



# SANDY CITY COMMUNITY DEVELOPMENT

JAMES SORENSEN  
COMMUNITY DEVELOPMENT  
DIRECTOR

MONICA ZOLTANSKI  
MAYOR

SHANE E. PACE  
CHIEF ADMINISTRATIVE OFFICER

## Staff Report Memorandum September 7, 2023

To:	Planning Commission	
From:	Community Development Department	
Subject:	Bicentennial Park Improvements (Conditional Use Permit and Site Plan Review) 530 E. 8680 S. [Historic Sandy, Community #4]	SPR07272023-006575 CUP08282023-006596 OS Zone 11.18 Acres

**Public Meeting Notice:** This item has been noticed to property owners within 500 feet of the subject area, on public websites and at public locations.

### Request

The applicant, Jermey Garcia, Parks Assistant Superintendent, on behalf of Sandy City Parks and Recreation Department, is requesting a conditional use permit and preliminary site plan review of proposed improvements to Bicentennial Park located at 530 E. 8680 S. The request is for reconstructing two existing tennis courts, converting the third tennis court into four pickleball courts, concrete cornhole, and adding various other park elements (hammock stations, slackline, and benches). See the attached Exhibit A for all application materials.

### Background

The parcel has been used as a park for many years. The east baseball field has been there since at least 1958 per aerial photographs. Tennis courts, a volleyball court, and a structure were added in the 1970's. Uses have remained largely the same since that time. The 11.18-acre property is currently in the OS zone (Open Space). The property is bordered on the north and south by single family residential homes zoned R-1-7.5(HS) (Historic Sandy). To the east of the property is zoned RM(12). To the west of the property is zoned R-1-7.5(HS) with the Sandy Rec Center and Sandy Elementary School.



SPR07272023-006575  
Bicentennial Park Improvements  
530 E 8680 S

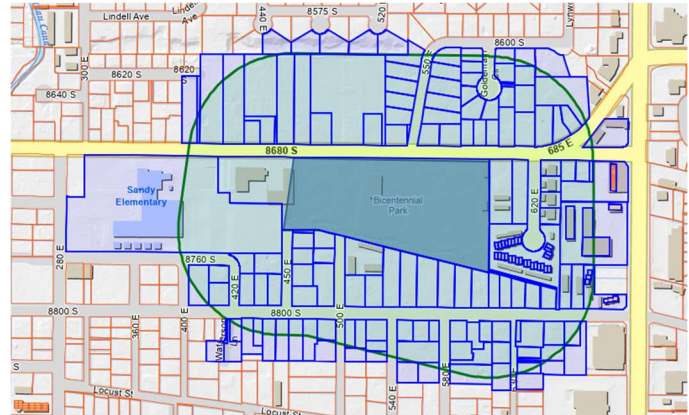
Sandy City, UT  
Community Development Department

Property Case History	
Case Number	Case Summary
84-18	Bicentennial Park Well Site
89-29	Bicentennial Park Parking Expansion
91-21	Bicentennial Park
04-06	Bicentennial Well - Site Modification
05-62	Bicentennial Well Rehabilitation

**Public Notice and Outreach**

The item has been noticed to all property owners within 500 feet of the proposed development. A neighborhood meeting was held on August 22, 2023, and three residents attended. One email was sent about the project (See Exhibit B). The following comments were made about the park improvements:

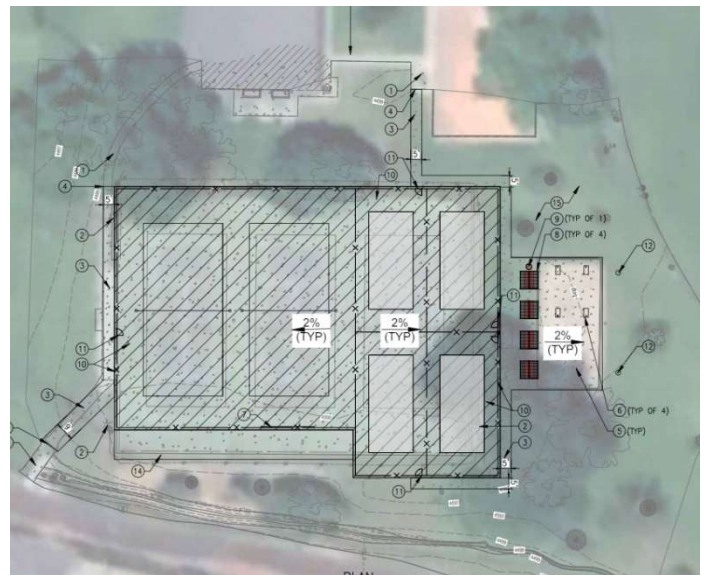
1. Concerns about the noise from the pickleball courts
2. A question about if there would be off-leash dog hours in the park.



**Analysis**

Section 21-10-1(b) in the Sandy City Development Code states that in the OS zone the Planning Commission shall review all requests for public facilities, including parks, pavilions, trails, equestrian area, and indoor/outdoor recreation centers within the district. The Planning Commission shall set appropriate building height, size, and setback requirements for each specific development proposal. Development shall be landscaped as determined appropriate by the Planning Commission up consultation with the Parks and Recreation Department and in compliance with Section 21-25-4.

The proposal is to update and make modifications to existing facilities in the park and to add new uses. Existing uses of outdoor recreation are the tennis courts and volleyball. Two baseball fields and a playground are at the park but are not part of any proposed changes. Some changes in the outdoor recreation use of the park include one of the tennis courts being removed and four pickleball courts being added next to the remaining two tennis courts. The pickleball courts will



be about 20 feet closer to the south property line than the existing tennis courts. The existing volleyball court will be removed and cornhole, hammock stations, slackline, and benches will be added. A new lighting system will be installed with LED lights and a timed pushbutton system such that lights turn off automatically. The timed pushbutton system will be operation during park hours from 7:00 a.m. – 10:00 p.m. The applicant is proposing to remove one tree for the park improvements to be made. There are several existing trees around the tennis courts that will remain.

### **Staff Concerns**

Staff is concerned about the removal of a mature tree on the site with no plan to replace it. Staff is recommending that the tree be replaced with other trees to help with noise mitigation.

### **Recommendations**

- #1 Staff recommends that the Planning Commission Planning Commission approve a Conditional use Permit for the proposed changes in outdoor recreation for the Bicentennial Park located at 530 E. 8680 S based on the following findings and subject to the following conditions:

#### **Findings:**

1. Tennis courts, baseball fields, and a playground are existing uses at the park.
2. New outdoor recreation uses include pickleball, cornhole, and slackline.
3. A new timed pushbutton system will be installed with new LED lights.

#### **Conditions:**

1. That the applicant provide mitigation for noise and visual impacts from the proposed new outdoor recreation uses in the form of additional trees planted along the south side of the new pickleball courts.
2. That all activities and sports field/court lighting at the park be limited between the hours of 7:00 a.m. – 10:00 p.m.

- #2 Staff recommends that the Planning Commission Planning Commission determine preliminary review is complete for the Bicentennial Park located at 530 E. 8680 S based on the following findings and subject to the following conditions:

#### **Findings:**

1. Tennis courts, baseball fields, and a playground are existing uses at the park.
2. New outdoor recreation uses include pickleball, cornhole, and slackline.
3. A mature tree will be removed from the site during construction.

#### **Conditions:**

1. That the applicant proceed through the final site plan review process with staff. The Final Site Plan shall be in compliance with all Development Code requirements, staff redlines, and those modifications as required by the Planning Commission.
2. That the development comply with all Building & Safety, Fire and Life Safety Codes applicable to this type of use.
3. That the applicant install a variety of trees along the south side of the pickleball court to replace the trees lost in the expansion of the courts and to provide mitigation of noise and visual impact. These additional landscape improvements must be shown in final site plan.

Planner:



Sarah Stringham  
Planner

File Name: S:\Users\PLN\STAFFRPT\2023\SPR07272023-006575 - Bicentennial Park Improvements

Exhibit "A"



SANDY CITY PARKS AND RECREATION

DAN MEDINA  
PARKS AND RECREATION  
DIRECTOR

MONICA ZOLTANSKI  
MAYOR

SHANE PACE  
CHIEF ADMINISTRATIVE OFFICER

To: Planning commission

From: Jeremy Garcia / Dan Medina

Date: 8/28/2023

Subject: Bicentennial Park Improvements

I have applied for a condition use permit for the addition of amenities at Bicentennial Park. I would like to add four Pickleball Courts, a Hammock station, Slackline Poles and Concrete cornhole for Park improvements. This will include removing the existing Volleyball court to accomplish this addition. We will be upgrading the Court lighting system to L.E.D. and will be on a timed pushbutton system. Park hours will remain the same as existing as per the city code. The Slackline, Concrete cornhole and Hammock station will not use the lighting system. Ther new courts will be poured with post-tension concrete and have a perimeter fence. The Slackline and Hammock station are steel poles place in the ground with a concrete base for stability. The concrete cornhole will be on the east side of the courts on a concrete pad for game play.

I am hoping, once approved I can complete this project by mid spring 2024.

