

Sycamore Park District
 Regular Board Meeting
 February 28, 2023
 6:00 PM

Sycamore Golf Club, A Facility of the Sycamore Park District
 Riverview Room
 940 E. State Street, Sycamore, IL

AGENDA

CALL TO ORDER (Roll Call Vote)

Motion to permit any Commissioners to participate remotely. (Roll Call Vote)

APPROVAL OF REGULAR AND CONSENT AGENDA (Voice Vote)

APPROVAL OF MINUTES: (Voice Vote)

3. Regular Minutes: January 24, 2023 (Voice Vote)
 Executive Session Minutes: January 24, 2023 (Roll Call Vote) to remain confidential.
9. Study Session Minutes: February 7, 2023 (Voice Vote)

APPROVAL OF MONTHLY CLAIMS:

11. Claims Paid Since Board Meeting (Roll Call Vote)
31. Claims Presented (Roll Call Vote)

CONSENT AGENDA:

39. Superintendent of Finance Monthly Report
41. Budget
55. Superintendent of Recreation Monthly Report
66. Superintendent of Golf Operations Monthly Report
68. Superintendent of Parks and Facilities Monthly Report
71. Executive Director Monthly Report

CORRESPONDENCE:

72. Tails
- **Students Suspensions review: ES**

PUBLIC INPUT:

POSITIVE FEEDBACK/REPORTS:

PLANNING COMMISSION REPORT: Ted

AGENDA**February 28, 2023, 6:00 PM****Page 2****OLD BUSINESS:**

- 73. Solar Energy Information: Shawn Ajazi Progressive Business Solutions
- 147. Park/Construction Updates: Jonelle/Jeff
 - North Grove
 - Reston Ponds
 - Memorial Park
 - Merry Oaks
- **Construction projects: ES - Jonelle**
- Staff update
- 148. 100th Anniversary Update:

NEW BUSINESS:

- KSRA report: Dawn Schaefer
- 152. Sports and facility lighting: Jonelle/Jeff
- 160. RecStar Sound Check Data results: Jonelle
- 199. Semi Annual Review Executive Session Minutes: Jonelle
- 201. Annual Report – first Draft
- 213. MOU annual review: Theresa/Lisa
- 215. IGA with DeKalb Park District

Special Announcements**Potential Study Session March 14 at 6:00 PM—940 E. State St.****PUBLIC INPUT****EXECUTIVE SESSION (Roll Call Vote): In accordance with 5 ILCS, Par. 120/2c, I move that the Board convene in Executive Session to discuss:**

- 5. The purchase or lease of real property for the use of the public body, including meetings held for the purpose of discussing whether a particular parcel should be acquired.
- 1. The appointment, employment, compensation, discipline, performance, or dismissal of specific employees of the public body or legal counsel for the public body, including hearing testimony on a complaint lodged against an employee of the public body or against legal counsel for the public body to determine its validity.

**Minutes of the Regular Meeting of the Board of Commissioners
Sycamore Park District
Tuesday, January 24, 2023**

The regular meeting of the Sycamore Park District Board of Commissioners, DeKalb County, Illinois, being held at our Clubhouse, located at 940 E. State St., Sycamore, Illinois is called to order at 6:01 p.m. on Tuesday, January 24, 2023.

Will the recording secretary please call the roll.

The following Sycamore Park District Commissioners are physically present and will be participating in the meeting in person: **Commissioners Doty, Strack and Kroeger.**

The following Sycamore Park District Commissioners are not physically present but will be participating in the meeting via video and/or audio conferencing: **None.**

The following Sycamore Park District Commissioners are not physically present and will not be participating in the meeting: **Commissioner Ackmann and Commissioner Graves.**

Staff members present were Jeff Donahoe, Jeanette Freeman, Jackie Hienbuecher, Kirk Lundbeck, Theresa Tevsh, Lisa Metcalf, Chris Hoblit, and Melissa Dobberstein. Director Bailey attended via Zoom.

Guests at the Board meeting were: There were none.

Regular and Consent Agenda Approval –

Motion

Commissioner Strack moved to approve the Regular Agenda and the Consent Agenda with pulling of Agenda Item #33, Budget and Agenda Item #56, Nicholas McCarney board report. Commissioner Doty seconded the Motion.

Voice Vote

President Kroeger called for a roll call vote to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

Approval of Minutes –

Motion

Commissioner Strack moved to approve the December 20, 2022, Regular Meeting Minutes. Commissioner Doty seconded the Motion.

Voice Vote

President Kroeger called for a voice vote to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

Motion

Commissioner Doty moved to approve the December 20, 2022, Executive Session Meeting Minutes to remain confidential. Commissioner Strack seconded the Motion.

Voice Vote

President Kroeger called for a voice vote to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

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Claims and Accounts Approval

Motion

Commissioner Strack moved to approve and pay the bills in the amount of \$196,742.41.
 Commissioner Doty seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

Correspondence – None

Public Input –

Director Bailey noted that Commissioner Graves commented he loves the idea of solar and to possibly have the Splash Pad open till 4:00 on Sunday since the pool closed.

Presentation of Awards:

Supt. Tevsh noted that Chris Hoblit and Melissa Dobberstein took the Certified Programmer class virtually and both passed. The plaques had not arrived yet, so she presented them with their certificate.

President Kroeger then presented Commissioner Strack with his 15-year Board Member award.

Positive Feedback –

- President Kroeger noted the final number of users is fantastic.

Plan Commission: Commissioner Strack noted there was a motion to change zoning to allow tattoo parlors in central business district, but this did not pass.

He also noted there was nominal changes to the UDO.

Old Business:

Construction Updates:

- **Memorial Park:** Director Bailey noted we are still waiting for the formal permit to use the fields and we need to move trees off the main water line. The City has given the construction company until April 28th to move them. She has a meeting set with ERA and the construction company on March 27th to make sure we follow that timeline.
- **North Grove:** Director Bailey noted we will be posting an online survey the 2nd week in February and then an in-person neighborhood one in April.
- **Reston Ponds:** Director Bailey noted we have a schedule for this. There will be an alternative bid for the paths as well as the parking lot.

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Construction Updates- cont'd:

- **Bridge #1/Hole 10:** Director Bailey noted the bridge is installed but we are waiting on the approaches. Supt. Donahoe noted they will move the irrigation pipe in the spring.

Final Review of FY2023 Annual Operating Budget:

Motion

Commissioner Strack moved to approve the Operating Budget as presented.
 Commissioner Doty seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

GWT Update: Director Bailey noted that we should have everything from three of the property owners in the next few weeks. We are still trying to get ahold of the other property owner. We would like to get an updated appraisal on the last property since things have changed with the guidewire. This should bring the price down.

Purchase of Merry Oaks Property: Director Bailey noted this is complete, we are waiting on the money. She then asked the board if we can put the money from the closing into capital which will help with these projects that have come up.

Motion

Commissioner Strack moved to approve putting the money into capital. Commissioner Doty seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

New Business

Open Positions/Job Descriptions/Organizational Chart: Director Bailey noted that with Theresa's retirement we are changing things around. There is no additional positions added.

Motion

Commissioner Doty moved to approve the Open Positions/Job Descriptions/Organizational Chart as presented. Commissioner Strack seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

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2023 Splash Fountain Fees: Facilities Manager Metcalf noted that since the pool is closed the pool pass won't exist. She did research on other splash pads to see what kind of pass they offer. The majority of them were free or included the fee in a pool pass. We are unique in the fact that we charge for ours. She is recommending leaving as a daily fee, but also offer a 15 visit punch pass. Supt. Tevsh responded to Commissioner Graves suggestion on the splash pad being open past 2:00. She noted that we do private rentals after hours. Fac. Manager Metcalf noted that we changed hours of the community center during COVID, but we will now be closing the community center at 6:00 pm so there will be a few more hours on Saturday for the splash pad.

Motion

Commissioner Doty moved to approve the 2023 Splash Fountain Fees as presented.
 Commissioner Strack seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

Update to Splash Fountain Signage: Supt. Tevsh noted that now we have a few years with the splash pad open, so they did a little tweaking of the signage. Fac. Manager Metcalf also noted they are changing where the sign is.

Motion

Commissioner Strack moved to approve the 2023 Splash Fountain Rules and Signage as presented. Commissioner Doty seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

Ordinance 01-2023 – An Ordinance abating the tax hereto levied for the year 2022 to pay the principal of and interest on General Obligation Park Bonds (Alternate Revenue Source), Series 2017A, of the Sycamore Park District, DeKalb County, Illinois

Motion

Commissioner Strack moved to approve Ordinance 01-2023. Commissioner Doty seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

Ordinance 02-2023 – An Ordinance abating the tax hereto levied for the year 2022 to pay debt service on General Obligation Refunding Park Bonds (Alternate Revenue Service) Series 2015A, of the Sycamore Park District, DeKalb County, Illinois.

Motion

Commissioner Doty moved to approve Ordinance 02-2023. Commissioner Strack seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

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Ordinance 03-2023 – An Ordinance abating the tax hereto levied for the year 2022 to pay the principal of and interest on General Obligation Park Bonds (Alternate Revenue Source), Series 2019A, of the Sycamore Park District, DeKalb County, Illinois

Motion

Commissioner Strack moved to approve Ordinance 03-2023. Commissioner Doty seconded the Motion.

Roll Call

President Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

Solar Energy Options: Director Bailey noted when they were looking at how much electricity was going to go up, Supt. Hienbuecher asked if she could have our energy broker find other options for us. They came back with solar. The solar that would be put on the maintenance building would cover 100% of the usage. The other parts would be about 55% of the usage. The community center the solar would cover 8 different meters (which includes the golf course). We are looking at projected annual savings of \$36,386.00. Commissioner Strack asked if the panels would be on the ground. Director Bailey noted that not knowing what we will be doing with the land by the building, we didn't want to dedicate the land to a 35 year lease. President Kroeger asked where would the panels be at the community center. Director Bailey noted on the roof, and they will not be sealed but will be weighted so they will not puncture the roof. President Kroeger asked if the roof is designed to hold this weight. Director Bailey noted they need to check into this further. President Kroeger noted we need to find out what the roof will take with the different type of snow load along with the weight of the materials. He noted we need more research and other opinions on this. He noted the board is supportive of this, but need to make sure we do the homework on it and talk to other companies that have done this in the area.

Staff Concerns - ES:

Special Announcements –

February Study Session: February 7th at 6:00 PM was scheduled.

Public Input – None

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Motion

The Board adjourned the Regular Session to go into Executive Session at 6:58 pm on a motion made by Commissioner Strack for the reasons listed below. The motion was seconded by Commissioner Doty.

Roll Call

President Kroeger called for a roll call vote to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

1. The appointment, employment, compensation, discipline, performance, or dismissal of specific employees of the public body or legal counsel for the public body, including hearing testimony on a complaint lodged against an employee of the public body or against legal counsel for the public body to determine its validity.
5. The purchase or lease of real property for the use of the public body, including meetings held for the purpose of discussing whether a particular parcel should be acquired.

The Board convened to Executive Session at 7:02 pm. The roll was called with Commissioners Doty, Strack and Kroeger present along with Director Bailey and Recording Secretary Jeanette Freeman.

Motion

The Board adjourned the Executive Session at 7:45 p.m. on a motion made by Commissioner Strack. The motion was seconded by Commissioner Doty.

Voice Vote

President Kroeger called for a voice vote to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

The Board reconvened to Regular Session at 7:45 pm. The roll was called with Commissioners Doty, Strack and Kroeger present along with Director Bailey and Recording Secretary Freeman.

Motion

The Board adjourned the Regular Session at 7:45 p.m. on a motion made by Commissioner Strack. The motion was seconded by Commissioner Doty.

Voice Vote

President Kroeger called for a voice vote to approve the motion. All commissioners present voted Aye. Motion carried 3-0. Commissioners Ackmann and Graves were absent.

Respectfully Submitted,

Jeanette Freeman
 Recording Secretary
 Sycamore Park District

**Minutes of the Special Study Session Meeting
Of the Board of Commissioners
Sycamore Park District
Tuesday, February 07, 2023**

The special study session meeting of the Sycamore Park District Board of Commissioners, DeKalb County, Illinois, held via Google Meet in Sycamore, Illinois is called to order at 6:01 p.m. on Tuesday, February 07, 2023.

Will the recording secretary please call the roll.

The following Sycamore Park District Commissioners are physically present and will be participating in the meeting in person: **None.**

The following Sycamore Park District Commissioners are not physically present but will be participating in the meeting via video and/or audio conferencing: **Commissioner Ackmann, Doty, Strack and Kroeger.**

The following Sycamore Park District Commissioners are not physically present and will not be participating in the meeting at this time: **Commissioner Graves.**

Staff members present were Director Bailey, Jeanette Freeman, and Jackie Hienbuecher.

Motion

Commissioner Doty made a motion to permit Commissioners Ackmann, Doty, Strack and Kroeger to participate remotely. Commissioner Strack seconded the Motion.

Roll Call

Pres. Kroeger called for a roll call to approve the motion. All commissioners present voted Aye. Motion carried 4-0. Commissioner Graves was absent.

Guests: None

Reston Ponds Playground: Director Bailey noted we have an opportunity to purchase the playground for Reston Ponds through a co-op. The cost would be \$75,000 instead of \$100,000. She would like approval to go ahead and get this ordered.

Motion

Commissioner Strack made a motion to approve the purchase of the playground equipment for Reston Ponds through the co-op at \$75,070.00. Commissioner Doty seconded the Motion.

Roll Call

Pres. Kroeger called for a roll call to approve the motion. Commissioners Ackmann, Doty Strack, and Kroeger voted Aye. Motion carried 4-0. Commissioner Graves was absent.

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 Sycamore Park District
 Tuesday February 07, 2023
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Discussion on the Clubhouse Construction: Director Bailey noted we had water damage in the clubhouse and pro shop area from a broken pipe. With changes she would like to make the cost is about \$52,000. Just to repair and replace everything the way it was would be about \$29,500. She would like to make improvements which would include changing the counters to a non-porous one, bumping out the counter two feet, reroute the plumbing and changing to a small sink. We need to also replace drywall in the clubhouse and pro shop area. The two bids received were from J & W Roofing who was at a base of \$29,500 with \$12,500 for the changes and Gehrke Construction at a base of \$33,100 with \$15,200 for the changes. Commissioner Strack asked if insurance covers this. Director Bailey noted yes insurance will cover some. Supt. Hienbuecher noted the insurance covers putting it back to the original way it was, but not any changes.

Commissioner Strack noted he has always wanted the clubhouse to be different or nicer. He would like to make the bar nicer and extend it out into the room more to make the area more appealing. If the rest of board thinks there is merit to this, better to do now then later. Director Bailey noted the adjustor thought the bids were high, so he is coming out tomorrow to look things over. She then noted we could use some of the closing money for this and the rest of it to help with the parking lot. Commissioner Strack noted he has lumber and is open to using some to create a spectacular bar. President Kroeger asked Commissioner Strack what he would use the wood for, and he responded to build the bar and shelving. President Kroeger noted it is worth having a discussion on this and recommended meeting at the building. Commissioner Strack noted he has done drawings in the past and he can bring those plus draw up a new footprint.

Director Bailey noted that we are under a time limit for it to be done by the end of March or early April. If not, this will cut into what we can do at the season start. She noted some things would depend on the health department approval also. It was decided that Director Bailey, Commissioner Strack and President Kroeger would meet at the clubhouse on Wednesday night.

Next Study Session: None was scheduled.

Motion

The Board adjourned the Study Session Regular Session at 6:23 p.m. on a motion made by Commissioner Doty. The motion was seconded by Commissioner Ackmann.

Voice Vote

Pres. Kroeger called for a voice vote to approve the motion. All commissioners present voted Aye. Motion carried 4-0. Commissioner Graves was absent.

Respectfully Submitted

Jeanette Freeman
 Recording Secretary
 Sycamore Park District

DATE: 02/17/2023
 TIME: 15:18:40
 ID: AP450000.WOW

SYCAMORE PARK DISTRICT
 PAID INVOICE LISTING

Inte Rim

FROM 01/20/2023 TO 02/17/2023

VENDOR # INVOICE # ITEM DESCRIPTION ACCOUNT NUMBER INV. DATE P. O. NUM CHECK # CHK DATE CHECK AMT INVOICE AMT/ ITEM AMT

1STAYD 1ST AYD CORPORATION

PSI585638 01 SHOP NITRITE SAFETY GLOVES 101500076514 01/12/23 65562 02/07/23 111.35 111.35
 02 SHOP NITRITE SAFETY GLOVES 202100076514 55.67
 55.68

AALCO AALCO VENDOR TOTAL: 111.35

53950 01 FREIGHT-VOLLYBALL POST 207500046216 02/06/23 65604 02/14/23 25.00 25.00
 25.00

ACUSHNET ACUSHNET COMPANY VENDOR TOTAL: 25.00

914927686 01 PINNACLE EXCEPTION JAR BALL DZ 501000001300 02/07/23 65605 02/14/23 4,686.13 306.61
 02 DISC INV 914927686 501000001300 287.50
 03 SHIPPING INV 914927686 501000001300 00006075 -5.75
 00006075 24.86

914947370 01 PRO-V1 DOZENS 501000001300 02/09/23 65605 02/14/23 4,686.13 4,379.52
 02 PRO-V1 YELLOW 501000001300 747.00
 03 PRO-V1x DOZENS 501000001300 00006075 249.00
 04 TOUR SOFT DOZENS 501000001300 00006075 1,245.00
 05 TOUR SOFT YELLOW DOZENS 501000001300 00006075 330.00
 06 VELOCITY DOZENS 501000001300 00006075 165.00
 07 TRUFEEL DOZENS 501000001300 00006075 270.00
 08 PINNACLE 15 BALL PACKS 501000001300 00006075 114.00
 09 DISC INV 914947370 501000001300 00006075 1,176.00
 10 SHIPPING INV 914947370 501000001300 00006075 -85.92
 00006075 169.44

ADVANCE ADVANCE AUTO PARTS VENDOR TOTAL: 4,686.13

2454-478569 01 FILTERS - ALL EQUIP 504100066403 01/03/23 65565 02/07/23 2,384.11 1,336.62
 02 FILTERS - ALL EQUIP 101500066403 445.54
 03 FILTERS - ALL EQUIP 202100066403 445.54
 445.54

2454-478591 01 FILTERS, CLEANERS, OIL FILTERS 101500066403 01/03/23 65565 02/07/23 2,384.11 308.51
 02 FILTERS, CLEANERS, OIL FILTERS 202100066403 102.83
 03 FILTERS, CLEANERS, OIL FILTERS 504100066403 102.83
 102.85

