatepark, Spring, TX - Dave Palmer recently completed the challenge of leading the construction of North America's largest public concrete skatepark, Dave formulated a plan to orchestrate two full crews working simultaneously on the project in order to pour the 2200 yards of concrete required to complete the project. One full crew to perform set up work, and another full crew chasing down the set up crew performing shotcrete & concrete. At peak times of the project Mr. Palmer managed over 20 field crew members, monitoring both performance and quality. With the project also consisting of multiple integral concrete colors, acid staining, and other artistic features, a strategic plan had to be developed for pour sequencing. Dave completed this massive project both on time, and on budget.

Bryan Cole, PLA, ASLA, CLARB VICE PRESIDENT, DESIGN

HOW WILL BRYAN HELP YOU?

Bryan Cole is a Shareholder at MacKay Sposito, responsible for managing the firm's Landscape Architecture and Planning departments. He has 20 years of experience in Landscape Architecture working on a variety of public and private projects. Bryan holds a Bachelor of Arts and Architecture from the University of Idaho and is a licensed Professional Landscape Architect.

As the Project Lead for MacKay Sposito, Bryan will work with the engineering designer to explore best management practices for stormwater into the design of the skate park. He has worked with Grindline Skate Parks over the last 10 years successfully integrating skate parks into new and exisiting parklands. During that time they have designed and constructed more than eight skate parks throughout Idaho, Oregon and Washington. The following projects exemplify a sample of Bryan's project experience and capabilities.

AT A GLANCE

- 20 Years Professional Landscape Architecture Experience
- Registered Landscape Architect: Idaho, Washington and Oregon
- Bachelor of Arts and Architecture from the University of Idaho
- Member of American Society of Landscape Architects
- Member of Council of Landscape Architecture Registration Board
- Member of Washington State Trails Coalition

KEY EXPERIENCE

Mt. Dew Skate Park, City of Lewiston, Idaho

JULY 2010 - MARCH 2011

The Kiwanis Skate Park project included the construction of a new 12,000 square foot skate park facility. The facility included ADA parking improvements, stormwater design, pathways, viewing and seating areas, a picnic shelter, drinking fountain and the use of native and drought tolerant plant materials. MacKay Sposito was the lead designer for the storm water system, ensuring ADA compliance, site grading and drainage, xeriscape plantings, and the design of a drip irrigation system for the project.

City of Kelso Rotary Skate Park, Kelso, Washington

FEBRUARY 2009 - SEPTEMBER 2009

The Rotary Skate Park project included the design and construction of a new 11,000 square foot skate park facility. MacKay Sposito services included Master Planning, Civil Engineering and Landscape Architecture Design, including storm water drainage, site grading, water improvements, plantings, and the relocation of a sewer line.

HMT Beginner Skate Park THPRD, Beaverton, OR

FEBRUARY 2008 - AUGUST 2009

The HMT Beginner Skate park included the construction of a new 8,000 square foot skate park facility. The facility included ADA access and viewing areas, pathways, and the use of drought tolerant plant materials. MacKay Sposito was the lead designer for the storm water system, ensuring ADA compliance, drafting the site grading and drainage systems, providing planting design, and the modifications to the existing irrigation system for the project.

MacKay Sposito

PROPOSED PROJECT APPROACH

Skatepark Philosophy & Approach to Projects

Our principal design philosophy is based on our recognition that every community and project site is unique - requiring a skatepark design tailored to its location. To do so, our approach is based on four fundamentals:

- Community Involvement & Public Participation
- Timeless Designs that appeal to all ages and skill levels
- Integration & Context
- Efficient Engineering, Sustainable Design and Budget Management

Project Understanding

It is our understanding the City desires a Design-Build firm to deliver a turnkey park for use by both skaters and BMX riders of all abilities levels. The majority of the terrain should be geared towards active users with an intermediate skill set but also have elements that appeal to beginners and active users with advanced expertise. The Preliminary Concept includes street-style and transitional elements and, while the type of terrain shall stay consistent, there is opportunity to alter the concept to enhance the end user experience, improve the flow of skate activity, and increase the "skateability" of the park. Areas adjacent to the park that will need to be addressed are options for screening from Palomar Street for safety concerns, incorporation of shade structures for active and passive viewing areas, and integration of the skatepark into park with established uses (playground, tennis courts, passive recreation). We recommend involving the community and collecting input on the final design. In doing so, stakeholders will have ownership and add to the success of the project. Please see our design concept at the end of this proposal.

Task 1. Pre Design

1.a Project Startup / Site Analysis

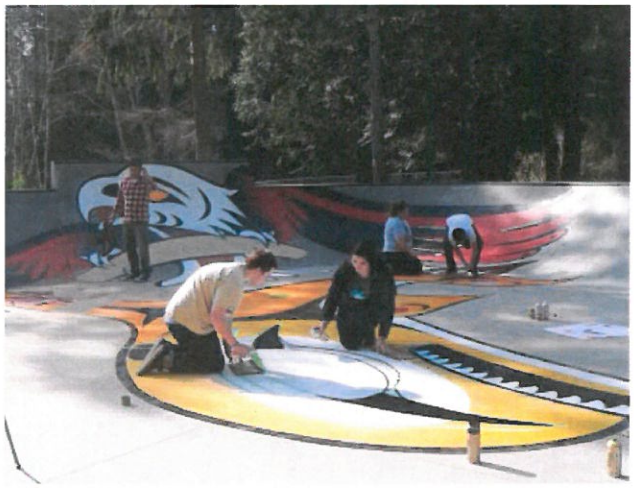
Our design-build process begins with a sequence of preliminary meetings to determine the specific goals, communications plan and expectations of the project. Collecting this information at the beginning of the process is essential to an efficient and creative design. Grindline's approach has a collaborative focus. We believe in order to determine what is the best direction for the Tillamook Skatepark, gathering input from stakeholders is key. These stakeholders include active and passive skatepark users, community members, City Staff, and any other relevant interest groups. The "Kick Off" meeting with the Client and Design-Build Team will be targeted to finalizing the project objectives including scope, schedule and budget. Our design team will review all existing information for the site and determine what additional site information is needed.

As part of this phase, the Design-Build Team would conduct a site visit to evaluate the site,discuss specific opportunities & constraints and develop a final design. Other items for discussion include:

- Review of Preliminary Concept and potential refinements
- Connections to adjacent uses and planned perimeter improvements
- Proper drainage and stormwater management
- Safety awareness and Crime Prevention Through Environmental Design standard principles
- Opportunities to add historic/thematic elements unique to the City of Tillamook or the local skateboarding community into the project. Grindline has been on the forefront of developing techniques to incorporate color, texture and skate-able art into its projects - improving the skatepark experience for its users as well as its surrounding community.

1b. Contextual Integration

Grindline is known for our creative design and our ability to come up with signature elements that reflect the context and character of the communities they being placed in. For the Port Gamble S'Klallam Skatepark, Grindline collaborated with the community to design the park around a traditional Orca graphic. At the end of construction, Native American artist Louie Gong worked with the local youth to design graphics that would complement the Orca concept. Together, they painted the skatepark, tying it in contextually with the community.



1c. Public Participation & Outreach

Our public meetings engage the community and park users in the design journey with a professional, organized and fun approach. We recommend 2 public input and review sessions to get input on refining the concept, establish open lines of communication and determine the ultimate vision for the skatepark.

Grindline will utilize the City's communication channels to notify the community of project milestones. The communication plan will primarily use social media, especially facebook, to help incorporate the diverse interests and cultures of the community. By "sharing" information, posting concepts, and collecting feedback on a facebook page created for the project, we will access our "reach" to promote involvement in the project.

In order to address community members' varied ideas and ideals about skatepark design, our working sessions are highly interactive. In addition to vetting important issues through meaningful discussion, we encourage other types 'hands on' involvement such as writing, sketching, and real time modeling of park ideas/elements alongside our team within the meetings. We work through milestones in a logical order and highlight common goals between stakeholder groups. Moreover, by addressing questions at the beginning of the project, we can correct any misconceptions that sometimes surround skateparks.

2.a Fundraising & In-Kind Donations

Grindline has worked with state funded projects, projects funded by private resources and a combination of both. We have structured budgets and contracts to encourage cash and in-kind donations from community supporters, local material suppliers and subcontractors. We take a proactive position on expanding the budget by conducting a community outreach process to solicit material and service donations to fund the entire design or multiple phases of the project in the initial schedule.

IN-KIND MATERIAL & SERVICE DONATION EXAMPLES

PROFESSIONAL SERVICES
- Soil borings & geotechnical report
- Topographic survey
- Landscape design

MATERIALS & EQUIPMENT
- Temporary construction fencing, toilet, dumpster
- Temporary power & water hook-up
- Skid-Steer, Mini-Excavator, Roller
- Structural fill material
- Base course
- Concrete supply
- Rebar
- Framing lumber
- Galvanized steel (edging, coping & grind rails)
- Drains, drain lines & irrigation lines
- Plants &sod
- Site amenities (signage, seating, trash receptacle .. water fountain, etc.)

LABOR
- Demo, clearing, grubbing & disposal
- Scarify and re-compact sub-grade (over-excavate if necessary)
- Import & place structural fi ll material
- Import & place base course
- Rough grading
- Concrete flatwork
- Saw cuts, cold joints & caulking
- Landscaping

Deliverables:

A summary report of information collected for the City Staff to review and approve, including:

1. Site Survey and Geotech Report for skatepark site
2. Project Startup Report including the following:
    - Communications Plan with Channels, Dates and Action Items defined
    - Brief narrative listing site constraints and opportunities for the site
    - Community Meeting #1 with summary of public input from Workshop
    - Recommendations for refining preliminary concept

Melba Bishop Skatepark - Oceanside, CA

Task 2. Design Development

2.a Conceptual Design

Conceptual Designs illustrate our skatepark philosophy to key stakeholders and the community in interactive, full color presentations of the custom skate features and facilities included in the project. The end result is a design produced from the ideas and recommendations of ALL stakeholders involved with the project. We utilize our skatepark construction experience by doing a thorough analysis of the site, local material availability and labor costs to produce a preliminary cost estimate. This is refined throughout the design process to value engineer the design and maximize the project budget. Using the preliminary concept in the RFP as a starting point, we will enhance the concept based on public input and potential value engineering cost savings.