Thank you,

Owner: Dan Medina

Signature: Dan Medina

Applicant: Jeremy Garcia

Signature: Jeremy Garcia

Exhibit "A"  
 Plan Set Documents  
 (see the attached file for the full contents)

## DRAWINGS FOR CONSTRUCTION OF THE BICENTENNIAL PARK SANDY, UTAH

PROJECT LOCATION MAP

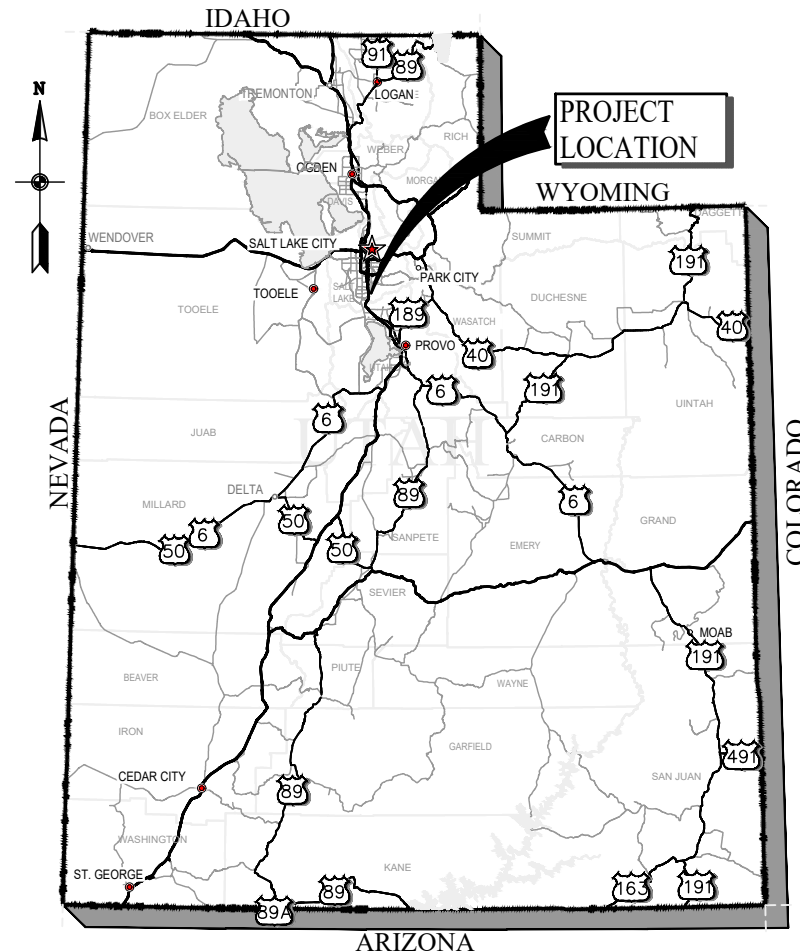
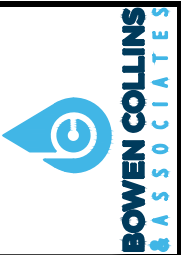
INDEX OF DRAWINGS	
SHT NO.	DESCRIPTION
GENERAL	
1	G-01 INDEX OF DRAWINGS, PROJECT LOCATION AND VICINITY MAPS
LANDSCAPE	
2	L-01 LANDSCAPE AND SITE PLAN
3	L-02 DEMO AND TREE REMOVAL PLAN
4	L-03 LANDSCAPE AND SITE NOTES
5	L-04 LANDSCAPE DETAILS - 1
6	L-05 LANDSCAPE DETAILS - 2

PROJECT VICINITY MAP

LANDSCAPE

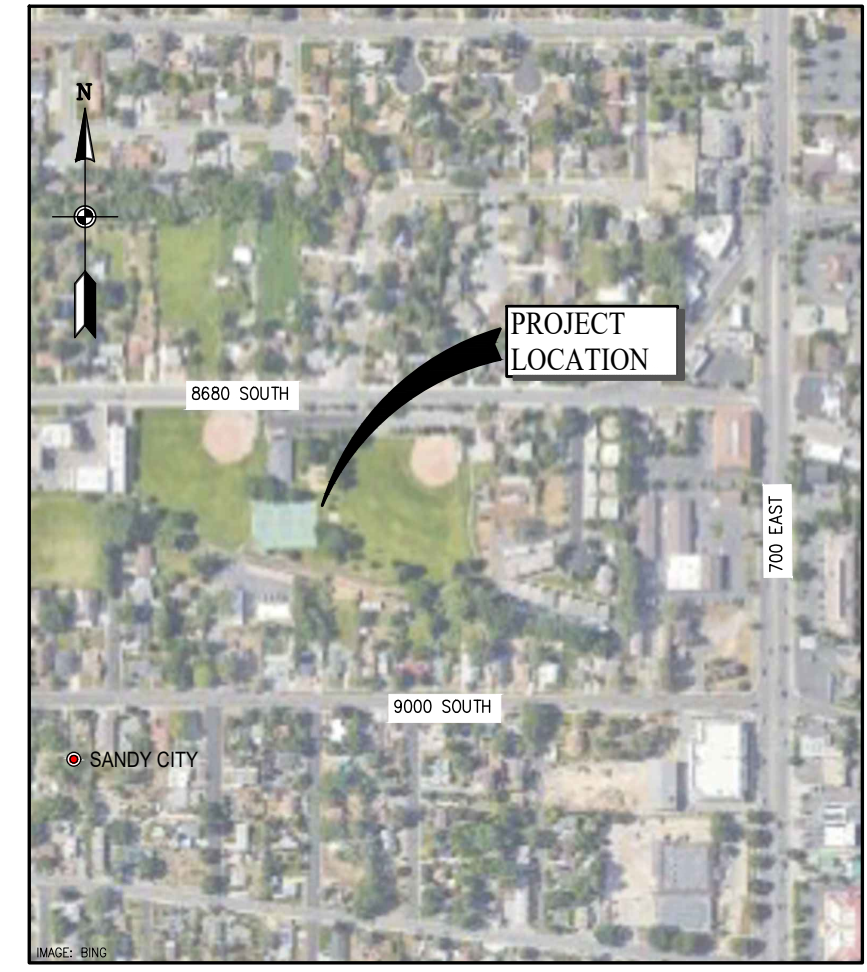
SANDY CITY PARKS AND RECREATION	
BICENTENNIAL PARK	
DESIGNED BY	POWER COLLINS CONSULTANTS
DRAWN BY	KEVIN J. STANLEY
CHECKED BY	KEVIN J. STANLEY
DATE	JULY 2023

# DRAWINGS FOR CONSTRUCTION OF THE BICENTENNIAL PARK SANDY, UTAH



PROJECT LOCATION MAP

INDEX OF DRAWINGS		
SHT NO.	DWG NO.	DESCRIPTION
<b>GENERAL</b>		
1	G-01	INDEX OF DRAWINGS, PROJECT LOCATION AND VICINITY MAPS
<b>LANDSCAPE</b>		
2	L-01	LANDSCAPE AND SITE PLAN
3	L-02	DEMO AND TREE REMOVAL PLAN
4	L-03	LANDSCAPE AND SITE NOTES
5	L-04	LANDSCAPE DETAILS - 1
6	L-05	LANDSCAPE DETAILS - 2



PROJECT VICINITY MAP



LANDSCAPE

REVISIONS			
NO.	DATE	REV BY	DESCRIPTION

SANDY CITY PARKS AND RECREATION BICENTENNIAL PARK SANDY, UTAH	DESIGN DESIGN: J.TSANDES DRAWN: C.GLABAU	REVIEW CHECKED: J.TSANDES APPROVED: J.TSANDES	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING

GENERAL	INDEX OF DRAWINGS, PROJECT LOCATION AND VICINITY MAPS	DATE: JULY 2023	PROJECT NUMBER 286-22-01
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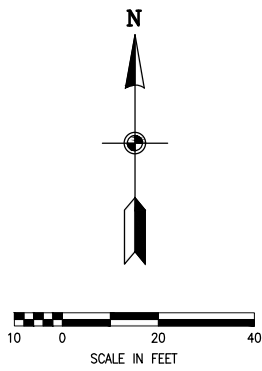
DRAWING NO.  
**G-01**

SHEET 01 OF 06

NO.	DATE	REV. BY	DESCRIPTION



SANDY CITY PARKS AND RECREATION SANDY, UTAH	VERIFY SCALE	BAR IS ONE INCH ON ORIGINAL DRAWING
	REVIEW	J. TSANDES
	CHECKED	J. TSANDES
	APPROVED	J. TSANDES
DESIGN	J. TSANDES	DRAWN C. GLABAU

LANDSCAPE	SITE AND LANDSCAPE PLAN	PROJECT NUMBER	286-22-01
		DATE	JULY 2023



**SITE NOTES:**

- ① EXISTING CONCRETE SIDEWALK. PRESERVE AND PROTECT. CONTRACTOR SHALL REPLACE ANY DAMAGED CONCRETE AREAS.
- ② LIGHT POLES TO REMAIN OR BE MOVED. SEE LIGHTING PLANS PER MUSCO LIGHTING.
- ③ INSTALL CONCRETE SIDEWALK AT A 2% AWAY FROM TENNIS AND PICKLEBALL COURTS PER SANDY CITY STANDARD DETAIL SW-03. SEE SHEET L-05.
- ④ CONNECT NEW CONCRETE SIDEWALK TO EXISTING CONCRETE SIDEWALK. NEW CONCRETE SHALL HAVE A 2% CROSS-SLOPE.
- ⑤ INSTALL CONCRETE PAD FOR BENCHES AND CORNHOLE AREAS. CONTRACTOR TO PROVIDE 6" CONCRETE PAD REINFORCED WITH #4 @ 12 OC EW.
- ⑥ INSTALL OUTDOOR CONCRETE GAMES CORNHOLE/BAG TOSS (BYOB5531) OR APPROVED EQUAL PER MANUFACTURERS STANDARDS TO CONCRETE SURFACE. SEE DETAIL ON SHEET L-04.
- ⑦ INSTALL 8' X 24' SLIMLINE BACKBOARD PER RENNER SPORTS SPECIFICATIONS.
- ⑧ INSTALL ICON SHELTER SYSTEMS TRAIL SERIES TSG8-P4 WITH DOUBLE BENCH OR APPROVED EQUAL. INSTALLED PER MANUFACTURERS STANDARDS. SEE DETAIL ON SHEET L-04.
- ⑨ INSTALL SUPERIOR AMENITIES 32 GALLON STANDARD CLASSIC TRASH RECEPTACLE (TR32CLASSIC), WITH PLASTIC DOME TRASH RECEPTACLE TOP (DOME32), AND 32 GALLON RIGID PLASTIC TRASH RECEPTACLE LINER (LINER), OR APPROVED EQUALS. SURFACE MOUNTED PER MANUFACTURERS STANDARDS. CONTACT BIG T RECREATION FOR PRODUCT (801-572-0782). SEE DETAIL ON SHEET L-04.
- ⑩ INSTALL TENNIS COURTS AND PICKLEBALL COURTS, PERIMETER FENCE, AND INTERIOR FENCES PER RENNER SPORTS SPECIFICATIONS.
- ⑪ INSTALL GATES ALONG PERIMETER FENCE PER RENNER SPORTS SPECIFICATIONS.
- ⑫ INSTALL SLACKLINE POSTS (2) PER DETAIL ON SHEET L-04.
- ⑬ INSTALL HAMMOCK POSTS (4) PER DETAIL ON SHEET L-04.
- ⑭ INSTALL SOD IN PLACE OF OLD TENNIS COURT BOUNDARIES. FIELD-FIT IRRIGATION SYSTEM TO COVER NEWLY INSTALLED SOD WITH HEAD TO HEAD COVERAGE.
- ⑮ CONTRACTOR TO REPAIR ANY LANDSCAPING, IRRIGATION, FENCES, AND SURFACE FEATURES DAMAGED DURING CONSTRUCTION TO MATCH PREVIOUS CONDITIONS. SEE NOTES ON L-03.

