

City Council Staff Report



Applicant:

NA

Location:

Ira Allen Park

Prepared By:

Steven Lord, Public
Works Director

Public Hearing:

No

Attachments:

Qualifications Statement
Fee Proposal

REQUEST

Award the design contract for the Ira Allen Pickle Ball and Futsal courts to Sunrise Engineering.

BACKGROUND & DESCRIPTION

In May of 2019 the City Council approved \$350,000 of Parks and Recreation Impact Fee expenditure to be used as part of a Land and Water Conservation Fund Matching Grant to construct Pickle Ball and Futsal courts at Ira Allen Park.

In 2017 the City purchased 1.11 acres located on the North East side of Ira Allen Sports Park with the intent of building Pickle Ball Courts on that site. In subsequent conversations, the council approved building futsal courts adjacent to the pickle ball court on that site.

The estimated costs (which does not include donations in kind or monetary) for the entire budget is \$797,867. This cost includes the construction of 6 pickle ball courts, 2 futsal courts, and lights for the courts.

The Parks and Recreation Department applied and received the 2019 Land and Water Conservation Fund Grant for construction of Pickle Ball and Futsal Courts to be located at Ira Allen Sports Park in May of 2020. This grant is a 50% Matching Grant.

EVALUATION

A request for qualifications (RFQ) was sent to three separate firms with experience in designing pickle ball and/or futsal courts in August 2020 and responses were received in early September. A selection committee consisting of the Public Works Director, Public Works Manager, Recreation Director, and Parks Director evaluated the proposals independently and scored them based on the scoring criteria outlined in the RFQ.

The three firms invited were Sunrise Engineering, BluLine Design, and PEC. The results of the scoring are shown in the table below. Sunrise Engineering is the highest ranked firm. Upon selection of Sunrise Engineering as the preferred design consultant, a scope and fee request was submitted and the consultant responded with their fee proposal (see attached). Sunrise proposes a fee of \$27,300 to design the project, \$3,000 to assist in bidding and contract procurement for the construction and \$19,500 for construction services including on site inspection, submittal review, and billing assistance. Bidding assistance and construction services will be on a time and materials basis assessed at the time the services are needed. This allows the City to remove these services should they

be deemed unnecessary.

Ira Allen Pickle Ball Court Scoring Summary			
Consultant	Sunrise Engineering	BluLine Design	PEC
Qualifications (60)	60	59	57
Schedule/Availability (20)	19	19	17
Previous work of similar nature (20)	20	19	17
Total (100)	99	97	91

If the contract is awarded at the City Council meeting we anticipate the design to begin immediately and be completed In early December. The project will then be advertised during the latter part of December and early January with construction to begin in late February. This schedule anticipates a construction completion date of June 2021.

RECOMMENDATION

Adopt the attached resolution awarding the design contract for the Ira Allen Pickle Ball and Futsal courts to Sunrise Engineering.

RESOLUTION NO. 2020-

A RESOLUTION OF THE CITY OF MAPLETON, UTAH AWARDING THE DESIGN CONTRACT FOR THE IRA ALLEN PICKLE BALL AND FUTSAL COURTS TO SUNRISE ENGINEERING.

WHEREAS, Mapleton City was awarded a Utah Land Conservation Fund Matching Grant in the amount of \$797,867; and

WHEREAS, the grant was awarded for use towards the new construction of Pickle Ball and Futsal Courts located at Ira Allen Sports Park; and

WHEREAS, the contract for design services was advertised according to the procurement policies outlined in the grant award;

NOW THEREFORE, BE IT RESOLVED by the City Council of Mapleton, Utah to adopt a resolution awarding the design contract for the Ira Allen Pickle Ball and Futsal Courts to Sunrise Engineering.

This resolution adopted this 7th day of October, 2020 by the City Council of Mapleton City, Utah.

Dallas Hakes
Mayor

ATTEST:

Camille Brown
City Recorder



Design Services for Ira Allen Sports Park Pickleball and Futsal Courts

Mapleton City

September 15, 2020

September 15, 2020

Mapleton City
125 West Community Center Way
Mapleton, Utah 84664

Subject: Proposal for Design Services for Ira Allen Sports Park Pickleball and Futsal Courts

Dear Selection Committee Members:

Sunrise is highly experienced in providing the planning, design, bidding, and construction management of court projects and recreation facilities. We consider the design of courts to be one of our specialties. Our extensive experience gives us the ability to surpass a basic court design and instead provide you with a custom solution that incorporates Mapleton's unique desires into a premium quality design. Our mission as a company, and for this project, is to provide engineering solutions that work and relationships that last. There are several strong points in our proposal which highlight our qualifications to provide you with a high level of service and professional expertise, including the following:

1. **Specialized Team:** We have assembled a highly specialized team that has recently worked together on several court projects. The key members of our design team have worked together for over 15 years and have completed 18 pickleball and tennis court projects while at Sunrise Engineering. We have a working knowledge of the International Federation of Pickleball (IFP) court design specifications and requirements. The team shown in the proposal is the team that will be working with you on your project.
2. **Expertise and Award-Winning Design:** Our design team has the expertise required for your project. Our innovative design and attention to detail is evidenced in awards we have received for recent court projects. We received the "Innovation of the Year Award" from the Utah Recreation and Parks Association (URPA) for the design of the Little Valley Pickleball Complex. We also received the APWA Southern Utah Branch "Public Works Project of the Year" for the same project. We will provide Mapleton City with the same dedication and award-winning service.
3. **Cost and Efficiency:** Due to our extensive experience in court projects, our team has developed innovative design and analysis methodologies that allow us to complete custom pickleball court projects efficiently and effectively. We use the latest design software and structural analysis methods for post-tensioned concrete slab design. We have the manpower and resource library to produce court construction plans quickly and accurately.
4. **Schedule Goals:** This project has an aggressive design schedule. Our experience and work plan for this project will allow us to meet the schedule. Our project manager is required to update his supervisor weekly on the status of the project (both schedule and budget burn rate) using our internal Project Management Plan (PMP) reporting process. This will also allow us to update the City regularly and meet the required milestones and schedule goals for the project.

Sunrise Engineering is not only committed to this project, but in developing a relationship of trust with Mapleton City. Based on our staff and current workload we are willing and able to proceed without delay. The key personnel identified in this proposal are available and committed to exceeding your expectations. We respectfully request your support in our selection and look forward to working with you. Should you have questions, please contact me at 801.704.5209.

Sincerely,



Parry Osborn, PE

**Point of Contact:**

Parry Osborn, PE
 1180 North Mountain Springs Parkway
 Springville, Utah 84663
 801.704.5220
 posborn@sunrise-eng.com

SUNRISE Engineering

Sunrise has been responsible for many aspects of the design and construction administration of parks, trails and other recreational sites. Most of these sites have multiple facilities and activities included in one large area, reflecting the diverse

interests of the residents in the communities. Our staff is well versed in access roads, bike paths, irrigation systems, drainage and storm water systems, utility layout, facility design, and retaining walls. Our parks and other recreational sites are being enjoyed by communities throughout the western United States.

Our firm was established in 1978 and is acknowledged as a regional leader for professional engineering and consulting services. For the past 42 years, Sunrise has been led by an Executive Management Team who shares responsibility for the vision and operation of the firm. Their ability to work together and lead by example has brought continued success. Our current staff includes 365 people, 50 of whom are licensed engineers with a broad range of experience and diversity of interests. They are licensed to practice in 20 states.

We provide professional services in all fields and disciplines related to parks, trails, and recreation facility projects, and have completed a wide array of recreation facility projects that have given us the experience necessary to be a benefit to your project. Specifically, we specialize in these park related services:



-  Conceptual Planning
-  Master Planning
-  Impact Fee Analysis
-  Site and Civil Engineering
-  Funding
-  Permitting
-  Construction Administration
-  Survey and GIS
-  Environmental Services
-  ADA Compliance
-  Irrigation Water Improvements
-  Electrical Engineering
-  Testing and Inspection
-  Storm Water Pollution Prevention Plans
-  Building Architecture
-  Landscape Architecture

Our clients can depend on us to carefully administer projects from conceptualization through construction administration. For a more complete description of all of the services we provide, please visit our website at: www.sunrise-eng.com.

Key Personnel

Each of the team members shown below will be available to perform the necessary duties and tasks associated with Mapleton City's project. Each member of the team has demonstrated extreme professionalism on previous projects when it comes to going the extra mile and doing what it takes to finish projects on time and with high quality. Sunrise Engineering also has several offices in Utah that can provide additional professional resources if a deadline requires additional support.

Sunrise Engineering will provide all of the design and construction management engineering services for this project in-house. This includes design of court layout, drainage, structural, lighting, site amenities, and all other court features as desired by the City.