2454-478594 01 TRACTORS CAP, POINTS, CONTACTS 101500066402 01/03/23 65565 02/07/23 2,384.11 121.98
 121.98

VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
2454-478678	01	SPARK PLUGS TRACTORS	202100066402	01/05/23	00006045	65565	02/07/23	2,384.11	34.48 34.48
2454-478694	01	SPARK PLUGS, BRAKE CLN, SEAFOAM	202100066403	01/05/23	00006047	65565	02/07/23	2,384.11	210.24 210.24
2454-479315	01	FILTER -GASKET LUBE	101500066403	01/19/23		65565	02/07/23	2,384.11	27.21 27.21
2454-479374	01	OIL FILTER MOWER	504100066403	01/20/23	00006062	65565	02/07/23	2,384.11	7.86 7.86
2454-479456	01	GREASE/FUEL FILTERS MOWERS	101500066403	01/23/23	00006061	65565	02/07/23	2,384.11	50.40 50.40
2454-479471	01	MOWER HYDRAULIC FILTERS	202100066403	01/23/23	00006060	65565	02/07/23	2,384.11	92.38 92.38
2454-479528	01	FUEL/OIL/AIR FILTERS	202100066402	01/24/23	00006066	65565	02/07/23	2,384.11	83.55 83.55
2454-479621	01	TRUCK HEADLIGHT/REGULATOR	101500066402	01/26/23	00006065	65565	02/07/23	2,384.11	50.18 50.18
2454-479623	01	FUEL FILTERS MOWERS	202100066403	01/26/23	00006064	65565	02/07/23	2,384.11	22.80 22.80
2454-479733	01	HYDRAULIC FILTERS - MOWERS	202100066403	01/30/23		65565	02/07/23	2,384.11	18.66 18.66
2454-479811	01	DEERE BLOWER AIR FILTER	504100066403	01/31/23	00006090	65565	02/07/23	2,384.11	19.24 19.24
AFLAC	AFLAC						VENDOR TOTAL:		2,384.11
362076	01	AFLAC - PRE TAX	10100002006	01/12/23		65525	01/24/23	502.82	502.82
	02	AFLAC - AFTER TAX	10100002007						474.02 28.80
AIRGAS	AIRGAS USA LLC						VENDOR TOTAL:		502.82
9994343617	01	WELDING FUEL TANKS RENTAL	101500066401	01/31/23		65534	02/02/23	37.88	37.88 37.88

FROM 01/20/2023 TO 02/17/2023

VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
ALARMDET		ALARM DETECTION SYSTEMS, INC							
	SI-585931								
		01 BATTERY WORK	1010000056300	01/06/23		65566	02/07/23	368.58	368.58
		02 BATTERY WORK	2010000056300						184.29
									184.29
		VENDOR TOTAL:							37.88
ALL		ALL STAR SPORTS INSTRUCTION							
	231017	01 INVOICE WINTER/SPRING SEC 1 CL 205550076128		02/08/23		65606	02/14/23	2,279.00	2,279.00
									2,279.00
		VENDOR TOTAL:							2,279.00
ALLST		ALL STAR PRO GOLF							
	INV30674								
		01 CHAMP FLY TEES 2/ 3/4	5010000001306	02/07/23	00006103	65607	02/14/23	438.16	438.16
		02 CHAMP FLY TEES 3 3/4	5010000001306		00006103				357.84
		03 SHIPPING INV30674	5010000001306		00006103				57.84
									22.48
		VENDOR TOTAL:							438.16
ANCEL		ANCEL GLINK, P.C.							
	94191	01 CORPORATE MATTERS	1010000036120	01/11/23		65567	02/07/23	442.50	442.50
									442.50
		VENDOR TOTAL:							442.50
BANN		BANNER UP SIGNS							
	79342	01 HOURS FOR CC WINDOWS	207500076500	01/30/23	00006086	65568	02/07/23	159.00	159.00
									159.00
		VENDOR TOTAL:							159.00
BATTERIE		BATTERIES PLUS BULBS							
	P59516609	01 CH FIRE ALARM BATTERIES	1010000066401	02/02/23		65535	02/02/23	89.30	89.30
									89.30
		VENDOR TOTAL:							89.30
BSN		BSN SPORTS							
	919736510	01 2 DOUBLE RIM BBALL HOOP CC	2075000046216	12/09/22	00006113	65608	02/14/23	488.30	488.30
		02 FREIGHT	2075000046216		00006113				447.98
									40.32

FROM 01/20/2023 TO 02/17/2023

VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
BURRI	BURRIS EQUIPMENT CO.								488.30
	PS3010388-2	01 SEAL BODY KIT-MOWER	202100066403	01/27/23		65569	02/07/23	49.39	49.39
									49.39
CAPITALO	CAPITAL ONE								49.39
	1646488519	01 PLATES/CUPS/SILVERWARE	101000046212	01/19/23		65571	02/07/23	870.18	870.18
		02 PLATES/CUPS/SILVERWARE	201000046212						10.84
		03 MINI BOTTLES	101000046213						10.84
		04 MINI BOTTLES	201000046213						9.88
		05 GIFT CARDS/CANDY	101000046212						9.89
		06 GIFT CARDS/CANDY	201000046212						252.95
		07 POP	303000086631						252.96
		08 CHIPS	303000086622						32.56
		09 CHILI POWDER	206095196230						55.44
		10 2OZ PLASTIC CUPS	206095196216						9.78
		11 SPOONS	206095196216						44.48
		12 COFFEE	207500076555						31.16
		13 NAPKINS	206095196216						10.92
		14 CHILI MAKINGS	206095196230						5.54
		15 BOWLS	206095196230						25.68
		16 MARSHMALLOWS	206095176216						4.76
		17 BAGGIES	206095176216						6.02
		18 PITA BREAD	206095196216						2.24
		19 HAMBURGER	206095196216						22.44
		20 CANNED POP	206095196230						26.76
		21 BOTTLED WATER	206095196230						32.34
		22 GRAHAM CRACKERS	206095176216						10.72
									1.98
									VENDOR TOTAL:
									870.18
CEDAR	CEDAR RAPIDS TIRE								
	904708	01 ROUGH MOWER TIRES	202100066403	01/26/23		65536	02/02/23	359.64	289.26
		02 ROUGH MOWER TIRES	101500066403						144.63
									144.63
	905316	01 TIRES MOWER	202100066403	02/02/23		65536	02/02/23	359.64	70.38
									70.38
									VENDOR TOTAL:
									359.64

FROM 01/20/2023 TO 02/17/2023

VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P. O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
CHICA		CHICAGO DISTRICT GOLF ASSOC.							
		ANNUAL 2023 DUES							
		01 ANNUAL DUES	504000036127	01/31/23		65537	02/02/23	100.00	100.00
									100.00
CINTA		CINTAS CORPORATION #355							
		4141977531							
		01 RAG & RUG SERVICE	101500056301	12/30/22		65540	02/02/23	419.82	29.33
		02 RAG & RUG SERVICE	504100056301						10.87
		03 RAG & RUG SERVICE	201000056301						10.86
		04 RAG & RUG SERVICE	101000056301						3.80
									3.80
		4141977570							
		01 RAG & RUG SERVICE	201000056301	12/30/22		65540	02/02/23	419.82	17.36
									17.36
		4141977677							
		01 RAG & RUG SERVICE	207500056301	12/30/22		65540	02/02/23	419.82	36.78
									36.78
		4142743341							
		01 RAG & RUG SERVICE	207500056301	01/06/23		65540	02/02/23	419.82	36.78
									36.78
		4142743386							
		01 RAG & RUG SERVICE	101500056301	01/06/23		65540	02/02/23	419.82	29.33
		02 RAG & RUG SERVICE	504100056301						10.87
		03 RAG & RUG SERVICE	201000056301						10.86
		04 RAG & RUG SERVICE	101000056301						3.80
									3.80
		4143416711							
		01 RAG & RUG SERVICE	207500056301	01/13/23		65540	02/02/23	419.82	43.39
									43.39
		4143416717							
		01 RAG & RUG SERVICE	101500056301	01/13/23		65540	02/02/23	419.82	29.33
		02 RAG & RUG SERVICE	504100056301						10.87
		03 RAG & RUG SERVICE	201000056301						10.86
		04 RAG & RUG SERVICE	101000056301						3.80
									3.80
		4143416788							
		01 RAG & RUG SERVICE	201000056301	01/13/23		65540	02/02/23	419.82	17.36
									17.36
		4144158949							
		01 RAG & RUG SERVICE	101500056301	01/20/23		65540	02/02/23	419.82	29.33
		02 RAG & RUG SERVICE	504100056301						10.87
		03 RAG & RUG SERVICE	201000056301						10.86
		04 RAG & RUG SERVICE	101000056301						3.80
									3.80

VENDOR TOTAL:

SYCAMORE PARK DISTRICT
 PAID INVOICE LISTING

FROM 01/20/2023 TO 02/17/2023

VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
4144158999	01	RAG & RUG SERVICE	201000056301	01/20/23		65540	02/02/23	419.82	17.36
4144159044	01	RAG & RUG SERVICE	207500056301	01/20/23		65540	02/02/23	419.82	43.39
4144863508	01	RAG & RUG SERVICE	201000056301	01/27/23		65540	02/02/23	419.82	17.36
4144863556	01	RAG & RUG SERVICE	101500056301	01/27/23		65540	02/02/23	419.82	29.33
	02	RAG & RUG SERVICE	504100056301						10.87
	03	RAG & RUG SERVICE	201000056301						10.86
	04	RAG & RUG SERVICE	101000056301						3.80
4144863573	01	RAG & RUG SERVICE	207500056301	01/27/23		65540	02/02/23	419.82	43.39
4145528040	01	RAG & RUG SERVICE	101500056301	02/03/23		65572	02/07/23	90.08	29.33
	02	RAG & RUG SERVICE	504100056301						10.87
	03	RAG & RUG SERVICE	201000056301						10.86
	04	RAG & RUG SERVICE	101000056301						3.80
4145528083	01	RAG & RUG SERVICE	207500056301	02/03/23		65572	02/07/23	90.08	43.39
4145528086	01	RAG & RUG SERVICE	201000056301	02/03/23		65572	02/07/23	90.08	17.36
CINTA2	CINTAS CORP						VENDOR TOTAL:		509.90
8406076070	01	1ST AID - MAINT	101500076513	01/20/23		65573	02/07/23	67.62	67.62
	02	1ST AID - MAINT	202100076513						33.81
CITY	CITY OF SYCAMORE						VENDOR TOTAL:		67.62
DECEMBER 2022	01	CITY SALES TAX - VENDING	207500086650	01/20/23		65522	01/20/23	24.00	24.00
	02	CITY SALES TAX - CATERING	303500116852						11.00
							VENDOR TOTAL:		13.00
							VENDOR TOTAL:		24.00

SYCAMORE PARK DISTRICT
 PAID INVOICE LISTING

FROM 01/20/2023 TO 02/17/2023

VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	CHK DATE	CHECK #	CHECK AMT	INVOICE AMT/ ITEM AMT
CITY2	CITY OF SYCAMORE							
	1420560000-0123	01 WATER/SEWER - POOL	518100096704	01/31/23	02/02/23	65541	923.80	821.58 821.58
	1420565000-01223	01 WATER/SEWER - POOL	518100096704	01/31/23	02/02/23	65541	923.80	102.22 102.22
					VENDOR TOTAL:			923.80
CMJ	CMJ TECHNOLOGIES, INC.							
	17092	01 2 LAPTOPS	701000207004	01/18/23	02/07/23	65574	6,529.69	4,135.97 4,135.97
	17094	01 MONITOR	701000207014	01/18/23	02/07/23	65574	6,529.69	399.99 399.99
	17134	01 MOUNTING ARM MONITOR	701000207004	02/01/23	02/07/23	65574	6,529.69	483.98 483.98
	17160	01 OFFICE 365	101000046206	02/01/23	02/07/23	65574	6,529.69	1,509.75 255.87 255.88
		02 OFFICE 365	201000046206					499.00 499.00
		03 MONTHLY MAINT	101000056304					499.00
		04 MONTHLY MAINT	201000056304					499.00
					VENDOR TOTAL:			6,529.69
COMCA	COMCAST							
	0468024-0123	01 CABLE	207500096705	01/10/23	02/02/23	65542	687.15	687.15 397.19 144.98 144.98
		02 INTERNET	101000096706					
		03 INTERNET	201000096706					
	0468768 1-25-23	01 CABLE	303000096705	01/25/23	02/07/23	65575	187.01	187.01 93.51 93.50
		02 CABLE	504000096705					
					VENDOR TOTAL:			874.16
COMMO	COMMONWEALTH EDISON							
	010623	01 FOUNDERS PARK	101500096702	01/06/23	01/25/23	65531	1,864.61	601.34 24.49 23.40 14.20 47.44 19.43 61.87
		02 OLD MILL	101500096702					
		03 BOYNTON PARK	101500096702					
		04 KIWANIS PARK	101500096702					
		05 EMIL CASSIER PARK	101500096702					
		06 SYCAMORE LAKE	101500096702					

FROM 01/20/2023 TO 02/17/2023

VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
010623		07 GOOD TYMES SHELTER	101500096702	01/06/23		65531	01/25/23	1,864.61	601.34
		08 WETZEL PARK	101500096702						5.32
		09 ENTRY PARK	101500096702						41.57
		10 MAINT BLDG	101500096702						23.40
		11 MAINT BLDG	504100096702						156.38
		12 SPORTS COMPLEX	202100096702						156.38
		13 SOCCER COMPLEX	101500096702						0.15
									27.31
020123		01 BOYNTON PARK	101500096702	02/01/23		65576	02/07/23	105.03	105.03
		02 KIWANIS PARK	101500096702						14.20
		03 EMIL CASSIER PARK	101500096702						43.62
		04 SOCCER COMPLEX	101500096702						19.72
									27.49
020323		01 GOOD TYMES SHELTER	101500096702	02/03/23		65609	02/14/23	74.14	74.14
		02 ENTRY PARK	101500096702						27.47
									46.67
0558722008-0123		01 POOL	518100096702	01/11/23		65531	01/25/23	1,864.61	1,263.27
		02 MAINT	101500096702						18.22
		03 MAINT	504100096702						9.79
		04 CART BLDG	504000096702						9.79
		05 ELECTRONIC SIGN	101000096702						336.79
		06 ELECTRONIC SIGN	201000096702						0.83
		07 COMMUNITY CENTER	207500096702						0.83
									887.02
COMMRECR	COMMERCIAL RECREATION						VENDOR TOTAL:	2,043.78	
Q0021194	01 DEPOSIT - LIGHTENING DETECTION	701000207008		01/19/23		65577	02/07/23	19,440.00	19,440.00
									19,440.00
CONS	CONSERV FS						VENDOR TOTAL:	19,440.00	
121019996	01 DIESEL - GOLF	504100076515		01/25/23		65578	02/07/23	768.89	251.93
	02 DIESEL - PARKS	101500076515							183.22
									68.71
121019997	01 GASOLINE - GOLF	504100076515		01/25/23		65578	02/07/23	768.89	516.96
	02 GASOLINE - TRUCKS	101500076515							139.86
									377.10
40018146	01 SALT - ICE MELT	207500066401		01/24/23		65543	02/02/23	306.25	306.25
	02 SALT - ICE MELT	101500066401							153.12
									153.13

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VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
DEKA	DEKALB LAWN & EQUIPMENT CO.								
	88764	01 VALVE KIT, BLADE ZERO TURN TOR	202100066403	01/26/23	00006067	65544	02/02/23	115.68	115.68
	88787	01 PARTS FOR ALL SMALL ENGINES	202100066403	01/26/23	00006093	65579	02/07/23	309.39	297.49
		02 SMALL ENGINE PARTS	101500066403		00006093				99.16
		03 SMALL ENGINE PARTS	504100066403		00006093				99.17
	88860	01 AIR FILTER, SPRING - WEEDATER	101500066403	02/03/23	00006092	65579	02/07/23	309.39	11.90
									11.90
	88896	01 MOWER SEAL KIT, ORINGS	202100066403	02/08/23	00006112	65610	02/14/23	129.08	129.08
DEKA2	DEKALB IMPLEMENT CO.,								
	226325	01 1550 TRACTOR HOSE, BOWL, RINGS	101500066403	02/06/23	00006111	65611	02/14/23	779.16	117.07
	226462	01 DEERE BLOWER REAR CYLINDER	504100066403	02/09/23	00006109	65611	02/14/23	779.16	662.09
		02 REAR CYLINDER	101500066403		00006109				331.00
DTN, LLC	DTN, LLC								
	6262039	01 WEATHER SYSTEM	101500056307	02/10/23		65612	02/14/23	3,384.00	3,384.00
		02 WEATHER SYSTEM	504000056307						1,692.00
ECO	ECOWATER SYSTEMS, INC.								
	130856-0123	01 SALT	101000056300	01/19/23		65580	02/07/23	34.10	34.10
		02 SALT	201000056300						17.05
ENGIN	ENGINEERING RESOURCE ASSOC								
	140313F2.02	01 RIVERSIDE ADDL PARK	711000207037	01/20/23		65581	02/07/23	7,852.50	3,060.00
									3,060.00

VENDOR TOTAL: 1,075.14

VENDOR TOTAL: 554.15

VENDOR TOTAL: 779.16

VENDOR TOTAL: 3,384.00

VENDOR TOTAL: 34.10

VENDOR TOTAL: 34.10

SYCAMORE PARK DISTRICT
 PAID INVOICE LISTING

FROM 01/20/2023 TO 02/17/2023

VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
	W21225500.12	01 BRIDGE REPLACEMENTY	1010000036125	01/20/23		65581	02/07/23	7,852.50	4,792.50 4,792.50
EPOCH	EPOCH EYEWEAR						VENDOR TOTAL:		7,852.50
	INV-008867	01 SUNGLASSES FOR STOCK	501000001306	02/07/23	00006106	65613	02/14/23	376.38	376.38
		02 DIFFERENCE	501000001306		00006106				-0.36
FOX1	FOX VALLEY FIRE & SAFETY						VENDOR TOTAL:		376.38
	IN00566334	01 FIRE ALARM MONITOR-SHOP	101500066401	12/07/22		65526	01/24/23	165.00	165.00 165.00
	IN00579548	01 CH FIRE HOOD SUPRESSION SYSTEM	101000056300	02/07/23		65614	02/14/23	96.50	96.50 96.50
FRONTIER	FRONTIER						VENDOR TOTAL:		261.50
	0670-010723	01 ADMIN	101000096700	01/07/23		65545	02/02/23	803.82	599.78 299.89 299.89
		02 ADMIN	201000096700						
	4818-012223	01 MAINT	101500096700	01/22/23		65545	02/02/23	803.82	204.04 102.02 102.02
		02 MAINT	202100096700						
GENOABU	GENOA BUSINESS FORMS						VENDOR TOTAL:		803.82
	391503IN	01 A/P CHECKS	101000046203	01/31/23		65615	02/14/23	345.64	144.39 72.19 72.20
		02 A/P CHECKS	201000046203						
	391588IN	01 #10 WINDOW ENVELOPES	101000046203	02/08/23		65615	02/14/23	345.64	201.25 100.62 100.63
		02 #10 WINDOW ENVELOPES	201000046203						
GRAI	GRAINGER						VENDOR TOTAL:		345.64
	9595416596	01 TORQUE WRENCH	101500076512	02/02/23		65582	02/07/23	237.22	237.22 237.22