Once the concept is approved, the Grindline Team will create a final design and submit to the City for review. This will include amenities, landscaping and storm water management designs as well. The Final Design is a complete build out of the skatepark and non-skatepark components. The City's review comments will include information and changes relevant to local and state building codes and permits. Grindline Team will provide detailed line item cost estimates and updated schedule.

2b. Cost Estimating and Accuracy Controls

Our extensive hands on knowledge of actual skatepark construction allows us to provide more precise cost estimates than our competition. We have constructed projects all over the US and internationally and have an intimate understanding of the large variance in material pricing and prevailing wage labor costs in different regions of the United States. As a full service design/build contractor exclusively engaged in the art and science of skatepark development, we have the ability to estimate budgets and value engineer our designs as we progress through the process. Our expansive resume of projects throughout the United states has given us the skillset to tailor designs that are unique to each project and this gives us the intimate understanding of the large variance in material pricing and prevailing wage labor costs throughout the United States.

2c. Phasing & Budget Management

When phasing is necessary, Grindline plays a key role in the mission to deliver a quality skatepark. Good planning and creative design are critical for a strong phasing plan. Grindline's approach to phasing bridges gaps between funding cycles because Grindline's designs are developed to preserve as much of the intial budget as possible for construction. We work diligently to keep engineering costs contained

and by developing all construction documents in house, we are highly productive in sharing resources between design, drafting and construction departments. This makes us very efficient and experienced designing complex skatepark terrain on a phased construction budget.

Deliverables:

1. Conceptual & Final Designs suitable for display showing the site plan and program elements to scale. Submittal to include plan and 3d perspective views and will be submitted on a 24" x 36" sheets for presentation at meetings as well as in digital format
2. Preliminary & Final Cost Estimates with quantity of materials estimates
3. Community Meeting #2 with summary of public input from Workshop

Task 3. Construction Documents

Upon approval on the final concept plan from the City, Grindline will create construction documents. The development of the construction documents and technical specifications will provide the City and Design Team an opportunity to check adherence to local and state building codes and engineering requirements. The Grindline team's experience with the Public Works design process in over twenty states makes us versatile in formatting project technical specifications to match the needs and requirements of the project Owner. We are well versed with ACI, ASTM, CSI, as well as state organizational formats. We are also well versed with ASTM Section F2334 – Standard for Above Ground Public Use Skatepark Facilities, ASTM F2480 - 06 Standard Guide for In-ground Concrete Skateparks, as well as Skaters for Public Skateparks Public Skatepark Development Guide, the industry's most frequently used reference publications.

Deliverables:

50% & 100% Construction Documents - Document set in digital PDF format. Submission to include:

a) Site Plan & Details
b) Grading, Drainage, Erosion Control Plans & Details
c) Skatepark Materials Plan
d) Skatepark Vertical Controls
e) Skatepark Horizontal Controls
f) Skatepark Jointing Plan
g) Skatepark Sections
h) Skatepark Details
i) Technical Specifications
j) Final cost estimate and quantity of materials estimate
l) Permits required for construction

Task 4. Construction

Once the final Skatepark documents are reviewed and approved, Grindline will move into the construction phase. We would secure the site with a construction fence if needed and employ necessary erosion control and environmental protection techniques during the entire construction phase as required. Construction starts with surveying the site, setting elevation markers and string lines, and cutting and placing grading forms. Excavation of the site is then followed by the installation of all drainage structures. Next, we perform rough grading, cutting and installing of concrete forms, tying the reinforcing steel, welding and placement of steel coping and edging, cutting and placing the remainder of the formwork lumber, shooting the shotcrete, steel-troweling the skating surface, stripping the forms, then pouring concrete around the flat areas of the park, and then finally back-filling and completing the final grading. Because Grindline can self perform the majority of the work, we are able to maintain strong QA/QC controls with frequent inspections by our own staff. Grindline will provide weekly written progress reports, as well as review and produce any change orders and clarification drawings as needed.

Grindline will schedule and attend pre-construction meeting and regular site meetings, provide weekly written progress reports, as well as review and produce any change orders and clarifi cation drawings as needed. We will provide all materials and compaction testing and special inspections as required. Using local material and equipment suppliers, Grindline will construct the skatepark according to the approved drawings.

All of our concrete is specified at a minimum of 4000 psi (although our standard mix typically breaks at around 5500 psi at 28 days) and fully reinforced with #3 Rebar. Concrete is carefully placed, cured, and finished meeting or exceeding ACI requirements. All grindable edges are treated with steel edging to withstand the constant beating taken from skateboarders. Having a resume of 200+ completed skateparks, Grindline has come across just every type of soil and water table situation that can be imagined, including the most undesirable ones.

We have built deep bowls in the expansive clays of Georgia and central Texas, constructed one of the countries largest skate facilities in the bayous of Southern Texas, and properly filtered skatepark stormwater runoff into the freshwater streams of the Northwest. We have built skateparks in areas with harsh winter climates such as Colorado, Wyoming and Michigan and have intimate knowledge of the design and construction issues associated with such environments. We have the experience and knowledge to tackle any drainage problem we come across.

Task 4b. Phasing & Budget Management

When phasing is necessary, Grindline plays a key role in the mission to deliver a quality skatepark. Good planning and creative design are critical for a strong phasing plan. Grindline's approach to phasing bridges gaps between funding cycles because Grindline's designs are developed to preserve as much of the initial budget as possible for construction. We work diligently to keep engineering costs contained and by developing all construction documents in house, we are highly productive in sharing resources between design, drafting and construction departments. This makes us very efficient and experienced designing complex skatepark terrain on a phased construction budget.

Task 4c. Construction Close Out & Dedication Event

Upon completion of construction, Grindline will do a walk through with the City of Tillamook and develop a punch list to be completed by Grindline for project closeout. After the punch list is completed, Grindline will provide project closeout manuals covering maintenance of the park. A complete set of certified As-Built Plans in hardcopy and digital format will be delivered. Only then does Grindline turn the park over to the community. Grindline also provides a two year written warranty on all materials and workmanship.

Along with the 2 year warranty, Grindline can offer training sessions to all municipalities we build parks for. This training is quite valuable when it comes to maintaining, upkeep and even occasional repair of wear & tear. With a network of crews spanned across the United States we are ready to mobilize on demand.

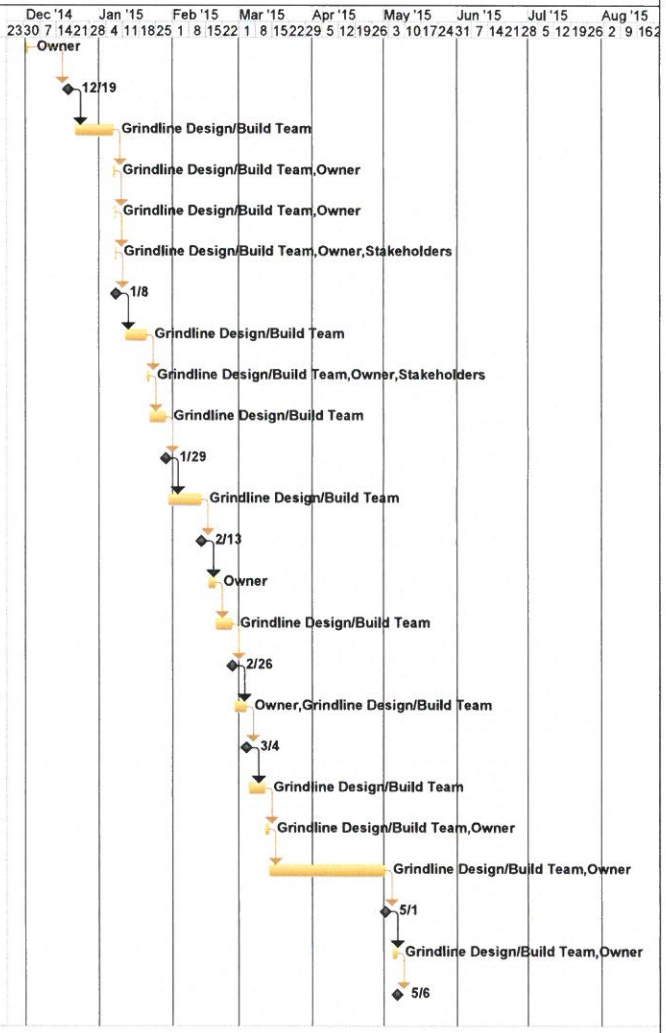
It is common practice for Grindline to attend, as well as participate in, dedication or grand opening events. This would be coordinated with the City of Tillamook and can be promoted in a similar way as the community involvement. The Grindline Skate Team and Grindline the Band are available to help celebrate the completion of a successful skatepark.

Deliverables: Weekly Progress Reports, Schedule Updates, Weekly Team Meeting Reports, As-Built Drawings (Upon Issuance of Notice of Completion), Operations & Maintenance Manual, 2 Year Warranty.

GRINDLINE
CONCRETE SKATEPARK DESIGN & CONSTRUCTION

TILLAMOOK SKATEPARK SCHEDULE

ID	Task Name	Duration	Start	Finish	Resource Names
1	Recommendation to City Council	1 day	Mon 12/1/14	Mon 12/1/14	Owner
2	Award (date estimated)	1 day	Fri 12/19/14	Fri 12/19/14	Owner
3	Survey/Geotech Report	12 days	Mon 12/22/14	Tue 1/6/15	Grindline Design/Build Team
4	Kick-Off Meeting	0.33 days	Wed 1/7/15	Wed 1/7/15	Grindline Design/Build Team,Owner
5	Site Visit	0.33 days	Wed 1/7/15	Wed 1/7/15	Grindline Design/Build Team,Owner
6	Community Meeting #1	0.34 days	Wed 1/7/15	Wed 1/7/15	Grindline Design/Build Team,Owner,Stakeholders
7	Project Startup Report	2 days	Thu 1/8/15	Fri 1/9/15	Grindline Design/Build Team
8	Develop Conceptual Design	7 days	Mon 1/12/15	Tue 1/20/15	Grindline Design/Build Team
9	Community Meeting #2	1 day	Wed 1/21/15	Wed 1/21/15	Grindline Design/Build Team,Owner,Stakeholders
10	Finalize Conceptual Design	5 days	Thu 1/22/15	Wed 1/28/15	Grindline Design/Build Team
11	Final Design Approved	1 day	Thu 1/29/15	Thu 1/29/15	Owner
12	Develop 50% Construction Documents	10 days	Fri 1/30/15	Thu 2/12/15	Grindline Design/Build Team
13	50% Construction Document Submittal	1 day	Fri 2/13/15	Fri 2/13/15	Grindline Design/Build Team
14	Review 50% Construction Document Submittal	3 days	Mon 2/16/15	Wed 2/18/15	Owner
15	Develop 100% Construction Documents	5 days	Thu 2/19/15	Wed 2/25/15	Grindline Design/Build Team
16	100% Construction Document Submittal	1 day	Thu 2/26/15	Thu 2/26/15	Grindline Design/Build Team
17	Review 100% Construction Document Submittal	3 days	Fri 2/27/15	Tue 3/3/15	Owner,Grindline Design/Build Team
18	100% Construction Document Approval	1 day	Wed 3/4/15	Wed 3/4/15	Owner
19	Permitting	5 days	Thu 3/5/15	Wed 3/11/15	Grindline Design/Build Team
20	Pre-Construction Meeting	1.5 days	Thu 3/12/15	Fri 3/13/15	Grindline Design/Build Team,Owner
21	Skatepark Construction	35 days	Fri 3/13/15	Fri 5/1/15	Grindline Design/Build Team,Owner
22	Substantial Completion	1 day	Fri 5/1/15	Mon 5/4/15	Grindline Design/Build Team,Owner
23	Punchlist	2 days	Mon 5/4/15	Wed 5/6/15	Grindline Design/Build Team,Owner
24	Final Acceptance	1 day	Wed 5/6/15	Thu 5/7/15	Grindline Design/Build Team,Owner