PARKS & RECREATION AWARDS

Utah Recreation and Parks Association

**Innovation of the Year
Award, 2012**

St. George City, Little Valley Pickleball Complex

APWA Southern Utah Branch

**Public Works Project of the
Year, 2012**

St. George City, Little Valley Pickleball Complex

JOE PHILLIPS, PE
Principal Engineer/QA/QC
REGISTRATIONS:
PE Utah No. 4777017
YEARS IN PROFESSION:
19; 19 with Sunrise

Joe has considerable specific experience with parks, trails, and recreation facilities, having been personally involved in over 100 such projects in his career. He has been the lead design engineer for 18 pickleball projects over the past 10 years. A highlight of his pickleball experience was the design of the Little Valley Pickleball facility in St. George, Utah. The Little Valley facility is a world class 24-court pickleball complex that received the Utah Parks and Recreation Association Innovation of the Year Award. The facility has served as the venue for the Huntsman World Senior Games, the USAPA west Regional Championships, along with other state and national events. Joe also recently was the principal engineer for the 11th Avenue Park Court Replacement Project in Salt Lake City, Utah.


Project Experience:
Court Facility Experience

- Draper South Fork Park Pickleball Court Design
- West Jordan City Ron Wood Park Pickleball Courts (On-going)
- St. George Little Valley Pickleball Complex
- Salt Lake City 11th Avenue Park Tennis and Pickleball Courts Project

- Salt Lake City Fairmont Park Court Improvements
- 2019 South Jordan City Pickleball Courts
- Sun River Pickleball Courts Project Review
- St. George Hidden Valley Park Court Replacement
- Cedar High School Tennis Court Replacement
- Bloomington Pickleball Courts

- SUU Pickleball Court Replacement
- Ivins Desert Rose Pickleball Courts
- SUU Tennis Courts Rebuild Project
- Snyderville Basin Trailside Park Tennis Courts
- Entrada County Club Court Improvements
- Sun River Villas Pickleball Courts
- The Boilers Park Pickleball Courts
- Mesquite City Pickleball Complex


STEVE HANSEN, PE
Lead Project Engineer
REGISTRATIONS:
PE Utah No. 5048199
YEARS IN PROFESSION:
17; 12 with Sunrise

Steve has 17 years experience in the civil engineering industry with a broad spectrum of civil and structural engineering projects. He has completed numerous parks and recreation projects and has served as project manager for the 2019 South Jordan Pickleball Courts, Draper Southfork Park Pickleball Courts, and the 11th Avenue Park Improvements project in Salt Lake City. Part of Steve's experience includes water and structural design for recreation projects including parks and other municipal facilities. He recently completed the Sullivan Virgin River Soccer Park Splash Pad project and the Fillmore City Park Splash pad project. As part of the Ogden Water Treatment re-construction project, Steve participated in the design of a zero scape low water use employee and visitor park.

Project Experience:
Park Designs and Court Projects

- 2019 South Jordan Pickle Ball Courts
- West Jordan City Ron Wood Park Pickleball Courts (On-going)
- Draper Southfork Park Pickleball Court Design
- Salt Lake City 11th Avenue Park Tennis and Pickleball Courts
- Draper Andy Ballard Arena Upgrades

- Franklin, ID City Park Pickleball Courts

Splash Pad Designs

- Sullivan Virgin River Soccer Park Splash Pad
- Fillmore Park Splash Pad
- Saratoga Springs Village Splash Pad
- Lyman, WY Splash Pad
- Alligator Dental Splash Pad
- Winter Park, Florida Splash Pad
- Wichita Falls, Texas Splash Pad

- Evanston, WY Splash Pad

Pavilions and Park Structures

- Wellington Pavilion
- Mt. Ogden Golf Course Pavilion
- Seegmillar Park Pre-Fab Storage Building
- Jordan River Trail Pedestrian Bridge Abutment

Project Experience

Design of court projects is a strength and primary focus of our parks and recreation engineering team. Our team has developed methodologies that result in the design and analysis of custom pickleball courts quickly and within budget. We use the latest design software along with Finite Element Analysis (FEA) for structural analysis which streamlines the plan production process. Based on our past pickleball projects, we have identified the following areas where our specific project experience has given us expertise which may be applicable to your project:

Court Lighting

Several of our court projects have included court lighting. The Little Valley Pickleball facility has 24 courts. Lighting was a key element on the project. Our project team identified and implemented a MUSCO lighting system. Our engineers identified the design criteria for the system, and designed the power requirements along with the power supply equipment. We also worked together with MUSCO to determine the best layout and design for the lighting of the courts.

Site Amenities

We have implemented the design and construction of site amenities in our previous court design. Site amenities for court projects

typically include shade structures, walkway lighting, drinking fountains, bottle fillers, sound systems, gathering areas, and other enhancements to improve the users' experience of the facility.

Special Design/Construction Considerations

Our previous court experience has allowed us to learn some of the critical components of court design that lead to a successful project and provide court surfaces that will be durable and long-lasting. These special design and construction considerations include:

- Specifying tendon repair measures to prevent oil spots
- Moist curing concrete to reduce shrinkage cracking
- Specifying fiber admixture to prevent shrinkage cracking
- Following curing requirements for court surfacing
- Following International Federation of Pickleball (IFP) standards for court design

Our dedicated team, past project experience, and specialized expertise relating to pickleball court projects will ensure that your pickleball court project is completed successfully on time and within budget.

Recent Court Projects	Public Participation	Planning/Budgeting	Survey/GIS Services	Site/Civil Engineering	ADA Compliance	Electrical Engineering	Landscape Architecture	Irrigation System Design	Building Architecture	Permitting	Bidding/Negotiating	Construction Admin
2019 South Jordan Pickleball Courts		●		●		●					●	●
Boilers Park Pickleball Courts	●	●	●	●	●	●	●	●	●	●	●	●
Little Valley Pickleball Facility	●	●	●	●	●	●	●	●	●	●	●	●
SUU Tennis Court Reconstruction		●	●	●	●						●	●
11th Avenue Park Court Improvements		●	●	●	●		●	●			●	●
Bloomington Pickleball Courts				●		●						●
SUU Pickleball Courts		●	●	●	●						●	●
Trailside Park Tennis Courts				●						●		●
Cedar High School Tennis Courts Reconstruction		●	●	●	●						●	●
Sun River Pickleball Courts Reconstruction		●	●	●	●	●					●	●
Entrada Court Replacement Project	●	●	●	●	●							●
Desert Rose Park Pickleball Courts				●							●	●
Canyon View High School Tennis Courts		●	●	●	●						●	●
City Park Court Improvements				●								
Hidden Valley Park Courts Replacement		●	●	●	●						●	●
Fairmont Park Tennis Courts				●								●
Lions Park Pickleball and Basketball Courts		●	●	●								
Sun River Villas Pickleball Courts			●	●		●					●	●
Draper Southfork Park Pickleball Courts		●		●								

SOUTH JORDAN PICKLEBALL COURTS

South Jordan, Utah



South Jordan City contracted Sunrise to construct six post-tensioned concrete pickleball courts as part of the City Park located on Redwood Road. Sunrise's services included preparation of construction documents, construction drawings, project specifications, project bidding assistance, and construction administration. Our scope of services included fencing appurtenant thereto, electrical lighting system design, and grading and drainage evaluations. The courts were designed to best work with the geotechnical recommendations and CAD drawings provided by the client. We provided drawing and specifications and an engineer's opinion of probable construction cost of our improved court design. The client desired to have the courts lit using a MUSCO lighting system. Sunrise facilitated the integration of the system, which included a push button and strobe light configuration for leisure play, an override feature to turn the lights out at a predetermined time, and an override feature to keep the lights on for tournament play.

Highlights:

- Post-Tensioned Concrete Courts
- MUSCO Court Lighting System
- Prefabricated Restroom Facility
- Prefabricated Pavilion
- Multi-Consultant Coordination
- Public Involvement Process
- Public Announcement System

DATE: October 2015 | **CONSTRUCTION COST:** \$1,736,000 | **CONSTRUCTION TIME:** 120 days | **REFERENCE:** Jeff Peay - 435.627.4538

11TH AVENUE PARK COURT IMPROVEMENTS

Salt Lake City, Utah



Salt Lake City Corporation retained Sunrise Engineering as the firm most qualified to assist on the re-construction of the 11th Avenue Park Tennis Facility. The original complex consisted of eight asphalt tennis courts; through a public participation process, it was determined that the courts would be replaced with six tennis courts and six pickleball courts. The City elected to construct post-tensioned concrete courts for their durability and longevity. Integral to the project was the collection and routing of spring water which had been a nuisance and degrading factor for the existing courts. A spring collection system consisting of perforated pipe and washed drain rock was installed behind a corten steel gabion retaining wall, eliminating flow paths which would otherwise allow water to reach the courts.