PLANT SCHEDULE			
GROUND COVERS	BOTANICAL / COMMON NAME	SIZE	QTY
	CONCRETE	NONE	3,636 SF
	POA PRATENSIS KENTUCKY BLUEGRASS	SOD	1,442 SF

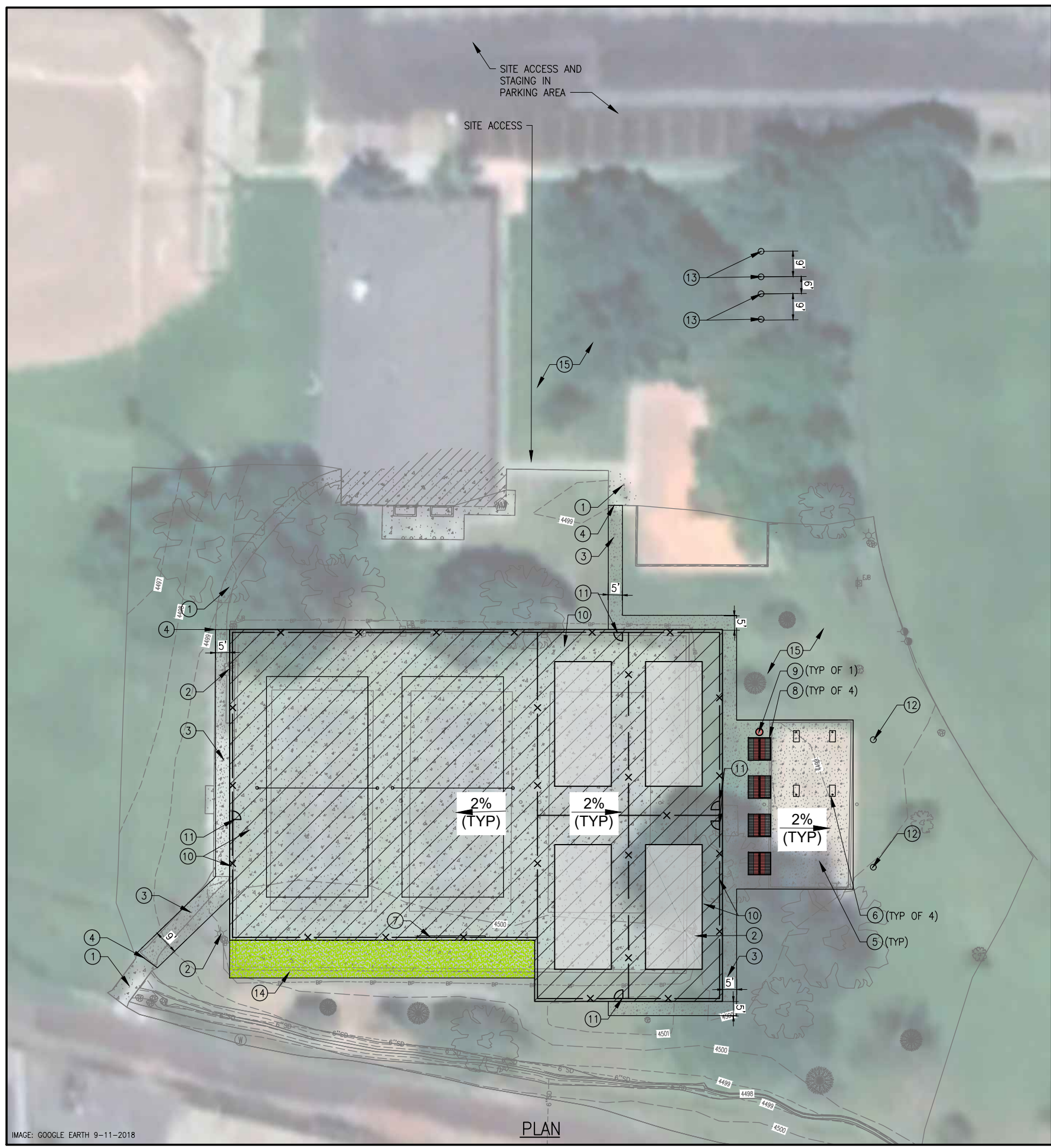
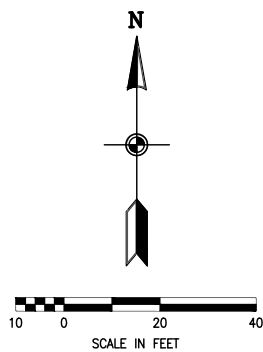


IMAGE: GOOGLE EARTH 9-11-2018





**SITE NOTES:**

- ① EXISTING CONCRETE SIDEWALK. PRESERVE AND PROTECT. CONTRACTOR SHALL REPLACE ANY DAMAGED CONCRETE AREAS.
- ② EXISTING PLAYGROUND. PRESERVE AND PROTECT. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED FEATURES.
- ③ EXISTING PAVILION. PRESERVE AND PROTECT. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED FEATURES.
- ④ PRESERVE AND PROTECT EXISTING TREES UNLESS NOTED FOR REMOVAL.
- ⑤ PRESERVE AND PROTECT EXISTING UTILITY LINES.
- ⑥ REMOVE AND DISPOSE OF THE EXISTING CONCRETE PAD AND/OR SIDEWALK IN AN APPROVED OFFSITE LOCATION.
- ⑦ REMOVE AND DISPOSE OF THE EXISTING TREE IN AN APPROVED OFFSITE LOCATION.
- ⑧ REMOVE AND DISPOSE OF THE EXISTING TENNIS COURT SURFACE AND FENCE IN AN APPROVED OFFSITE LOCATION .
- ⑨ REMOVE AND DISPOSE OF TURF GRASS AREAS WHERE NEW SURFACE SHALL BE PLACED IN AN APPROVED OFFSITE LOCATION.
- ⑩ REMOVE AND DISPOSE OF THE EXISTING VOLLEYBALL COURT IN AN APPROVED OFFSITE LOCATION.
- ⑪ CONTRACTOR TO REPAIR ANY LANDSCAPING, IRRIGATION, FENCES, AND SURFACE FEATURES DAMAGED DURING CONSTRUCTION TO MATCH PREVIOUS CONDITIONS. SEE NOTES ON L-03.



WHITE FIR TO REMAIN 12" DBH 6' CANOPY  
 BLUE ATLAS CEDAR TO REMAIN 10" DBH 8' CANOPY  
 CRAB APPLE TO REMAIN 24" DBH 24' CANOPY  
 DECIDUOUS TREE TO REMAIN 2" DBH 2' CANOPY  
 HONEY LOCUST TO REMAIN 20" DBH 22' CANOPY  
 NORWAY MAPLE TO REMAIN 36" DBH 36' CANOPY  
 HONEY LOCUST TO REMOVE 24" DBH 26' CANOPY  
 DECIDUOUS TREE TO REMAIN 18" DBH 20' CANOPY  
 WHITE FIR TO REMAIN 14" DBH 6' CANOPY  
 DECIDUOUS TREE TO REMAIN 3" DBH 3' CANOPY  
 BLUE ATLAS CEDAR TO REMAIN 14" DBH 6' CANOPY  
 HONEY LOCUST TO REMAIN 6" DBH 8' CANOPY  
 HONEY LOCUST TO REMAIN 38" DBH 38' CANOPY  
 DECIDUOUS TREE TO REMAIN 5" DBH 5' CANOPY  
 CONIFER TREE TO REMAIN 18" DBH 8' CANOPY  
 CONIFER TREE TO REMAIN 10" DBH 10' CANOPY

PLAN



NO.	DATE	REV. BY	DESCRIPTION

DESIGN DESIGN J.T.SANDES DRAWN C.GLABAU	CHECKED J.T.SANDES APPROVED J.T.SANDES	REVIEW J.T.SANDES	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING
		DESIGN DESIGN J.T.SANDES DRAWN C.GLABAU	REVIEW J.T.SANDES

LANDSCAPE  
**DEMO AND TREE REMOVAL PLAN**  
 DATE: JULY 2023  
 PROJECT NUMBER: 286-22-01

IMAGE: GOOGLE EARTH 9-11-2018  
 P:\Sandy City Parks and Rec\286-22-01 Bicentennial Park\2.0 Design Phase\2.7 Drawings\2862201\_L-02.dwg Plotted: 7/25/2023 5:34 PM By: Cara Glabau