4619 14TH AVE SW SEATTLE,WA 98106
206.932.6414 (OFFICE) 206.932.6840 (FAX)
www.grindline.com

TUALATIN HILLS BEGINNERS PARK

OWNER:
TUALATIN HILLS PARK AND RECREATION DISTRICT

GRINDLINE'S SCOPE:
PRIME CONSULTANT & PRIME CONTRACTOR

SCHEDULE:
DESIGN: JANUARY - MAY 2008
CONSTRUCTION:
MAY - AUGUST 2008

BUDGET:
DESIGN: $26,000
CONSTRUCTION: $314.000

SIZE:
8,500 SQ. FT.

CONTACT:
GARY KECK
SENIOR PLANNER- THPRD
(503) 645-6433

PROJECT TEAM:
MATT FLUEGGE
PROJECT MANAGER

MICAH SHAPIRO
LEAD DESIGNER

DAVID PALMER
SITE SUPERINTENDENT

MACKAY & SPOSITO
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING

PROJECT SUMMARY:

Grindline was selected as the design/build firm to design and construct this park geared toward beginner/novice level skateboarders, specifically younger skaters ages 16 and younger who were getting overrun by the older skaters at the existing park. Working with the THPRD staff and the local skateboard community, Grindline was able to come up with a design that would meet the needs of beginner/novice skateboarders in the area, but also keep them challenged and interested as their skills progressed. During Construction Grindline served as the Prime Contractor, subcontracting landscaping, fencing, and lighting to local subcontractors. Staging for this project proved to be a challenge, as the park sits next to an existing wooden ramp skatepark that was to remain open throughout construction. A pedestrian path also went through the staging area. The park was completed without any pedestrian conflict or injuries.

BINGEN SKATEPARK

OWNER:
TOWN OF BINGEN, WA

GRINDLINE'S SCOPE:
DESIGNER AND GENERAL CONTRACTOR

SCHEDULE:
PHASE 1 DESIGN: JUNE 2010
PHASE 1 CONSTRUCTION: OCTOBER - NOVEMBER 2010
PHASE 2 DESIGN: AUGUST 2013
PHASE 2 CONSTRUCTION: OCTOBER 2013 - JANUARY 2014

BUDGET:
PHASE 1 DESIGN: $18,500
PHASE 1 CONSTRUCTION: $156,000
PHASE 2 DESIGN: $13,375
PHASE 2 CONSTRUCTION: $176,000

SIZE: PHASE 1 - 6,000 SQ. FT.
PHASE 2 - 3,500 SQ. FT.

CONTACT:
JAN BRENDING
(509) 493-2122
PROJECT MANAGER

PROJECT TEAM:

MATT FLUEGGE
PROJECT MANAGER

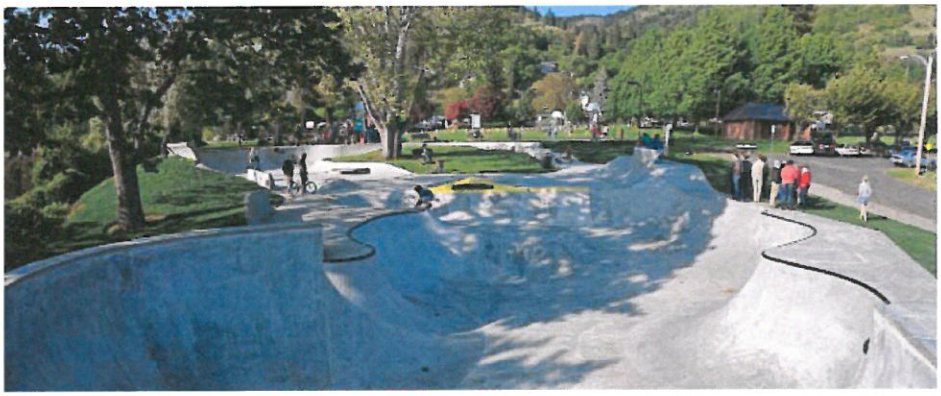
MICAH SHAPIRO
LEAD DESIGNER

DAVID PALMER
SITE SUPERINTENDANT

MACKAY & SPOSITO
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING

PROJECT SUMMARY:

In December 2009 Grindline was contracted by the City of Bingen to design and construct a skatepark in City Park. Through a series of community meetings, Grindline presented and refined concepts until a preferred concept was achieved. Grindline used the natural slope of the site to position the bowl elements so that they could tie in easily with existing drainage. A large tree was preserved at the site and the skatepark was designed around it to create a racetrack that skaters could loop around continuously. Construction was completed on budget and schedule and the skatepark has been a welcome addition to the City of Bingen's recreational facilities.



CAVE JUNCTION SKATEPARK

OWNER:
CITY OF CAVE JUNCTION, OR

GRINDLINE'S SCOPE:
PRIME CONSULTANT &
PRIME CONTRACTOR

SCHEDULE:
SPRING 2014

BUDGET:
CONTRACT TOTAL $70,658.75
FUNDS RAISED BY SK8CH: $16,758.75.
IN-KIND DONATIONS $18,000

SIZE: 9,000 SQ. FT.

CONTACT:
MAUREEN CONNOLLY
SK8CJ
MAUREENC9@GMAIL.COM
541.592.2073

PROJECT TEAM:

MATT FLUEGGE
PROJECT MANAGER

MICAH SHAPIRO
LEAD DESIGNER

SAGE BOLYARD
SITE SUPERINTENDENT

PROJECT SUMMARY:

In collaboration with the City of Cave Junction, SK8CJ (the local skatepark committee), YES (Youth Empowerment and Support), and the Cave Junction community, Grindline was able to produce a world class skate facility that caters to all ages and skill levels. In order to maximize the square footage of skateable surface the City chose a site which was an existing slab previously used as basketball courts. Grindline produced a design concept that would utilize the large portions of the existing slab, allowing the majority of the available funds to be put towards actual features rather than flat slab which surround those features. Local Excavators donated both time and equipment to help remove pieces of the existing slab and build up portions of the site where the new skateable features would be located. Detailed material take-off lists were given to all parties, so that they could be used to solicit additional material discounts and donations.

This collaborative, team effort approach allowed the end result of a skatepark of approximately 9,000 sq ft for a contact total amount of $70,758.75!

KIWANIS SKATEPARK

OWNER:
CITY OF LEWISTON, ID

GRINDLINE'S SCOPE:
PRIME CONSULTANT & CONTRACTOR

SCHEDULE:
DESIGN:
MAY - SEPTEMBER 2010
CONSTRUCTION: OCTOBER 2010 - MARCH 2011

BUDGET:
$25,500 FOR DESIGN
$320,625 FOR CONSTRUCTION

SIZE:
14,000 SQ FT

CONTACT:
TIM BARKER
ASST. DIRECTOR PARKS & RECREATION
CITY OF LEWISTON
(208) 746-2313

PROJECT TEAM:
MATT FLUEGGE
PROJECT MANAGER

MICAH SHAPIRO
LEAD DESIGNER

DAVID PALMER
SITE SUPERINTENDANT

MACKAY & SPOSITO
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING

PROJECT SUMMARY:

Grindline Skaparks led a design/build team to design and construct the Kiwanis Skateboard park in Lewiston, ID. The park needed to be designed to work around the old growth trees on site and also not affect the adjacent army corps of engineer dike. The design also needed to take into account numerous in kind donations of services and materials. Grindline came up with a modular design with sections that would function individually but could be added or subtracted from the overall project depending on the success of the community's fund raising efforts. During construction the community came up with and an additional $56,000 which allowed for the addition of one of the optional bowls. Grindline was able to adjust the construction schedule accordingly and construction was completed on time and on budget. The Skatepark opened to rave reviews and has been one of the most popular public facilities in Lewiston since it's opening.