The Greater Avenues Community Council, a local community advocacy group, provided input which influenced the design outcome of the project.

Highlights:

- Spring Collection and Routing
- Gabion Retaining Wall
- Post-Tensioned Concrete Courts
- 12' Vinyl Coated Chain Link Fence
- Shade Structures
- Water-Wise Landscaping
- ADA Accessibility

DATE: October 2016 | **CONSTRUCTION COST:** \$814,000 | **CONSTRUCTION TIME:** 120 days | **REFERENCE:** Ron Salisbury - 801.535.6157

LITTLE VALLEY PICKLEBALL FACILITY

St. George, Utah



The Little Valley Pickleball Facility is a world-class 24-court pickleball complex completed by the City of St. George in two phases. The City's consultant for the project, Sunrise Engineering, completed the site and civil engineering design for the project while the landscaping and irrigation design was completed by the Owner. Project coordination included a series of design iteration meetings with City staff and the Southern Utah Pickleball Association. Site amenities include post-tensioned concrete courts with chain link fence and wind screen, a MUSCO court lighting system to allow for night tournaments, a public announcer system, magnetic tournament and announcement boards, a central pavilion-type tournament command center, shade structures, on-site parking improvements, a restroom and storage building, etc.

St. George City was awarded the Utah Parks and Recreation Association Innovation of the Year Award for the complex. Among other state and national events, the courts serve as the venue for the Huntsman World Senior Games, and host to the USAPA West Regional Championships.

Highlights:

- Post-Tensioned Concrete Courts
- Multi-Consultant Coordination
- Public Involvement Process
- MUSCO Court Lighting System
- Public Announcement System
- Central Pavilion
- URPA Award-Winning Facility

DATE: October 2015 | **CONSTRUCTION COST:** \$1,736,000 | **CONSTRUCTION TIME:** 120 days | **REFERENCE:** Jeff Peay - 435.627.4538

TRAILSIDE PARK TENNIS COURTS

Park City, Utah



Renner Sports Surfaces, a contracting company specializing in tennis court and running track surfaces, was commissioned by Snyderville Basin Special Recreation District to design and build a set of tennis courts adjacent to its existing courts at Trailside Park in Park City, Utah. Renner Sports Surfaces retained Sunrise Engineering to assist with site and court layout and to complete the structural calculations for the post-tensioning tendons in the concrete courts.

Sunrise completed the work and also provided court and fencing details as well as an erosion control plan necessary for permitting by Summit County.

We responded to a short design window, and maintained communication with both the client and owner throughout the process.

Highlights:

- Design-Build Approach
- Post-Tensioned Concrete Courts
- Site Plan
- Drainage Plan
- Erosion Control Plan
- Short Design Window

DATE: April 2013 | **CONSTRUCTION TIME:** 60 days | **REFERENCE:** Mile Minson - 801.269.9991

BLOOMINGTON PICKLEBALL COURTS

St. George, Utah



Sunrise Engineering was contracted to provide field design and construction administration on a design-build pickleball court project for St. George City. The project consisted of a four-court, post-tensioned concrete pickleball court facility complete with site storm drain system modifications, sub-grade and base course preparation, placement of the concrete court with perimeter and access sidewalks, site grading, etc. Court amenities included surface finishing, perimeter fencing, net posts, and nets. Sunrise provided engineering design for a MUSCO court lighting system compatible with and tying into the existing field lighting system at the park. A local community council partnered with the City to provide some labor and equipment in the improvement effort. The City's motivation for contracting with Sunrise was based on Sunrise's expertise with post-tensioned courts and other recreation projects, previous successful similar projects with the City, and the City's manpower overload existing at the time. The benefit to the local community is close access to quality pickleball facilities.

Highlights:

- Community Involvement
- Post-Tensioned Courts
- Design-Build Process
- MUSCO Court Lighting System

DATE: July 2014 | **CONSTRUCTION COST:** \$190,000 | **CONSTRUCTION TIME:** 90 days | **REFERENCE:** Jeff Peay - 435.627.4538

ENTRADA COURT IMPROVEMENTS

St. George, Utah



Sunrise Engineering was direct selected based on reputation for conceptual design of high-quality post-tensioned court facilities. The scope of work included meeting with shareholders and management to understand the deficiencies in the current layout of courts, to plan for future expansions, and to take into consideration the safety and well-being of Entrada's club members. After meeting on several occasions with the Country Club and noting the concerns of its members it was determined the existing tennis and pickleball court complex did not offer ideal orientation, dimensions, suitable access, gathering areas, or adequate drainage.

Sunrise worked closely with members, players, management, shareholders and contractors to prepare multiple alternatives with associated cost estimates to help give Entrada direction on a new facility that would satisfy its members, be cost-minded, and ultimately feel like a Country Club facility.

Highlights:

- 10 Alternative Layouts
- 10 Opinions of Cost
- Short Study Period
- Coordination with Multiple Shareholders

DATE: October 2017 | **CONSTRUCTION COST:** \$320,000 | **CONSTRUCTION TIME:** 90 days | **REFERENCE:** David Hall - 435.986.2203

SUN RIVER HOA PICKLEBALL COURTS

St. George, Utah



Sunrise was direct-selected based on reputation for designing and facilitating high-quality post-tensioned concrete court projects. The HOA's existing pickleball court complex originally consisted of asphalt courts which were in various failure modes and didn't meet USAPA regulations. The HOA contacted Sunrise to complete a failure analysis and recommend solutions for repair or replacement of the courts.

The scope of work included removal of poor soils beneath the court footprint and replacement with structural fill prior to placement of the courts. The improvements consisted of 14 post-tensioned concrete courts with perimeter fencing and wind screens. A spectator and player gallery were constructed along the west side of the complex with shade structures, trash receptacles and seating for patrons. Power pedestals were installed at each court, and walkway lighting was installed to promote safe ingress and egress during early and late hours.

Highlights:

- Failure Analysis and Recommendations
- Removal of Existing Courts and Poor Soils
- Post Tensioned Concrete Courts
- USAPA Design and Construction
- Shade Structures and Site Amenities
- ADA Accessibility
- Court and Walkway Lighting

DATE: October 2016 | **CONSTRUCTION COST:** \$485,000 | **CONSTRUCTION TIME:** 90 days | **REFERENCE:** Brian Webster - 435.773.6456

DESERT ROSE PARK PICKLEBALL COURTS

Ivins, Utah



The City of Ivins Desert Rose Park was a project completed by the City with in-house staff as budget and time allowed. The City approached Sunrise to help prepare conceptual plans, design drawings, construction drawings and specifications for a post-tensioned pickleball court facility at the park.

Sunrise completed the work including structural drawings and calculations, and also provided court and fencing details as well as post-tension special provision specification for construction.

Highlights:

- Post-Tensioned Concrete Courts
- Structural Calculations
- Court and Fencing Details
- Post-Tensioned Specifications

DATE: March 2017 | **CONSTRUCTION COST:** \$80,000 | **CONSTRUCTION TIME:** 45 days | **REFERENCE:** Tom Jorgensen, PE - 435.634.0689

Project Schedule & Work Plan

The assigned schedule by the City is aggressive and as such will require a detailed work plan in order to meet the construction goals of the City. The Sunrise Engineering team shown in this proposal has successfully completed numerous court projects and has developed successful work plans that emphasize efficiency in meeting deadlines while maintaining high quality work.

The basic work plan for the project is as follows and as represented in the schedule below.