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VENDOR # INVOICE # ITEM DESCRIPTION ACCOUNT NUMBER INV. DATE CHECK # CHK DATE CHECK AMT INVOICE AMT/ITEM AMT

GROUPPL GROUP PLAN SOLUTIONS VENDOR TOTAL: 237.22

3235 01 FSA - JAN 101000106801 01/05/23 65583 02/07/23 115.50 49.50
 02 FSA - JAN. 201000106801 24.75
 24.75

3265 01 FSA - FEB 101000106801 01/31/23 65583 02/07/23 115.50 66.00
 02 FSA - FEB 201000106801 33.00
 33.00

HARR HARRIS COMPUTER SYSTEMS VENDOR TOTAL: 115.50

FORMXT001899 01 W2'S - 1099'S 1010000046200 01/31/23 65584 02/07/23 272.32 272.32
 02 W2'S - 1099'S 2010000046200 136.16
 136.16

HORN HORNUNG'S PRO GOLF SALES INC. VENDOR TOTAL: 272.32

526859 01 GOLF PRIDE TOUR WRAP 2G 501000001303 02/09/23 65616 02/14/23 366.12 366.12
 02 GOLF MCCPLUS 4 MDSIZE 501000001303 146.88
 03 WINN VSN MEDALIST PUTTER GRIP 501000001303 127.27
 04 WINN VSN MDSIZE PUTTER GRIP 501000001303 24.45
 05 WINN VSN JUMBO PUTTER GRIP 501000001303 25.50
 06 DISC INV526859 501000001303 35.40
 07 SHIPPING INV 526859 501000001303 -7.19
 13.81

INTEG INTEGRA BUSINESS SYSTEMS, INC. VENDOR TOTAL: 366.12

IINV107029 01 PRINTER/COPIER - MAINT 101000056304 02/02/23 65585 02/07/23 231.00 35.27
 02 PRINTER/COPIER - MAINT 201000056304 17.64
 17.63

INV107028 01 PRINTER/COPIER - PRO SHOP 101000056304 02/02/23 65585 02/07/23 231.00 7.72
 02 PRINTER/COPIER - PRO SHOP 201000056304 3.86
 3.86

INV107030 01 PRINTER/COPIER - CC 101000056304 02/02/23 65585 02/07/23 231.00 110.19
 02 PRINTER/COPIER - CC 201000056304 55.09
 55.10

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VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P. O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
JOEBERO	INV107031	01 PRINTER/COPIER - ADMIN	101000056304	02/02/23		65585	02/07/23	231.00	77.82
		02 PRINTER/COPIER - ADMIN	201000056304						38.91
									38.91
JOEBERO		JOE BERO PLUMBING INC						VENDOR TOTAL:	231.00
	15938	01 ANNUAL BACKFLOW INSP-CC/SHOP	101500056300	02/10/23		65617	02/14/23	1,134.00	1,134.00
		02 ANNUAL BACKFLOW INSP-CC/SHOP	207500056300						210.00
									924.00
JOHN		JOHNSON SEAT & CANVAS SHOP						VENDOR TOTAL:	1,134.00
	41486	01 NEW COVERS-FIELD 1 BACKSTOP	202100066404	01/20/23		65546	02/02/23	3,300.00	3,300.00
		02 NEW COVERS-FIELD 1 BACKSTOP	202100076519						825.00
		03 NEW COVERS-FIELD 1 BACKSTOP-	202100076500						825.00
									1,650.00
KAR		KAR-FRE FLOWERS						VENDOR TOTAL:	3,300.00
	362683/1	01 FLOWERS-JONELLE	101000046213	01/31/23		65586	02/07/23	95.45	95.45
		02 FLOWERS-JONELLE	201000046213						47.72
									47.73
KELLEYW		KELLY WILLIAMSON COMPANY						VENDOR TOTAL:	95.45
	IN-308002	01 CANS FOR GARBAGE	101500066404	01/30/23		65587	02/07/23	904.50	904.50
		02 CANS FOR GARBAGE	101500066407						301.50
		03 CANS FOR GARBAGE	202100066404						301.50
LIFEFIT		LIFE FITNESS						VENDOR TOTAL:	904.50
	7286997	01 EQUIPMENT MAINTENANCE	207000056307	01/24/23	00006071	65547	02/02/23	608.14	210.14
									210.14
	7292362	01 EQUIPMENT MAINTENANCE	207000056307	01/30/23	00006070	65547	02/02/23	608.14	398.00
									398.00
								VENDOR TOTAL:	608.14

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VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
LOWE									
903008	01	PAINT-CAN LIDS PARK	101500066404	01/06/23		65588	02/07/23	234.60	67.08 67.08
903285	01	RESP CART-KNEE PADS - SHOP	101500076514	01/24/23		65588	02/07/23	234.60	38.90 38.90
903493	01	PAINT - GARBAGE CANS	101500066404	01/18/23		65588	02/07/23	234.60	49.35 18.76 30.59
903689	1-19-23			01/19/23		65588	02/07/23	234.60	79.27 79.27
		01 SHOP TOOLS-SOCKETS-RACKETS	101500076512						
MARTINCO		MARTIN & COMPANY EXCAVATING						VENDOR TOTAL:	234.60
2022-8715-1	01	BRIDGE AT 10	701000207005	12/31/22		65527	01/24/23	185,823.00	185,823.00 185,823.00
MARTYSON		MARTY & SONS BODY SHOP						VENDOR TOTAL:	185,823.00
01-30-2023	01	TRUCK REPAIR	101500066402	01/30/23		65561	02/03/23	5,622.94	5,622.94 5,622.94
MENA		MENARDS - SYCAMORE						VENDOR TOTAL:	5,622.94
82655	01	SHIPO WIRE BRUSHES - SCRAPPERS	101500076512	01/06/23		65548	02/02/23	202.10	31.41 31.41
82846	01	SPRAY PAINT - CANS, LIDS	101500066404	01/09/23	00006049	65523	01/20/23	73.80	73.80 73.80
83330	01	AIR HOSE REPL FITTINGS- SHOP	101500076500	01/17/23		65548	02/02/23	202.10	39.23 39.23
83492	01	WORKSHOP VISE, EQUIP. SOAP	101500076512	01/20/23	00006063	65548	02/02/23	202.10	111.48 111.48
83807	01	SOCKET SET SHOP	101500076512	01/25/23	00006068	65548	02/02/23	202.10	19.98 19.98
84215	01	GARBAGE CANS	207000076510	01/31/23		65618	02/14/23	70.45	70.45 53.98 9.98
	02	DOG TREATS	101500076540						

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VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
84215	03	STAFF INCENTIVES	201000046213	01/31/23	00006072	65618	02/14/23	70.45	70.45
									6.49
									346.35
									VENDOR TOTAL:
MID-WEST		MID-WEST FAMILY BROADCASTING							
1913-00116-6-0000	01	FIRE AND ICE ADS	101200046209	01/31/23	00006098	65619	02/14/23	253.30	149.00
									149.00
1913-00117-6-0000	01	SELF CARE AD	101200046209	01/31/23	00006099	65619	02/14/23	253.30	104.30
									104.30
									253.30
									VENDOR TOTAL:
MROUT		MR OUTHOUSE							
6084	01	PORT-O-POTS = PARKS	101500056309	01/27/23		65589	02/07/23	260.00	260.00
									260.00
									260.00
									VENDOR TOTAL:
MVP'S									
0345221	01	HOLIDAY EVENT	101000046213	02/02/23		65549	02/02/23	1,870.30	677.32
	02	HOLIDAY EVENT	101000046213						338.66
									338.66
									1,870.30
									VENDOR TOTAL:
NATBUSI		NATIONAL BUSINESS FURNITURE							
SPARK2023-1	01	HOLIDAY EVENT	101000046213	02/02/23		65549	02/02/23	1,870.30	1,192.98
	02	HOLIDAY EVENT	201000046213						596.49
									596.49
									1,870.30
									VENDOR TOTAL:
NATBUSI		NATIONAL BUSINESS FURNITURE							
ZK196939-HNP	01	CUBE TABLE COMM CNTR LOBBY	207500076500	01/25/23	00006074	65550	02/02/23	726.18	726.18
	02	FREIGHT	207500076500		00006074				649.74
									76.44
									726.18
									VENDOR TOTAL:
NICOR		NICOR GAS							
012723	01	MAINT BLDG	101500096703	01/27/23		65551	02/02/23	2,432.83	2,432.83
	02	MAINT BLDG	504100096703						512.22
	03	POOL	518100096703						512.23
	04	UPSTAIRS OFFICE	101000096703						263.83
	05	ADMIN	101000096703						65.58
	06	ADMIN	201000096703						101.71
	07	PRO SHOP	504000096703						101.71
	08	CLUBHOUSE	303000096703						43.59
									43.59

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VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	CHK DATE	CHECK #	CHECK AMT	INVOICE AMT/ ITEM AMT
	012723	09 PUMP HOUSE	504100096703	01/27/23	02/02/23	65551	2,432.83	2,432.83
		10 AIRPORT RD PROPERTY	207500096703					64.53
								723.84
PACKERFA		PACKER FASTENER						2,432.83
	775501	01 SHOP FASTENERS	101500076511	02/03/23	02/07/23	65590	43.31	43.31
PDRMA		PDRMA						43.31
	JAN 2023	01 HEALTH INS PREM	101000106801	02/07/23	02/07/23	65591	26,227.16	26,227.16
		02 HEALTH INS PREM	101500106801					5,420.64
		03 HEALTH INS PREM	504100106801					2,330.08
		04 HEALTH INS PREM	504000106801					2,741.22
		05 HEALTH INS PREM	201000106801					1,376.94
		06 HEALTH INS PREM	202100106801					7,079.56
		07 HEALTH INS PREM	207500106801					5,932.71
		08 HEALTH INS PREM	303000106801					841.03
								504.98
PRIN		PRINCIPAL LIFE INS GROUP						26,227.16
	FEB 2023	01 DENTAL INS PREM	101000106801	02/02/23	02/02/23	65552	1,643.31	1,643.31
		02 DENTAL INS PREM	101500106801					349.47
		03 DENTAL INS PREM	504100106801					126.44
		04 DENTAL INS PREM	504000106801					139.99
		05 DENTAL INS PREM	201000106801					70.32
		06 DENTAL INS PREM	202100106801					435.53
		07 DENTAL INS PREM	207500106801					332.67
		08 DENTAL INS PREM	303000106801					162.84
								26.05
	JAN 2023	01 DENTAL INS PREM	101000106801	01/20/23	01/20/23	65524	1,643.31	1,643.31
		02 DENTAL INS PREM	101500106801					349.47
		03 DENTAL INS PREM	504100106801					126.44
		04 DENTAL INS PREM	504000106801					139.99
		05 DENTAL INS PREM	201000106801					70.32
		06 DENTAL INS PREM	202100106801					435.53
		07 DENTAL INS PREM	207500106801					332.67
		08 DENTAL INS PREM	303000106801					162.84
								26.05

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VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	P.O. NUM	CHECK #	CHK DATE	CHECK AMT	INVOICE AMT/ ITEM AMT
CD_000525662	02	TELEPHONE	201000096700	01/21/23		65594	02/07/23	978.73	978.73
									489.37
RPLUMB		R.P. LUMBER COMPANY						VENDOR TOTAL:	978.73
	709290	01 PAINT FOR CANS AT PARKS/SPORTS	202100066404	01/27/23	00006069	65554	02/02/23	239.96	239.96
		02 PAINT FOR CANS PARKS	101500066404		00006069				119.98
									119.98
SCHINDLE		SCHINDLER ELEVATOR CORP						VENDOR TOTAL:	239.96
	8106157483	01 ANNUAL PREVENT MAINT	207500056300	02/01/23	00006094	65595	02/07/23	1,582.02	1,582.02
									1,582.02
SERVICE		SERVICEMASTER RESTORATION						VENDOR TOTAL:	1,582.02
	12462	01 CLEAN CARPETS COMM CNTR	207500066401	01/20/23	00006073	65555	02/02/23	370.00	370.00
SOFT		SOFT WATER CITY						VENDOR TOTAL:	370.00
	2652-0123	01 RENT-WATER-CUPS	101500076500	01/31/23		65596	02/07/23	135.63	65.58
									65.58
	2652-1222	01 WATER	101500076500	12/31/22		65596	02/07/23	135.63	70.05
		02 SALT	207500076500						41.58
									28.47
	3129-2023	01 HOUSE WATER SOFTNER	101000056300	12/31/22		65556	02/02/23	248.40	248.40
									248.40
SPE		SPEER FINANCIAL INC.						VENDOR TOTAL:	384.03
	156-22	01 BOND ISSUE 2022	701000156903	01/12/23		65597	02/07/23	700.00	700.00
									700.00
STAPLES		STAPLES BUSINESS ADVANTAGE						VENDOR TOTAL:	700.00
	3527938212	01 STORAGE BOXES - FOLDERS	101000046200	01/14/23		65599	02/07/23	194.11	45.66
		02 STORAGE BOXES - FOLDERS	201000046200						22.83
									22.83

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3528433260	01	CREDIT-ORDER NOT DELIVERED	101000046200	01/21/23		65599	02/07/23	194.11	-29.90	
		CREDIT-ORDER NOT DELIVERED	201000046200						-14.95	
	02	CREDIT-ORDER NOT DELIVERED	101000046200	01/21/23		65599	02/07/23	194.11	-15.76	
		CREDIT-ORDER NOT DELIVERED	201000046200						-7.88	
	3528433262	01	STORAGE BOXES - FOLDERS	101000046200	01/21/23		65599	02/07/23	194.11	45.66
			STORAGE BOXES - FOLDERS	201000046200						22.83
3528433263	01	COPY PAPER	101000046200	01/21/23		65599	02/07/23	194.11	121.71	
		COPY PAPER	201000046200						20.74	
		TOILET PAPER - CC	207500076510						80.22	
3529170641	01	TOILET PAPER = CC	207500076510	01/28/23		65599	02/07/23	194.11	26.74	
T0000230	FREEMAN, JEANETTE							VENDOR TOTAL:	194.11	
REIMB 2-7-23										
01	02	POSTAGE-FOUNDATION	101000046202	02/07/23		65600	02/07/23	14.68	14.68	
		POSTAGE-FOUNDATION	201000046202						4.06	
		MILEAGE REIMB	101000046211						4.07	
		MILEAGE REIMB - CLOSING	201000046211						2.62	
T0001563	TEVSH, THERESA							VENDOR TOTAL:	14.68	
AFLAC REFUND										
01	01	CANCER/ACCI POLICY REFUND	101000002006	02/13/23		65621	02/14/23	22.48	22.48	
		CANCER/ACCI POLICY REFUND							22.48	
CONF 2023 REIMB										
01	02	TRAVEL TO IAPD CONF	201000046207	02/02/23		65557	02/02/23	123.72	123.72	
		TRAVEL TO SPD FROM CONF	201000046207						43.63	
		TOLLS 1-26	201000046207						43.63	
		TOLLS 1-29	201000046207						1.30	
		LUNCH 1-28	201000046207						1.30	
		LUNCH 1-27	201000046207						32.09	
T000000046207								VENDOR TOTAL:	146.20	

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T0001652	BAILEY, JONELLE	ENCLOSURE PURCHASE	101500076500	02/13/23		65622	02/14/23	220.00	220.00
		01 REPTILE ENCLOSURE							220.00
T0001721	HOBBLIT, CHRIS							VENDOR TOTAL:	220.00
		CONF REIMB		02/02/23		65558	02/02/23	71.50	71.50
		01 MILEAGE	201000046207						65.50
		02 TOLLS	201000046207						6.00
T0001725	MCCARNEY, NICHOLAS							VENDOR TOTAL:	71.50
		REIMB CAMP FEE		01/31/23		65533	01/31/23	500.00	500.00
		01 REIMB WINTER SURVIVAL CAMP	101500046207						250.00
		02 REIMB WINTER SURVIVAL CAMP	201000046207						250.00
T0001756	JENSEN, PETE							VENDOR TOTAL:	500.00
		REIMBURSEMENT		01/24/23		65528	01/24/23	27.00	27.00
		01 REIMB-CHANGE TO PASSES	207500004250						27.00
T0001758	TAYLOR, MORGAN							VENDOR TOTAL:	27.00
		PAYROLL VOIDED		01/30/23		65532	01/30/23	54.62	54.62
		01 PR-10/7/22 CK #043188 REPLACE	101000001001						27.31
		02 PR-11/18/22 CK #43237 REPLACE	101000001001						27.31
T0001759	TRAN, RAY							VENDOR TOTAL:	54.62
		REFUND-DANCE		02/13/23		65623	02/14/23	10.00	10.00
		01 REFUND-DANCE	201000002150						10.00
T0001760	RAMIREZ, MICHAEL							VENDOR TOTAL:	10.00
		DANCE 2-19-23		02/17/23		65624	02/17/23	200.00	200.00
		01 SWEETHEART DANCE	206095036216						200.00
								VENDOR TOTAL:	200.00

Interim

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VENDOR #	INVOICE #	ITEM DESCRIPTION	ACCOUNT NUMBER	INV. DATE	CHK DATE	CHECK #	CHECK AMT	INVOICE AMT/ ITEM AMT
TEESNAP	TEESNAP LLC							
	2023-31946-1ST CHECK	01 POS ANNUAL	504000046206	01/01/23	02/02/23	65559	5,100.00	5,100.00
	2023-31946-2ND CHECK	01 POS ANNUAL	504000046206	01/01/23	02/02/23	65560	5,100.00	5,100.00
							VENDOR TOTAL:	10,200.00
UNUM	UNUM LIFE INSURANCE							
	0439956-001-0123	01 STD INS PREM	101000106801	02/07/23	02/07/23	65601	359.34	359.34
		02 STD INS PREM	101500106801					54.58
		03 STD INS PREM	504100106801					41.52
		04 STD INS PREM	504000106801					38.00
		05 STD INS PREM	201000106801					14.80
		06 STD INS PREM	202100106801					104.11
		07 STD INS PREM	207500106801					81.59
		08 STD INS PREM	303000106801					14.28
								10.46
							VENDOR TOTAL:	359.34
UPLAND	UPLAND DESIGN LTD							
	22-1093-01	01 RESTON PONDS DEV	701000207042	01/31/23	02/07/23	65602	18,305.08	18,305.08
								18,305.08
							VENDOR TOTAL:	18,305.08
WARE	WAREHOUSE DIRECT BUSINESS							
	5421029-0	01 PAPER TOWELS- CC	207500076510	01/25/23	02/07/23	65603	106.00	106.00
								106.00
							VENDOR TOTAL:	106.00
WASTE	WASTE MANAGEMENT							
	3694990-2011-2	01 REFUSE - ADMIN	101000056302	01/05/23	01/24/23	65529	598.09	598.09
		02 REFUSE - CH	303000056302					75.32
		03 REFUSE - ADMIN	101000056302					75.33
		04 REFUSE -OLD SHOP	504100056302					8.50
		05 REFUSE -SC	202100056302					78.11
		06 REFUSE -PARKS	101500056302					81.47
		07 REFUSE -COMM CTR	207500056302					81.47
								197.89
							VENDOR TOTAL:	598.09
							TOTAL ---- ALL INVOICES:	598.09
								333,670.82