JUDKINS PARK SKATEPARK

OWNER:
CITY OF SEATTLE, WA

GRINDLINE'S SCOPE:
SKATEPARK DESIGN &
PRIME CONTRACTOR

SCHEDULE:
DESIGN:
SEPTEMBER 2011 - AUGUST 2012
CONSTRUCTION:
SEPTEMBER 2012 - MARCH 2013

BUDGET:
$21,725 FOR DESIGN
$331,800 FOR CONSTRUCTION

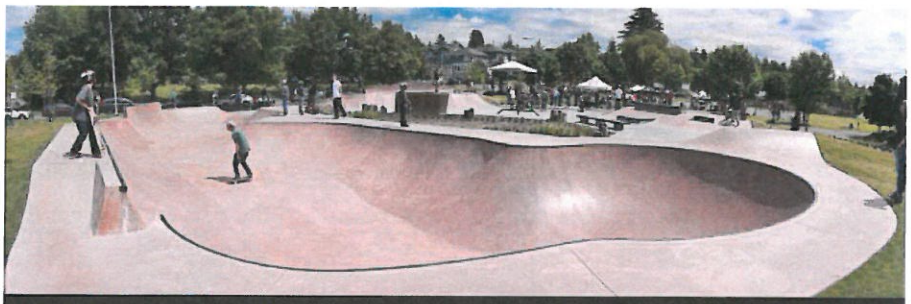
SIZE:
9,000 SQ FT

CONTACT:
R.FRANK ROBINSON
SR. LANDSCAPE ARCHITECT
SEATTLE PARKS DEPARTMENT
(206) 684-7035

PROJECT TEAM:
MATT FLUEGGE
PROJECT MANAGER

MICAH SHAPIRO
LEAD DESIGNER

DAVID PALMER
SITE SUPERINTENDENT



PROJECT SUMMARY:

In 2011 Grindline was contracted by the City of Seattle to design a Skatepark in Judkins Park. With the recent completion of the Jefferson Skatepark approximately one mile down the road, it was determined during the design process that this facility would cater to beginner and intermediate users to compliment the Jefferson Skatepark's advanced features. The site was challenging, with the subsurface conditions consisting of a mix of fill from the construction of Interstate 90 and leftovers from when the site was a landfill at the turn of the 20th century. In order to avoid uncovering and of the landfill material and provide positive drainage, grindline used a combination elevating the entire skatepark 3 feet and keeping the bowls 6ft deep or shallower. The central greenspace is a rain garden and treats all stormwater from the skatepark before it connects with the storm sewer. The skatepark is adjacent to interstate 90 which is known as the "Mountains to Sound Highway" where it enters Seattle. The skatepark was designed to reflect this, with snake run representing Puget Sound (the body of water that Seattle is located on), with other parts of the park representing the Cascade Mountains, and the City of Seattle istself. Construction was completed on budget and schedule, and the parks has received rave reviews since its opening in Spring 2013.

ECHO SKATEPARK

OWNER:
TOWN OF ECHO, OR

GRINDLINE'S SCOPE:
DESIGNER AND GENERAL CONTRACTOR

SCHEDULE:
DESIGN: JUNE 2009
CONSTRUCTION DECEMBER 2009 - JANUARY 2010

BUDGET:
$100,930 TOTAL

SIZE:
3,000 SQ. FT.

CONTACT:
DIANNE BARRY
(541) 376-8411
PROJECT MANAGER

PROJECT TEAM:

MATT FLUEGGE
PROJECT MANAGER

MICAH SHAPIRO
LEAD DESIGNER

DAVID PALMER
SITE SUPERINTENDANT

PROJECT SUMMARY:

The Echo Skate Park was designed for youths and teenagers aged 6-20 years who utilize skate boards, in-line skate and BMX bikes. The area designated for the skatepark was a 80 by 100 foot section of a street right of way that was covered with a mixture of deteriorated asphalt and gravel road bed. Our design had to work around existing water and sewer lines and was required to blend with an existing modular skate park already on site. After an inventory of existing modular components, Grindline created a design that meet the norms and standards for current skate park design principles including flow, traffic patterns, and provisions for multiple user capability (bikes, boards and blades). The design cleverly allowed for appropriate spacing, flow, radiuses and angles and provided for optimum flow, enabling riders to move safely from the original modular area to the new cast-in-place concrete elements.

VANCOUVER EXTREME SKATEPARK

OWNER:
CITY OF VANCOUVER

GRINDLINE'S SCOPE:
SKATEPARK CONSULTANT AND SPECIALTY CONTRACTOR

SCHEDULE:
DESIGN WINTER 2005
CONSTRUCTION MARCH - SEPTEMBER 2007

BUDGET:
$350,000

SIZE:
11,000 SQ FT

CONTACT:
LISA GOORGIAN
VANCOUVER PARKS & RECREATION
(360) 610-1134

PROJECT TEAM:

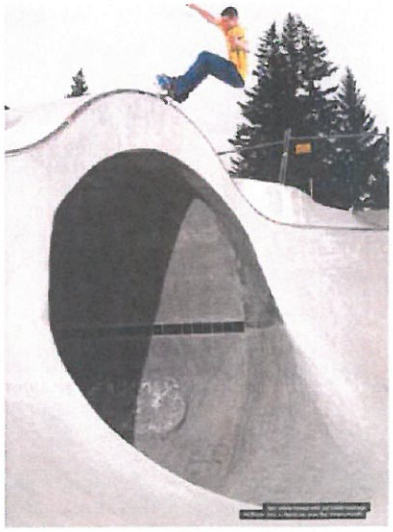
MATT FLUEGGE
PROJECT MANAGER

MICAH SHAPIRO
LEAD DESIGNER

DAVE PALMER
SITE SUPERINTENDENT

PROJECT SUMMARY:

Grindline was selected as the skatepark designer for the extreme sports park located within a larger park project and then won the low bid for construction. The objective for this park was that it was to accommodate not only skateboarders, but cyclists, in-line skaters, and roller skaters as well. All of these end users were involved in the design process with the end result being a facility that suits all user types of all different skill levels. The main bowl is designed specifically for BMX riders who enjoy the speed available from the openness of the bowl and large long walls.



STEEL BRIDGE SKATEPARK

OWNER:
CITY OF PORTLAND, OR

GRINDLINE'S SCOPE:
SKATEPARK DESIGNER

SCHEDULE:
DESIGN: DECEMBER 2008 - OCTOBER 2009

BUDGET:
DESIGN: $55,000

SIZE:
70,000 SQ. FT.

CONTACTS:
DAVID HORSELY
PRINCIPAL
DAO ARCHITECTURE
(503) 230-0664

TOM MILLER
PROJECT MANAGER,
CITY OF PORTLAND
ASSOCIATION
(503) 823-9194

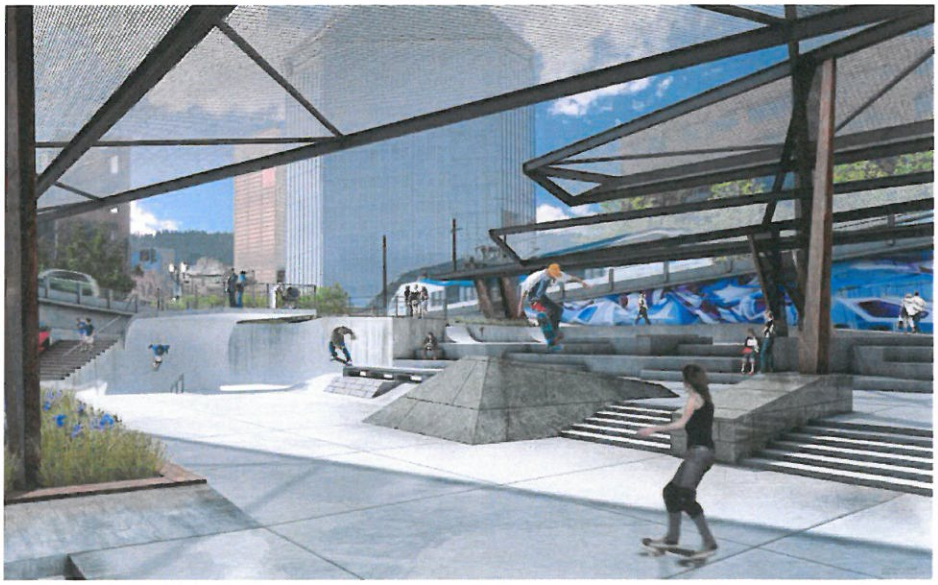
PROJECT TEAM:

MICAH SHAPIRO
LEAD DESIGNER

PROJECT SUMMARY:

In 2009 Grindline was a member of a multidisciplinary team tasked with a development plan for the Steel Bridge Skatepark in Portland, OR. The design team's goal was to create a unique urban landscape, able to serve as both a regional attraction and more community-based gathering space which accommodates both skaters and non-skating observers. This represents a new direction in urban skatepark design, blurring the line between traditional segregated skatepark and urban plaza -- bringing skateboarding back to the sport's roots to capture the essence of skating in the urban public realm.

Fitting the flow of the street skating and transitional bowls onto the site's existing topography of buttresses and swales mandated an additional understanding of site access, multi-modal circulation patterns, solar geometry and climatic conditions, view corridors, and overlook possibilities. Internal fingers, or pedestrian belvederes, were carefully located to provide accessible overlooks for spectators to be within the action while experiencing the sport in a safe manner. The site's central 'diving board' cantilevered platform, and the decommissioned overhead ramp artifact offer additional unconventional vantage points. Many architectural and landscape surfaces are also skateable themselves, with the tactility of the permeable pavers designating what is for pedestrians only. The result is a true urban downtown park, primarily focused on integration of components and creating a safe, aesthetically pleasing and sustainable hybrid of architecture, landscape, infrastructure, and public art.



PREVIOUS PROJECTS IN THE LAST 5 YEARS

2014

Name of Project: Fallon County Skatepark – Design and Construction of Skatepark
Location of Project: Baker, MT
Amount of Contract: $483,000 Date of Completion: 11/05/2014
Client: Fallon County Parks Commission
Project Contact: Scott Rabbitt, Parks Director (406) 778-8182

Name of Project: Cave Junction Skatepark – Design and Construction of Skatepark
Location of Project: Cave Junction, OR
Amount of Contract: $70,658 Date of Completion: 09/25/2014
Client: City of Cave Junction
Project Contact: Maureen Connolly, Chairperson SK8CJ, (541) 592-2073

Name of Project: Wilkeson Skatepark – Design and Construction of Skatepark
Location of Project: Wilkeson, WA
Amount of Contract: $61,305 Date of Completion: 06/30/2014
Client: Town of Wilkeson
Project Contact: Trisha Summers, Clerk/Treasurer (360) 829-0790

Name of Project: Cleveland Flats Skatepark – Design and Construction of Skatepark
Location of Project: Cleveland, OH
Amount of Contract: $758,000 Date of Completion: 10/31/2014
Client: City of Cleveland
Project Contact: Michael Stahl, Division of Architectural and Site Development (216) 664-3724

Name of Project: Pitcher Park Memorial Skatepark – Design and Construction of Skatepark
Location of Project: Carnegie, PA
Amount of Contract: $291.000 Date of Completion: 6/1/2014
Client: Pitcher Park Foundation
Project Contact: Mary Pitcher (412) 853-0515

Name of Project: Spring Park Skatepark – Design and Construction of Skatepark
Location of Project: Spring, TX
Amount of Contract: $1,935,300 Date of Completion: 10/1/2014
Client: Greater Greenspoint Redevelopment Authority
Project Contact: Sally Bradford, Director, GGRA, (281) 877-9952