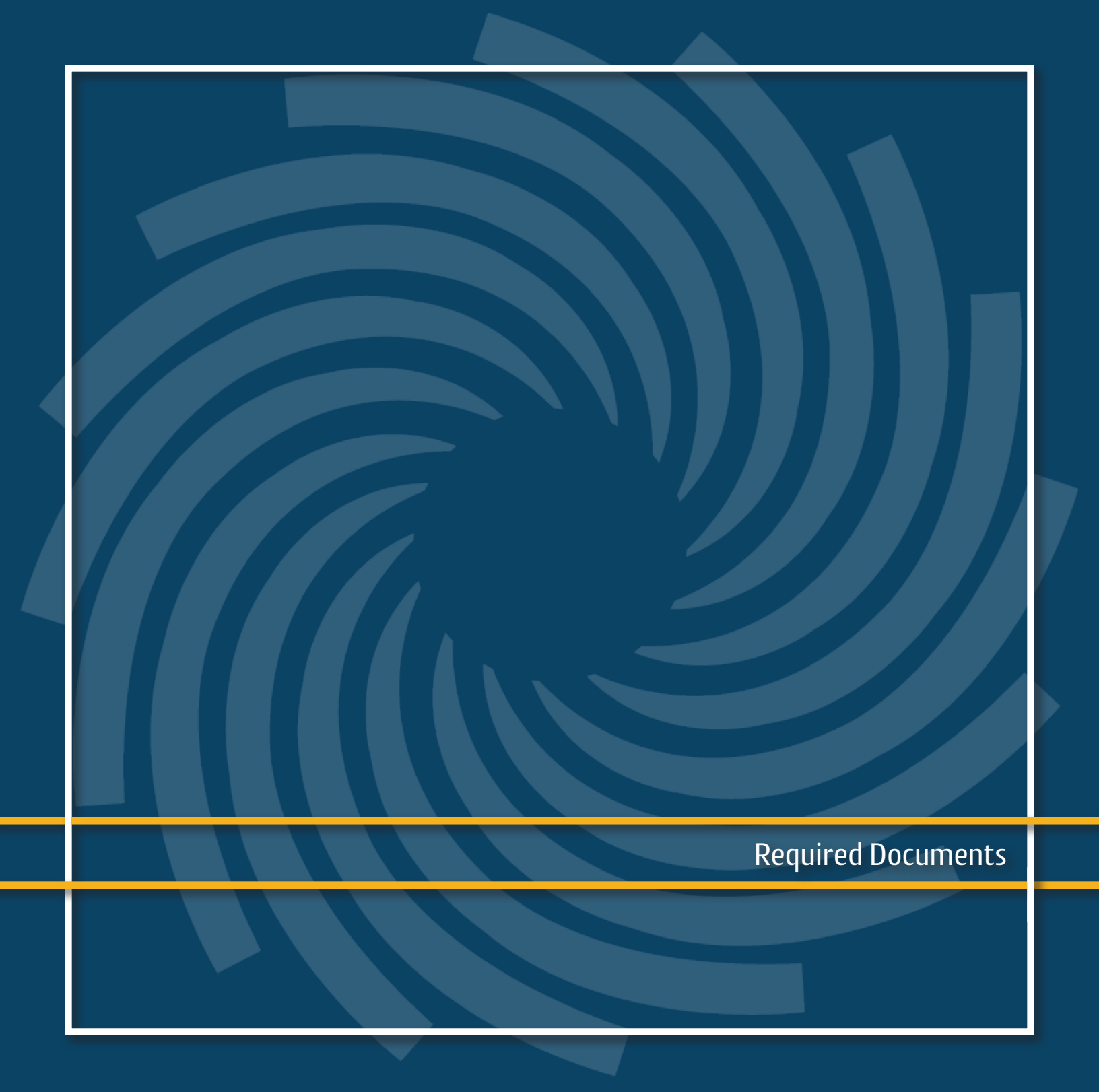
- Project Kickoff:** We will hold a meeting with the City to kick off the project, establish design criteria and review deliverable expectations.
- Gather Data:** Sunrise will request and gather all applicable and relevant information and data for the project including survey, GIS of utilities, existing geotechnical, and any concept plans.
- Preliminary Design:** Sunrise will prepare and submit concept court plans for the project showing court line locations, possible amenities (as desired by the City), and a basic project layout.
- City Review of Preliminary Design:** Due to the aggressive schedule of the project, Sunrise will anticipate review to be turned around within a few days. The schedule shown anticipates one week.
- Final Design & Construction Drawings:** Sunrise will prepare the construction documents that include the construction plans and project manual. The project manual will contain the technical specifications relevant to the project.
- City Review of Final Design:** Due to the aggressive schedule of the project, Sunrise will anticipate review comments to be turned around within a few days. The schedule shown anticipates one week.
- Project Bidding and Award to Contractors:** Procurement of the contractor will proceed as required by the City's procurement code.
- 17. Construction:** The main elements of the construction timeline are shown in the project schedule below. Of critical importance is allowing the PT-slab to cure properly prior to installing court surfacing and striping. Based on our past experience, provided that the contractor selected can start work on the date of notice to proceed, substantial completion can be accomplished by June 15, 2021.

		Sep-20				Oct-20				Nov-20				Dec-20				Jan-21				Feb-21				Mar-21				Apr-21				May-21				Jun-21							
Task	Description	9/7	9/14	9/21	9/28	10/5	10/12	10/19	10/26	11/2	11/9	11/16	11/23	11/30	12/7	12/14	12/21	12/28	1/4	1/11	1/18	1/25	2/1	2/8	2/15	2/22	3/1	3/8	3/15	3/22	3/29	4/5	4/12	4/19	4/26	5/3	5/10	5/17	5/24	5/31	6/7	6/14	6/21	6/28	
1	Project Award & Kickoff																																												
2	Gather Data- Survey, Geotech, & Other Data																																												
3	Preliminary Design																																												
4	Mapleton Preliminary Design Review																																												
5	Final Design and Construction Drawings																																												
6	Mapleton Final Review																																												
7	Design and Construction Contingency*																																												
8	Project Bidding & Award To Contractor																																												
9	Contractor Notice to Proceed																																												
10	Court Earthwork and Concrete Prep																																												
11	Concrete Pour and PT Tensioning																																												
12	Concrete Curing																																												
13	Fencing & Other Site Work																																												
14	Court Surfacing & Striping**																																												
15	Court Netting Installed																																												
16	Substantial Completion																																												
17	Non-Essential Amenities (Benches, Fountains, etc.)																																												
18	Finish Punch-List Items																																												

*The proposed dates in the RFP allow for some contingency to the project. This time can be used should extra design or construction time be deemed necessary.

**Requires temperatures above 50 degrees for two weeks and seven days of no rain. This is typically started no earlier than mid-April to meet these requirements.

Note: The construction schedule can be adjusted to meet the City's requirements. This schedule was built to show substantial completion by June 15, 2021 to match the RFP Requirements.



Required Documents

Business License

STATE OF UTAH
DEPARTMENT OF COMMERCE
DIVISION OF OCCUPATIONAL & PROFESSIONAL LICENSING

ACTIVE LICENSE

EFFECTIVE DATE: 03/08/2001
EXPIRATION DATE: 11/30/2021

ISSUED TO: Sunrise Engineering Inc
25 E 500 N
FILLMORE UT 846313513



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

4876950-5550 LRF Business Member - Other

SIGNATURE OF HOLDER

Liability Insurance

Client#: 1915		SUNRISEENG	
ACORD™		CERTIFICATE OF LIABILITY INSURANCE	
		DATE (MM/DD/YYYY) 09/25/2019	
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.			
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).			
PRODUCER Moreton & Company P.O. Box 58139 Salt Lake City, UT 84158-0139 801 531-1234		CONTACT NAME: Anne Marie Evans PHONE (A/C, No, Ext): 801 531-1234 FAX (A/C, No): 801-531-6117 E-MAIL: aevans@moreton.com ADDRESS:	
INSURED Sunrise Engineering, Inc. 25 East 500 North Fillmore, UT 84631		INSURER(S) AFFORDING COVERAGE	
		INSURER A : Arch Insurance Company	
		INSURER B : Travelers Property Casualty Co. of Am	
		INSURER C : Great American Insurance Company of NY	
		INSURER D : Travelers Casualty & Surety Co. of Amer	
		INSURER E :	
		INSURER F :	

COVERAGES		CERTIFICATE NUMBER:		REVISION NUMBER:	
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.					
INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC OTHER:		ZAGLB9236402	10/01/2019	10/01/2020
					EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
A	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS ONLY		ZACAT9249102	10/01/2019	10/01/2020
					COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$0		ZUP41N0144319NF	10/01/2019	10/01/2020
					EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE/OFFICER/MEMBER EXCLUDED? ☒ Y ☒ N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	ZAWCI9423202 Stop Gap: ND,WA,WY	10/01/2019	10/01/2020
					☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C	Valuable Papers		MAC241140902	10/01/2019	10/01/2020
					\$150,000
D	Professional Liab		106928242	10/01/2019	10/01/2020
					\$5,000,000 Each Claim \$5,000,000 All Claims