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INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
AALCO	AALCO							
53979	02/21/23	01	CC WATER DAMAGE - TOUCH SCREEN	207500056300			02/22/23	1,712.00
							INVOICE TOTAL:	1,712.00
							VENDOR TOTAL:	1,712.00
ACUSHNET ACUSHNET COMPANY								
914990294	02/16/23	01	PERMASOFT GOLF GLOVES	501000001301	00006076		02/22/23	924.00
		02	SHIPPING INV 914990294	501000001302	00006076			11.19
		03	DISC INV 914990294	501000001302	00006076			-18.48
							INVOICE TOTAL:	916.71
914990316	02/16/23	01	AVX DOZENS	501000001300	00006075		02/22/23	498.00
		02	DISC INV 914990316	501000001300	00006075			-9.96
		03	SHIPPING INV 914990316	501000001300	00006075			11.82
							INVOICE TOTAL:	499.86
914991913	02/16/23	01	FOOTJOY WEATHER SOFT GLOVES	501000001301	00006105		02/22/23	1,302.00
		02	SHIPPING INV 914991913	501000001301	00006105			24.50
		03	DISC INV 914991913	501000001301	00006105			-39.06
							INVOICE TOTAL:	1,287.44
							VENDOR TOTAL:	2,704.01
AFLAC	AFLAC							
732263	02/12/23	01	AFLAC - PRETAX	101000002006			02/22/23	474.02
		02	AFLAC - AFTER TAX	101000002007				28.80
							INVOICE TOTAL:	502.82
							VENDOR TOTAL:	502.82
ALARMDET ALARM DETECTION SYSTEMS, INC								
2193398-1012	02/05/23	01	QTRLY ALARM CC	207500056300			02/22/23	473.49
							INVOICE TOTAL:	473.49
							VENDOR TOTAL:	473.49

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ANCEL	ANCEL GLINK, P.C.							
94450	02/07/23	01	CORPORATE MATTERS	101000036120			02/22/23	2,465.00
							INVOICE TOTAL:	2,465.00
							VENDOR TOTAL:	2,465.00
CINTA	CINTAS CORPORATION #355							
4141394736	12/23/22	01	RAG & RUG SERVICE	101500056301			02/22/23	10.87
		02	RAG & RUG SERVICE	504100056301				10.86
		03	RAG & RUG SERVICE	201000056301				3.80
		04	RAG & RUG SERVICE	101000056301				3.80
							INVOICE TOTAL:	29.33
4141394744	12/23/22	01	RAG & RUG SERVICE	207500056301			02/22/23	36.78
							INVOICE TOTAL:	36.78
4141394746	12/23/22	01	RAG & RUG SERVICE	201000056301			02/22/23	17.36
							INVOICE TOTAL:	17.36
4142743377	01/06/23	01	RAG & RUG SERVICE	201000056301			02/22/23	17.36
							INVOICE TOTAL:	17.36
4146219431	02/10/23	01	RAG & RUG SERVICE	101500056301			02/22/23	10.87
		02	RAG & RUG SERVICE	504100056301				10.86
		03	RAG & RUG SERVICE	201000056301				3.80
		04	RAG & RUG SERVICE	101000056301				3.80
							INVOICE TOTAL:	29.33
4146219503	02/10/23	01	RAG & RUG SERVICE	207500056301			02/22/23	43.39
							INVOICE TOTAL:	43.39
4146219515	02/10/23	01	RAG & RUG SERVICE	201000056301			02/22/23	17.36
							INVOICE TOTAL:	17.36
4146966991	02/17/23	01	RAG & RUG SERVICE	101500056301			02/22/23	10.87

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CINTA CINTAS CORPORATION #355								
4146966991	02/17/23	02	RAG & RUG SERVICE	504100056301			02/22/23	10.86
		03	RAG & RUG SERVICE	201000056301				3.80
		04	RAG & RUG SERVICE	101000056301				3.80
			INVOICE TOTAL:					29.33
4146967069	02/17/23	01	RAG & RUG SERVICE	201000056301			02/22/23	17.36
			INVOICE TOTAL:					17.36
4146967115	02/17/23	01	RAG & RUG SERVICE	207500056301			02/22/23	49.04
			INVOICE TOTAL:					49.04
			VENDOR TOTAL:					286.64
CINTA2 CINTAS CORP								
5145720026	02/16/23	01	1ST AID - CC	207500076513			02/22/23	23.94
			INVOICE TOTAL:					23.94
			VENDOR TOTAL:					23.94
CITY CITY OF SYCAMORE								
		01	CITY SALES TAX - CHILI COOKOFF	207000086660			02/22/23	7.00
		02	CITY SALES TAX - CHILI COOKOFF	207500086230				1.00
		03	CITY SALES TAX - VENDING	207500086650				14.00
		04	CITY SALES TAX - CATERING	303500116852				8.00
			INVOICE TOTAL:					30.00
			VENDOR TOTAL:					30.00
COMCA COMCAST								
0468024-0223	02/10/23	01	INTERNET	101000096706			02/22/23	144.98
		02	INTERNET	201000096706				144.98
		03	CABLE	207500096705				417.20
			INVOICE TOTAL:					707.16
			VENDOR TOTAL:					707.16

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COMMO COMMONWEALTH EDISON								
020623	02/06/23	01	FOUNDERS PARK	101500096702			02/22/23	24.54
		02	WETZEL PARK	101500096702				41.58
		03	OLD MILL	101500096702				23.42
		04	SYCAMORE LAKE	101500096702				60.68
		05	MAINT BLDG	101500096702				515.00
		06	MAINT BLDG	504100096702				515.00
		07	SPORTS COMPLEX	202100096702				8.91
						INVOICE TOTAL:		1,189.13
0558722008-0223	02/07/23	01	BASEBALL CONCESSIONS	303300096702			02/22/23	47.64
		02	POOL	518100096702				180.28
		03	MAINT	101500096702				40.74
		04	MAINT	504100096702				40.74
		05	CART BLDG	504000096702				1,035.74
		06	CLUBHOUSE	303000096702				43.38
		07	PROSHOP	504000096702				43.38
		08	ADMIN	101000096702				101.23
		09	ADMIN	201000096702				101.23
		10	ELECTRONIC SIGN	101000096702				5.41
		11	ELECTRONIC SIGN	201000096702				5.41
		12	COMMUNITY CENTER	207500096702				5,160.87
						INVOICE TOTAL:		6,806.05
						VENDOR TOTAL:		7,995.18
40018315	02/16/23	01	HYDRAULIC OIL - MOWER	101500076515			02/22/23	278.48
		02	HYDRAULIC OIL - MOWER	202100076515				278.48
		03	HYDRAULIC OIL - MOWER	504100076515				278.49
						INVOICE TOTAL:		835.45
						VENDOR TOTAL:		835.45
01-10905	02/03/23	01	BOBCAT FILTERS-WIPERS	101500066402			02/22/23	87.51
						INVOICE TOTAL:		87.51

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01-10948	02/09/23	01	TIRES-BOBCAT SKIDSTEER	504100066402			02/22/23	233.33
		02	TIRES-BOBCAT SKIDSTEER	101500066402				233.33
		03	TIRES-BOBCAT SKIDSTEER	202100066402				233.34
								700.00
								787.51
						INVOICE TOTAL:		
						VENDOR TOTAL:		
CSR BOBCAT EQUIPMENT CO.								
DEKAM DEKALB MECHANICAL INC								
84298	02/07/23	01	REPAIRS, ETC OLD SHOP HEAT UNI	504100056300			02/22/23	428.60
		02	REPAIRS, ETC OLD SHOP HEAT UNI	504100066401				428.60
		03	REPAIRS, ETC OLD SHOP HEAT UNI	101500056300				428.60
		04	REPAIRS, ETC OLD SHOP HEAT UNI	101500066401				428.60
		05	REPAIRS, ETC OLD SHOP HEAT UNI	202100066401				428.64
								2,143.04
						INVOICE TOTAL:		
						VENDOR TOTAL:		
84713	02/09/23	01	CC FREEZER PARTS & SERVICE	207500056300			02/22/23	825.13
								825.13
						INVOICE TOTAL:		
						VENDOR TOTAL:		
DOTY DOTY & SON CONCRETE PRODUCTS								
69430	02/10/23	01	DOG PARK GARBAGE CAN REPL	101500076540			02/22/23	122.00
								122.00
						INVOICE TOTAL:		
						VENDOR TOTAL:		
FRONTIER FRONTIER								
0670-020723	02/07/23	01	ADMIN	101000096700			02/22/23	299.89
		02	ADMIN	201000096700				299.89
								599.78
						INVOICE TOTAL:		
						VENDOR TOTAL:		
IL2			IL STATE POLICE					599.78
2128-2023-1	02/01/23	01	BACKGORUND OKS	101000056305			02/22/23	500.00

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INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
IL2			IL STATE POLICE					
2128-2023-1	02/01/23	02	BACKGORUND OKS	201000056305			02/22/23	500.00
						INVOICE TOTAL:		1,000.00
						VENDOR TOTAL:		1,000.00
MENA			MENARDS - SYCAMORE					
84661	02/07/23	01	ELEC TAPES, PUNCHES	101500076500	00006100		02/22/23	17.20
						INVOICE TOTAL:		17.20
84730	02/08/23	01	BRUSHES, PAINT, LINERS, TRAYS	202100066404	00006108		02/22/23	54.13
						INVOICE TOTAL:		54.13
						VENDOR TOTAL:		71.33
REIN			REINDERS, INC.					
4071577-00	02/14/23	01	MOWER MOTOR MOUNT	101500066403			02/22/23	52.55
						INVOICE TOTAL:		52.55
6027301-00	02/16/23	01	MOWER REEL SWITCH	504100066403			02/22/23	126.17
						INVOICE TOTAL:		126.17
6027301-01	02/17/23	01	MOWER FRONT CARRIER FRAME	504100066403			02/22/23	172.89
		02	MOWER FRONT CARRIER FRAME	101500066403				172.89
						INVOICE TOTAL:		345.78
						VENDOR TOTAL:		524.50
RINGEN			RINGCENTRAL INC.					
CD_000541555	02/21/23	01	TELEPHONE	101000096700			02/22/23	489.36
		02	TELEPHONE	201000096700				489.37
						INVOICE TOTAL:		978.73
						VENDOR TOTAL:		978.73
STAPLES			STAPLES BUSINESS ADVANTAGE					

INVOICES DUE ON/BEFORE 02/22/2023

INVOICE #	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
STAPLES STAPLES BUSINESS ADVANTAGE								
3530453189	02/11/23	01	LABELS-BUS CARDS-POST ITS	101000046200			02/22/23	42.60
		02	LABELS-BUS CARDS-POST ITS	201000046200				42.61
		03	HIGHLIGHTERS-POST ITS	101000046200				11.52
		04	HIGHLIGHTERS-POST ITS	201000046200				11.53
			INVOICE TOTAL:					108.26
3530961962	02/18/23	01	PAPER - FILE PACKETS	101000046200			02/22/23	33.55
		02	PAPER - FILE PACKETS	201000046200				33.56
			INVOICE TOTAL:					67.11
			VENDOR TOTAL:					175.37
SWEDELEC SWEDBERG ELECTRIC INC.								
12565	02/09/23	01	CC-OUTDOOR LIGHT REPAIRS	207500056300			02/22/23	415.49
			INVOICE TOTAL:					415.49
			VENDOR TOTAL:					415.49
SYCAMORE CHAMBER OF COMMERCE								
230117	02/13/23	01	ANNUAL MEETING	101000046212			02/22/23	67.50
		02	ANNUAL MEETING	201000046212				67.50
			INVOICE TOTAL:					135.00
			VENDOR TOTAL:					135.00
ULINE								
159809585	02/09/23	01	ENVELOPES - SHIOP SUPPLY	101500046200			02/22/23	44.01
			INVOICE TOTAL:					44.01
			VENDOR TOTAL:					44.01
UNUM								
0439956-001-0223	02/22/23	01	STD INS PREM	101000106801			02/22/23	54.58
		02	STD INS PREM	101500106801				41.52

DATE: 02/22/23
 TIME: 10:00:03
 ID: AP441000.WOW

SYCAMORE PARK DISTRICT
 DETAIL BOARD REPORT

INVOICES DUE ON/BEFORE 02/22/2023

INVOICE #	UNUM	UNUM	INVOICE DATE	ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
0439956-001-0223		0439956-001-0223	02/22/23	03	STD INS PREM	504100106801			02/22/23	38.00
				04	STD INS PREM	504000106801				14.80
				05	STD INS PREM	201000106801				104.11
				06	STD INS PREM	202100106801				81.59
				07	STD INS PREM	207500106801				14.28
				08	STD INS PREM	303000106801				10.46
										INVOICE TOTAL: 359.34
										VENDOR TOTAL: 359.34
3697438-2011-9		3697438-2011-9	02/03/23	01	REFUSE - ADMIN	101000056302			02/22/23	76.68
				02	REFUSE - CLUBHOUSE	303000056302				76.69
				03	REFUSE - ADMIN	101000056302				8.50
				04	REFUSE - SC	202100056302				67.89
				05	REFUSE - PARKS	101500056302				67.89
				06	REFUSE - SC = PRORATE REFUND	202100056302				-67.89
				07	REFUSE - PARKS PRORATE REFUND	101500056302				-67.89
				08	REFUSE - COMM CTR	207500056302				203.35
										INVOICE TOTAL: 365.22
										VENDOR TOTAL: 365.22
										TOTAL ALL INVOICES: 26,282.14

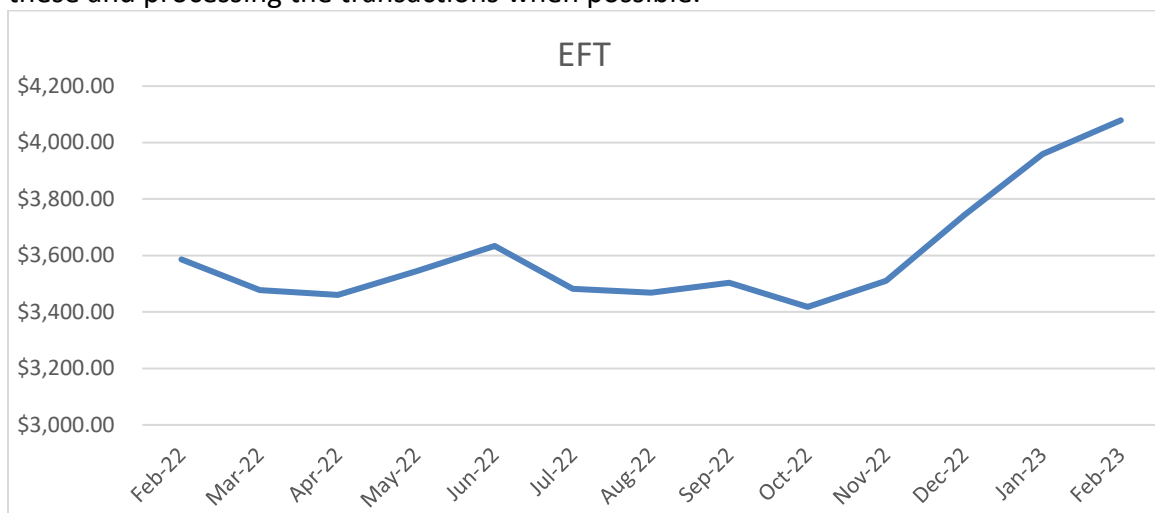
Interim \$ 333,670.82
New \$ 26,282.14

Total \$ 359,952.96

To: Board of Commissioners
 From: Jackie Hienbuecher
 Subject: Monthly Report
 Date: February 28, 2023

Administrative Initiatives (2/1/23 – 2/28/23)

- Attended scheduled Board, study session and leadership/staff meetings.
- Installment billing for Pathway Fitness memberships and passes. The February installment was for 191 individuals, an increase of 4 from January. The monthly installment was \$4,079 (\$120 increase) processed through credit cards and \$193 (\$15 increase) through ACH transactions. There were 4 households whose credit cards did not process (\$116) due to declined credit cards. Following up on each of these and processing the transactions when possible.



- Continued to monitor new household accounts on Rectrac for residency and process refund for those that registered as non-resident when they should be resident. Updated database with new addresses. Notify appropriate staff when there are duplicate households.
- Assisted staff with technology problems/concerns/needs with assistance from CMJ and Integra when necessary. Topics: Customer Service emails
- Prepared monthly sales tax returns.
- Filed monthly IMRF earnings and submitted payment.
- Submitted monthly state unemployment report.
- Submitted payroll direct deposit files for processing and scheduled transfer of funds.
- Processed monthly bills for payment.
- Performed criminal background checks on new hires and volunteers.
- Assisted with matching visa receipts and posted to general ledger.
- Performed Bank reconciliations and posted related entries.
- Prepared documents for final fieldwork with auditors.
- Assisted with filing claim on flooding at clubhouse and truck damage.
- Prepared draft Budget & Appropriation ordinance.

- Reviewed year end pro shop inventory and adjustments.
- Prepared Employee Value Statements.
- Provided information for PATH incentive payment to eligible employees.
- Provided information for OPEB valuation for audit.
- Prepared Total Compensation report to be posted to our website as required.
- Order new credit card processing equipment and switch merchant provider.
- Assisted with HR matters.
- Submitted expenses to PDRMA for clubhouse water damage.
- Updated Golf rates in Teesnap.
- Filed for Unclaimed Property through ICASH.