Name of Project: Haderslav Skate City –Construction of Skatepark
Location of Project: Copenhagen, DK
Amount of Contract: $295,000 Date of Completion: 05/30/2014
Client: Hoffman Construction
Project Contact: Dan Wakabayashi Thomsen. Project Director +4560120620

Name of Project: Daubenspeck Skatepark Phase 2 – Design and Construction of Skatepark
Location of Project: Spring, TX
Amount of Contract: $178,000 Date of Completion: 03/31/2014
Client: City of Bingen
Project Contact: Jan Brending (509) 493-2122

2013

Name of Project: Newark Skatespots (Phillips & Handloff Parks) – Design and Construction of Skateparks
Location of Project: Newark, DE
Amount of Contract: $176,430 Date of Completion: 10/20/2013
Client: City of Newark
Project Contact: Joe Spadafino (302) 366-7060

Name of Project: Sk'lallum Tribal Skatepark – Design and Construction of Skatepark
Location of Project: Port Gamble, WA
Amount of Contract: $127,330 Date of Completion: 010/28/2013
Client: Port Gamble S'Klallam Tribe
Project Contact: Joe Sparr, Planning Director, (360) 297-6354

Name of Project: Franklin's Paine Skate Plaza – Design and Construction of Skatepark
Location of Project: Philadelphia, PA
Amount of Contract: $342,800 Date of Completion: 05/25/2013
Client: Franklin's Paine Skatepark Fund
Project Contact: Josh Nims, Executive Director, Franklin's Paine Skatepark Fund, (215) 713-5553

Name of Project: Judkins Skatespot – Design and Construction of Skatepark
Location of Project: Seattle, WA
Amount of Contract: $329,000 Date of Completion: 02/14/2013
Client: City of Seattle
Project Contact: Frank Robinson (206) 684-7035

Name of Project: Roxhill Skatepark - Construction of Skatepark
Location of Project: Seattle, WA
Amount of Contract: $494,000 Date of Completion: 04/30/2013
Client: City of Seattle
Project Contact: Kelly Goold (206) 684-0586

Name of Project: South Kitsap Skatepark Construction of Skatepark
Location of Project: Port Orchard, WA
Amount of Contract: $681,000 Date of Completion: 06/30/2013
Client: Kitsap County
Project Contact: Ric Catron 360-337-5350

Name of Project: Pflugerville Skatepark – Design of Skatepark
Location of Project: Pflugerville, TX
Amount of Contract: $10,000 Date of Completion: 09/30/2013
Client: DAVCAR Engineering
Project Contact: Thomas Duvall (512) 328.4428

Name of Project: Ithaca Skatepark – Design of Skatepark
Location of Project: Ithaca, NY
Amount of Contract: $42,300 Date of Completion: open
Client: City of Ithaca
Project Contact: Tom West (607) 327-0710

Name of Project: Scappoose Skatepark – Design and Construction of Skatepark
Location of Project: Scappose, OR
Amount of Contract: $125,000 Date of Completion: 07/30/2013
Client: City of Scappose
Project Contact: Jon Hanken (503) 543 7146

Name of Project: Burl Wilkes Skatepark – Construction of Skatepark
Location of Project: Arlington, TX
Amount of Contract: $87,000 Date of Completion: 07/22/2013
Client: City of Arlington
Project Contact: Brian Raydon (254) 559-5012

2012
Name of Project: Benefit Park Skatepark – Design & Construction of Skatepark
Location of Project: Seattle, WA
Amount of Contract: $5,500 Date of Completion: 02/29/2012
Client: City of Seattle
Project Contact: Kelly Davidson (206) 684-0998

Name of Project: Sunnyside Neighborhood Skatepark – Design & Construction of Skatepark
Location of Project: College Park, MD
Amount of Contract: $250,000 Date of Completion: 06/15/2012
Client: City of College Park, MD
Project Contact: Terry Schum (240) 487-3538
Name of Project: Mountain View Skatepark - Construction of Skatepark
Location of Project: El Paso, X
Amount of Contract: $734,000 Date of Completion: 10/20/12
Client: City of El Paso, TX
Project Contact: Monica Castrejon, Engineering and Construction Management (915)541-4330

Name of Project: Roskilde Skatepark – Construction of Skatepark
Location of Project: Copenhagen, DK
Amount of Contract: $257,400 Date of Completion: 05/31/12
Owner:City of Copenhagen
Project Contact: William Frederiksen 45 23 71 29 15

Name of Project: Hana Skatepark – Design & Construction of Skatepark
Location of Project: Hana, HI
Amount of Contract: $62,989 Date of Completion: 04/20/12
Client: Friends of Hana Keiki
Project Contact: Shawn D. Kroop (808) 248-8764

Name of Project: Lander Skatepark – Design of Skatepark
Location of Project: Lander, WY
Amount of Contract: $21,835 Date of Completion: 08/31/12
Client: Friends of Hana Keiki
Project Contact: Sara Felix (307) 330-6542

Name of Project: Medford Skatepark – Design & Construction of Skatepark
Location of Project: Medford, NJ
Amount of Contract: $250,000 Date of Completion: 11/15/12
Client: Township of Medford
Project Contact: Beth A. Portocalis (609) 654-2512

Name of Project: Red Lake Skatepark – Design & Construction of Skatepark
Location of Project: Red Lake, MN
Amount of Contract: $248,840 Date of Completion: 08/12/12
Client: Red Lake Band of Chippewa Indians
Project Contact: Sam Strong (218) 679-1890

Name of Project: SeaTac Skatepark – Design of Skatepark
Location of Project: Seatac, WA
Amount of Contract: $22,300 Date of Completion: 07/31/12
Client: City of Seatac
Project Contact: Larry Ellis (206) 973-4681

Name of Project: Slavic Village Skatepark– Design of Skatepark
Location of Project: Cleveland, OH
Amount of Contract: $9,870 Date of Completion: 08/31/12
Client: Slavic Village Development Association
Project Contact: Emily Miller Cook (216) 429-1182 x121

Name of Project: West Point Skatepark– Design & Construction of Skatepark
Location of Project: West Point, MS
Amount of Contract: $100,000 Date of Completion: 07/19/12
Client: City of West Point
Project Contact: Melanie Busby (662) 275-3941

Name of Project: Zumiez Corporate Campus Skatepark– Design & Construction of Skatepark
Location of Project: Lynnwood, WA
Amount of Contract: $92,800 Date of Completion: 06/25/2012
Client: Zumiez
Project Contact: Jeffrey E. Davis, Davis Property & Investment (253) 872-9522

2011
Name of Project: Fallendparken Skatepark – Construction of Skatepark
Location of Project: Copenhagen, DK
Amount of Contract: $430,602 Date of Completion: 09/22/11
Owner:City of Copenhagen
Project Contact: William Frederiksen 45 23 71 29 15

Name of Project: College Station Skatepark - Design of Skatepark
Location of Project: College Station, TX
Amount of Contract: $87,724 Date of Completion: 04/8/11
Owner: Bleyl & Associates
Project Contact: David Besly (979) 268-1125

Name of Project: San Antonio Skatepark System - Design & Construction of 3 Skateparks
Location of Project: San Antonio, TX
Amount of Contract: $1,006,200 Date of Completion: 12/31/11
Owner: City of San Antonio
Project Contact: Mark Whittlinger (210) 207-2874

Name of Project: San Marcos Skatepark - Construction of Skatepark
Location of Project: San Marcos, TX
Amount of Contract: $264,500 Date of Completion: 07/25/11
Owner: City of San Marcos
Project Contact: Christin Lindsey, Capital Improvements Department (512) 393-8131

Name of Project: Spring Park Skatepark – Design of Skatepark
Location of Project: Spring Park - Houston, TX
Amount of Contract: $78,250 Date of Completion: 04/29/11
Owner: Klotz Associates
Project Contact: Steve Byington (713) 962.7522

Name of Project: Kfar Saba Skatepark – Construction of Skatepark
Location of Project: Tel Aviv, Israel
Amount of Contract: $87,724 Date of Completion: 04/8/11
Owner: City of Kfar Saba
Project Contact: Yaki Itshaky 972 9 9588548

Name of Project: Kiwanis Park Skatepark – Design & Construction of Skatepark
Location of Project: Lewiston, ID
Amount of Contract: $344,507 Date of Completion:2/26/11
Owner: City of Lewiston
Project Contact: Tim Barker 208-746-2313

Name of Project: Atlanta 4th Ward Skatepark - Construction of Skatepark
Location of Project: Atlanta, GA
Amount of Contract: $303,650 Date of Completion: 2/25/11
Owner: Atlanta Beltline
Project Contact: Kevin Burke (404) 614-8300
Name of Project: Delridge Skatepark – Design & Construction of Skatepark
Location of Project: Seattle, WA
Amount of Contract: $543,650 Date of Completion: 09/30/11
Owner: City of Seattle
Project Contact: Kelly Davidson (206) 684-0998

2010

Name of Project: Herzelia Skatepark - Construction of Skatepark
Location of Project: Tel Aviv, Israel
Amount of Contract: $148,066 Date of Completion:12/31/10
Owner: City of Herzelia
Project Contact: Yaki Itshaky 972 9 9588548

Name of Project: Bingen Skatepark - Design & Construction of Skatepark
Location of Project: Bingen, WA
Amount of Contract: $145,321 Date of Completion: 11/30/10
Owner: City of Bingen
Project Contact: Jan Brending (509) 493-2122

Name of Project: Muckleshoot Tribal Skatepark - Design & Construction of Skatepark
Location of Project: Auburn, WA
Amount of Contract: $249,431 Date of Completion: 10/31/10
Owner: Muckleshoot Indian Tribe
Project Contact: Steve Webber (206) 715-6276

Name of Project: Norpoint Community Center Skatepark - Design & Construction of Skatepark
Location of Project: Tacoma, WA
Amount of Contract: $133,618 Date of Completion: 11/15/10
Owner: Metro Parks Tacoma
Project Contact: Kristi Evans (253)305-1054

Name of Project: Echo Skatepark - Design & Construction of Skatepark
Location of Project: Echo, OR
Amount of Contract: $100,930 Date of Completion: 1/29/10
Owner: City of Echo
Project Contact: Dianne Berry (541) 376-8411