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

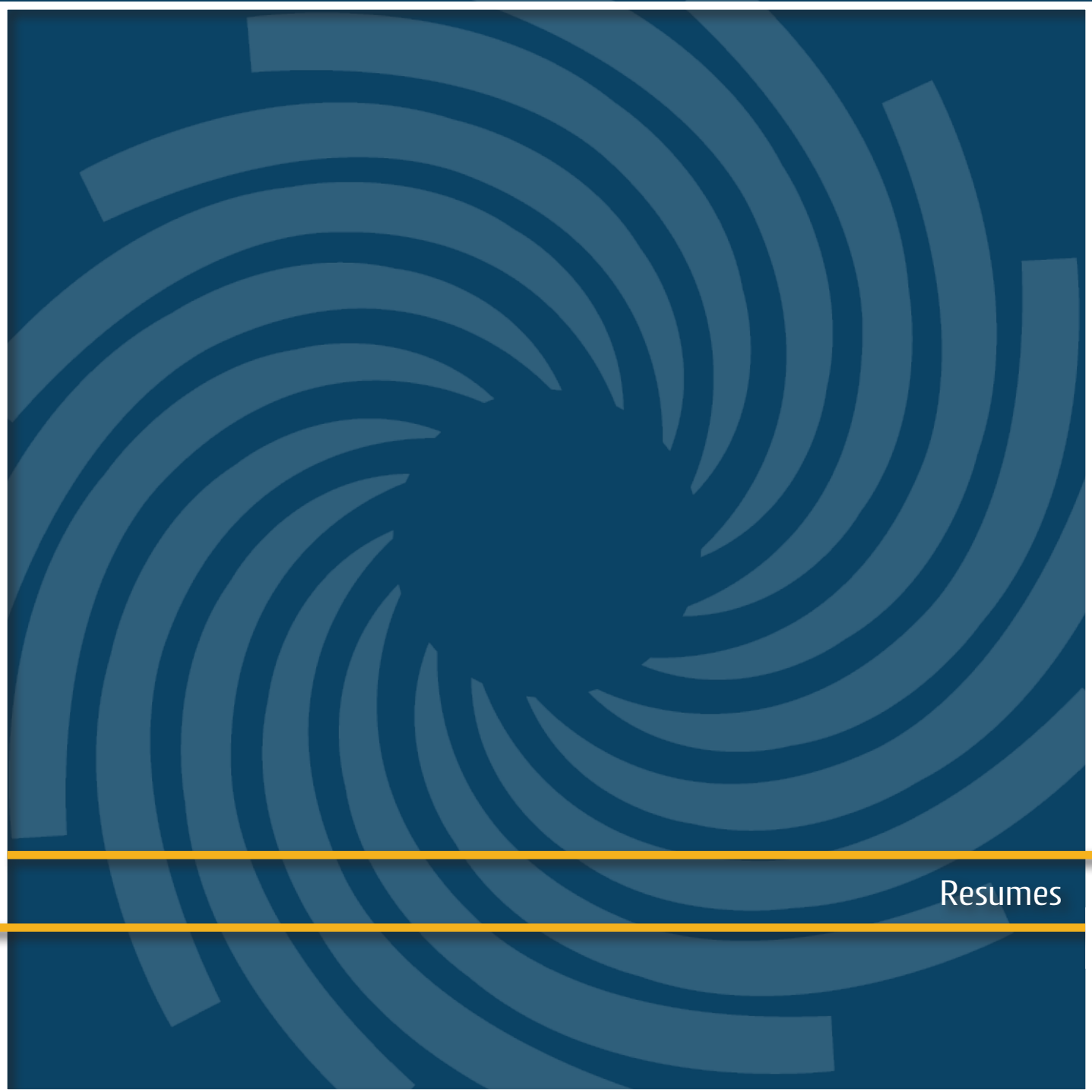
Proof of Coverage.

CERTIFICATE HOLDER	CANCELLATION
Proof of Coverage	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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 ACORD 25 (2016/03) 1 of 1 The ACORD name and logo are registered marks of ACORD
 #S1211615/M1211334

ANNEV



Resumes

PARRY OSBORN, PE

In his professional career, Parry has managed many different projects in the water/wastewater industry. He has worked with small municipalities and large utilities as well as industrial customers to design water, wastewater, and industrial water treatment solutions. He has also been heavily involved with the structural engineering for many different kinds of water treatment equipment for those projects.

Parry's expertise has been in treatment equipment and process design. He has managed over 30 different projects and served as QA/QC for many others. He has worked with environmental cleanup (SuperFund) projects, power plant pond closures, and mine-water remediation projects. He has also worked with most aspects of both drinking water and wastewater treatment as well as multiple industrial projects to meet their water needs or wastewater cleanup requirements.

Parry has completed numerous mechanical checkouts and has been on site for equipment installation and construction observation. Additionally, Parry has participated in many startups and has completed dozens of operator training sessions.

SUNRISE EXPERIENCE

- TEM Properties - Camelot Property Wetland Mitigation
- Thanksgiving Point Irrigation Pond Liner Replacement
- Caterville and Springville Lift Station
- Rio Tinto Kennecott Utah Copper EWRR PH1 Detail Engineering
- Goshen Water Master Plan
- Loa Fish Hatchery Programming
- Pine Bluffs - Phase 1 - 2018 Sewer Upgrades
- Rio Tinto Kenecott Copper Park at Lark FS Engineering
- Clawson Excavating - Fruitland Canal Slope Stabilization
- Hyde Park Storm Water Master Plan
- Mapleton IraAllan Park Sport Courts
- Mt. Pleasant Water Treatment PER & EA

ADDITIONAL EXPERIENCE WITH FORMER EMPLOYER

- BP Amoco 35' diameter elevated steel gravity filter replacement, North Carolina
- Public Wholesale Water Supply District No. 18, Kansas
- Parsons Ave. Water Treatment Plant, Ohio
- Highland Creek, Toronto, British Columbia
- Oasis Water Treatment Plant, Arizona -
- Wylie Water Treatment Plant, Texas
- Dow Chemical, Texas
- Borough of Hanover WWTP, Pennsylvania
- Southern California Winery, California
- St Cloud Water Treatment Plant, Minnesota
- Louisville Gas and Electric Company, Kentucky
- Utah Valley WTP
- Springdale WTP



PROJECT MANAGER

EDUCATION

M.S. - Civil and Environmental Engineering, Utah State University, 2010

YEARS IN PROFESSION

9; 1 with Sunrise

REGISTRATIONS

Professional Engineer:
Utah No. 8740929-2202
Minnesota No. 53390

AREAS OF EXPERTISE

Water, wastewater, industrial water treatment, project management, structural engineering

MEMBERSHIPS

Member ASCE, AWWA, AISC, WEF/WEAU

PUBLICATIONS

Residual Prestress Forces and Shear Capacity of Salvaged Prestressed Concrete Bridge Girders
Carbon Fiber Shear Retrofit of Forty-Two-Year-Old AASHTO II-Shaped Girders
SHEAR CAPACITY OF IN SERVICE PRESTRESSED CONCRETE BRIDGE GIRDERS - UDOT Research Report No. UT-10.09
Ultimate Shear Capacity and Residual Prestress Force of Full-Scale, Forty-One-Year-Old Prestressed-Concrete Girders - Utah State University Digital Commons@USU

JOE PHILLIPS, PE

Joe has 19 years of experience in the planning, design and construction of many municipal engineering projects. He has been a project manager for 17 of those years. Much of his experience has come from serving as a contracted city or district engineer. This has given him considerable knowledge of the day-to-day operations and technical issues experienced by these entities. Joe has considerable specific experience with parks, trails, and recreation facilities, having been personally involved in over 100 such projects in his career. He began his professional career working on design and construction administration efforts on the 60-acre Butterfield Park in Herriman, Utah. His experience also includes successfully coordinating with BLM, USACE, USFWS, and NDEP for environmental clearances to construct the Meadow Valley Wash Shared Use Trail in Nevada. Notably, he worked as the project engineer for the 11th Avenue Park Court Replacement project in Salt Lake City.



PRINCIPAL ENGINEER/QA/QC

COURT FACILITY EXPERIENCE

- Draper South Fork Park Pickleball Court Design
- St. George Little Valley Pickleball Complex
- Salt Lake City 11th Avenue Park Tennis and Pickleball Courts Project
- Salt Lake City Fairmont Park Court Improvements
- South Jordan City Pickleball Courts
- Sun River Pickleball Courts Project Review
- St. George Hidden Valley Park Court Replacement

MASTER PLANNING EXPERIENCE

- Cedar City Canyon Ranch Sports Complex Master Plan
- St. George City Curly Hollow Park Master Plan
- Ephraim City Parks Master Plan
- Eureka City Parks Master Plan
- Santa Clara City Parks and Trails Master Plan
- St. George City Arts, Parks, and Trails Master Plan
- Springdale Parks and Rec Master Plan
- Ivins Parks and Trails Master Plan

TRAILS EXPERIENCE

- Sandy City Canal Trail
- Santa Clara Claude Drive Trail Connection
- Meadow Valley Industrial Park Shared Use Trails
- Caliente Rail City Pedestrian Way

NEIGHBORHOOD PARK EXPERIENCE

- St. George Firehouse Park
- Santa Clara Gubler Park Improvements
- Herriman City W&M Butterfield Park
- Toquerville City Park Improvements
- City of Caliente Rose Park
- City of Caliente Rail City Linear Park
- Meadow Valley Wash Linear Park
- Lincoln County Pioneer Park
- Lincoln County D.C. Day Park
- St. George City Sunset Park Phase II
- Washington City Green Springs Park Improvements