Administrative Initiatives (3/1/23 – 3/31/23)

- Attend scheduled Superintendent and Board meetings.
- Submit monthly unemployment report.
- Prepare and file monthly Sales Tax Return.
- File monthly IMRF earnings and submit payment.
- Monthly bank reconciliation.
- Process monthly ACH EFT for memberships/passes. Review credit card and assist in collection of declined transactions.
- Review scholarship requests as submitted.
- Work with CMJ on technology as needed.
- Finalize Budget & Appropriation Ordinance.
- Submit documents for reimbursement with OSLAD grant.
- Begin reviewing projects for eligible ADA costs where funding can come from the Special Rec levy.
- Review Transparency Portal on website to see what needs to be updated.
- Participate in webinars:
 - PATH Essentials
- Facilitate PDRMA PATH Biometric screening.
- Set up and participate in training on Vermont Systems Intellitrac.
- Participate in Supt of Rec interviews.
- Assist in setting up GovDeals account for selling surplus equipment.
- Participate in PDRMA meeting.
- Assist with Gold Medal application.

Sycamore Park District
Summarized Revenue & Expense Report
Period ended January 31, 2023

Corporate Fund (10)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	<u>Variance</u>
Revenues				
Administration	31,213.21	1,768,881	15,978.49	95.3% (1)
Marketing	-	1,000	500.00	-100.0%
Parks	2,655.00	24,553	1,145.00	131.9% (2)
	<u>33,868.21</u>	<u>1,794,434</u>	<u>17,623.49</u>	<u>92.2%</u>
Expenses				
Administration	27,539.66	1,345,798	22,545.59	22.2% (3)
Marketing	4,103.47	65,240	20.39	20024.9% (4)
Parks	11,376.68	366,514	10,397.67	9.4%
	<u>43,019.81</u>	<u>1,777,552</u>	<u>32,963.65</u>	<u>30.5%</u>
Total Fund Revenues	33,868.21	1,794,434	17,623.49	92.2%
Total Fund Expenses	43,019.81	1,777,552	32,963.65	30.5%
Surplus (Deficit)	(9,151.60)	16,882	(15,340.16)	-40.3%

(1) Replacement taxes in 2023 greater 45.2% \$7,154. Interest higher 8355.5% \$3,747.

(2) Dog park revenue

(3) \$3,600 survey in 2023

(4) 100 year anniversary expenses

Recreation Fund (20)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD</u>	
			<u>Actual</u>	
Revenues				
Administration	2,397.83	1,083,058	21.74	10929.6% (1)
Sports Complex	-	43,365	-	#DIV/0!
Sports Complex Maintenance	-	36,250	-	#DIV/0!
Midwest Museum of Natural Hist	-	-	-	#DIV/0!
Programs-Youth	4,054.00	38,291	4,892.00	-17.1% (2)
Programs-Tweens	(410.00)	4,065	-	#DIV/0! (2)
Programs-Adult	4,395.00	15,177	1,530.00	187.3% (2)
Programs-Nature	685.00	1,221	450.00	52.2% (2)
Programs-Leagues	-	11,162	170.00	-100.0% (2)
Programs-Youth Athletics	5,027.00	61,968	5,554.00	-9.5% (2)
Programs-Fitness	6,207.40	24,791	4,778.10	29.9% (2)
Programs-Early Childhood	1,881.00	5,249	-	#DIV/0! (2)
Programs-Dance	540.00	4,209	1,065.00	-49.3% (2)
Programs-Special Events	3,763.50	13,006	4,052.00	-7.1% (2)
Programs-Community Events	-	20,250	2,575.00	-100.0% (2)
Brochure	-	3,600	-	#DIV/0!
Weight Room	14,337.02	143,606	15,559.39	-7.9% (3)
Community Center	16,186.71	81,099	8,452.50	91.5% (3)
Total Revenues	59,064.46	1,590,367	49,099.73	20.3%

- (1) Interest income
- (2) Revenue from programs increased 4.3%, \$1,077 compared to 2022.
- (3) Compared to Annual Budget/Compared to 2022 YTD
 - Pathway Fitness Membership 8.65% / 89.46%
 - Pathway Fitness Pass 10.17% / 98.34%
 - Track Only Pass 13.87% / 94.12%
 - Pre-pay Card -
 - Program Fees -
 - Daily Admission Fee 16.20% / 96.05%
- Compared to Annual Budget/Compared to 2021 YTD:
 - Open Gym Daily 10.40% / 90.50%
 - Open Gym Membership 16.08% / 119.97%
 - Rentals 37.33% / 271.58%

Sycamore Park District
Summarized Revenue & Expense Report
Period ended January 31, 2023

Expenses					
Administration	60,168.41	607,851	56,307.95	6.9%	
Sports Complex	-	-	-	#DIV/0!	
Sports Complex Maintenance	25,679.86	487,285	24,500.27	4.8%	
Midwest Museum of Natural Hist	-	-	-	#DIV/0!	
Programs-Youth	727.93	15,737	239.24	204.3%	(1)
Programs-Tweens	-	2,850	-	#DIV/0!	(1)
Programs-Adult	580.70	6,663	162.27	257.9%	(1)
Programs-Nature	-	735	-	#DIV/0!	(1)
Programs-Leagues	1,614.76	6,594	471.54	242.4%	(1)
Programs-Youth Athletics	188.92	43,508	142.67	32.4%	(1)
Programs-Fitness	1,190.91	16,739	605.58	96.7%	(1)
Programs-Early Childhood	131.33	3,881	-	#DIV/0!	(1)
Programs-Dance	135.00	1,803	96.23	40.3%	(1)
Programs-Special Events	2,490.28	7,838	529.76	370.1%	(1)
Programs-Community Events	-	29,531	-	#DIV/0!	(1)
Brochure	-	31,489	-	#DIV/0!	
Weight Room	657.25	10,850	564.69	16.4%	
Community Center	13,271.04	299,419	9,226.86	43.8%	
Total Expenses	106,836.39	1,572,773	92,847.06	15.1%	
Total Fund Revenues	59,064.46	1,590,367	49,099.73	20.3%	
Total Fund Expenses	106,836.39	1,572,773	92,847.06	15.1%	
Surplus (Deficit)	(47,771.93)	17,594	(43,747.33)	9.2%	

(1) Expenses for programs increased 214.0%, \$4,813 compared to 2022.

Sycamore Park District
Summarized Revenue & Expense Report
Period ended January 31, 2023

Donations (21)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	<u>651.62</u>	<u>500</u>	<u>8,606.67</u>	-92.4%
Total Revenues	651.62	500	8,606.67	-92.4%
Expenses				
Administration	<u>-</u>	<u>201,151</u>	<u>-</u>	#DIV/0!
Total Expenses	-	201,151	-	#DIV/0!
Total Fund Revenues	651.62	500	8,606.67	-92.4%
Total Fund Expenses	-	201,151	-	#DIV/0!
Surplus (Deficit)	651.62	(200,651)	8,606.67	-92.4%

Special Recreation (22)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	<u>726.84</u>	<u>236,200</u>	<u>4.51</u>	16016.2%
Total Revenues	726.84	236,200	4.51	16016.2%
Expenses				
Administration	<u>-</u>	<u>340,057</u>	<u>-</u>	#DIV/0!
Total Expenses	-	340,057	-	#DIV/0!
Total Fund Revenues	726.84	236,200	4.51	16016.2%
Total Fund Expenses	-	340,057	-	#DIV/0!
Surplus (Deficit)	726.84	(103,857)	4.51	16016.2%

Sycamore Park District
 Summarized Revenue & Expense Report
 Period ended January 31, 2023

Insurance (23)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	177.94	63,000	2.05	8580.0%
Total Revenues	177.94	63,000	2.05	8580.0%
Expenses				
Administration	-	64,645	-	#DIV/0!
Total Expenses	-	64,645	-	#DIV/0!
Total Fund Revenues	177.94	63,000	2.05	8580.0%
Total Fund Expenses	-	64,645	-	#DIV/0!
Surplus (Deficit)	177.94	(1,645)	2.05	8580.0%

Audit (24)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	39.38	16,050	0.46	8460.9%
Total Revenues	39.38	16,050	0.46	8460.9%
Expenses				
Administration	-	15,500	-	#DIV/0!
Total Expenses	-	15,500	-	#DIV/0!
Total Fund Revenues	39.38	16,050	0.46	8460.9%
Total Fund Expenses	-	15,500	-	#DIV/0!
Surplus (Deficit)	39.38	550	0.46	8460.9%

Sycamore Park District
Summarized Revenue & Expense Report
Period ended January 31, 2023

Paving & Lighting (25)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	<u>152.22</u>	<u>25,000</u>	<u>2.86</u>	5222.4%
Total Revenues	152.22	25,000	2.86	5222.4%
Expenses				
Administration	<u>-</u>	<u>72,132</u>	<u>-</u>	#DIV/0!
Total Expenses	-	72,132	-	#DIV/0!
Total Fund Revenues	152.22	25,000	2.86	
Total Fund Expenses	-	72,132	-	
Surplus (Deficit)	152.22	(47,132)	2.86	

Park Police (26)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	<u>11.02</u>	<u>5,385</u>	<u>0.06</u>	18266.7%
Total Revenues	11.02	5,385	0.06	18266.7%
Expenses				
Administration	<u>545.53</u>	<u>5,417</u>	<u>299.79</u>	82.0%
Total Expenses	545.53	5,417	299.79	82.0%
Total Fund Revenues	11.02	5,385	0.06	18266.7%
Total Fund Expenses	545.53	5,417	299.79	
Surplus (Deficit)	(534.51)	(32)	(299.73)	78.3%

Sycamore Park District
 Summarized Revenue & Expense Report
 Period ended January 31, 2023

IMRF (27)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	-	74,000	-	#DIV/0!
Total Revenues	-	74,000	-	#DIV/0!
Expenses				
Administration	-	78,654	-	#DIV/0!
Total Expenses	-	78,654	-	#DIV/0!
Total Fund Revenues	-	74,000	-	#DIV/0!
Total Fund Expenses	-	78,654	-	#DIV/0!
Surplus (Deficit)	-	(4,654)	-	

Social Security (28)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	-	115,000	-	#DIV/0!
Total Revenues	-	115,000	-	#DIV/0!
Expenses				
Administration	-	115,000	-	#DIV/0!
Total Expenses	-	115,000	-	#DIV/0!
Total Fund Revenues	-	115,000	-	#DIV/0!
Total Fund Expenses	-	115,000	-	#DIV/0!
Surplus (Deficit)	-	-	-	

Sycamore Park District
Summarized Revenue & Expense Report
Period ended January 31, 2023

Concessions (30)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD</u>	
			<u>Actual</u>	
Revenues				
Clubhouse Concessions	(6.83)	96,163	-	#DIV/0!
Beverage Cart	-	12,308	-	#DIV/0!
Sports Complex Concessions	-	61,389	-	#DIV/0!
Pool Concessions	-	-	-	#DIV/0!
Catering	1,259.50	20,537	150.00	739.7% (1)
	<u>1,252.67</u>	<u>190,397</u>	<u>150.00</u>	<u>735.1%</u>
Total Revenues	1,252.67	190,397	150.00	735.1%
Expenses				
Clubhouse Concessions	1,957.72	106,513	2,432.24	-19.5%
Beverage Cart	-	10,182	-	#DIV/0!
Sports Complex Concessions	(1.95)	52,476	-	#DIV/0!
Pool Concessions	-	-	-	#DIV/0!
Catering	177.21	6,606	-	#DIV/0!
	<u>2,132.98</u>	<u>175,777</u>	<u>2,432.24</u>	<u>-12.3%</u>
Total Expenses	2,132.98	175,777	2,432.24	-12.3%
Total Fund Revenues	1,252.67	190,397	150.00	735.1%
Total Fund Expenses	2,132.98	175,777	2,432.24	-12.3%
Surplus (Deficit)	(880.31)	14,620	(2,282.24)	-61.4%

(1) Increase in room rentals

Sycamore Park District
 Summarized Revenue & Expense Report
 Period ended January 31, 2023

Developer Contributions (32)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD Actual</u>	
Revenues				
Administration	165.84	8,100	2,680.74	-93.8%
Total Revenues	165.84	8,100	2,680.74	-93.8%
Expenses				
Administration	-	51,350	-	#DIV/0!
Total Expenses	-	51,350	-	#DIV/0!
Total Fund Revenues	165.84	8,100	2,680.74	-93.8%
Total Fund Expenses	-	51,350	-	#DIV/0!
Surplus (Deficit)	165.84	(43,250)	2,680.74	-93.8%

Sycamore Park District
 Summarized Revenue & Expense Report
 Period ended January 31, 2023

Golf Course (50)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD</u> <u>Actual</u>	
Revenues				
Golf Operations	-	625,481	-	#DIV/0!
Golf Maintenance	-	20,384	-	#DIV/0!
	<hr/>	<hr/>	<hr/>	
Total Revenues	-	645,865	-	#DIV/0!
Expenses				
Golf Operations	6,838.50	403,306	7,747.43	-11.7%
Golf Maintenance	15,176.64	333,683	13,599.21	11.6%
	<hr/>	<hr/>	<hr/>	
Total Expenses	22,015.14	736,989	21,346.64	3.1%
Total Fund Revenues	-	645,865	-	#DIV/0!
Total Fund Expenses	22,015.14	736,989	21,346.64	3.1%
Surplus (Deficit)	(22,015.14)	(91,124)	(21,346.64)	3.1%

Sycamore Park District
Summarized Revenue & Expense Report
Period ended January 31, 2023

Aquatics (51)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD</u> <u>Actual</u>	
Revenues				
Pool	-	64,170	500.00	-100.0%
Swim Lessons	-	19,567	-	
Splashpad	-	13,732	-	#DIV/0!
	<hr/>	<hr/>	<hr/>	
Total Revenues	-	97,469	500.00	-100.0%
Expenses				
Pool	-	72,978	44.21	-100.0%
Aquatics Maintenance	-	34,900	-	#DIV/0!
Swim Lessons	-	10,427	-	
Splashpad	-	1,122	-	#DIV/0!
	<hr/>	<hr/>	<hr/>	
Total Expenses	-	119,427	44.21	-100.0%
Total Fund Revenues	-	97,469	500.00	-100.0%
Total Fund Expenses	-	119,427	44.21	-100.0%
Surplus (Deficit)	-	(21,958)	455.79	-100.0%

Sycamore Park District
Summarized Revenue & Expense Report
Period ended January 31, 2023

Debt Service (60)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD</u>	
			<u>Actual</u>	
Revenues				
Administration	<u>328.58</u>	<u>691,000</u>	<u>3.58</u>	9078.2%
Total Revenues	328.58	691,000	3.58	9078.2%
Expenses				
Administration	<u>-</u>	<u>783,337</u>	<u>-</u>	#DIV/0!
Total Expenses	-	783,337	-	#DIV/0!
Total Fund Revenues	328.58	691,000	3.58	9078.2%
Total Fund Expenses	-	783,337	-	#DIV/0!
Surplus (Deficit)	328.58	(92,337)	3.58	9078.2%

Capital Projects (70)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD</u>	
			<u>Actual</u>	
Revenues				
Administration	<u>1,804.44</u>	<u>953,800</u>	<u>19.08</u>	9357.2%
Total Revenues	1,804.44	953,800	19.08	9357.2%
Expenses				
Administration	<u>-</u>	<u>1,454,113</u>	<u>11,012.10</u>	-100.0%
Total Expenses	-	1,454,113	11,012.10	-100.0%
Total Fund Revenues	1,804.44	953,800	19.08	9357.2%
Total Fund Expenses	-	1,454,113	11,012.10	-100.0%
Surplus (Deficit)	1,804.44	(500,313)	(10,993.02)	-116.4%

Sycamore Park District
 Summarized Revenue & Expense Report
 Period ended January 31, 2023

Action 2020 (71)

<u>Department</u>	<u>January Actual</u>	<u>Annual Budget</u>	<u>2022 YTD</u> <u>Actual</u>	
Revenues				
Administration	<u>574.92</u>	<u>299,740</u>	<u>40.96</u>	1303.6%
Total Revenues	574.92	299,740	40.96	1303.6%
Expenses				
Administration	<u>-</u>	<u>480,000</u>	<u>-</u>	#DIV/0!
Total Expenses	-	480,000	-	#DIV/0!
Total Fund Revenues	574.92	299,740	40.96	1303.6%
Total Fund Expenses	-	480,000	-	#DIV/0!
Surplus (Deficit)	574.92	(180,260)	40.96	1303.6%
Total Fund Revenues	98,818.14	6,806,307	78,734.19	
Total Fund Expenses	174,549.85	8,043,874	160,945.69	
Surplus (Deficit)	(75,731.71)	(1,237,567)	(82,211.50)	

Sycamore Park District
Fund Balances

	unaudited 1/1/2023	Revenues	Expenses	unaudited 1/31/2023	1/31/2023 Cash balance
10 Corporate	1,012,782.64	33,868.21	43,019.81	1,003,631.04	999,464.38
20 Recreation	715,713.49	59,064.46	106,836.39	667,941.56	689,153.59
21 Donations	220,925.16	651.62	-	221,576.78	221,576.78
22 Special Recreation	225,056.60	726.84	-	225,783.44	225,783.44
23 Insurance	55,097.38	177.94	-	55,275.32	55,275.32
24 Audit	12,194.56	39.38	-	12,233.94	12,233.94
25 Paving & Lighting	47,132.33	152.22	-	47,284.55	47,284.55
26 Park Police	3,876.16	11.02	545.53	3,341.65	3,424.69
27 IMRF	4,654.08	-	-	4,654.08	4,654.08
28 Social Security	-	-	-	-	-
30 Concessions	67,178.86	1,252.67	2,132.98	66,298.55	62,302.80
32 Developer Contributions	51,349.38	165.84	-	51,515.22	51,515.22
50 Golf	175,204.32	-	22,015.14	153,189.18	176,818.26
51 Aquatics	(72,435.71)	-	-	(72,435.71)	(71,511.91)
60 Debt Service	101,740.74	328.58	-	102,069.32	102,069.32
70 Capital Projects	723,199.61	1,804.44	-	725,004.05	560,528.05
71 Action 2020	203,993.82	574.92	-	204,568.74	178,592.18
	3,547,663.42	98,818.14	174,549.85	3,471,931.71	3,319,164.69

Summary of depository accounts as of

2/23/2023

<u>Location</u>	<u>Balance</u>	<u>Interest</u>
Old National Bank	433,023.50	1.25
Resource Bank	200,644.33	1.09
IPDLAF	2,807,552.47	4.45
DCCF - Action 2020	71,567.95	
Dekalb Co. Community Foundation	<u>20,391.58</u>	
	3,533,179.83	

To: Board of Commissioners

From: Theresa Tevsh, Superintendent of Recreation Services

Subject: Monthly Recreation Team Report

Date: February 22, 2023

Administrative Initiatives (2/1/23-2/28/23)

Theresa Tevsh, Superintendent of Recreation Services and Recreation Staff

- Attended all staff and Board meetings as scheduled.
- 2023 Dog Park Memberships sold to date:157.
- Community Center vending sales for January: \$372.50 in product.
- As of February 2023, we have 313 Active Pathway Fitness 24/7 Memberships, 289 Active Pathway Fitness Passes, 53 Active Track 24/7 Memberships, 224 Active Track Passes and 326 Active Open Gym Passes. All pass types had an increase in sales the month of January.
- Recreation Specialist Dobberstein and Superintendent Tevsh presented Tails with a \$200 check on February 1st from the donations from the Chili Cook-Off.
- In 2022, the Sycamore Lions donated a trailer full of used x-country skis that used be used for the annual Lions Club x-country ski for the blind event, an event that started on the Sycamore Golf Course in 1982. The skis were in bad repair and needed to be retired. I worked with NIU Outdoor Adventures and their graduate students to sort through the skis over the winter. Some skis were put into circulation with Outdoor adventures for rentals. Some were repurposed with the NIU Art club and made into Adirondack chairs. The rest were stored for the park district to use at the 2023 Winter Festival and the Self Care Fair. Volunteers Ken & Corki Williams showed families how to use the skis (indoors on 30 feet of tumbling mats). Because of the condition of the skis, the intent was to give them away, so that families can try them out without having to commit a lot of money up front. We were able to outfit 17 families, (39 sets of skis). This will hopefully promote the sport of x-country skiing and encourage people to join the park district for our next “pop up” x-country ski classes.
- Several “social groups” have migrated over from the clubhouse & sport complex parking lot during the “winter season”. The groups call themselves: Mahjongg players, the Dinosaurs, The Sports Writers, and the Lions Golf Group. The wood carving group is a group I inherited when I started, so not sure how long they have been around. We have given them unofficial spaces to use at the park district, with the understanding that park district programs take priority. They have all signed waivers just like they were signing up for a program. I decided to assign an “ambassador” to each group, with the intent to formalize the activities for next season, so that we can list them in the Seasonal brochure and give the activity an official “home” or space in our building. These groups represent a segment of our core values with Equity and Connections.
- Staff finalized Spring Mailer content for Marketing Supervisor to prepare for printer. This will be delivered to homes the first week of March and will include 100th Anniversary happenings and Splash Fountain.
- Attended the KSRA Board meeting on February 15th. The meeting did not meet quorum and will be rescheduled.