2009

Name of Project: St. Helena Skatepark - Design & Construction of Skatepark
Location of Project: St. Helena, CA
Amount of Contract: $573,131 Date of Completion: 8/10/09
Owner: City of St. Helena
Project Contact: Cindy Smith (707) 334-5251

Name of Project: Seattle Center Skateplaza - Construction of Skatepark
Location of Project: Seattle, WA 100
Amount of Contract: $413,334 Date of Completion: 7/15/09
Owner: City of Seattle
Project Contact: Bonnie Pendergrass (206) 615-1806

Name of Project: Eagle County Skatepark - Design & Construction of Skatepark
Location of Project: Edwards, CO
Amount of Contract: $130,580 Date of Completion: 6/15/09
Owner: Eagle County
Project Contact: Rick Cook (970) 331-3533

Name of Project: Bishop Skatepark and MLK Skatepark (Oceanside Skatepark System) - Design & Construction of Skatepark
Location of Project: Oceanside, CA
Amount of Contract: $715,820 Date of Completion: 2/01/09
Owner: City of Oceanside
Project Contact: Nathan Mertz 760-435-5619

Name of Project: Fayetteville Skatepark - Design & Construction of Skatepark
Location of Project: Fayetteville, WV
Amount of Contract: $200,000 Date of Completion: 1/09/09
Owner: Town of Fayetteville
Project Contact: Dan Shorts (304) 431-7800

2008

Name of Project: Myrtle Creek Skatepark - Design & Construction of Skatepark
Location of Project: Myrtle Creek, OR
Amount of Contract $265,688 Date of Completion: 11/30/08
Owner: Town of Myrtle Creek
Project Contact: Aaron Cubic (541) 863-3171

Name of Project: Kiwanis Park Skatepark - Design & Construction of Skatepark
Location of Project: Yakima, WA
Amount of Contract $324,000 Date of Completion: 11/05/08
Owner: City of Yakima
Project Contact: Bruce Floyd (509) 728 3457

Name of Project: Forks Skatepark - Design & Construction of Skatepark
Location of Project: Forks, WA
Amount of Contract: $71,500 Date of Completion: 9/01/08
Owner: City of Forks
Project Contact: Dave Zellar (360) 374-5412

Name of Project: Idaho Falls Skatepark - Design & Construction of Skatepark
Location of Project: Idaho Falls, ID
Amount of Contract: $306,000 Date of Completion: 9/15/08
Owner: City of Idaho Falls
Project Contact: Rich Straub (208) 612-8480

Name of Project: Tuba City Skatepark - Construction of Skatepark
Location of Project: Tuba City, AZ
Amount of Contract $293,111 Date of Completion: 8/20/08
Owner: Parks and Recreation of Coconio County
Project Contact: Mike Conner (928) 679-8021

Name of Project: Tualatin Hills Beginners Skatepark - Design & Construction of Skatepark
Location of Project: Beaverton, OR
Amount of Contract $315,000 Date of Completion: 8/20/08
Owner: Tualatin Hills Parks and Recreation District
Project Contact: Gary Keck (503) 645-6433

Name of Project: Lee and Joe Jamail Skatepark - Design & Construction of Skatepark
Location of Project: Houston, TX
Amount of Contract: $901,154 Date of Completion: 4/15/08
Owner: City of Houston
Project Contact: Trent Rondot (713) 942-8505

Name of Project: Highlands Skateplaza - Design & Construction of Skatepark
Location of Project: Bellevue, WA
Amount of Contract: $644,745 Date of Completion: 4/01/08
Owner: City of Bellevue
Project Contact: Scott Vanderhyden (425) 452-4169

GRINDLINE
CONCRETE SKATEPARK DESIGN & CONSTRUCTION

STANDARD WARRANTY

The Project is covered by an unconditional warranty on all building materials and workmanship for two (2) years from the date the park was substantially complete.

If, within two years after the date of Substantial Completion of the Work or designated portion thereof any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition. During the two-year period for correction of Work, if the Owner fails to notify the Contractor and give the Contractor an opportunity to make correction, the Owner waives the rights to require correction by the Contractor and to make a claim for breach of warranty. If the Contractor fails to correct nonconforming Work within reasonable time during that period after receipt of notice from the Owner or Architect, the Owner may correct such deficiencies. In such case an appropriate invoice shall be issued to the Contractor covering the reasonable cost to correcting such deficiencies, including Owner's expenses.

Definitions: The terms "Work", "Substantial Completion", "Contract Documents", "Contractor", "Change Order", and "Owner" are as defined in AIA A201-1997 General Conditions of the Contract for Construction.

Date of Substantial Completion: _____

Respectfully,

_____
Signature

_____
Print or Type Name and Title

AWARDS AND RECOGNITION

"When I return to Seattle (most every summer), out of all the epic parks in King County alone, Delridge Skatepark constantly occupies my mind during the flight. I usually end up turning it into a base camp. In the few years of its existence I've witnessed neighborhood kids with zero skate experience grow into confident "skate park rippers". This is due to the knowledgable way the park is designed from mild to challenging with twists, details and dimensions Grindline applies with its skateparks inherently. That being said, for older dudes like myself, it has lines and options that I can't get enough of..like free lunch at your favorite restaurant!" ***-Sam Hitz, Old Guard, Creature Skateboards***

"Grindline is the best Skatepark Design/Build Company in the Business."
- Jake Phelps, Editor of Thrasher Skateboard Magazine

"The park is huge, really well - rounded and made for all skill levels. It has all of the elements."
- Tony Hawk on the Birdhouse Tour visting Pitcher Park Memorial Skatepark (Whirl Maganize)

"Many thanks to Grindline for building all the insane skateparks in the Northwest. I think they're making gifts for skateboarders. Their parks are monuments to the act and practice of skateboarding. So I greatly appreciate and admire their work".
- Ben Krahn, Professional Skateboarder (Big Brother Skateboard Magazine interview)

"Monk used to draw these skateparks on his folders in high school and everyone told him he'd only see these parks in heaven or in his dreams. And yet, here they are, for real and for all of us to enjoy."
- Transworld Skateboarding Magazine

"The Best Concrete Builders around. Don't have anyone else pour cement in your town."
- Concrete Disciples.com

"Ask 10 riders to rank the best skateparks ... and you're likely to get 10 different answers. But one common thread is likely to be Grindline Skateparks Inc."
- Seattle Times Article April 5th, 2004: Seattle Firm Grindline is a leader in building skateparks

Tony Hawk, 4th Ward Skatepark, Atlanta, GA

CITY OF OCEANSIDE

ENGINEERING

January 22, 2014

To Whom It May Concern,

Please consider this letter as my professional recommendation of Grindline Skateparks Inc. The Grindline team proved to be a successful firm in working with City staff and community members to develop Oceanside's skatepark system. The City of Oceanside California selected Grindline to design three of our most recently completed concrete skateparks.

In 2008 to 2009 through a design, bid, build process, the City awarded Grindline Skateparks a construction contract for two skateparks. In 2013, the third skatepark went through a design, bid, build process, and a construction contract was awarded to a local skatepark construction firm as the low bid. Grindline successfully provided construction support to the City of Oceanside for the third skatepark. During this time Grindline, conducted site visits at key project milestones, and continued to provide crucial construction support during the project and project close-out.

Grindline's ability to manage the design of all three skateparks at once and then construct two of those skateparks simultaneously demonstrates the firm has a strong project team comprised of very skilled individuals. It has been a pleasure working with the entire Grindline team throughout the design and construction process. Their reputation for creating quality skateparks and a 10+ year track record of design/build experience contributed directly to the success, quality and extreme popularity of the City's skatepark system.

Sincerely

Nathan Mertz

Parks Development Manager

City of Oceanside

300 NORTH COAST HIGHWAY · OCEANSIDE, CA 92054-2885 · TELEPHONE 760-435-5097

Greater Greenspoint Redevelopment Authority

Chairman
ELVIN FRANKLIN, JR.
Harris County Representative

Treasurer
JOHN O. CORNETT
Aldine Independent School District Representative

Secretary
SETH L. SHARR
Spring Independent School District Representative

ERVIN H. BAUMEYER, P.E.
City of Houston Representative

CHARLES H. MOCK
City of Houston Representative

ART MURILLO
METRO
City of Houston Representative

DR. STEVE HEAD
Lone Star College District Representative

SALLY L. BRADFORD
Executive Director

January 20, 2014

Re: Spring Skate Park
Greenspoint Redevelopment Authority
Houston, Texas

Dear Sir or Madam:

This letter is a recommendation for Grindline Skateparks. I have had the pleasure of working with Grindline on both the design and construction of our public skate park. Spring Skate Park will be the largest skate park in North America. It is slated to be open in early July, 2014.

Grindline helped us with our public meetings and did a great job of addressing questions by both skaters and non skaters. Their enthusiasm and expertise helped meeting participants understand the value of a skate board park as a community amenity.

Not only has Grindline created a terrific design for a 72,000 sf park, they have included features to make this a unique and highly skatable venue. They are nearing completion of construction and are true artists. Their dedication is amazing considering at times their crew worked in 102 degree Houston weather. All crew members were professional and worked very well with our general contractor and landscape architect. The quality of their work is amazing and they will complete the project within budget.

I highly recommend Grindline to design and or construct your skatepark. If you have any specific questions, or would like to arrange a site visit, please feel to contact me at 281-877-9952.

Sincerely,

Sally Bradford

Sally Bradford
Executive Director

16800 Greenspoint Park Drive, Ste. 160 South, Houston, TX 77060 • (281) 877-9952 • Fax (281) 876-4688

FRANKLIN'S PAINE
•SKATEPARK FUND•

January 22, 2014

To Whom It May Concern,

Please consider this letter as my professional recommendation of Grindline Skateparks. Franklin's Paine Skatepark Fund, in partnership with the City of Philadelphia, selected Grindline for the construction of Paine's Park- a unique multi-use skateable space in the shadow of the Philadelphia Museum of Art covering more than two acres of Philadelphia's premier cultural real estate along the Benjamin Franklin Parkway.

The Grindline team proved that they are a firm that can excel at undertaking contracts which demand sensitivity to the complexity of construction and development in the urban environment. Their ability to work seamlessly with non-skatepark contractors, architects, city agency representatives, and the rest of the client team; while producing an ultimately superior skateboarding facility; shows the depth and sensitivity of their management and the maturity and skill of their construction teams.