SPORTS AND FIELD COMPLEX EXPERIENCE

- St. George Bloomington Baseball Field
- St. George Little Valley Soccer Fields Phase II
- St. George Little Valley Sports Fields Phase V
- St. George Curly Hollow Soccer Complex
- City of Caliente Dixon Park
- Herriman City W&M Butterfield Park Baseball Fields
- SUU Soccer Field Improvements

SPECIALTY FACILITY EXPERIENCE

- Draper City Andy Ballard Equestrian Center
- Lincoln County Fair & Rodeo Grounds
- City of Caliente Pool Building Replacement
- Washington Sullivan Park Splash Pad

EDUCATION

- BS - Civil Engineering, Brigham Young University

YEARS IN PROFESSION

- 19; 19 with Sunrise

REGISTRATIONS

- Professional Engineer:
 - UT #4777017
 - NV #017304
 - AZ #43311
- State Water Right Surveyor:
 - NV #1262

MEMBERSHIPS

- Utah Recreation and Parks Association (URPA)

AWARDS

- ASCE Southern Utah Branch Outstanding Water Works Project 2008 (Orderville Town Culinary Water Improvements Project)
- Utah Recreation and Parks Association Innovation of the Year Award, 2012 (St. George City, Little Valley Pickleball Complex)
- APWA Southern Utah Branch Public Works Project of the Year, 2012 (St. George City, Little Valley Pickleball Complex)

STEVE HANSEN, PE, SE

Steve has 17 years experience in the civil engineering industry with a broad spectrum of civil and structural engineering projects. He has completed numerous parks and recreation projects and has served as project manager for the 11th Avenue Park Improvements project in Salt Lake City, Utah, the Draper Southfork Park Pickleball Courts, and the Andy Ballard Arena Upgrade in Draper, UT. Part of Steve's experience includes water and structural design for recreation projects including parks and other municipal facilities. He recently completed the Sullivan Virgin River Soccer Park Splash Pad project and the Fillmore City Park Splash pad project. As part of the Ogden Water Treatment re-construction project, Steve participated in the design of a zero scape low water use employee and visitor park.



LEAD PROJECT ENGINEER

PARK DESIGNS AND COURT PROJECTS

- 2019 South Jordan Pickleball Courts
- West Jordan Ron Wood Park Pickleball Courts
- Draper Southfork Park Pickleball Court Design
- Salt Lake City 11th Avenue Park Tennis and Pickleball Courts
- Draper Andy Ballard Arena Upgrades
- Franklin, ID City Park Pickleball Courts

PAVILIONS AND PARK STRUCTURES

- Wellington Pavilion
- Mt. Ogden Golf Course Pavilion
- Seegmillar Park Pre-Fab Storage Building
- Jordan River Trail Pedestrian Bridge Abutment

SPLASH PAD DESIGNS

- Sullivan Virgin River Soccer Park Splash Pad
- Fillmore Park Splash Pad
- Saratoga Springs Village Splash Pad
- Lyman, WY Splash Pad
- Alligator Dental Splash Pad
- Winter Park, Florida Splash Pad
- Wichita Falls, Texas Splash Pad
- Evanston, WY Splash Pad

ADDITIONAL EXPERIENCE

- CC Cragin Tank (AWWA D110 Type III)
- Herriman 5.0 MG Tank (AWWA D115)
- Stansbury 3.0 MG Tank (AWWA D115)
- USU Energy Storage Tank (AWWA D115)
- Eagle Mountain 2.5 MG Tank 2017
- Herriman Zone 1 East 2.0 MG Tank 2017
- Washington Red Cliffs 2.0 MG Tank 2018
- Ivins Cliff Rose 2.0 MG Tank 2017
- Kemmerer WY 2.5 MG Tank 2016
- Ogden North Storage 4.0 MG Tank 2010
- Payson Dual 2.5 MG Tanks 2012
- Manila 1.3 MG Tank 2011
- Hyde Park 1.5 MG Tank 2011
- (18) Other Tanks 1.0 MG or smaller
- Springdale Water Treatment Tank Contact Chamber Tank 2018
- Ogden Water Treatment Plant ACH Contact Tank 2015
- Ogden Water Treatment Plant Neutralization Tank 2015
- Greendale Water Treatment Plant 0.5 MG Storage Tank 2016
- C.C. Cragin WTP Flocculation Tank 2017
- C.C. Cragin WTP Surface Water Tank 2017
- C.C. Cragin WTP Clarifier Tank 2017
- C.C. Cragin WTP FEQ Tank 2017

EDUCATION

- M.S. - Civil Engineering, Brigham Young University, 2004;
- B.S. - Civil Engineering, Brigham Young University, 2002

YEARS IN PROFESSION

- 17; 12 with Sunrise

REGISTRATIONS

- Professional Engineer:
 - Utah No. 5048199
 - Wyoming No. 16103
 - Nevada No. 018101
 - California No. 70192
 - Arizona No. 59754
- Structural Engineer:
 - Utah No. 5048199

MEMBERSHIPS

- American Concrete Institution (ACI)
- AWWA
- AWWA D115 - Tendon Pre-Stressed Water Tanks Standard Committee

Awards

- Excellence in Concrete Award (ACI Intermountain Chapter) - 2017 - Stansbury Park 3.0 MG Water Tank - Project Manager
- Most Outstanding Water Project (Utah Construction and Design) - 2015 - Ogden City Water Treatment Plant - Structural Engineer

JOSH REIDHEAD, EIT

Josh is an engineer-in-training with three years experience with planning, designing, and conducting construction administration for municipal culinary water and wastewater projects. He has assisted in the inspection of dams, pipelines, control structures, and other major facilities. He has experience assisting project managers in the review of design drawings and specifications associated with high profile projects. Josh has interacted and coordinated directly with professionals in civil, mechanical, and electrical engineering, surveyors, draftsman, contractors, and funding agencies.

SUNRISE EXPERIENCE

- Rio Tinto Utah Kennecott Copper East Waste Rock Phase I Detail Engineering
- C6 Conveyor Final Drainage Design
- American Fork 100 East Waterline Replacement
- Caliente, Nevada Floodway Improvements
- Costco Saratoga Springs
- Deseret Oasis Water Treatment Plant Evaluation
- Holly Frontier Woods Cross Tank Dike Capacity
- Jensen Preliminary Engineering Report
- Loa Fish Hatchery Programming
- Minden Arsenic Mitigation Plan
- Moapa Valley Water District Miscellaneous Engineering Services
- Sawtooth Caverns Gasoline Storage Project
- Spanish Fork West Interchange Trunkline Design and Construction Management
- Thanksgiving Point – Golf Course Irrigation Pond Liner Design
- ULC Utah Lake Shoreline Soils Assessment
- UWCD Watershed Management Plan



CIVIL SUPPORT

EDUCATION

- MS – Civil and Environmental Engineering, Brigham Young University, 2019
- BS – Civil and Environmental Engineering, Brigham Young University, 2017

YEARS IN PROFESSION

- 3; 1 with Sunrise

AREAS OF EXPERTISE

- Municipal Culinary Water
- Municipal Wastewater
- Environmental Engineering
- Water Resources Engineering

RANDY KNAPP, PE, EE

As a Project Manager for Sunrise Engineering, Randy brings to the table 20 years of experience designing, power and control systems for commercial, municipal, utility and light industrial projects. His expertise includes the design, programming, start-up, and support for many control and data acquisition projects.

Included in his past projects, Randy has been responsible for the design, programming, installation, and system management of water and wastewater systems for a municipal client, the design and installation management of residential solar photovoltaic systems for both grid-tie and off grid applications, and electrical system designs and specifications for municipal pumping stations, commercial office buildings, hotels, and schools. He has also completed facility upgrades for municipal pumping stations, commercial office buildings, hotels, and schools.

Randy is proficient with ETAP Powerstation, SKM Power Tools for Windows, and AutoCAD.