**LANDSCAPE AND SITE NOTES:**

- CHANGES TO IRRIGATION SYSTEM DESIGN OR LANDSCAPING DESIGN MUST BE SUBMITTED TO THE OWNER FOR APPROVAL.
- ALL CONTRACTORS SHALL COMPLY WITH IA STANDARDS WHEN INSTALLING AN IRRIGATION SYSTEM AND LANDSCAPING AS WELL AS LANDSCAPE CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE STATE AND CITY/COUNTY CODES.
- THE SITE/LANDSCAPE PLANTING AND IRRIGATION PLANS ARE TO BE USED IN CONJUNCTION WITH THE DEMO AND TREE REMOVAL PLANS TO FORM COMPLETE INFORMATION FOR THIS REFER TO DEMO AND TREE REMOVAL PLAN FOR EXISTING AND PROPOSED DEVELOPMENT AND AREAS OF CONSTRUCTION.
- THE CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND NOTIFY THE ENGINEER IN WRITING OF UNSATISFACTORY CONDITIONS. DO NOT PROCEED UNTIL CONDITIONS HAVE BEEN CORRECTED.
- BEFORE STARTING WORK, CONTRACTOR SHALL CONTACT APPROPRIATE UTILITY COMPANIES FOR EXISTING AND PROPOSED UNDERGROUND UTILITIES, IRRIGATION SLEEVES, ELECTRICAL CONDUITS, SIGNAGE, ETC. CONTRACTOR SHALL REPAIR ALL DAMAGED IMPROVEMENTS AT CONTRACTORS EXPENSE.
- ALL SOD AND MATERIALS SHALL MEET AS LISTED ON PLANT SCHEDULE. LANDSCAPE ARCHITECT OR OWNER RESERVES THE RIGHT TO REFUSE MATERIAL WHICH DO NOT MEET THE QUALITY REQUIREMENTS FOR THE PROJECT PER SPECIFICATIONS. IF SPECIFIED MATERIALS ARE NOT AVAILABLE CONTACT LANDSCAPE ARCHITECT OR OWNER PRIOR TO SUBSTITUTIONS.
- TOPSOIL SHALL BE IMPORTED AND PLACED AT A DEPTH OF 4-INCHES OVER ALL SOD AREAS SHOWN ON PLAN.
- PROVIDE LANDSCAPE AND IRRIGATION SYSTEM MAINTENANCE FOR ONE YEAR AFTER SUBSTANTIAL COMPLETION OF THE LANDSCAPE INSTALLATION. LANDSCAPE MAINTENANCE SHALL INCLUDE ALL FERTILIZING, WEEDING, TRIMMING, WATERING, PLANT REPLACEMENTS, LANDSCAPE AND IRRIGATION SYSTEM REPAIRS AS REQUIRED.
- THE LANDSCAPE AND IRRIGATION SYSTEM SHALL BE TURNED OVER TO THE OWNER IN GOOD CONDITION. CONTRACTOR TO VERIFY IRRIGATION IS FULLY FUNCTIONING WITH HEAD TO HEAD COVERAGE AT THE END OF PROJECT AND REPAIR AS NEEDED. AT TURN OVER DATE, TREES AND SHRUBS SHALL BE HEALTHY.
- GRADING, TOPSOIL PLACEMENT, AMENDMENTS, FERTILIZERS, COMPOST, AND COMPACTED SOILS:** FINISH SUBGRADE AND TOPSOIL PLACEMENT AND GRADING SHALL CONSIST OF:
  - IMPORTED TOPSOIL SHALL BE OBTAINED FROM NATURALLY DRAINED AREAS AND SHALL BE FERTILE, FRIABLE LOAM SUITABLE FOR PLANT GROWTH. TOPSOIL SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT AT THE SOURCE OF SUPPLY AND UPON DELIVERY TO THE SITE. ALL LABORATORY SOIL TESTING SHALL BE ORDERED AND PAID BY THE CONTRACTOR. THE LABORATORY TEST SHALL MEET THE FOLLOWING REQUIREMENTS:
    - SOLUBLE SALTS (EJE) LESS THAN 4 DS/M OR MMHO/CM
    - PH BETWEEN 5.0 AND 7.5
    - SAND, SILT, CLAY CONTENT LESS THAN 30% CLAY
    - LESS THAN 70% SAND AND
    - LESS THAN 70% SILT.
    - SOIL TEXTURE SAND CLAY LOAM (SLC)
    - SANDY LOAM (SL)
    - CLAY LOAM (CL)
    - ORGANIC MATTER CONTENT (BY WEIGHT) MINIMUM 0.5 PERCENT
    - SAR (SODIUM ABSORPTION RATIO) LESS THAN 7
    - PERCENT COARSE FRAGMENTS (ROCKS>2MM) LESS THAN 5 PERCENT
    - NITRATE NITROGEN (PPM) GREATER THAN 20
    - PHOSPHORUS (PPM) GREATER THAN 15
    - POTASSIUM (PPM) GREATER THAN 150
    - IRON (PPM) GREATER THAN 10
  - FERTILIZER SHALL BE FURNISHED IN BAGS OR OTHER STANDARD CONTAINERS WITH NAME, WEIGHT, AND GUARANTEED ANALYSIS OF CONTENTS CLEARLY MARKED THEREON.
  - CHEMICAL FERTILIZERS SHALL BE A MIXED COMMERCIAL FERTILIZER WITH PERCENTAGES OF NITROGEN, PHOSPHORIC ACID, AND POTASH AT 16-16-8 SLOW RELEASE FORMULA. FERTILIZERS SHALL BE UNIFORM IN COMPOSITION, DRY, AND FREE FLOWING.
  - FERTILIZER TABLETS SHALL BE 12 GRAMS EACH 20-10-5 "AGRIFORM," "LESSLIE", OR EQUAL.
  - COMPOST: ONSITE TOPSOIL SHALL BE AMENDED WITH ONE PART COMPOST TO 5 PARTS TOPSOIL. COMPOST SHALL CONSIST OF COMPOSTED LEAVES AND YARD GRASS. COMPOST SHALL MEET THE FOLLOWING REQUIREMENTS:
    - COMPOST SHALL BE DARK BROWN TO BLACK IN COLOR,
    - COMPOST SHALL HAVE NO OBJECTIONABLE ODOR,
    - COMPOST SHALL HAVE A PARTICLE SIZE OF 1/2 INCH OR LESS,
    - COMPOST SHALL HAVE A PH OF 5.0 TO 7.8,
    - COMPOST SHALL HAVE A SOLUBLE SALT CONCENTRATION (MMHOS/CM OR DS/M) OF LESS THAN 5 AND
    - COMPOST SHALL HAVE A CARBON-TO-NITROGEN RATION OF LESS THAN 25:1.
- PREPARE SUBGRADE BY ROUGH GRADING AND REMOVING ALL IRREGULARITIES AND DEBRIS, THEN TILL AND SCARIFY SUBSOIL TO A DEPTH OF 6 INCHES BEFORE PLACING TOPSOIL. PROVIDE LASER LEVELING ON LARGE FLAT AREAS TO CREATE A UNIFORM LEVEL SUBGRADE.
  - SUBGRADE SOIL SHALL BE IN A LOOSEND AND ROUGH SURFACE FINISH BEFORE TOPSOIL IS PLACED OVER SUBGRADE. (SUBGRADE SURFACE SHALL NOT BE SMOOTH, BUT A ROUGH SURFACE SHALL EXIST FOR A TRANSITION ZONE OF TOPSOIL TO SUBSOIL). IF AREAS OF SUBGRADE BECOME COMPACTED BEFORE TOPSOIL IS PLACED, SUBGRADE SHALL BE TILLED AGAIN BEFORE TOPSOIL PLACEMENT.
  - PLACING ALL SOIL ADDITIVES AND FERTILIZERS AS NEEDED TO MEET THE TOPSOIL SPECIFICATION. TILL (NO SCARIFYING) ADDITIVES TO A DEPTH OF 4-INCHES PRIOR TO APPLYING BARK MULCH.

- AFTER TILLING, BRING AREAS TO UNIFORM GRADES BY FLOATING AND/OR HAND RAKING. IN LARGE OPEN LEVEL AREAS, PERFORM LASER LEVELING TO CREATE UNIFORM LEVEL AREAS. MAKE MINOR ADJUSTMENT OF FINISH GRADES AS DIRECTED BY THE LANDSCAPE ARCHITECT OR OWNER.
- REMOVE WASTE MATERIALS OVER 1" IN SIZE SUCH AS STONES, ROOTS, OR OTHER UNDESIRABLE FOREIGN MATERIALS AND FINISH RAKING, DISHING, DRAGGING, AND SMOOTHING SOIL READY FOR PLANTING.
- NO GRADING OR SOIL PLACEMENT SHALL BE UNDERTAKEN WHEN SOILS ARE WET OR FROZEN.
- AREAS WHERE EXISTING GRASS CONDITIONS HAVE BEEN IMPACTED, CONTRACTOR TO INSTALL SOD IN ALL DISTURBED AREAS TO MATCH EXISTING. ANY DAMAGES DONE TO FENCING, SITE FACILITIES, OR EXISTING IRRIGATION SYSTEMS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
  - ALL AREAS THAT ARE DISTURBED OUTSIDE OF THE PROJECT BOUNDARIES, SUCH AS STAGING, SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL INSTALL SOD IN DISTURBED AREAS AND CONSULT WITH THE LANDSCAPE ARCHITECT FOR AN APPROVED SOD INSTALLATION SCHEDULE/METHOD.
  - SYMBOLS FOR STRUCTURES, PIPE AND ETC. USED FOR IDENTIFICATION ARE SHOWN IN LEGENDS AND SHALL BE FOLLOWED THROUGHOUT THE PLANS WHENEVER APPLICABLE. NOT ALL OF THE VARIOUS COMPONENTS SHOWN IN THESE LEGENDS ARE NECESSARILY USED IN THE PROJECT.
  - SCALE OF THE DRAWINGS OR DETAILS ARE SHOWN IN TITLE BLOCK OR DIRECTLY UNDER THE PLAN OR DETAIL. THE SIZE OF THE ORIGINAL PLOTTED DRAWINGS IS 22"x34". CARE SHOULD BE TAKEN TO VERIFY THE SCALE BAR IN THE TITLE BLOCK AREA TO DETERMINE THE SCALE OF REDUCED REPRODUCTIONS.
  - IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERFORM CONSTRUCTION ACTIVITIES PER THE CONTRACT DOCUMENTS. ANY ADDITIONS, DELETIONS, OR MODIFICATIONS SHALL FIRST MEET WITH THE WRITTEN APPROVAL OF THE ENGINEER AND THE OWNER.
  - CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMIT(S) AND COMPLY WITH ALL REQUIREMENTS OF GOVERNING AGENCIES.
  - THE CONTRACTOR SHALL KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE ESTABLISHED RIGHTS-OF-WAY. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, VEHICLES AND EQUIPMENT, LIMITS OF TRENCH EXCAVATION, AND EXCAVATED MATERIAL AND BACKFILL STORAGE. IF THE CONTRACTOR REQUIRES ADDITIONAL CONSTRUCTION EASEMENTS, IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN SUCH EASEMENTS FROM INDIVIDUAL PROPERTY OWNERS.
  - UTILITY LOCATIONS:
    - CONTRACTOR SHALL CONTACT BLUE STAKES TO LOCATE EXISTING UTILITIES.
    - ALL UTILITY LOCATIONS, SHOWN ON DRAWINGS, ARE APPROXIMATE AND ARE NOT INCLUSIVE OF ALL EXISTING UTILITIES.
    - CONTRACTOR TO VERIFY DEPTHS OF UTILITIES IN THE FIELD BY POT HOLEING A MINIMUM OF TWO WEEKS TIME AHEAD OF PIPELINE CONSTRUCTION TO AVOID CONFLICTS WITH DESIGNED PIPELINE GRADE AND ALIGNMENT. IF A CONFLICT ARISES RESULTING FROM THE CONTRACTOR NEGLECTING TO POT HOLE UTILITIES, THE CONTRACTOR TO RESOLVE THE CONFLICT WITHOUT ADDITIONAL COST OR CLAIM TO THE OWNER.
    - CONTRACTOR SHALL POT HOLE CRITICAL LOCATIONS AND OBTAIN ALL EXISTING PIPE O.D. PRIOR TO ORDERING OR OBTAINING MATERIALS REQUIRED FOR CONNECTIONS TO EXISTING PIPING. UTILITY SHUT-DOWNS AND OTHER WORK WILL NOT BE SCHEDULED OR ALLOWED UNTIL THIS IS ACCOMPLISHED AND MATERIALS ARE ON SITE AND APPROVED FOR USE BY SANDY CITY.
  - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE WHICH ARE TO REMAIN IN PLACE. ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTORS OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED TO ORIGINAL OR BETTER CONDITION TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR
  - THE CONTRACTOR IS RESPONSIBLE FOR LOCATING SERVICE LINES FOR GAS, SEWER, WATER, AND OTHER UTILITIES AND REPAIRING DAMAGE TO SUCH LINES AS A RESULT OF THE CONTRACTOR'S OPERATIONS. SERVICE CONNECTIONS FOR UTILITIES ARE NOT SHOWN ON THE DRAWINGS.
  - CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMANCE WITH LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES. CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF THE PUBLIC AND PROTECTION OF PERSONNEL AND WORKERS.
  - IF THE CONTRACTOR CHOOSES TO WORK ON THE PROJECT WHEN HOT MIX ASPHALT IS NOT AVAILABLE, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE GOVERNING AGENCY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY ASPHALT SURFACING MATERIAL. WHEN PERMANENT ASPHALT BECOMES AVAILABLE, THE CONTRACTOR SHALL REMOVE THE TEMPORARY ASPHALT, FURNISH AND INSTALL THE PERMANENT ASPHALT AT NO ADDITIONAL COST TO THE OWNER.
  - CONTRACTOR SHALL NOT DESTROY, REMOVE, OR DISTURB ANY EXISTING SURVEY MONUMENTS WITHOUT AUTHORIZATION OF CONTROLLING AGENCY. NO PAVEMENT CUTTING OR REMOVAL SHALL BEGIN UNTIL ALL SURVEY MARKERS OR MONUMENT POINTS THAT HAVE THE POTENTIAL OF BEING DISTURBED BY THE CONSTRUCTION OPERATIONS HAVE BEEN PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR. ALL SURVEY MONUMENTS OR POINTS DISTURBED BY THE CONTRACTOR SHALL BE ACCURATELY RESET BY A REGISTERED LAND SURVEYOR AFTER ALL RESTORATION AND RESURFACING HAS BEEN COMPLETED.
  - TRENCHING OPERATIONS SHALL BE PERFORMED SO AS TO PROTECT THE EXISTING CURB AND GUTTER. DAMAGED CURB AND GUTTER SHALL BE REPLACED TO MATCH EXISTING AT THE CONTRACTOR'S EXPENSE PER STANDARDS FOR SANDY CITY. TRENCH SUPPORTS AND DEWATERING (NOTE 13) SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL TRENCHES SHALL BE BACKFILLED AND/OR PLATED OR PROTECTED WITH CONCRETE BARRIER DURING NON-WORKING HOURS, PER EXCAVATION PERMIT REQUIREMENTS.
  - DEWATERING: GROUND WATER AND SURFACE WATER CONTROL SHALL BE PERFORMED AND RESPONSIBLY HANDLED BY THE CONTRACTOR ACCORDING TO, AND IN COMPLIANCE WITH, ALL LOCAL GOVERNING AUTHORITIES. GROUND WATER AND/OR SURFACE WATER PUMPING MAY BE REQUIRED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE POTENTIAL PUMPING NEEDS. THE CONTRACTOR SHALL NOT RELY ON OWNER SUPPLIED PROCTOR, GROUND WATER AND/OR SURFACE WATER DATA. CONTRACTOR SHALL OBTAIN DEWATERING PERMIT AS NECESSARY.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF EXCAVATIONS, AND ANY DAMAGE OF UTILITIES RESULTING FROM SETTLEMENT.
  - CONTRACTOR SHALL SALVAGE ALL REMOVED COPPER PIPE AND HYDRANTS AND PROVIDE THEM TO SANDY CITY, UNLESS NOTED OTHERWISE.
  - CONTRACTOR SHALL RESTORE OR REPLACE ANY SPRINKLING SYSTEMS AND LANDSCAPING DAMAGED DURING CONSTRUCTION TO EQUAL OR BETTER CONDITION THAN WHAT EXISTED PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
  - ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN A WORKMANLIKE AND SAFE MANNER AND IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND JOB-SITE RELATED CONSTRUCTION CONDITIONS AND REQUIREMENTS.