Despite the uniqueness of the project, Grindline was able to produce a solid estimate as part of the winning construction team and stick to their projected costs and schedules throughout. Long before the project began construction, Grindline provided important design feedback and value engineering suggestions to the architect and design team that was invaluable to getting the project to final design and funding.

It was a pleasure working with the entire Grindline team throughout the design and construction process. Their reputation and a 10+ year track record of in-house skatepark design/build experience contributed directly to the current success, popularity and quality of Paine's Park. We will not hesitate to use them again for future skateboarding projects in Philadelphia.

Sincerely,

/josh/

Joshua Nims, J.D.
Founder, FPSF
Project Manager, Paine's Park

129 S. 30th Street, Unit B
Philadelphia, PA 19104
215-222-4300
www.franklinspaine.com

Department of Parks & Recreation
17 North Main Street • Medford • NJ • 08055 • 609 / 654-2608 x338
FAX 609 / 654-6536

March 25, 2014

RE: GRINDLINE SKATEPARKS, INC. REFERENCE

To Whom It May Concern:

It is with great pleasure that I write this Letter of Recommendation on behalf of GrindLine Skateparks. GrindLine was contracted by the Township of Medford in late 2011 for a design/build project for a new concrete skatepark, replacing a wooden component park that was originally opened in 2000.

This was a grant-funded project, so it was bid as a "Not to Exceed" construction project based upon a conceptual design developed from input from both skaters and bikers. Our facility, the Freedom Park Skatepark, was intended to be one of the first hybrid facilities in New Jersey to be utilized by both sports.

The staff at GrindLine submitted a proposal that most closely matched the requests of the potential users. It was evident that they understood the needs and wants of both bikers and skaters, and at the time their reputation and references were all very positive. They also fully complied with the NJ MEL/JIF requirements for both design and construction liability immunities.

Work commenced in the summer of 2012, and the new facility opened in November. State and federal construction regulations in Medford are sometimes quite extensive, as the great majority of the Township is situated within the Pinelands Natural Reserve. Despite these added regulatory requirements, GrindLine provided innovative and quality service to Medford. The workers were knowledgeable, courteous, and maintained and secured the site during construction on a daily basis. Despite the complexity of the design, the Park construction was completed in a timely manner and within budget allocations. We had no change orders, as GrindLine management was very amenable to field changes that are inevitably necessitated during the construction process.

As the Director of Parks and Recreation for Medford Township since 1996, and having built several multi-million dollar parks, I can state without hesitation that GrindLine was one of the best firms that we have been involved with. Matt Fluegge and his staff have proven to be most capable, industrious and determined skatepark builders, and according to the users, our new facility has been an "awesome" asset to the Township of Medford!

If you have any questions or require additional information, please do not hesitate to contact me c/o the above address.

Sincerely,

Beth A Portocalis

Beth A. Portocalis, CPRP, RA, CPSI
Director of Parks & Recreation

www.medfordtownship.com

NEWARK
DELAWARE
Committed to Service Excellence

Micah,

I wanted to let you know how pleased the City of Newark is with the two skateparks that you constructed for us this summer, they are a hit! You did a great job in leading us through the design phase with the Newark Community and our committee. Your construction crew came in for one of the wettest summers on record and fought through the elements to complete two fantastic skate facilities. The Grindline staff worked with us very closely throughout the project and the construction crew kept us updated every day on what was completed and what was next on the schedule.

The final product is one that the City of Newark and the skate community is very proud of. Thanks for making it happen!

Joe Spadafino
Recreation Superintendent
Newark Parks and Recreation Dept.
220 South Main Street
Newark, DE 19711
(302) 366-7060
(302) 366-7169 fax
www.cityofnewarkde.us/parksrecreation

City of Seattle
Seattle Parks and Recreation

November 27, 2012

Hello,

This letter is a recommendation for Grindline Skateparks. I have had the pleasure of working with Grindline on four projects for the City of Seattle over the last five years.

- Delridge Skatepark: design and construction, completed in 2011
- Judkins Skatepark: design and construction to be completed in December 2012
- Benefit Skatedot.: design with phase 1 cotstruction, phase 2 pending funding
- Roxhill Skatepark: Construction to be completed in January 2013

Grindline has also completed construction for the Jefferson Skatepark with another Parks project manager. The team at Grindline has been extremely professional and easy to work with on every phase of a project.

During design they have worked with in-house Parks landscape architects. In the past they have also completed designs with landscape architects they partner with. Either way, they have worked through any challenges presented, making sure that projects are designed within scope and budget.

The design team is always able to communicate well at public meetings. They are prepared with presentations and communicative with the audience about incorporating ideas. They are also able to bridge the gap between styles requested by the skating community.

The construction leads for Grindline are some of the best I have worked with. Public Works projects are heavy on paperwork; all submittals, invoicing and other documentation have always been organized and delivered on time. Any issues that arise during construction are brought to the attention of the project manager right away and are addressed efficiently and in the most cost effective manner. Their crews are highly skilled and have delivered quality work on all of our projects.

Each element of work completed by Grindline has gone very smoothly and I highly recommend them for any project. Please contact me at (206) 233-2785 if you would like to ask any specific questions.

Sincerely,

Kelly Davidson
Project Manager, City of Seattle

SKATEPARK CONCEPT

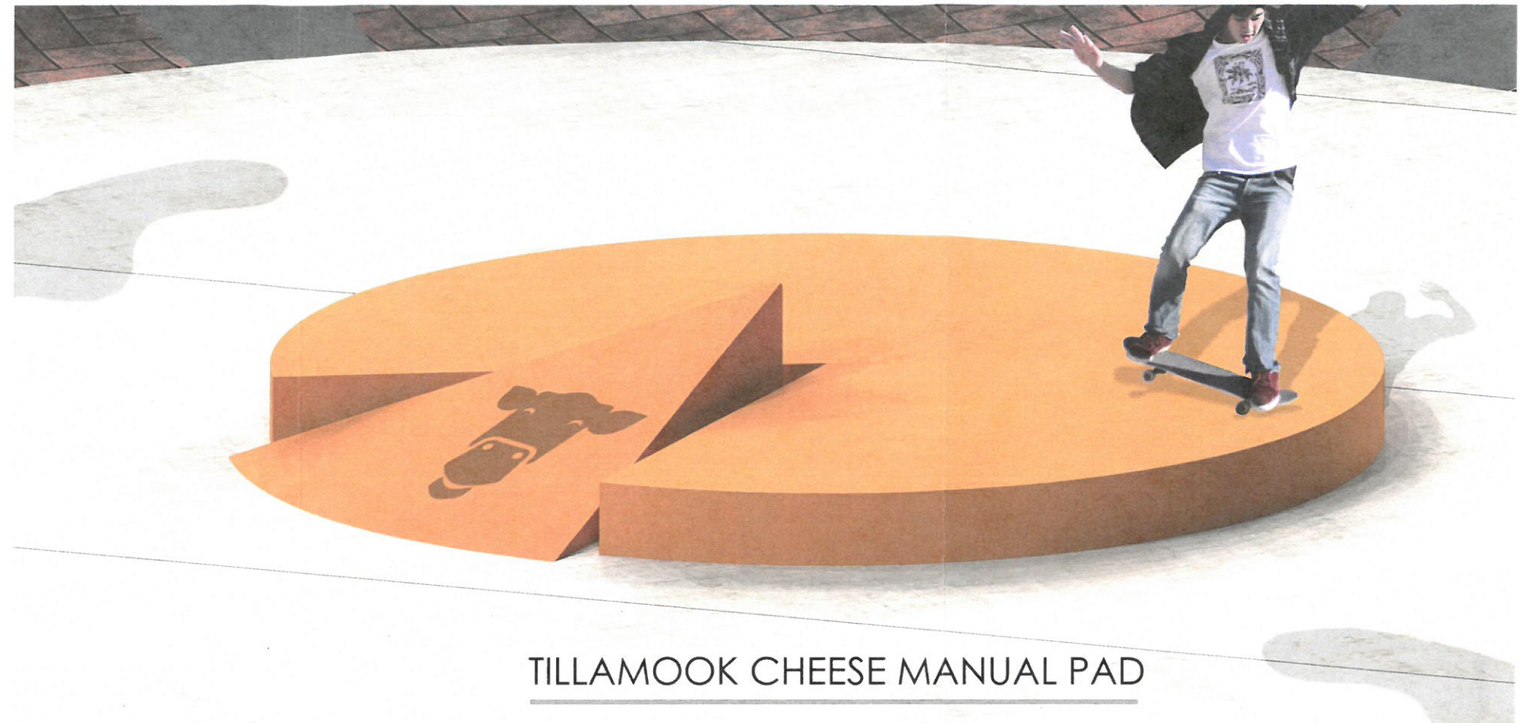
GOODSPEED PARK - TILLAMOOK, OREGON

GRINDLINE

CONCRETE SKATEPARK DESIGN & CONSTRUCTION

TILLAMOOK DAIRYLANDS

With such a history in dairy farming, we felt it was appropriate to incorporate some of this regional identity into our conceptual design for the Tillamook Skate Park. To mimic the black spots found on Holstein cows, we tried to blend black concrete bowls and subtle black spots throughout the layout of the skateable surfaces. We also think Tillamook has a fantastic cow logo that could accent various elements within the park.

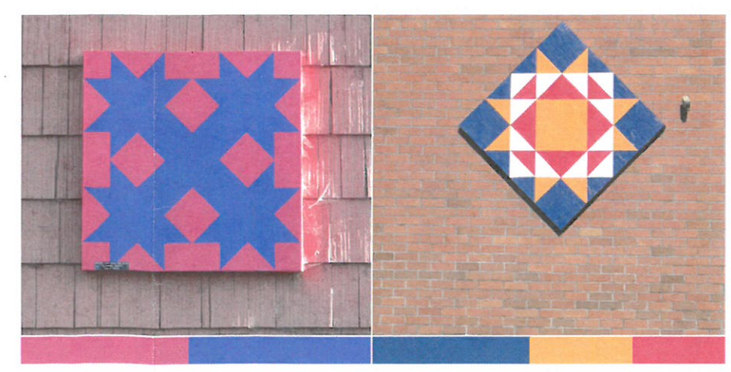


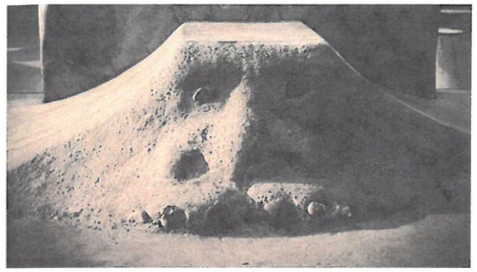
TILLAMOOK CHEESE MANUAL PAD

TILLAMOOK COUNTY TRAIL OF QUILTS

Tillamook's Trail Of Quilts would be another great conceptual approach to incorporating some local themes into the skate park design. We came up with the idea of borrowing some of the quilt patterns found throughout the city and replicating them into smaller custom ceramic pool tiles that could be used in the bowls.