- Attended the KSRF Foundation meeting. The meeting did not meet quorum and will be rescheduled. To be noted, the Annual golf fundraiser in May will be held at the Dekalb Park District golf course for 2023.
- The Gym had modified use on February 15-21 due to water that leaked from the second floor into the lower-level electrical room and causing a short in the gym equipment control panel. We were unable to move curtains or basketball hoops. The part was ordered and repaired on February 22nd. A claims report was sent to PDRMA.
- Classes were canceled due to icy weather conditions on February 22nd. The community center remained open. Classes will be rescheduled.
- Attended the Dekalb Chamber of Commerce Dinner on February 9th which nominated the Kishwaukee Special Recreation Association for a 2023 Non-Profit Organization of the Year award.
- Recreation staff conducted the February 4th Self-Care Fair in the gym from 9-1pm. We had 25 vendors and an estimated 300 in attendance.
- Recreation staff conducted the Sweetheart Dance on February 19th from 4-6pm. We had 200 participants (14 signed up at the door). Hired a new DJ for the event.
- The Teen Gym jam was canceled due to low enrollment. But in anticipation of tweens still showing up on the no school day, we used NIU students as volunteers to be gym monitors and to sell concessions for the day. This was successful and we plan to do this again over the Spring Break week.
- Seeing how the daily morning pickleball attendance is growing, along with private lessons 2x a week on Mondays & Thursdays; we decided to add two pickleball clinics in April. We are also planning for pickleball lessons this summer at West Courts.
- The Library hosted its third Star gazing Party with the park district. On February 17th, the telescopes were able to find planet Mars and the lecture was presented by the Fox Valley Astronomical society. There were 29 people in attendance.
- In partnership with the Library for Black History month, the Park District hosted “Kruccus African Drummers” on February 5th. We had 30 people in attendance.
- Superintendent Tevsh was invited to attend the Sycamore Quilt Guild on February 23rd. Will discuss opportunities to display quilts and attend events.
- Superintendent Tevsh invited to attend the Sycamore Chamber Leadership Academy luncheon top talk with the new students on February 24.
- NIU KNE 300 student volunteers helped with the following events at the community center: Self Care Fair, Sweetheart Dance, Feb 17 No School Day.
- Superintendent Tevsh and Recreation Specialist Dobberstein attended the NIU Kinesiology job Fair on February 21st to recruit for seasonal and intern positions.
- Recreation Specialist Dobberstein had 8 Birthday Party packages, 3 room rentals, 3 gym rentals, 1 clubhouse and 1 Riverview room rental for February.
- Recreation Specialist Dobberstein continues to work with the flood damage at the clubhouse from the pipe that bust late December. Acquired painting estimates.
- Recreation & Marketing Supervisor Rex:
 - Met with Edward Jones about sponsorship opportunities in 2023
 - Developed the Spring Mailer
 - Updated and enhance SPD’s sponsorship opportunities packet, Corporate Connections
 - Prepared first draft of 2022 Annual Report
 - Prepared the annual Employee uniform order sheets
 - Represented the District at the NIU Summer Jobs and Internship Fair on February 15

- Superintendent Tevsh and Facility Custodian Dobson will conduct interview for a part-time custodian end of February.
- Adult Volleyball leagues regular season has ended and wrapping up February with tournaments.
- Literacy Lane boards will be changed out in March to represent the “March National Parks Madness” theme along the Great Western trail section.

**See attached daily, monthly, and annual facility usage comparison charts.
Usage continues to increase post pandemic.**

Administrative Initiatives (3/1/23-3/31/23)

Theresa Tevsh, Superintendent of Recreation Services and Recreation Staff

- Recreation Specialist Hoblit continues to add to his sport affiliate duties and will work with Jeff to get to know the sport field system.
- Will attend all staff and Board meetings.
- Will begin interviews for Recreation Assistant and Summer Intern.
- Will post upcoming Recreation Supervisor position.
- Will attend the PATH Biometric Screening March 8.
- Will attend the PDRMA Kickoff meeting with safety team on March 13.
- Will assist staff with the Tea For Three event on March 25.
- Will present to the NIU KNE 300 class on March 29.
- Will prepare for the Chamber Expo on April 1st.
- Will conduct the Dog Egg hunt at the Brain Bemis Family Dog Park on April 1st.
- Staff will finalize content for the Summer 2023 Brochure.
- Recreation Specialist Dobberstein will work on vendors for Sip & Savor event in July.
- Recreation Specialist Dobberstein will begin training meetings with seasonal Concession staff.
- Recreation and Marketing Supervisor Rex
 - Will attend the Chamber of Commerce’s Annual Meeting March 2
 - Will submit the Park District’s application to the NRPA Gold Medal Award
 - Will develop the Park District’s summer brochure
- Facility Supervisor Metcalf and Recreation Supervisor Rex will attend the Promotional Professional Association of Chicago’s Annual Showcase March 29.

IPRA/IAPD Conference Report 2023
Recreation Staff

Thank you to the Board for allowing the full-time recreation staff to attend the annual conference in Chicago January 26-28, 2023.

Theresa Tevsh, Superintendent of Recreation

Thursday, January 26

Attended Exhibit Hall Noon-2pm

#18 Imposter Syndrome and the Insidious Nature of Doubt 3-5pm

**Room moderator volunteer*

This presentation provided tactics on dealing with criticism, changing your environment and learning to brag about your self-successes.

Friday, January 27

Exhibit Hall 10-11:30am

#14 Move the Needle: Increase your Productivity 1-2pm

**Room host volunteer*

My favorite take away was to schedule focus time, just to schedule out your work schedule! I also liked how giving time to staff to focus away from the office is trending.

Exhibit Hall for dessert & meet with The Fun Ones Entertainment Co. 2:30-3:30

Saturday, January 28

Keynote Speaker: Shannon McCain

Four Square Leadership: Mindset, Styles, and Connections to Success 9-10am

#417 Crushing the Pickleball Budget 10:30-11:30am

Northbrook Park District presented. What I found most interesting is that there are three staff that ALL work on the pickleball programming (amongst their other duties). They reported bringing in \$102,000 in 2022 in Pickleball revenues and they have 4 courts. I also found it interesting and asked the attendees on how they schedule their open gym time for programming vs membership time. They all responded that priority goes to programming time. They even "rent" out their outdoor court spaces for private rentals. There is money to be made while the sport is hot!

#13 Strategic Leadership While Facing the Unknown 12:30-1:30pm

**Room host volunteer*

The speakers presented a real-life scenario of a riot that took place at their outdoor aquatics facility. As leaders, it was an event they could not imagine happening, but it did. They discussed the importance of networking with other professionals, mentoring and preparing new leadership with strategies to succeed after the seasoned employees leave.

Lisa Metcalf, Facilities Supervisor

Thursday, January 26

#10 Becoming a Values-Driven Organization

In this session we learned how to establish a process for identifying values, embedding these values into your organization, and using them to shape your vision and future strategies. When your values are clear to you, making decisions becomes easier.

#12 Enhanced Wellness for Public Sector Employees: The Importance of Self-Care in the Helping Professions

This session not only helped participants understand and identify the stressors in their lives and ways to prevent burnout, but it also addressed ways for supervisors to assess their employees' work environment and make changes to enhance employee wellness. It was interesting when the speaker stated that "you need 7 positive messages to every 1 negative message to keep level". Agencies should invest in their people because better people make better professionals. Try to take 15 minutes a day to focus on you!

Exhibit Hall – I attended in the afternoon.

Friday, January 27

#132 Play and W.I.N.: 3 Insights for Enjoying Life and Success

The speaker explored 3 key aspects, Work. Integrity. Never-ending Improvement. and helped us find ways to apply them in real time to help our personal and professional lives.

#19 Courageous Conversations: Improving Dialogue in the Workplace

The speaker for this session had to do the presentation via zoom since her flight was canceled due to weather. She still did an excellent job. She reviewed 4 goals of extraordinary dialogue. 1) Willing to learn, 2) Find the truth / best path forward, 3) Produce results, and 4) Strengthen relationships. To help connect with people during conversations, try not to say "but" too often. Keep it positive. Identify conversations that need strategies to navigate them effectively. Strive to ensure that communication in the workplace is productive.

#14 Move the Needle: Increase Your Productivity and Optimize Your Time

This session focused on productivity and getting the right things done in order to focus and move the needle forward. In order to do this, you must identify where your time goes during the day. Once you establish your priorities in life, you can use tools for effective time management strategies and resources.

#105 Effective Delegation

This session focused on how to be a better leader for your employees and in turn it will help you delegate effectively. Strive to create an agreement with your direct reports to establish a good working relationship. Be there when you are needed and get out of the way when you are not. It's a good idea to meet with your staff, list out what they are responsible for and rank the areas of 1) where they need to ask you and recommend what they should do, 2) where they can act and then report to you immediately, 3) where they can act and then report to you periodically and finally 4) where they can act on their own. It's good to revisit this at least every 90 days. Always give clear expectation so everybody understands their role and the goal.

Saturday, January 28

Keynote General Session with Shannon McCain

Every employee in parks and recreation is a leader. Shannon, through her own experiences, helped us learn what it takes to be a successful leader and develop strong connections with teammates.

Sarah Rex, Recreation & Marketing Supervisor

Thursday, January 26

Sponsorship Basics: From A to Z

This was a really helpful session that started from the beginning with tips for developing and corporate sponsorship program. I took back a lot of notes and inspiration which I already applied to SPD's Corporate Connections and plan to continue growing and fine-tuning it using the things I learned this year at conference.

Branding Your Agency from the Inside Out

This session talked about branding and how the consumer interacts with brands. I think the biggest takeaway was to remember that we don't have complete control over how people perceive our brand and their experience from registration through participation is all a component of marketing and branding.

Exhibit Hall

Friday, January 27

Ten Minutes to Turn Your Infographics from Blah to Brilliant

Loved this session! It talked about how to get people to pay attention to the information we're putting out. Not sure how to create clean and easy to follow graphics but also the importance of providing context to those graphs. For example, when providing data also include a statement about the impact of that data.

Showcasing Sponsorships in Style: The Dos and Don'ts

This one was a case study of Oak Brook Park District's corporate sponsorship program development. I picked several tips and tools, but their community is very different than Sycamore. Still helpful.

Move the Needle: Increase Your Productivity and Optimize Your Time

This session gave lots of tips on getting organized and being productive. Some were based on personality types, and some based on prioritizing tasks and goal setting.

Social Media and the Law: Facebook? Instagram? What Now?

This was interesting to learn that the comment section of all social media posts is an open forum and due to the First Amendment and protected speech anything posted must remain. Examples of unprotected or

less protected speech that can be deleted by an agency are obscenity, fraud, child pornography, speech integral to illegal conduct, speech that incites imminent lawless action, speech that violates intellectual property law, true threats, and commercial speech such as advertising. The presenter shared a lot of interesting case studies which were helpful. They suggested coming up with a comment policy, which SPD has, that defines the expectations of commenters.

Saturday, January 28

Keynote Speaker: For Square Leadership: Mindset, Styles, and Connections for Success

I was looking forward to this presentation based on the description, but as the presentation went on the message became vague. The presenter was a good public speaker, but she didn't seem to tie anything back to the intended message and just left us with "don't lose your passion."

Chris Hoblit, Recreation Specialist

Thursday, January 26

402 – Youth Sports Compliance – Setting Standards and Enforcing Requirements

This session discussed the coach's role and responsibilities in sports. The session dove further into coaching requirements pertaining to certificates, training, clinics, policies and practices. Topics such as codes of conduct and objective learning goals were covered pertaining to successful relationships between coach, player, and families.

Exhibit Hall – I viewed every booth and spoke with about one out of every twenty vendors. I gathered good information that may help with programming and facilities down the road.

Friday, January 27

421 & 422 – Sometimes you gotta work a little to ball a lot.

These sessions gave helpful tips and guidelines to be a productive and efficient supervisor. Topics included, professional expectations of the position, and professional networking and career-life balance.

14 – Move the Needle: Increase Your Productivity and Optimize Your Time

The title is self-explanatory, and the focus was on a new way of thinking about productivity with proper prioritization as the key to successful productivity.

#413 – Reimagining success in Youth Sports.

Redefining the sports program and league from the bottom up. Focus on Participant success and growth. Using new measuring tools to evaluate success not only for the program but the participant and community as a whole.

Saturday, January 28

Keynote Speaker: Four Square Leadership: Mindset, Styles, and Connections for Success

The speaker focused on leadership style and how to become an effective leader through your interactions with those around you. Four styles are highlighted and used to paint a picture of a successful leader.

116 – Finding Success Through Conflict Resolution.

Attendees are offered a flexible framework to help them work through concerning situations. Good takeaways for “frontline” workers were discussed and practical methods were demonstrated to help facilitate deescalating a conflict.

408 – Special Event Bootcamp

Attendees learned how to plan and facilitate special events by learning how to properly manage every phase of the event.

403 – Hacking your way to additional revenue.

Attendees learned how to utilize cost analysis and market research to best price your community programming.

Melissa Dobberstein, Recreation Specialist

Thursday, January 26

Exhibit Hall

Friday, January 27

Tough as Nails

Realizing the signs and the importance of mental health in the workplace (staff or customers). Learned different techniques on how to deal with and help in different situations.

Phase 3 Programming (senior programming)

How important the park district is to the senior community. We have “younger” seniors that we need to let them program us and to give them experiences. Get them together in different social groups and activities. Work with your high school and daycares.

Move The Needle (how to optimize your time)

Establish goals and priorities. Break things down into year, month, day, hour. Do self-assessment on what is your personal goals. Leave phones, watches, alarms, etc. alone while working so you can concentrate. Do 45 min work, 15 min relax and device check.

Being Weather Ready

Learned the importance of how to judge the weather and have an escape plan.

Saturday, January 28

Keynote Speaker: Four Square Leadership: Mindset, Styles, and Connections for Success

Battle of The Champions-How To Get Staff To Succeed

Give them goals to work towards, incorporate competition.

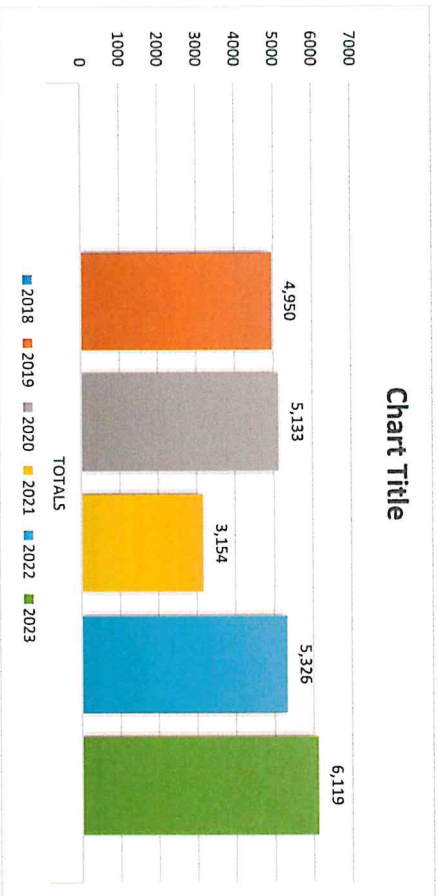
Special Event Boot Camp

How to plan, promote, setup. Using your whole team. Do your budget, know it and stick to it.