- OBTAIN PERMITS, INSPECTIONS AND APPROVALS AS REQUIRED BY JURISDICTIONAL AGENCIES AND PAY ALL ASSOCIATED FEES. CONTRACTOR AND INSTALLERS SHALL BE LICENSED AS REQUIRED BY STATE AND LOCAL JURISDICTIONS, AND BONDED AS DETERMINED BY SANDY CITY.
- CONTRACTOR SHALL PROVIDE AND UPDATE A CONSTRUCTION SCHEDULE FOR THE PROJECT PRIOR TO CONSTRUCTION.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTROL OF DRAINAGE AND EROSION DURING CONSTRUCTION AT CONSTRUCTION SITE, STAGING, AND SPOILS AREA. A STATE APPROVED SWPPP AND NOI IS NOT REQUIRED. CONTRACTOR SHALL FILL OUT SANDY CITY LINEAR SWPPP USING THE FOLLOWING LINK ALONG WITH RELATED BMPs: [HTTPS://SANDY.UTAH.GOV/HOME/SHOWDOCUMENT?ID=4562](https://SANDY.UTAH.GOV/HOME/SHOWDOCUMENT?ID=4562)
  - CONTRACTOR SHALL SAW CUT ASPHALT, SIDEWALK TO THE NEAREST JOINT, AND WHERE REQUIRED CURB AND GUTTER TO THE NEAREST JOINT AT THE LIMITS OF ALL TRENCH EXCAVATION.
  - CONTRACTOR SHALL PROVIDE SAFE ACCESS ACROSS TRENCH. ALL TRENCHES SHALL BE BACKFILLED AND/OR PLATED DURING NON-WORKING HOURS.
  - WORKING HOURS IN SANDY CITY SHALL BE 7:00 AM TO 7:00 PM.
  - INSTALL ALL MATERIALS ACCORDING TO MANUFACTURER RECOMMENDATIONS AND STATE AND LOCAL REQUIREMENTS. USE ONLY NEW AND UNUSED MATERIALS. ALL MATERIALS SHALL BE PROVIDED BY MANUFACTURERS REGULARLY ENGAGED IN PRODUCING SAID ITEMS, AND WHICH SHALL BE FIRST QUALITY, HEAVY DUTY, COMMERCIAL/INDUSTRIAL GRADE, SUITABLE FOR THE INTENDED USE.
  - CONTRACTOR SHALL RESTORE ALL DAMAGED CURB, GUTTER, SIDEWALK, DRIVEWAY APPROACHES, AND WATERWAYS IN ACCORDANCE WITH SANDY CITY SPECIFICATIONS. TO PRESERVE AND PROTECT EXISTING CURB AND GUTTER, CONTRACTOR SHALL FLOWABLE FILL UNDERNEATH CURB AND GUTTER AFTER TUNNELING FOR HYDRANTS OR SERVICE CONNECTIONS.
  - BUILDER/OWNER SHALL OBTAIN AN EXCAVATION PERMIT FROM SANDY CITY PUBLIC WORKS DEPARTMENT PRIOR TO DOING ANY WORK IN THE SANDY CITY RIGHT-OF-WAY. TRAFFIC PLAN, BONDING, AND INSURANCE WILL BE REQUIRED.
  - NOTIFY SANDY CITY PUBLIC WORKS INSPECTION DEPARTMENT, 801-568-2999, 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OF ANY ROADWAYS OR PUBLIC IMPROVEMENTS. INCLUDING SEWER FACILITIES. ALL INSPECTIONS MUST BE DONE PRIOR TO OR CONCURRENT WITH CONSTRUCTION. FAILURE TO MAKE THIS NOTIFICATION MAY RESULT IN THE UNCOVERING AND/OR REMOVAL OF ALL ITEMS INSTALLED WITHOUT NOTIFICATION, AT THE DISCRETION OF THE CITY ENGINEER.
  - ALL PUBLIC IMPROVEMENTS, WHICH ARE TO BE OWNED AND MAINTAINED BY SANDY CITY, AND ALL PUBLICLY- AND PRIVATELY-OWNED AND MAINTAINED ROADS SHALL BE CONSTRUCTED ACCORDING TO THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION (LATEST EDITION). THE SPECIFICATIONS CAN BE FOUND IN .PDF FORMAT ON LINE AT [WWW.SANDY.UTAH.GOV](http://WWW.SANDY.UTAH.GOV) (SEARCH FOR "STANDARD SPECIFICATIONS").
  - PROVIDE A PROCTOR TEST, FOR ROADBASE MATERIAL THAT IS TO BE PLACED IN THE PUBLIC RIGHT-OF WAY, TO THE SANDY CITY PUBLIC WORKS INSPECTOR, WHEN DELIVERED OR PLACED ON SITE.
  - FOLLOW ALL RECOMMENDATIONS OF THE APPROVED GEOTECHNICAL REPORT. SANDY CITY STANDARD SPECIFICATIONS AND DETAILS SHALL GOVERN, HOWEVER, UNLESS GEOTECHNICAL REPORT RECOMMENDATIONS ARE MORE STRINGENT.
  - DUST, MUD, AND EROSION SHALL BE ADEQUATELY CONTROLLED, BY WHATEVER MEANS NECESSARY, AND THE ROADWAY SHALL BE KEPT FREE OF MUD AND DEBRIS, AT ALL TIMES. HOWEVER, THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS, FOR DUST SUPPRESSION, IS ABSOLUTELY PROHIBITED.
  - ANY PROPOSED CHANGES TO THE APPROVED DESIGN SHALL BE REVIEWED AND APPROVED BY THE ENGINEER OR ARCHITECT OF RECORD AND THE CITY ENGINEER.
  - PRIOR TO RELEASE OF THE GUARANTEE FOR IMPROVEMENTS (BOND), AND ACCORDING TO THE "CITY ENGINEER REQUIREMENTS" LETTER FOR THIS PROJECT, THE DEVELOPER SHALL SUBMIT A .PDF COPY OF THE CONTRACTOR'S SITE (NOT BUILDING) CONSTRUCTION DRAWING SET TO SANDY CITY PUBLIC WORKS DEPARTMENT. AN AS-BUILT FIELD SURVEY IS NOT REQUIRED. THE AS-BUILT DRAWING MAY BE SUBMITTED BY E-MAIL AT [DPOLUSEN@SANDY.UTAH.GOV](mailto:DPOLUSEN@SANDY.UTAH.GOV), OR ON A USB FLASH DRIVE, OR THE HARD-COPY ORIGINAL MAY BE SUBMITTED TO SANDY CITY (DAVE POULSEN, 801-568-6058), WHERE THE SET WILL BE SCANNED AND RETURNED TO THE OWNER.
  - PROVIDE SLOPE AWAY FROM BUILDINGS THAT COMPLIES WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (2% MINIMUM/12% MAXIMUM ON HARDSURFACES; 5% MINIMUM/2:1 MAXIMUM IN LANDSCAPE AREAS-FOR A MINIMUM OF 10 FEET IN ANY CASE).
  - 2H:1V MAXIMUM SLOPE IN LANDSCAPED AREAS.
  - PROVIDE AN ESTIMATE OF THE QUANTITIES OF EXCAVATION AND FILL, AS WELL AS LOCATIONS OF BORROW SITES, SURPLUS DISPOSAL SITES, AND HAUL ROUTES, TO THE SANDY CITY PUBLIC WORKS INSPECTOR. FOR RETAINING WALLS THAT WILL BE 4.0 FEET HIGH OR HIGHER (FROM BOTTOM OF WALL FOOTING TO TOP OF WALL), SUBMIT DESIGN CALCULATIONS AND DETAILS, STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER CURRENTLY LICENSED IN UTAH, FOR REVIEW AND APPROVAL, TO RYAN KUMP, SANDY CITY ENGINEER (801-568-2962).
  - OBTAIN A PERMIT FROM THE SANDY CITY BUILDING DIVISION (801-568-7251) PRIOR TO CONSTRUCTING ANY RETAINING WALL THAT WILL BE 4.0 FEET HIGH OR HIGHER (FROM BOTTOM OF WALL FOOTING TO TOP OF WALL).
  - A PROFESSIONAL ENGINEER, CURRENTLY LICENSED IN UTAH, SHALL INSPECT DURING CONSTRUCTION, AND APPROVE AFTER CONSTRUCTION, ANY RETAINING WALLS THAT ARE 4.0 FEET HIGH OR HIGHER, FROM TOP OF WALL TO BOTTOM OF FOOTING. SAID ENGINEER SHALL SUBMIT A LETTER, STAMPED, WITH THE STAMP SIGNED AND DATED, AND INDICATING THAT THE WALL WAS INSTALLED ACCORDING TO THE APPROVED DESIGN, TO THE SANDY CITY ENGINEER, PRIOR TO RELEASE OF THE GUARANTEE FOR IMPROVEMENTS.