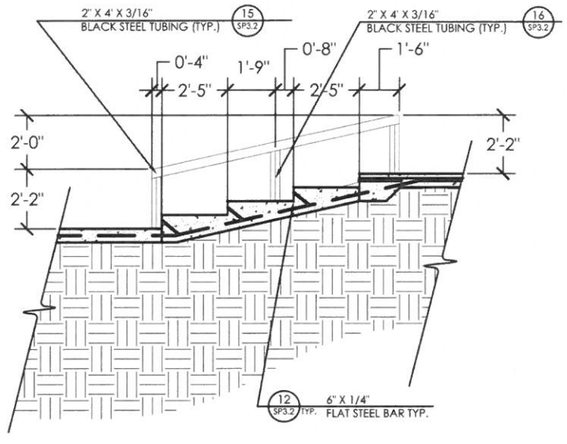
As another idea, local Tillamook students could paint their own miniature quilt tiles that would be gathered at the end of the design phase, glazed and installed during construction. We think this would be a great way to connect local themes and truly incorporate public participation into this skate park project.





GRINDLINE

CONCRETE SKATEPARK DESIGN & CONSTRUCTION



A
SP2.1

SECTION A
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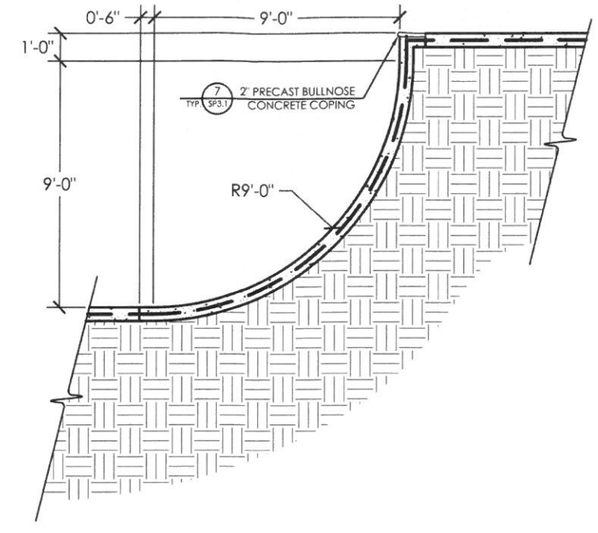

B
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SECTION B
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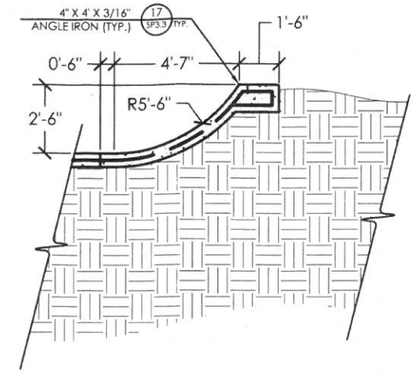

C
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SECTION C
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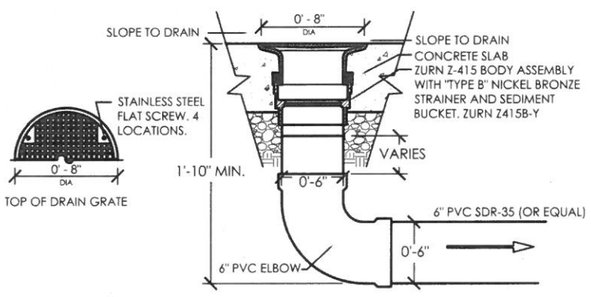
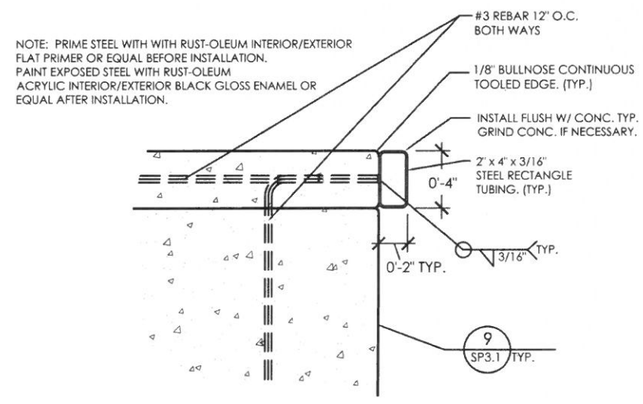


1
SP3.1

DRAIN
SCALE: NOT TO SCALE



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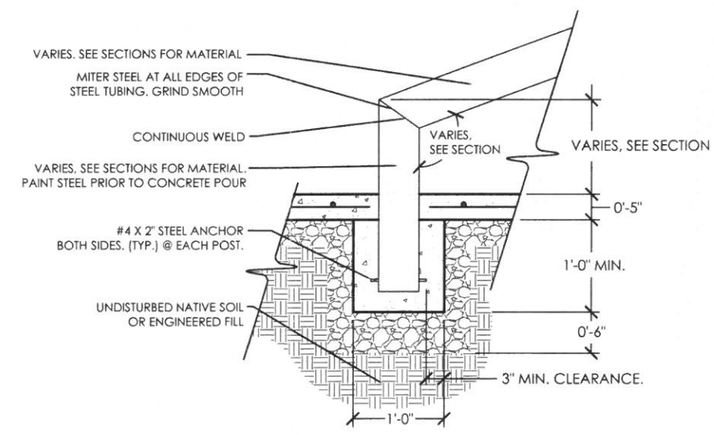
SP3.1

STEEL GRIND EDGE -
CANTILEVER STEEL TUBING
SCALE: NOT TO SCALE



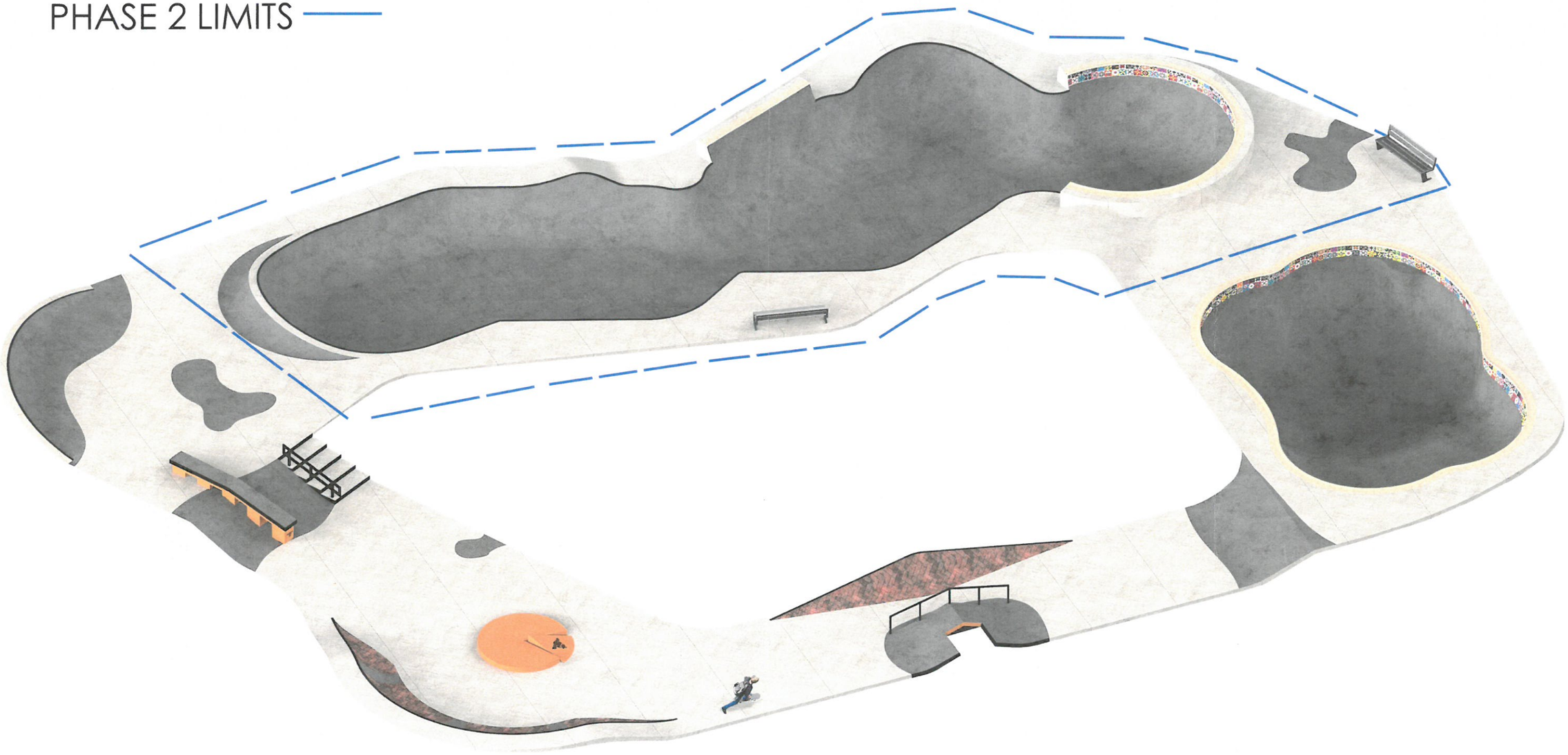
3
SP3.1

HANDRAIL FOOTING
SCALE: NOT TO SCALE

SKATE PARK ENGINEERING EXAMPLES

GOODSPEED PARK - TILLAMOOK, OREGON

GRINDLINE
CONCRETE SKATEPARK DESIGN & CONSTRUCTION



SKATEPARK CONCEPT

GOODSPEED PARK - TILLAMOOK, OREGON

GRINDLINE

CONCRETE SKATEPARK DESIGN & CONSTRUCTION