Jan. 2023	Building Hours	After Hours	Splashpad Daily Fee	Splashpad Pass	Open Gym	Total Users	Other Comments
1	0	36			0	36	CLOSED
2	142	11			93	246	No School
3	145	13			72	230	No School
4	197	14			88	299	No School
5	173	17			42	232	
6	159	12			3	174	Gym Closed
7	71	24			1	96	Gym Closed
8	59	41			0	100	Gym Closed
9	199	14			11	224	
10	172	18			26	216	
11	144	23			40	207	
12	171	16			49	236	
13	150	19			73	242	
14	89	19			16	124	
15	64	39			26	129	
16	204	13			84	301	No School
17	188	23			37	248	
18	186	16			33	235	
19	158	15			51	224	
20	172	12			29	213	
21	99	20			49	168	
22	45	35			30	110	
23	224	17			74	315	
24	171	22			46	239	
25	142	15			30	187	
26	129	18			31	178	
27	123	15			43	181	
28	88	15			44	147	
29	54	33			43	130	
30	171	15			59	245	
31	157	17			33	207	
	4246	617			1256	6119	

CLOSED

	2018	2019	2020	2021	2022	2023
January		58	53	21	22	36
2		203	175	65	89	246
3		210	153	38	207	230
4		145	118	123	205	299
5		119	131	131	140	232
6		129	241	111	152	174
7		252	202	107	194	96
8		218	204	115	133	100
9		207	193	81	95	224
10		212	164	64	203	216
11		172	105	142	218	207
12		126	113	128	211	236
13		130	223	131	198	242
14		273	202	113	215	124
15		225	172	100	153	129
16	Building	238	198	63	115	301
17	Not Open	236	148	70	276	248
18		170	84	123	222	235
19		82	122	147	200	224
20		154	238	147	200	213
21		240	205	129	212	168
22		147	205	137	153	110
23		144	170	85	102	315
24		189	152	81	174	239
25		118	83	152	187	187
26		140	130	77	201	178
27		118	210	116	184	181
28		117	206	127	200	147
29		66	185	89	138	130
30		0	207	102	111	245
31		112	141	39	216	207
TOTALS		4,950	5,133	3,154	5,326	6,119



From: Kirk T. Lundbeck
Subject: Monthly Report
Date: February 28, 2023

Administrative Initiatives (2/1/23 – 1/28/23)

- Attended all administrative team meetings as scheduled.
- Continued bi-monthly marketing calls with Teesnap marketing. Continued planning next season's schedule of eblasts.
- Continued distributing outing contracts to outing planners for 2023.
- Continued succession planning with Jonelle for Superintendent of Golf Operations position to be filled by January of 2024.
- Finalized the 2023 Tournament and Outing Schedule.
- Finalized SAY-Golf Lesson program, NEW SAY-Golf Junior League information and the Adult Lesson Academy information.
- Finalized administrative changes for the permanent tee time program and emailed last year's tee holders with the new rules and regulations.
- Began Swing into Spring Sale advertising through eblasts and social media outlets.
- Began accepting new 2023 pro shop orders and inventory.
- Finalized 2023 corporate and service organization leagues.
- Finalized all in house league calendar dates and email all of last year's participants with registration information with sign up to begin during the Swing into Spring Sale.
- Removed reader board from wall behind the pro shop counter and paint wall in preparation a TV monitor system.
- Continued accepting applications for part-time staff for the 2023 season.
- Finalized Teesnap Tee sheet preparation for the 2023 season.
- Guest speaker at the Sycamore Rotary weekly lunch meeting.

- Continued to offer winter lessons at Mason Golf Simulator in DeKalb.
- Prepared cart barn for the 2023 golf season.

Administrative Initiatives (3/1/23 – 1/31/23)

- Attending all administrative teak meetings as scheduled.
- Continue bi-monthly marketing calls with Teesnap marketing. Continue planning next season's schedule of eblasts.
- Continue distributing and receiving signed outing contracts to outing planners for 2023.
- Continue succession planning with Jonelle for Superintendent of Golf Operations position to be filled by January of 2024.
- Hold Swing into Spring Sale March 3rd through March 5th.
- Move pro shop displays and merchandise into the clubhouse for carpet cleaning.
- Finalize pro shop and clubhouse repairs from flood damage. Touch up pro shop paint and ceiling.
- Mount to TV monitor behind pro shop and work with Sarah Rex to develop monitor displays and information.
- Continue accepting applications for part-time staff for the 2023 season.
- Continue to offer winter lessons at Mason Golf Simulator in DeKalb.
- Finalize in house league roster once sign up is complete.
- Begin training part-time staff.
- Restage golf carts into the cart barn once returned from winter maintenance.\
- Work with Jeff, Steve and the bridge #1 contractor on coordination of bridge site preparation and new bridge opening.
- Finalize opening of the 2023 golf season with Teesnap. Prepare opening day eblasts, Facebook postings and signage.

To: Board of Commissioners
From: Jeff Donahoe
Subject: Monthly Report
Date: February 28th, 2023

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Administrative Initiatives (2/1/23-2/28/23)

Golf

- Snow on the 24th was only the second snow in February as rains have outpaced the snow events so far this winter with more rain forecast this month.
- The clubhouse concessions repairs are still in progress as we have been working with contractors and the insurance company adjuster. We will update at the meeting.
- Plowing continues as needed with attention on the community center during their regular hours. Staff continues to work on all mowers, carts, mowing reels, string trimmers, saws, etc. Golf carts will start to get worked on in the next couple of weeks.
- I have been working on turf application schedules and product ordering for the season.
- After waiting over one and a half years for our new greens mower due to supply chain and back log issues, our Toro sales rep found us a slightly used demo mower that was being used at university research plot. The new mower will be ready for spring use and saved us \$5k over expected cost.
- The ice and rain storm last night on the 22nd caused lots of tree damage on the course. The largest was a third of the large maple behind one green, the crab behind 16 green, large section behind 16 tee, and many large limbs off of evergreens, especially all along 16 and 8 fairways. In addition, smaller limbs fell throughout the course. These will all be cleared thru the spring as time allows. The storm also provided another 1.5” of rain so the river is at edge and the creek at 11 tee over its banks. Hoping for a dry March at this point as the turf is very saturated everywhere.

Sports

- Receiving requests from ball teams for tournaments. Practices will begin in early April for most groups. The High School will begin practices and games in mid-March if the weather cooperates and the fields are dry enough.
- Staff is working on equipment, painting cans, and outside when able to make field repairs.

- Gathering product needs and ordering supplies for the fields.
- Participated in a meeting with the school district, engineers, design company, and Director Bailey about the addition of the new field for High School softball. This positive meeting was to hear what amenities the school was looking for and what would also work for us. The next step the engineers will come up with a cost for the school district.

Parks

- I attended staff, Board, budget, and park planning meetings.
- Completed required PDRMA annual kickoff form with staff. Helps set a plan with PDRMA for season long trainings and safety goals for the district. Safety team will meet with our rep. Kyle in early March.
- The ice storm on the 22nd knocked down many limbs and sticks at several parks and on all the trails. Priority will be to clear the trails and will get to the limbs as weather allows.
- Met with staff about a mid-March online auction of surplus equipment including pool items. This will be thru GovDeal.com. Will be gathering and submitting photos and info on items for sale.
- Staff continues to check parks, empty garbage, plow/salt, and work on equipment.
- Staff helped with prep of the Sweetheart Dance at the Comm. Center.
- Organizing/cleaning office files.
- Attended annual Parks and Rec. conference in Chicago the 26th-28th.
- Received information on lighting projects working with new Comed incentive programs. One project thru a Comed certified lighting contractor would allow us to change all current non-LED light fixtures to LED with very little cost to the Park District at the maintenance facility, the clubhouse/cart barn/garage buildings, the old shop building and several outdoor building and parking lot lights. The other project would be thru a sports lighting company and would replace all the current light fixtures at the four lit ball fields also for very little cost to the Park District.

Administrative Initiatives (3/1/23-3/31/23)

- Attend all staff, Board, planning meetings.
- Work with contractors on clubhouse and old shop education room projects.
- Work on Capital budget projects and equipment repairs/acquisitions.

- Complete compliance inspections – five year sprinkler pipe system tests at shop.
- Work on sports group field scheduling and material orders. Should receive user group practice schedules and coordinate with rec staff and all ball field groups.
- Work on all equipment and golf carts as winter work concludes. Staff and I will be outside as weather allows. Start to get ball fields ready, golf course ready, parks cleaned and play areas inspected towards the end of the month. Soccer fields will be lined and fields adjusted as needed working with AYSO. They plan to start practice at the beginning of April if firm enough from winter precipitation.
- Plan for PDRMA safety trainings for the season for staff.
- Work with staff on auction of surplus equipment items thru government on-line site.
- Meet with Director and engineers on pending park projects. Including all new parks, lighting, solar, and building repairs.
- Continue list of sports, park, golf, splash pad supplies ordering.
- Will open golf course near end of month or early April depending on weather and turf conditions.
- Gather info on returning staff and hire seasonal staff where needed.
- Personally, I will be traveling out of the country March 26th thru April 4th for spring break.

To: Board of Commissioners
 From: Jonelle Bailey
 Subject: Monthly Report
 Date: February 2023

Administrative Initiatives (2/1 – 2/28 2023)

- Attend all Staff, Board and Planning meetings.
- Attend all administrative staff meetings as scheduled.
- Attend ALL-Staff meetings when scheduled.
- Attend Park Foundation meetings as scheduled.
- Attend Rotary and Chamber Meetings
- Attend IPRA meetings: Diversity Section, Membership Council
- Met with the city regarding parking at Riverside Soccer Complex
- Met with Upland Design to prepare for Reston Park Bidding project.
- AYSO – will be providing their schedules for Riverside – working with them to ensure the field use stays at 11 fields at any one time
- Continue get to know community members and local businesses.
- Bi-weekly meeting with the Superintendents
- Review Marketing needs and timelines with Recreation Staff & Marketing
- Review SOPS with Superintendent to prepare for retirement and change in staff
- Review all construction projects and next steps:
 - Reston Ponds – waiting on the bid schedule
 - Bridge #1 – bridge has been installed and we are waiting for spring for the approaches to be installed.
 - North Grove –survey of neighborhood to get information on park features went out 2nd week of February
 - Survey of Riverside
- Working with Sarah on 100-year anniversary: the overview for activities went out in the spring mailer.
- Met with lighting companies to get facility and sports lighting replaced with the ComEd rebate programs.
- Worked with DeKalb park district to finalize an intergovernmental agreement for season pass sales to our residents.

Administrative Initiatives (3/1 – 3/31 2023)

- Attend all Staff, Board and Planning meetings.
- Attend all administrative staff meetings as scheduled.
- Attend ALL-Staff meetings when scheduled.
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- Attend IPRA meetings: Diversity Section, Membership Council
- AYSO – will be providing their schedules for Riverside – working with them to ensure the field use stays at 11 fields at any one time.
- Continue get to know community members and local businesses.
- Bi-weekly meeting with the Superintendents
- Review Marketing needs and timelines with Recreation Staff & Marketing
- Finalizing SOPS's and plans for SOR retirement,
- Interviews for the Superintendent of Recreation position week of March 6.
- Review all construction projects and next steps:
 - Reston Ponds – sending final plans to the city for final comment prior to bid process.
 - Bridge #1 – bridge has been installed and we are waiting for spring for the approaches to be installed.
 - North Grove –in person survey will be in April, sending out information to the HOA and posting on social media those dates
 - Survey of Riverside



Board of Directors February 13, 2023

Shawn Lowe
President

Dear Sycamore Park District,

Tia Anderson
Vice President

Thank you for your recent donation to Tails Humane Society! This generous gift will provide a safe haven for homeless animals when they need it most.

Dustin Davis
Treasurer

Pets like Cannoli who was found loose in our community. He was wandering around unsure of where to go, lost and undoubtedly frightened. Thanks to supporters like you, he found a safe and warm place to stay at Tails.

Chris Porterfield
Secretary

Robert Briick

So many of the animals we help are like Cannoli. They don't have any pressing medical issues or shocking circumstances, but they are homeless for one reason or another and need someone to care for them – and **your donation makes that possible!**

Ted Campbell

Thecla Cooler

Kevin Edic

Debbie Gettemy

Thousands of pets will come to Tails for help this year, and thanks to compassionate animal lovers like you, they will get exactly what they need. Thank you for providing these animals with a soft place to land on the hardest days of their life!

Alex Hunter

Nate Olson

Sincerely,

Michelle Pickett

Michelle Groeper

Thank you again!!

Leslie Scarpace

Michelle Groeper
Executive Director

Scott Zak



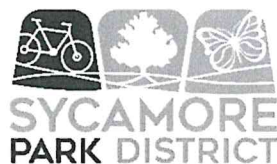
Thank you for your donation!

Amount: \$200.00

Date: February 1, 2023

Chili Cookoff Donation

No goods or services were provided in exchange for this contribution. Tails Humane Society is a 501(c)3 charitable organization designated by the IRS. Tax ID #36-4334785.



Board of Commissioners
Date of Board Meeting: February 28, 2023

AGENDA ITEM:

Solar Energy options

BACKGROUND INFORMATION:

When we were looking at energy brokers for our electric usage for the district solar energy came up. Update presentation:

The board requested additional information on structure support and staff requested information from the engineers, architects and the company who installed the roof.

That documentation is attached.

We have also invited Progressive Business Solutions to present their information and findings regarding their engineers feed back.

FISCAL IMPACT: projected annual savings: \$36,386.

STAFF RECOMMENDATION: That we move forward with solar on the community center and the maintenance building.

PREPARED BY: Jonelle Bailey, Executive Director

A handwritten signature in blue ink, appearing to read "JEB", is positioned to the right of the "PREPARED BY" text.

EXECUTIVE DIRECTOR REVIEW/APPROVAL: BOARD ACTION:



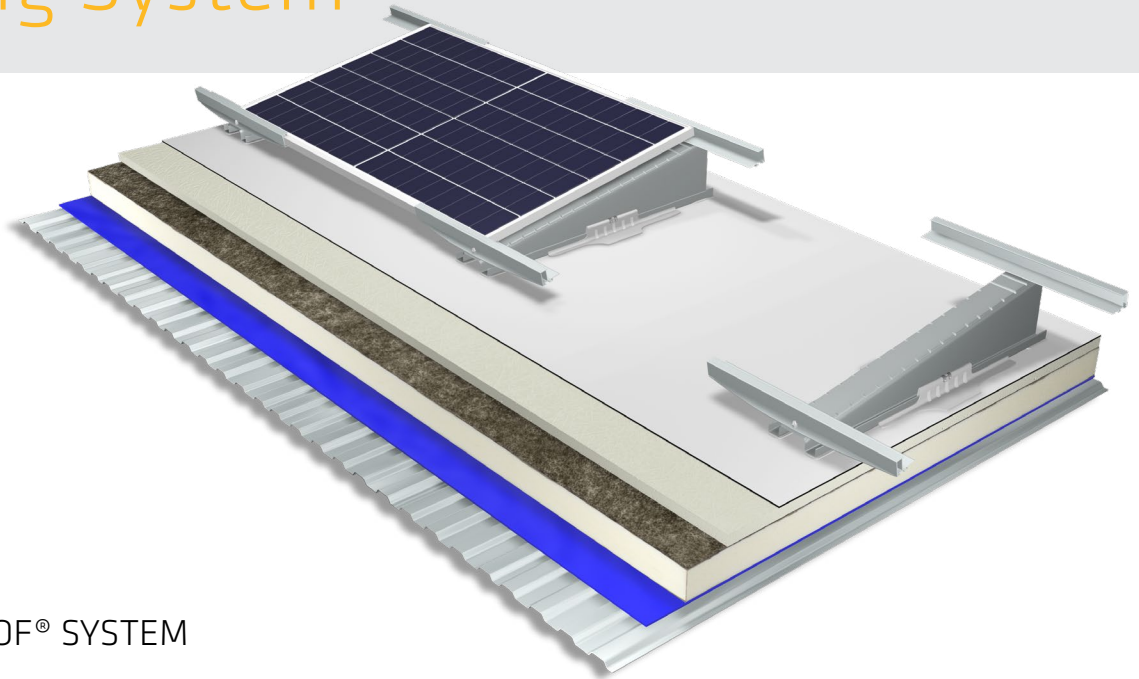
ROOFING

Sika SolaRoof[®] System

THE FIRST FM APPROVED, SINGLE-PLY COMMERCIAL SOLAR SYSTEM



Going Beyond the Expected Solar Racking System



SIKA SOLAROOF® SYSTEM

Industry's first FM approved solar roof system The Sika SolaRoof® System is a groundbreaking solar solution that combines the proven performance of Sarnafil roof assemblies with the industry's most innovative PV racking system. The Sika SolaRoof® System is engineered to be durable and aerodynamic for the installation of rigid PV panels on low slope Sarnafil® PVC roofs.

Sarnafil roof assembly and racking system (Sika SolaRoof®) are sold together as a complete system on low-slope, re-roof and new construction projects. The PV racking system is not available for an existing Sarnafil roof system or to be used with any other commercial roofing assembly other than a Sarnafil roof assembly. The system also offers the only single-source warranty for both the roof assembly and the racking system up to 20 years.



SIKA SOLAROOF® ADVANTAGES



FM APPROVED*



UL APPROVAL**



PROVEN SARNAFIL PVC MEMBRANE



NO ROOF DECK ATTACHMENT PENETRATIONS



LIGHTWEIGHT, NON-BALLASTED CONFIGURATIONS



COST-EFFECTIVE



NO SLIP SHEETS REQUIRED



NO LATERAL MOVEMENT



AERODYNAMIC 7 DEGREE ANGLE



EAST/WEST AND SOUTH FACING CONFIGURATIONS



QUICK AND EASY INSTALLATION



SINGLE-SOURCE 20-YEAR WARRANTY***

*FM 4478

**UL 2703

***covers both the Sarnafil roofing assembly and the PV racking system.

HOT-AIR WELDING MAKES THE DIFFERENCE

Attaching the PV racking system to the new Sarnafil roof assembly requires no penetrations! Unlike other solar systems that secure through the roof deck into the structure or use heavy ballast to keep the system from moving, the Sika SolaRoof uses PVC injection molded “clicks” that are made from the same formulation as the membrane to eliminate compatibility issues. Just attach them to the sides of the steel mount and use hot air welding to fuse them to the Sarnafil roof membrane. No leaks from screw penetrations or mount shifting in heavy winds.



MULTIPLE ROOF TOP CONFIGURATIONS

The Sika SolaRoof provides more than one way to configure the panels on your roof. Both south and east/west facing configurations available to capture maximum solar rays. Both options are available on most projects, use the same components, and are covered under a single-source warranty of up to 20 years.