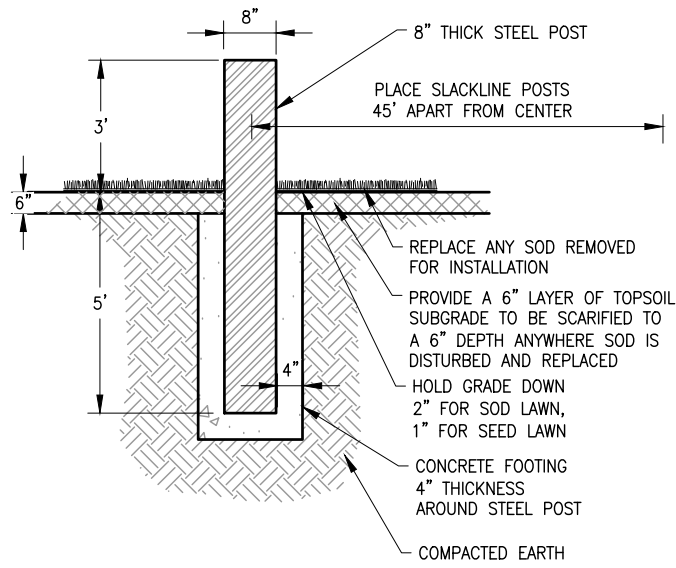


NO.	DATE	REV BY	DESCRIPTION

DESIGN	J. TSANDES	CHECKED	J. TSANDES	REVIEW	VERIFY SCALE	BAR IS ONE INCH ON ORIGINAL DRAWING
	C. GLABAU		J. TSANDES			

DATE:	JULY 2023
PROJECT NUMBER	286-22-01

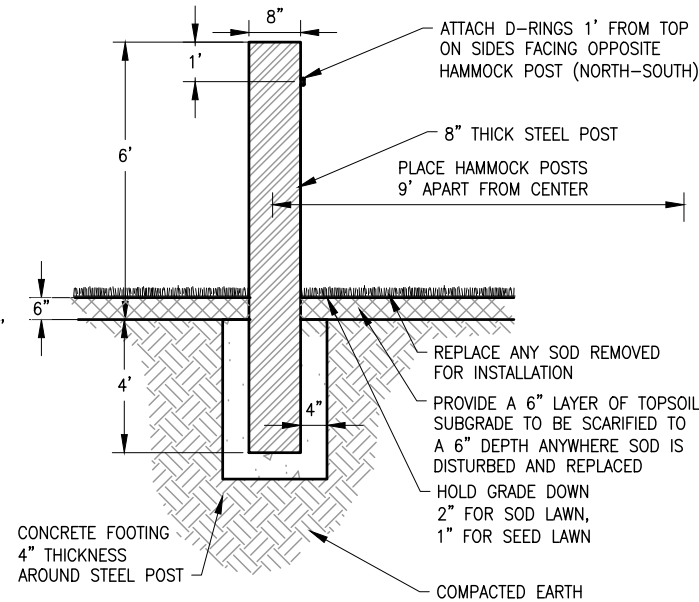
DRAWING NO. L-03  
SHEET 04 OF 06



**SLACKLINE POSTS**

SCALE: N.T.S.

2882



**HAMMOCK POSTS**

SCALE: N.T.S.

2883



TSG8-P4 with Double Bench

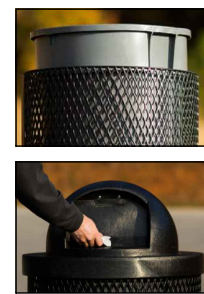
**NOTES:**

1. CONTACT ICON SHELTER SYSTEMS INC. FOR INFORMATION (800-748-0985).
2. MODEL TSG8-P4 WITH DOUBLE BENCH.
3. COORDINATE WITH SANDY CITY FOR COLOR AND FINISH SELECTION.
4. INSTALL PER MANUFACTURERS SPECIFICATIONS.

**SHADED BENCHES**

SCALE: N.T.S.

2884



COLOR TO BE SELECTED BY SANDY CITY



**NOTES:**

4. CONTACT BIG-T RECREATION FOR PRODUCTS (801-572-0782).
5. SUPERIOR AMENITIES 32 GALLON STANDARD CLASSIC TRASH RECEPTACLE MODEL NUMBER TR32CLASSIC.
6. SUPERIOR AMENITIES PLASTIC DOME TRASH RECEPTACLE TOP MODEL NUMBER DOME32.
7. SUPERIOR AMENITIES 32 GALLON RIGID PLASTIC TRASH RECEPTACLE LINER MODEL NUMBER LINER.
8. COORDINATE WITH SANDY CITY FOR COLOR SPECIFICATION.
9. SURFACE MOUNT PER MANUFACTURERS SPECIFICATIONS TO CONCRETE SURFACE. SURFACE MOUNT HARDWARE ACQUIRED SEPARATELY.

**TRASH RECEPTACLE**

SCALE: N.T.S.

2885



**NOTES:**

1. CORNHOLE/BAG TOSS - BY0B5531.
2. CONTACT OUTDOOR CONCRETE GAMES FOR PRODUCT.
3. SURFACE MOUNT PER MANUFACTURERS SPECIFICATIONS TO CONCRETE SURFACE.

**CONCRETE CORNHOLE**

SCALE: N.T.S.

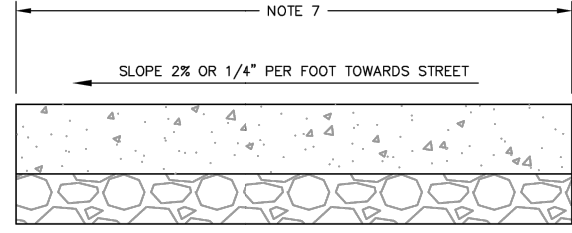
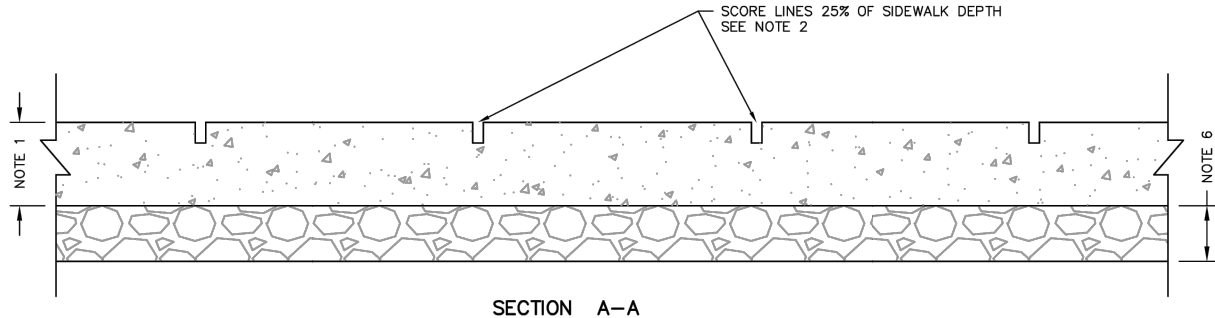
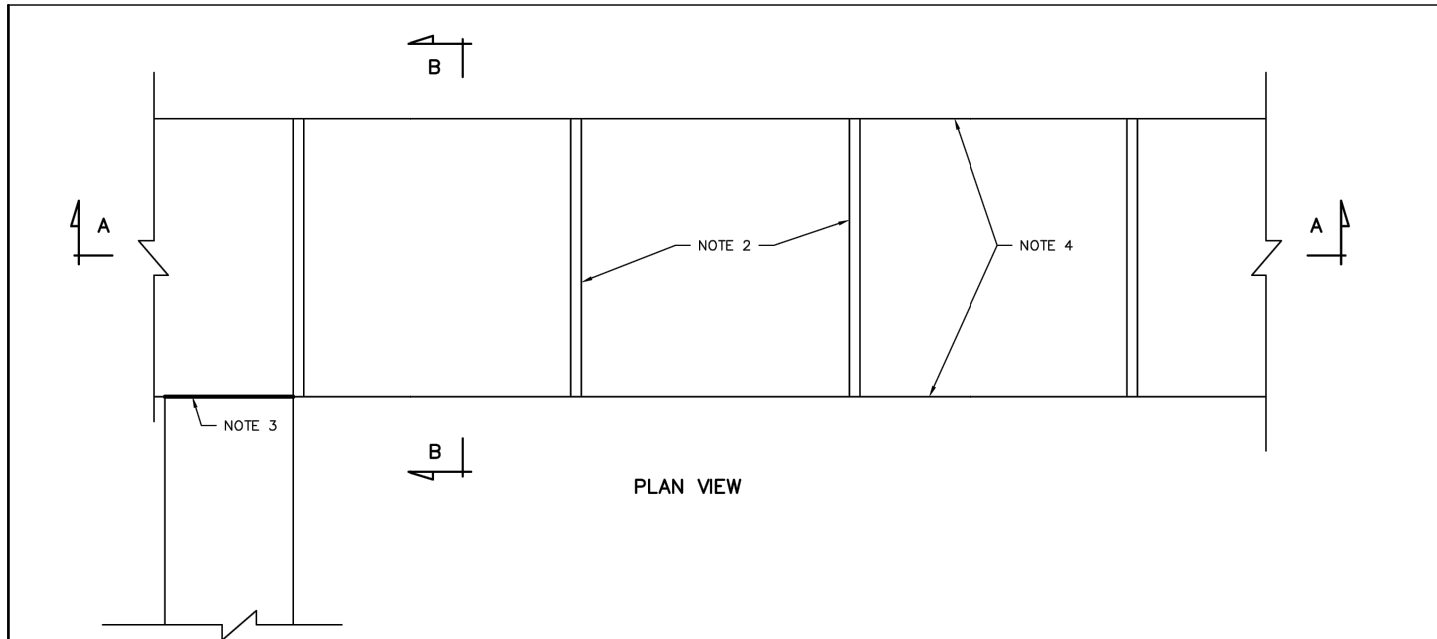
2886