ELECTRICAL PROJECTS

- Circleville Veterans Memorial Park Lighting Design
- Bluffdale Street Lighting
- Ogden Water Treatment Parking Lot Lighting
- Pinedale Downtown Lighting Project
- Thayne Wright and Park Street Project
- Thayne Pathway Lighting and Crosswalks
- Ivins Center Street Lighting
- St. George Airport Expansion Lighting

MASTER PLANNING AND STUDY PROJECTS

- Lynndyl Water Master Plan
- Brigham City Renewable Energy Feasibility Study
- Chokecherry Wind Farm Water Supply Study
- Compass Minerals ArcFlash Study
- Fountain Green Hydro Feasibility Study
- Kennecott ACC ARC Flash Study
- Logan City Northwest Study and Design
- Loveland Water Treatment Plant Hydroelectric Feasibility Study
- Medicine Bow Treatment Plant Study
- Salt Lake City Renewable Energy Plan

ADDITIONAL ELECTRICAL ENGINEERING EXPERIENCE

- Herriman Old Town Water Line Replacement
- Ogden 36th - 46th Street Transmission Line
- Ogden Water Treatment Parking Lot Lighting
- Kennecott Utah Copper Crusher Pebble Roof
- Springville Hatchery Pond Reconstruction
- Salt Lake City PRV/Hydro 10th East 500 South
- Ogden Water Treatment Plant
- Lynndyl Water Master Plan
- Brigham City Renewable Energy Feasibility Study
- Compass Minerals ArcFlash Study
- Fountain Green Hydro Feasibility Study
- Kennecott ACC ARC Flash Study
- Logan City Northwest Study and Design



ELECTRICAL ENGINEER (LIGHTING)

EDUCATION

- BS - Electrical Engineering, University of Utah

YEARS IN PROFESSION

- 21; 7 with Sunrise

REGISTRATIONS

- Professional Engineer:
 - UT # 362066
 - ID # 15092
 - WY # 13620
 - NV # 022519
 - AZ # 53659

AREAS OF EXPERTISE

- Electrical Engineering
- Solar PV
- Power System Modeling
- SCADA

JUSTIN ATKINSON

Justin has been successful in obtaining millions of dollars in low interest loans and grants for Utah projects that include water, sewer, roads, buildings and irrigation projects. He has a close relationship with the agencies and boards that allocate money for a wide range of engineering projects and has knowledge of state and federal agencies and their requirements.

CLIENT FUNDING EXPERIENCE

- Mapleton City
- Axtell CSSD
- Apple Valley
- Centerfield City
- Fairview City
- Green River
- Hildale City
- Moroni City
- Mt. Pleasant City
- Wellington City
- Woodland Mutual Water Co.

AGENCY EXPERIENCE

- Utah State Parks-LWCF Grant
- Community Impact Board
- Drinking Water Board
- Division of Water Quality
- Division of Water Resources
- USDA-Rural Development
- UDOT
- Economic Development Administration
- Utah Outdoor Recreation Grant
- Community Development Block Grant

ADDITIONAL EXPERIENCE

Parks and Recreation

- Mt Pleasant City Community Swimming Pool
- MPNHA/Mt Pleasant City Bike and Pedestrian Trail

Public Works

- Herriman City, Utah
- Taylorsville City, Utah

Culinary Water Projects

- Eureka City, Utah
- Tridell-LaPoint Water Improvement District, Uintah County, Utah
- Payson, Utah
- Ogden City Water Treatment Plant, Utah
- Herriman, City
- Monroe City Water Treatment Plant, Utah
- Manti City, Utah
- Fairview City, Utah
- Copperton Improvement District, Utah
- KCWCD Zion View Estates Water

Improvements, Kane County, Utah

Local Street and Road Projects

- Manti City, Utah
- City of Enterprise, Utah
- Panguitch City, Utah
- Fountain Green City, Utah

Wastewater Sewer Collection and Treatment Projects

- Eureka City, Utah
- Fairview City, Utah
- Panguitch City, Utah
- Santaquin City, Utah
- Stockton Town, Utah
- Mexican Hat Special Service District, San Juan County, Utah
- Centerfield City, Utah

Pressurized Irrigation

- Salem City, Utah
- Carbon Canal Company - RD Lateral, Carbon County, Utah



CLIENT LIAISON

YEARS IN PROFESSION

- 28; 28 with Sunrise

REGISTRATIONS

- Drinking Water Operator Certificate, Level II
- Wastewater Collection and Treatment

PUBLIC SERVICE

- Mt. Pleasant City Council, 2010 - present
- Roadway Committee
- Mt. Pleasant Planning and Zoning Commission, 2000 - 2010

WORK RELEASE NO. 2020-2: COVER SHEET

**IRA ALLAN PARK SPORT COURTS ENGINEERING DESIGN & CONSTRUCTION
SERVICES**

MAPLETON CITY
125 WEST 400 NORTH
MAPLETON, UT 84664

EXECUTION AND EFFECTIVE DATE

This Work Release No. 2020-2 has been executed by the duly authorized representatives of the parties and shall be effective as of the date of execution by CLIENT.

ENGINEER

SUNRISE ENGINEERING, INC:

By:_____

Name: _____

Title: _____

Date: _____

CLIENT

MAPLETON CITY:

By:_____

Name: _____

Title: _____

Date: _____

WORK RELEASE NO. 2020-1

This Work Release is entered into by and between MAPLETON CITY (CLIENT) and SUNRISE ENGINEERING, INC. (ENGINEER).

RECITAL

Pursuant to Article 1 of the Agreement for Engineering and Technical Services, dated 8 August, 2013, hereinafter referred to as the “Agreement”, CLIENT and ENGINEER desire to identify certain work and services to be performed by ENGINEER pursuant to the Agreement. CLIENT intends to retain general engineering services hereinafter referred to as “Project” and for which ENGINEER agrees to perform various professional engineering services.

ARTICLES

It is agreed that ENGINEER will perform the following:

SCOPE OF WORK

ARTICLE 1. ENGINEERING DESIGN & CONSTRUCTION SERVICES

The Ira Allan Park Sport Courts project will involve park development using federal financial assistance through the Land and Water Conservation Fund (LWCF) State Assistance Program of the U.S. Department of the Interior – National Park Service. The LWCF State Assistance Program is locally administered by the Utah Division of Parks and Recreation (UDPR).

ENGINEER previously completed an environmental document that was provided to UDPR as part of the grant application process. UDPR then consulted with the Utah Division of State History – State Historic Preservation Office (SHPO). Funding is now in place and engineering design is ready to begin.

The proposed project location is in the northeastern quarter of the northwestern quarter of Section 22, Township 4 South, Range 3 East, Salt Lake Base and Meridian. All project components will be located at the existing Ira Allan Park on CLIENT-owned property. The new park facilities will utilize approximately 1-acre of the existing 17-acre park and a parcel of vacant land to the north of the existing park that the CLIENT has recently purchased.

The project consists of designing six post-tensioned concrete pickleball courts and two futsal courts, with associated landscaping, concrete walkways, and overhead LED lighting (see Exhibit A – Concept Layout and Site Plan). Since the proposed project is an expansion of an existing park, restrooms and parking are not necessary as they are already in place. Storm water collection/conveyance improvements will be required at the site. The existing storm drain system creates some accessibility challenges. Therefore, a stormwater retention system may be required within the site to overcome design constraints and limitations.

To design the sports courts, ENGINEER will perform the following:

1.1 Engineering Design

1.1.1 Concept Design

- a. Gather and review existing data.
- b. Meet with the CLIENT for one (1) concept design meeting to discuss proposed design features.
- c. Generate updated concept plan for review.

1.1.2 Survey – Includes topography, location of existing improvements and visible utilities.

1.1.3 50% Design – Prepare 50% construction documents based on the updated concept design plan and provide to CLIENT for review and comment.

- a. General Sheets (title page, location & sheet index, construction notes & design criteria)
- b. Survey Control
- c. Site Plan
- d. Utility Plan
- e. Grading & Drainage Plan
- f. Landscaping and Irrigation Plan
- g. Civil & Structural Details
- h. Court Details
- i. Lighting and Electrical Plan
- j. Electrical Details
- k. Engineer's Opinion of Probable Cost (EOPC)
- l. 50% Design Review Meeting (1)

1.1.4 100% Design – Prepare 100% construction documents (design plans, technical specifications, contract documents, and engineer's opinion of probable cost) by incorporating 50% design review comments and completing the design for the items described in Task 1.3. Participate in one (1) final design review meeting. Incorporate comments from the review meeting then produce final stamped construction documents for bidding to contractors.

1.2 Contractor Procurement / Bidding Services

1.2.1 Contractor Procurement / Bidding Services

- a. Assist CLIENT in obtaining bids to complete the work outlined in the design plans, technical specifications, and contract documents.
- b. ENGINEER will facilitate pre-bid conference, prepare and issue addenda, bid opening, bid tabulation, analysis and evaluation of bids, and assemble contract documents for execution and approval by CLIENT and the successful bidder (Contractor).

1.3 Construction Services

1.3.1 Construction Services

- a. Schedule and conduct pre-construction meeting with CLIENT and Contractor.
- b. Provide technical assistance, respond to RFIs, complete submittal reviews, and prepare change orders.
- c. Conduct biweekly construction progress meetings.
- d. Complete two (2) site visits per week for inspections and project progress, assumed to be four (4) hours each trip for up to twelve (12) weeks.
- e. Measure, calculate, and verify quantities and quality of work completed for payment to the Contractor.
- f. Prepare and approve contractor partial payment invoices for the quantities of work completed.
- g. Project Closeout: complete a final inspection, review contract compliance, verify final work quantities for payment, and prepare and approve final contractor payment invoice.
- h. Prepare a set of contract record drawings that correspond with the as constructed facilities.

1.4 Assumptions & Exclusions

- 1.4.1 ENGINEER may rely upon data provided by CLIENT for analysis purposes.
- 1.4.2 Construction Services budget is based on a twelve (12) week construction schedule.
- 1.4.3 Items not specifically addressed in the Scope of Work are excluded.
- 1.4.4 Items determined to be outside the Scope of Work may be completed following the identification of a scope and fee to complete the additional work.

ARTICLE 2. COMPENSATION

CLIENT agrees to compensate ENGINEER for all services described in Article 1 according to the fees provided in the following table:

FEE SUMMARY

Phase	Work Task Description	(\$)	*Fee Type
0001	Engineering Design	\$ 27,300	Lump Sum
0002	Contractor Procurement / Bidding Services	\$ 3,000	T&M
0003	Construction Services	\$ 19,500	T&M

*Lump Sum = Fixed Fee; T&M = Time & Materials; NTE = Not to Exceed; **Budgeted T&M (Time and Material: budgeted amount that will not be exceeded without Client approval and does not guarantee the tasks will be completed within the amount.

Any additional services requested by CLIENT, not listed above, will be performed at the rates and fees shown in the attached Exhibit B.

ARTICLE 3. INVOICING

Instructions and invoices submitted pursuant to this Work Release shall be sent to:

MAPLETON CITY
125 WEST 400 NORTH
MAPLETON, UT 84664

ENGINEER will submit monthly itemized billings for this work based on the prior month's effort which will be due and payable within 30 days of receipt thereof by CLIENT.

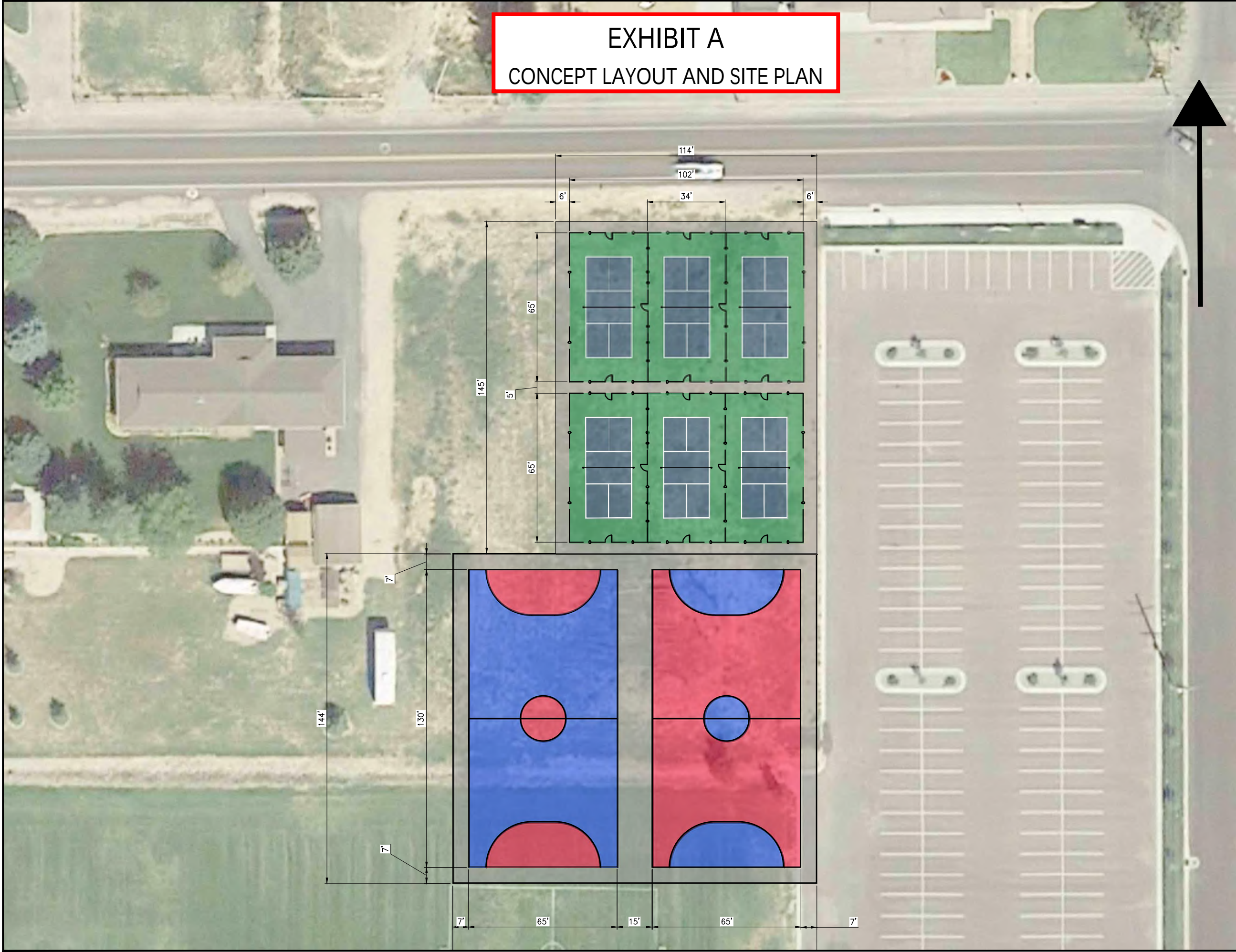


EXHIBIT A
CONCEPT LAYOUT AND SITE PLAN

Conceptual Layout and Site Plan

Mapleton City Pickleball
and
Futsal Courts Project 2019

REV. NO.	COMMENT	DATE
SUNRISE ENGINEERING 6875 SOUTH 900 EAST SALT LAKE CITY, UTAH 84047 TEL 801.523.0100 • FAX 801.523.0990 www.sunrise-eng.com		
MAPLETON CITY		
LAYOUT PROPOSAL OPTION 2		
SEI NO.	DESIGNED SH	DRAWN JH
CHECKED SH	SHEET NO. # of ##	OPT 2

SUNRISE ENGINEERING
FEE SCHEDULE
EXHIBIT B

Work Code	Work Classification	Hourly Rate	Work Code	Work Classification	Hourly Rate
101	Engineer Intern (E.I.T.) I	\$ 99	404	CAD Drafter IV	\$ 110
102	Engineer Intern (E.I.T.) II	108	451	Training Specialist I	130
103	Engineer III	139	456	Training Manager	156
104	Engineer IV	162	460	Training Director	180
105	Engineer V	183	500	Funding Specialist	129
110	Principal Engineer	199	510	Plan Reviewer	115
121	Electrical Eng. Int. (E.I.T.) I	114	511	Building Inspector I	68
122	Electrical Eng. Int. (E.I.T.) II	128	512	Building Inspector II	91
123	Electrical Engineer III	145	513	Building Inspector III	113
124	Electrical Engineer IV	167	525	Building Official	132
125	Electrical Engineer V	190	601	GIS Tech	71
126	Principal Electrical Engineer	206	602	GIS Tech I	82
301	Engineering Tech I	79	611	GIS Specialist I	103
302	Engineering Tech II	95	613	GIS Analyst	118
303	Engineering Tech III	109	614	GIS Programmer	103
304	Engineering Tech IV	135	615	GIS Team Leader	134
311	Electrical Tech I	88	51	Administrative I	45
312	Electrical Tech II	100	52	Administrative II	59
313	Electrical Tech III	118	53	Administrative III	74
314	Electrical Tech IV	130	96	Public Information Manager	115
315	Electrical Tech V	143	712	Project Manager II	173
351	Construction Observer I	67	723	Water Rights Specialist III	129
352	Construction Observer II	83	921	Survey Tech	80
353	Construction Observer III	99	930	Survey CAD Tech	115
354	Construction Observer IV	113	935	One Man Survey Crew	150
401	CAD Drafter I	69	940	Survey Manager	160
402	CAD Drafter II	79	945	Registered Surveyor	170
403	CAD Drafter III	99	950	Principal Surveyor	185

REIMBURSABLE EXPENSE SCHEDULE

Expense	Rate	Mark-Up
Mileage	\$0.59 per mile	N/A
Field Vehicle (on site)	\$50 per day	N/A
Per Diem Meals	\$57 per day	N/A
Troxler Nuclear Density Gauge	\$40 per day	N/A
High Density Scanner	\$150 per hour	N/A
Material Testing Lab Work	Actual Cost	15%
Outside Consultants, Aerial Photography, etc.	Actual Cost	15%
Lodging	Actual Cost	10%
Other Expenses incurred	Actual Cost	10%

Fees automatically change after the beginning of the year and are subject to change on other occasions. Base 01-2020