NO.	DATE	REV. BY	DESCRIPTION

SANDY CITY PARKS AND RECREATION SANDY, UTAH		VERIFY SCALE
DESIGN	REVIEW	BAR IS ONE INCH ON ORIGINAL DRAWING
DESIGN C. GLABAU	CHECKED J. TSANDES	
DRAWN C. GLABAU	APPROVED J. TSANDES	

LANDSCAPE	DATE: JULY 2023
LANDSCAPE DETAILS - 1	PROJECT NUMBER 286-22-01

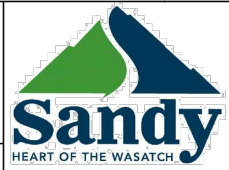
DRAWING NO.	L-04
SHEET	05 OF 06



**GENERAL NOTES**

1. USE MONOLITHIC CONSTRUCTION. 4" THICK EXCEPT AT DRIVEWAYS WHERE A THICKNESS OF 7" IN COMMERCIAL AND INDUSTRIAL ZONE AREAS AND 6" IN RESIDENTIAL ZONE AREAS IS REQUIRED.
2. PLACE SCORE LINES AT INTERVALS EQUAL TO 1 TIMES THE WIDTH OF THE SIDEWALK UNIFORMLY PLACED ALONG LENGTH OF SIDEWALK. SEE SECTION 03050.
3. USE 1/2" EXPANSION JOINT FILLER MADE OF PREMOLDED BITUMINOUS OR SIMILAR MATERIAL AT INTERSECTIONS WITH PERPENDICULAR SIDEWALKS OR DRIVEWAYS. SEE SW-02 FOR WHEELCHAIR RAMP DETAILS.
4. EDGE SIDEWALK WITH 1/2" RADIUS EDGING TOOL. ROUND EDGES AT EXPANSION JOINTS TO A RADIUS OF 1/2".
5. WALKS SHALL BE FINISHED AS PER SECTION 03050.
6. USE A MINIMUM OF 4" UNTREATED BASE COURSE COMPACTED TO 96% AVERAGE OF THE MAXIMUM DRY DENSITY. (ASTM D698)
7. UNLESS SPECIFIED OTHERWISE, CONSTRUCT WIDTH OF SIDEWALK AS FOLLOWS:
  - A) 5 FEET IF SIDEWALK IS ADJACENT TO A PARKING STRIP OVER 2 FEET WIDE, OR
  - B) 6 FEET IF SIDEWALK IS ADJACENT TO CURB AND GUTTER OR PARKING STRIPS LESS THAN 2 FOOT IN WIDTH, OR
  - C) MATCH TO EXISTING SIDEWALK EXTENSION WIDTHS IF 5' OR WIDER.
8. THE CLASS OF CONCRETE FOR SIDEWALK SHALL BE AA(AE), SEE SECTION 03000.

1	R. KUMP	DWG REVISION	5/24/17
2	R. KUMP	NOTE 7A REV	1/1/21
NO.	AUTHORIZED BY	REVISIONS	DATE



STANDARD DETAIL  
PUBLIC WORKS  
**SW-03**  
CONCRETE SIDEWALK

**SANDY CITY STANDARD CONCRETE SIDEWALK DETAIL**

SCALE: N.T.S.



NO.	DATE	REV BY	DESCRIPTION

SANDY CITY PARKS AND RECREATION <b>BICENTENNIAL PARK</b> SANDY, UTAH	DESIGN DESIGN: C. GLABAU DRAWN: C. GLABAU	REVIEW CHECKED: J. TSANDES APPROVED: J. TSANDES	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING

LANDSCAPE <b>LANDSCAPE DETAILS - 2</b>	PROJECT NUMBER 286-22-01
DATE: JULY 2023	DRAWING NO. <b>L-05</b>

# Sandy Bicentennial Park Tennis

Sandy, UT

## Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
T1, T4	50'	50'	1	TLC-LED-550	0.54 kW	A
		50'	1	TLC-LED-900	0.88 kW	A
T2-T3	50'	50'	2	TLC-LED-900	1.76 kW	A
<b>4</b>			<b>8</b>		<b>6.36 kW</b>	

Circuit Summary			
Circuit	Description	Load	Fixture Qty
A	Tennis/PB	6.36 kW	8

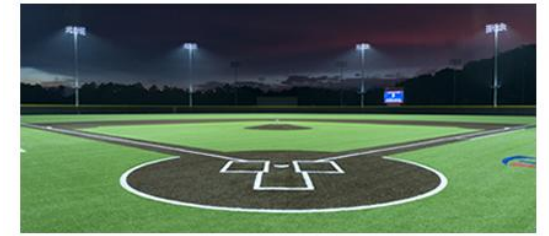
Fixture Type Summary							
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-550	LED 5700K - 75 CRI	540W	67,000	>120,000	>120,000	>120,000	2
TLC-LED-900	LED 5700K - 75 CRI	880W	104,000	>120,000	>120,000	>120,000	6

Single Luminaire Amperage Draw Chart							
Driver (.90 min power factor)	Max Line Amperage Per Luminaire						
	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
Single Phase Voltage							
TLC-LED-550	3.2	3.0	2.8	2.4	1.9	-	1.4
TLC-LED-900	5.2	4.9	4.5	3.9	3.1	2.9	2.3

## Light Level Summary

Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
Pickleball	Horizontal Illuminance	37	20	45	2.26	1.85	A	8
Tennis 1-2	Horizontal Illuminance	30.6	23	40	1.77	1.33	A	8

## From Hometown to Professional



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# Sandy Bicentennial Park Tennis

Sandy, UT

EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
2	T1, T4	50'	-	50'	TLC-LED-900	1	1
				50'	TLC-LED-550	1	1
2	T2-T3	50'	-	50'	TLC-LED-900	2	2
4	TOTALS					8	8

GRID SUMMARY	
Name:	Tennis 1-2
Size:	2 Court - 12' Spacing
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Guaranteed Average:	30
Scan Average:	30.64
Maximum:	40
Minimum:	23
Avg / Min:	1.36
Guaranteed Max / Min:	2.5
Max / Min:	1.77
UG (adjacent pts):	0.00
CU:	0.50
No. of Points:	30

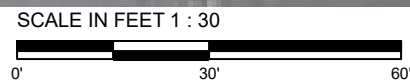
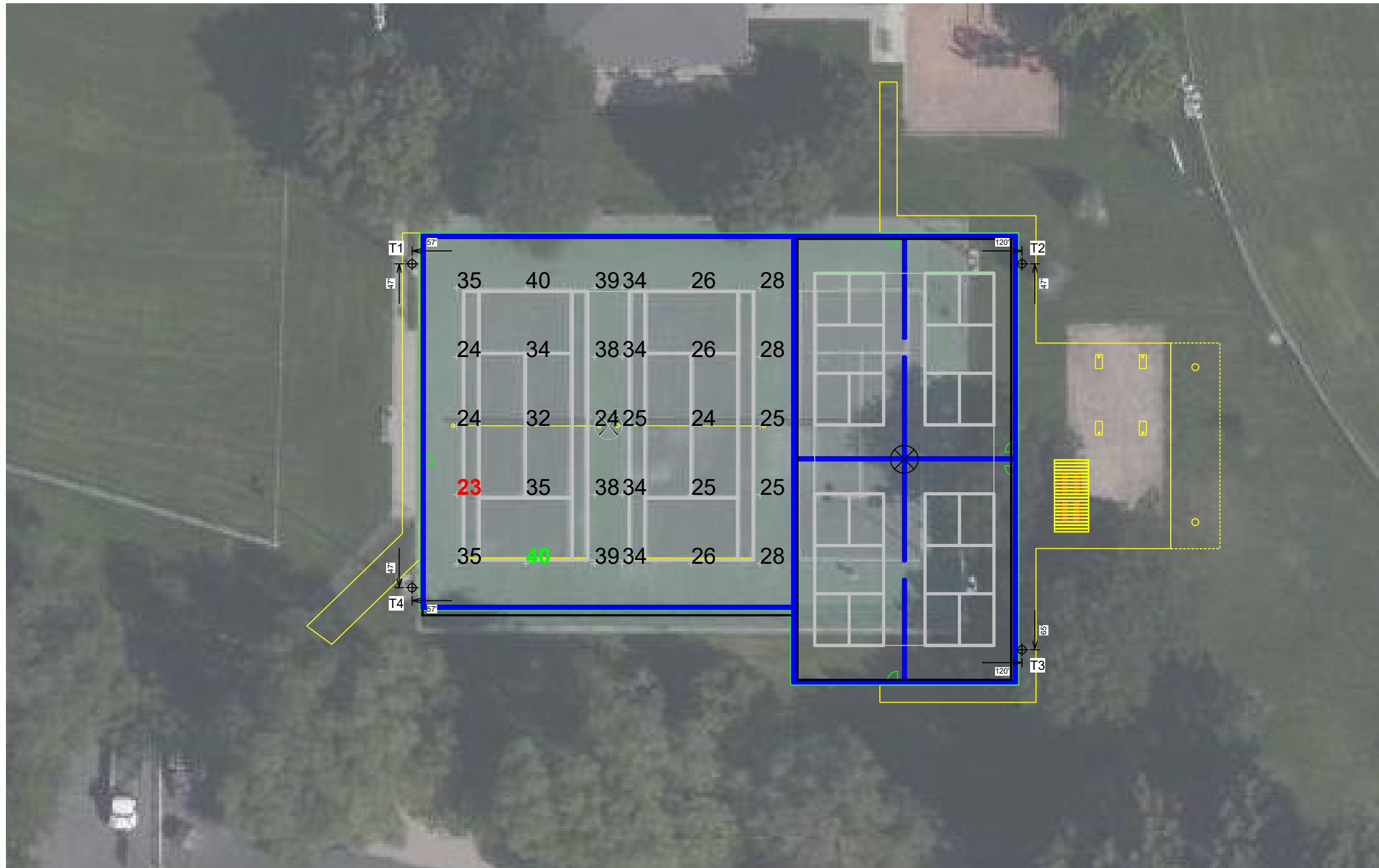
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	8
Total Load:	6.36 kW

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) Ⓢ dimensions are relative to 0,0 reference point(s) ⊗



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EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
2	T1, T4	50'	-	50'	TLC-LED-900	1	1
				50'	TLC-LED-550	1	1
2	T2-T3	50'	-	50'	TLC-LED-900	2	2
4	TOTALS					8	8

## Sandy Bicentennial Park Tennis

Sandy, UT

GRID SUMMARY	
Name:	Pickleball
Size:	62' x 128'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

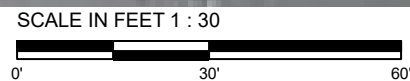
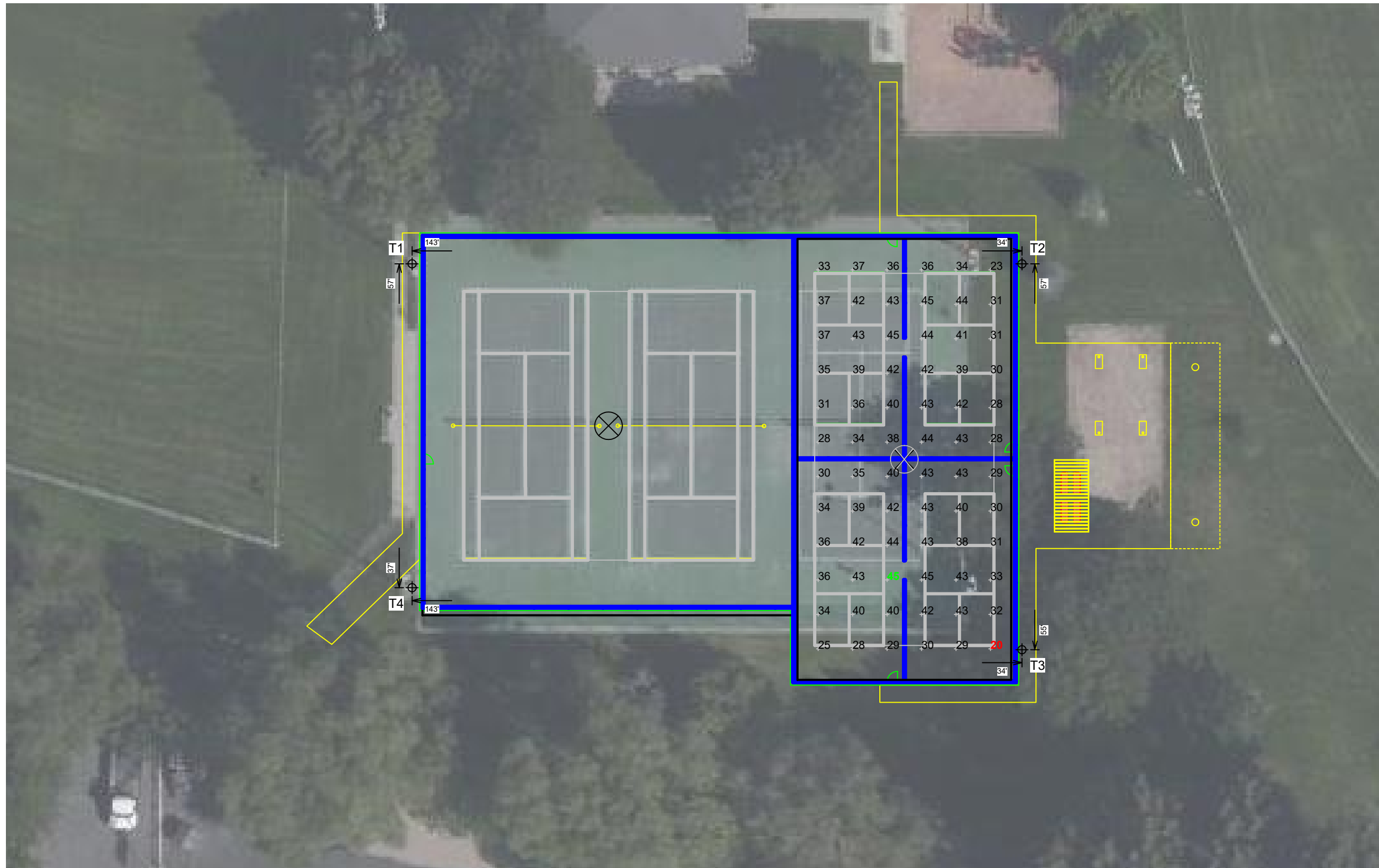
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Guaranteed Average:	30
Scan Average:	37.04
Maximum:	45
Minimum:	20
Avg / Min:	1.84
Guaranteed Max / Min:	4
Max / Min:	2.26
UG (adjacent pts):	1.57
CU:	0.36
No. of Points:	72
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	8
Total Load:	6.36 kW

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) Ⓢ dimensions are relative to 0,0 reference point(s) ⊗



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# Sandy Bicentennial Park Tennis

Sandy, UT

## EQUIPMENT LAYOUT

### INCLUDES:

- Pickleball
- Tennis 1-2

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

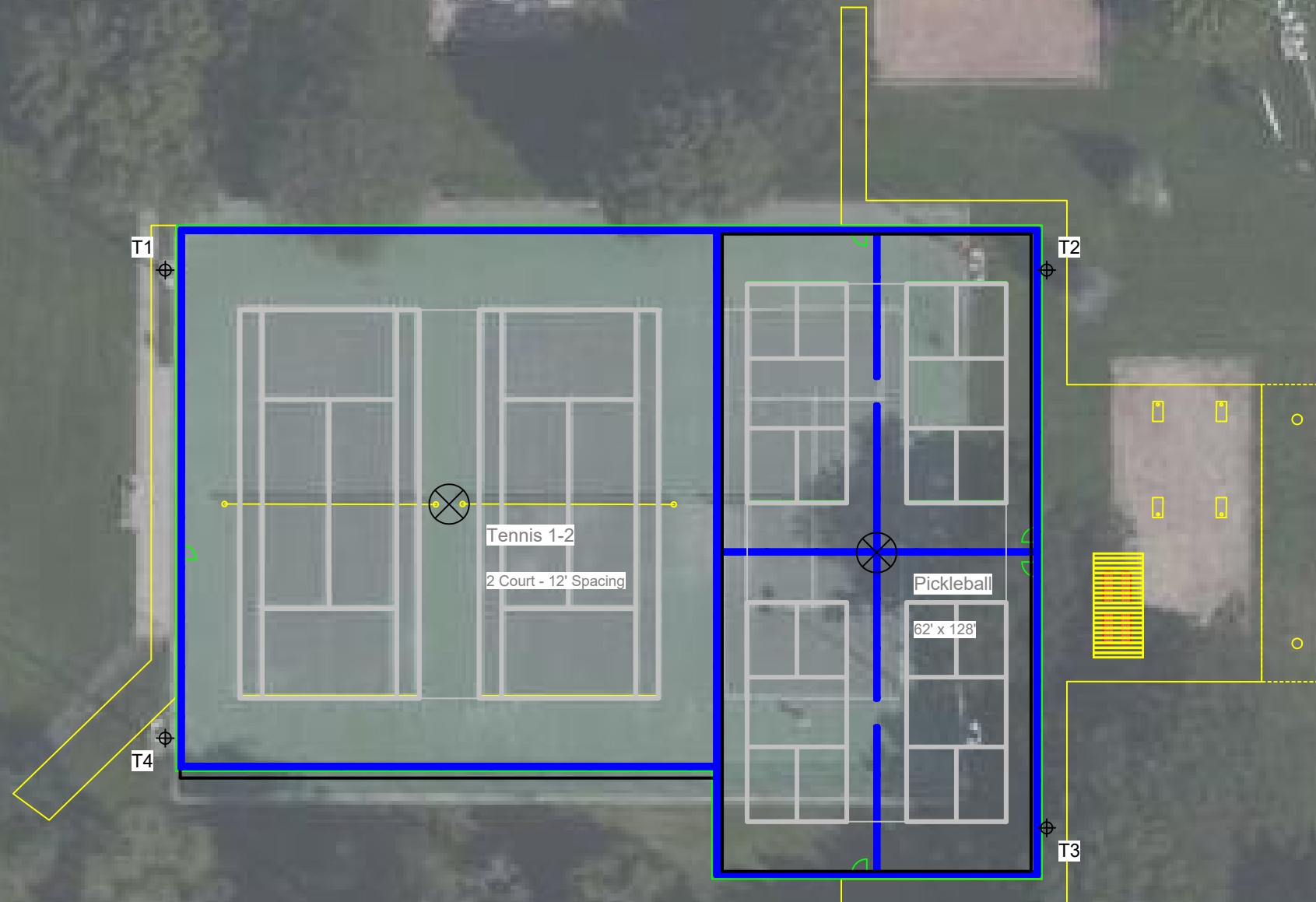
**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

## EQUIPMENT LIST FOR AREAS SHOWN

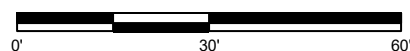
QTY	Pole			Luminaires		
	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
2	T1, T4	50'	-	50'	TLC-LED-900	1
				50'	TLC-LED-550	1
2	T2-T3	50'	-	50'	TLC-LED-900	2
4	TOTALS					8

## SINGLE LUMINAIRE AMPERAGE DRAW CHART

Driver (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-550	3.2	3.0	2.8	2.4	1.9	-	1.4
TLC-LED-900	5.2	4.9	4.5	3.9	3.1	2.9	2.3



SCALE IN FEET 1 : 30



Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗



**We Make It Happen.**



Exhibit "B"

**From:** Preston Larson <preston410@gmail.com>  
**Sent:** Thursday, August 31, 2023 5:48 PM  
**To:** Sarah Stringham <sstringham@sandy.utah.gov>  
**Subject:** [EXTERNAL] BiCentennial Park comment

Hi there - fellow urban planner here!

I'm a little bit bummed that the park proposal doesn't include any playground improvements. The playground at the park are pretty old and dilapidated!

Are there any plans to improve or replace the playground as well in the future?

Best,

Preston Larson  
8832 s 540 e  
801-455-2738