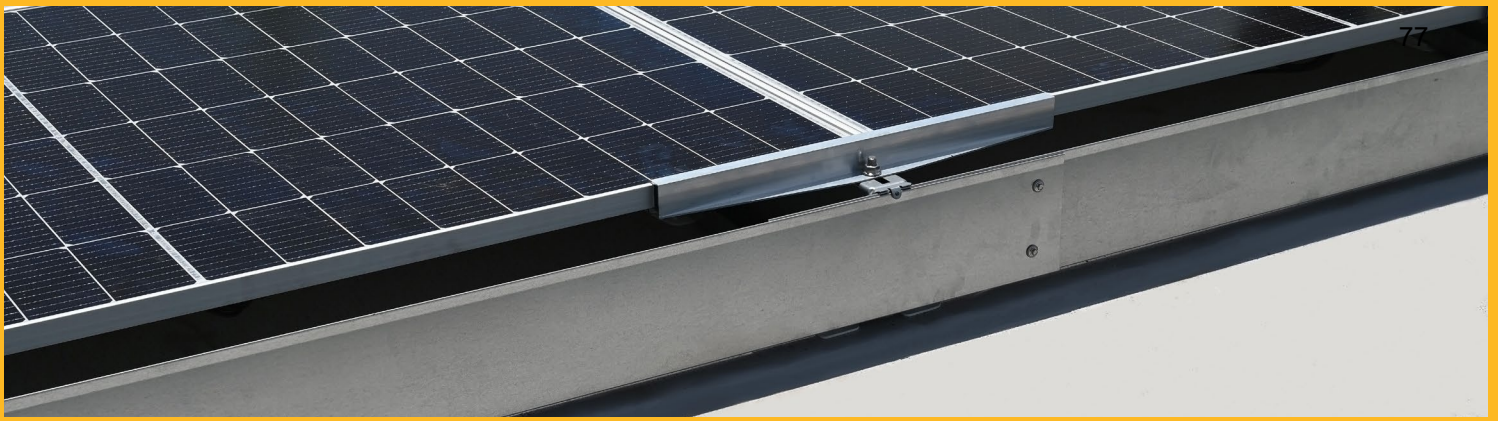
TWO LEADERS ARE BETTER THAN ONE

Solar installers unknowingly have been voiding the building owner's roofing warranty when installing the solar panels leaving the building owner on the hook when there is a leak or a premature roof failure! Selecting the right partner is essential for a successful, sustainable, and water-tight investment in rooftop photovoltaic installation. Extensive experience in the installation of roofing membranes, proven expertise in PV installation, and a long-lasting roofing membrane make the Sika SolaRoof the right choice when long-term solutions are what you desire.

Unlike most rooftop solar installations where the roofing manufacturer and the solar installer aren't in communication with each other, The Sika SolaRoof was designed by Sika Sarnafil (roofing manufacturer) and Centroplan (solar installer) and the building owners are the ones who benefit!

Founded in 2007, Centroplan specializes in medium to large-scale commercial photovoltaic solar power systems for rooftop installations. An experienced team of engineers, business economists, and project managers can handle as many phases of the photovoltaic project that a building owner needs (project concept and development, project financing, design & engineering, procurement & installation, operation & maintenance). By coordinating the roofing system installation, solar project partners, and suppliers, Sika Sarnafil and Centroplan provide the highest-quality photovoltaic system with a single-source warranty.





Sika SolaRoof® IS THE COMPLETE PV SOLUTION

A TRADITIONAL RACKING SYSTEM IS:

Hazardous: without proper testing and certification, a traditional solar system can contribute to the spread of a roof fire

Piecemeal: roofing assembly and PV racking system sold separately

Risky: many racking systems require penetrating the roofing assembly for securement risking water infiltration

Damaging: many traditional racking systems have the potential to cause rooftop damage due to lateral movement

Heavy: traditional systems that use ballast for securement increase the load on the roof

Unstable: potential for compatibility issues between racking system components and roofing membrane

Complicated: separate warranties (from separate companies) for the roofing assembly and the racking system

Sika SolaRoof IS:

Safe: third party approval and certification from FM Global assures building owners that it is tested and approved for fire and wind

Comprehensive: Sarnafil roof assembly and PV racking system are sold together as one integrated system

Monolithic: thanks to the “click” being hot air welded to the membrane, there are no penetration leakage points

Secure: the PV racking system is attached directly to the roofing membrane, eliminating the potential for lateral movement and damage

Lightweight: non-ballasted configurations make the system ideal for lightweight roof structures

Trustworthy: incorporates the proven performance of Sarnafil roof assemblies with the innovative PV racking system for long-term performance

Simple: the entire Sika SolaRoof System offers Sika’s single-source warranty of up to 20 years covering the entire roof system and PV racking system

BUILDING TRUST, EVERY DAY

With over 100 years of experience, Sika is a worldwide innovation and sustainability leader in the development and production of systems and products for construction, as well as the marine, automotive, and renewable energy manufacturing industries. Sika has offices in over 100 countries with over 300 manufacturing facilities and more than 27,000 employees worldwide. With annual sales of 9.5+ billion dollars in 2021, our commitment to quality, innovation, and the environment as well as putting our customer’s needs first, encompasses why Sika is a global leader in our industries. Sika, Building Trust.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



SIKA CORPORATION • ROOFING
 100 Dan Road • Canton, MA 02021 • USA
 Tel: 866-255-3738 • Fax: 781-828-5365
usa.sika.com/sarnafil
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BUILDING TRUST



Job #17-0003 1H - By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J8 1 - 86SLH320/160/-93 x 109' 3.000 Special Crimped angle
 Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @109' 1.000 =100.16, Opposite End =100.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	180.00

Uniform Lr load 336 #/ft full length
 Uniform UpLf load -93 #/ft full length
 Uniform SJI load 496 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 109'3"
 Distributed Snow load: 0 #/ft at 98'10" to 275 #/ft at 108'9"
 Uniform Snow load 140 #/ft from 0'0" to 65'0"
 Uniform Live load 0 #/ft full length
 Uniform Snow load 176 #/ft full length

TC conc loads:	Load	Spacing	Location	Point	Type
	200	32'6	32'6	U4	SJI, Dead
	200	14'6	47'0	U6	SJI, Dead
	200	13'4	60'4	U8	SJI, Dead
	200	14'6	74'10	U10	SJI, Dead
		34'5			

BC conc loads:	Load	Spacing	Location	Point	Type
	100	53'8	53'8	L7	SJI, Dead
		55'7			

86.000 in Deep 1307.000 in Design length 7698 # Minimum Shear
 83.723 in Effective Depth 20061 in4 Ix 0 in4 Minimum Ix
 78.000 in Clear Depth L/ 0 Live Defl L/ 422 SJI Defl
 10580147 in-#Moment 1.000 in Chord gap 4.943 in Camber
 167.000 in Interior Panel 70.000 in Left end 77.000 in Right end
 7 Web Vees 30922 # SJI reaction 30661 # SJI reaction

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Top Chord: 2-L82-4.00x375 A = 5.719 Y = 1.138 Fy = 50000 Q = 1.000
 Bridg < 349" Ix= 8.717 Iy= 24.067 Rx = 1.235 Ry = 2.051 Rz = 0.788
 Center: L = 80.000 P = -124750 Pnx/Ω = -144354 M = 10472 12 Fillers
 Second: L = 60.000 P = -50946 Pnz/Ω = -112233 No Fillers
 Tag end panl: L = 70.000 P = -53502 Pnx/Ω = -96287 M = 18569 Filler Req'd
 First point: P = -53502 Pn/Ω = -171563 M = 21661
 Opp end panl: L = 77.000 P = -56674 Pnx/Ω = 129095 M = 22870 Filler Req'd
 Last point: P = -56674 Pn/Ω = -154406 M = 29976
 Chord shear: V = 22215 C = 96390 fv = 7405 fc = 16855 f = 11219

Bearing seats: Tag End 45-2.00x250 Weld 8.57"
 Opposite End 45-2.00x250 Weld 8.57"

Bot Chord: 2-L82-4.00x375 A = 5.719 Y = 1.138 Fy = 50000 Q = 1.000
 Ix= 8.717 Iy= 24.067 Rx = 1.235 Ry = 2.051 Rz = 0.788
 Center: L = 167.000 P = 124517 Pn/Ω = 171563
 Chord shear: V = 29027 T = 75808 fv = 9676 ft = 13256 f = 11728

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av	W-B
T 1	61.5	147.9	29027	60858	2L51-2.50x212	2.030	0.775x	60903	10.9	13.0/13.0	
V 1	39.8	93.7	-3272	-4259	2L30-1.75x125	0.844	0.546x	-6959	1.1	9.5/ 9.5	
C 1	48.2	112.6	-22215	-33349	2L61-3.00x227	2.621	0.934x	-39537	6.0	10.3/10.3	
T 2	49.2	114.9	17730	27150	2L32-1.75x155	1.037	0.541x	31109	5.9	10.6/10.6	
V 2	0.0	73.3	-3431	-3431	2L10-1.25x109	0.521	0.387x	-3556	1.1	8.4/ 8.4	
C 2	47.9	117.3	-12984	-19360	2L51-2.50x212	2.030	0.775x	-21646	3.5	10.3/10.3	
T 3	47.9	117.3	8687	12952	2L30-1.75x125	0.844	0.546x	25313	3.5	10.4/10.4	
V 3	0.0	76.8	-4078	-4078	1L41-2.00x163	0.625	0.395z	-4428	0.8	4.8/ 4.8	
C 3	46.6	119.8	-7698	-11201	2L4C-2.00x232	1.748	0.611x	-11272	2.0	10.2/10.2	
T 4	44.2	114.8	258	360	2L44-2.00x205	1.556	0.615x	46679	1.9	9.9/ 9.9	
V 4	0.0	80.5	-4198	-4198	2L20-1.50x109	0.630	0.467x	-5176	1.3	8.6/ 8.6	

Net Uplift:

Top Chord Center: P = 19705 Pn/Ω = 171563
 Bot Chord Center: P = -19713 Pnz/Ω = -19156 No Fillers
 end Web Diagonal: P = -9677 Pnx/Ω = -10357

Job #17-0003 1H - By SUE 14:42 Entered 10/18/16 Revised 02/07/23

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 Distributed Snow load: 0 #/ft at 98'10" to 275 #/ft at 108'9"
 Uniform Snow load 120 #/ft from 0'0" to 45'8"
 Uniform Live load 0 #/ft full length
 Uniform Snow load 176 #/ft full length

TC conc loads:	Load	Spacing	Location	Point	Type
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	200	14'6	47'0	U6	SJI, Dead
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		34'5			

BC conc loads:	Load	Spacing	Location	Point	Type
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 Center: L = 167.000 P = 124517 Pn/Ω = 171563
 Chord shear: V = 29027 T = 75808 fv = 9676 ft = 13256 f = 11728

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	61.5	147.9	29027	60858	2L51-2.50x212	2.030	0.775x	6090310.9	13.0/13.0	
V 1	39.8	93.7	-3272	-4259	2L30-1.75x125	0.844	0.546x	-6959	1.1	9.5/ 9.5
C 1	48.2	112.6	-22215	-33349	2L61-3.00x227	2.621	0.934x	-39537	6.0	10.3/10.3
T 2	49.2	114.9	17730	27150	2L32-1.75x155	1.037	0.541x	31109	5.9	10.6/10.6
V 2	0.0	73.3	-3431	-3431	2L10-1.25x109	0.521	0.387x	-3556	1.1	8.4/ 8.4
C 2	47.9	117.3	-12984	-19360	2L51-2.50x212	2.030	0.775x	-21646	3.5	10.3/10.3
T 3	47.9	117.3	8687	12952	2L30-1.75x125	0.844	0.546x	25313	3.5	10.4/10.4
V 3	0.0	76.8	-4078	-4078	1L41-2.00x163	0.625	0.395z	-4428	0.8	4.8/ 4.8
C 3	46.6	119.8	-7698	-11201	2L4C-2.00x232	1.748	0.611x	-11272	2.0	10.2/10.2
T 4	44.2	114.8	258	360	2L44-2.00x205	1.556	0.615x	46679	1.9	9.9/ 9.9
V 4	0.0	80.5	-4198	-4198	2L20-1.50x109	0.630	0.467x	-5176	1.3	8.6/ 8.6

Net Uplift:
 Top Chord Center: P = 17586 Pn/Ω = 171563
 Bot Chord Center: P = -17594 Pnz/Ω = -19156 No Fillers
 end Web Diagonal: P = -8636 Pnx/Ω = -10357

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J9 2 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

TC conc loads:

Load	Spacing	Location	Point	Type
200	32'6	32'6	U4	SJI, Dead
200	14'6	47'0	U6	SJI, Dead
200	13'4	60'4	U8	SJI, Dead
200	14'6	74'10	U10	SJI, Dead
	30'5			

BC conc loads:

Load	Spacing	Location	Point	Type
100	53'8	53'8	L7	SJI, Dead
	51'7			

86.000 in Deep 1259.000 in Design length 5142 # Minimum Shear
 84.019 in Effective Depth 14785 in4 Ix 0 in4 Minimum Ix
 79.000 in Clear Depth L/ 0 Live Defl L/ 500 SJI Defl
 7186687 in-#Moment 1.000 in Chord gap 4.587 in Camber
 167.000 in Interior Panel 70.000 in Left end 105.000 in Right end
 7 Web Vees 20558 # SJI reaction 20576 # SJI reaction

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
SYCAMORE, IL
SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

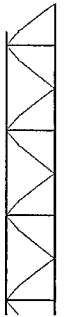
Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
SEE CAMBER DIAGRAM

J9 2 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
angle Single pitch Deep longspan With the peak at 52' 8.000
Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Top Chord: 2-L72-3.50x313 A = 4.186 Y = 0.991 Fy = 50000 Q = 0.987
Bridg < 313" Ix= 4.904 Iy= 14.205 Rx = 1.082 Ry = 1.842 Rz = 0.690
Center: L = 80.000 P = -84443 Pnx/Ω= -99264 M = 7091 11 Fillers
Second: L = 60.000 P = -36217 Pnz/Ω= -71798 Nq Fillers
Tag end panl: L = 70.000 P = -38697 Pnx/Ω= -58959 M = 20644 Filler Reqd
First point: P = -38697 Pn/Ω = -125582 M = 23013
Opp end panl: L = 105.000 P = -28227 Pnx/Ω= 62843 M = 30024 Filler Reqd
Last point: P = -28227 Pn/Ω = -113024 M = 35501
Chord shear: V = 15195 C = 67208 fv = 6935 fc = 16055 f = 10608

Bearing seats: Tag End 45-2.00x250 Weld 6.42"
Opposite End 45-2.00x250 Weld 6.02"

Bot Chord: 2-L72-3.50x313 A = 4.186 Y = 0.991 Fy = 50000 Q = 0.987
Ix= 4.904 Iy= 14.205 Rx = 1.082 Ry = 1.842 Rz = 0.690
Center: L = 167.000 P = 84948 Pn/Ω = 125582
Chord shear: V = 21082 T = 53156 fv = 9622 ft = 12698 f = 11528



Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	61.4	148.0	21082	44060	2L52-2.50x230	2.194	0.772x	65826	7.9	11.1/11.1
V 1	39.7	94.0	-3136	-4075	2L30-1.75x125	0.844	0.546x	-6925	1.1	8.4/ 8.4
C 1	48.1	112.8	-15195	-22761	2L51-2.50x212	2.030	0.775x	-23375	4.1	9.0/ 9.0
T 2	49.1	115.1	12153	18568	2L32-1.75x155	1.037	0.541x	31109	4.0	9.3/ 9.3
V 2	0.0	73.6	-2511	-2511	2L10-1.25x109	0.521	0.387x	-3528	0.8	7.5/ 7.5
C 2	47.8	117.5	-8567	-12747	2L51-2.50x212	2.030	0.775x	-21573	2.3	9.0/ 9.0
T 3	47.8	117.5	5604	8339	2L30-1.75x125	0.844	0.546x	25313	3.4	9.1/ 9.1
V 3	0.0	77.1	-2772	-2772	1L39-2.00x142	0.548	0.396z	-3874	0.7	4.8/ 4.8
C 3	46.5	120.0	-5142	-7468	2L41-2.00x163	1.251	0.621x	-8175	1.5	8.9/ 8.9
T 4	44.1	115.0	202	281	2L39-2.00x142	1.096	0.624x	32870	1.7	8.7/ 8.7
V 4	0.0	80.8	-2850	-2850	2L20-1.50x109	0.630	0.467x	-5138	0.9	7.7/ 7.7

Net Uplift:

Top Chord Center: P = 21941 Pn/Ω = 125582
Bot Chord Center: P = -22132 Pnx/Ω= -264855 Fillers
end Web Diagonal: P = -11167 Pnx/Ω= -11101

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J10 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

BC conc loads:

Load	Spacing	Location	Point	Type
13800	11'0	11'0	L1	SJI
5300	0'0	11'0	L1	Dead
8500	0'0	11'0	L1	Live
100	42'8	53'8	L7	SJI, Dead
13800	40'7	94'3	L13	SJI
5300	0'0	94'3	L13	Dead
8500	0'0	94'3	L13	Live
	11'0			

BOTTOM CHORD ANGLES MUST BE FLUSH

PANEL LOCATION DIFFERS FROM OTHERS SLIGHTLY

86.000 in Deep 1259.000 in Design length 8492 # Minimum Shear
 83.996 in Effective Depth 16165 in4 Ix 0 in4 Minimum Ix
 79.000 in Clear Depth L/2735 Live Defl L/ 422 SJI Defl
 8456012 in-#Moment 1.000 in Chord gap 4.587 in Camber
 167.000 in Interior Panel 70.000 in Left end 105.000 in Right end
 7 Web Vees 33966 # SJI reaction 33968 # SJI reaction.

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

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 SYCAMORE, IL
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 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J10 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Top Chord: 2-L73-3.50x344 A = 4.579 Y = 1.002 Fy = 50000 Q = 1.000
 Bridg < 314" Ix= 5.323 Iy= 15.651 Rx = 1.078 Ry = 1.849 Rz = 0.688
 Center: L = 81.000 P = -99384 Pnx/Ω=-108918 M = 7488 11 Fillers
 Second: L = 60.000 P = -56992 Pnz/Ω= -78822 No Fillers
 Tag end panel: L = 70.000 P = -58407 Pnx/Ω=-100939 M = 20647 Filler Req'd
 First point: P = -58407 Pn/Ω = -137380 M = 23007
 Opp end panel: L = 105.000 P = -44843 Pnx/Ω= 68663 M = 30024 Filler Req'd
 Last point: P = -44843 Pn/Ω = -123642 M = 35502
 Chord shear: V = 14621 C = 85066 fv = 6072 fc = 18576 f = 11097

Bearing seats: Tag End 45-2.00x250 Weld 9.15"
 Opposite End 45-2.00x250 Weld 9.15"

Bot Chord: 2-L73-3.50x344 A = 4.579 Y = 1.002 Fy = 50000 Q = 1.000
 Ix= 5.323 Iy= 15.651 Rx = 1.078 Ry = 1.849 Rz = 0.688
 Center: L = 167.000 P = 100157 Pn/Ω = 137380
 Chord shear: V = 31811 T = 72395 fv = 13211 ft = 15809 f = 15395

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	61.4	148.0	31811	66497	2L53-2.50x250	2.375	0.769x	71250	9.0M	11.0/11.0
V 1	39.7	93.9	-3212	-4174	2L30-1.75x125	0.844	0.546x	-6928	1.1	8.3/ 8.3
C 1	48.1	112.8	-14621	-21905	2L51-2.50x212	2.030	0.775x	-23381	3.9	8.9/ 8.9
T 2	49.1	115.1	11605	17734	2L32-1.75x155	1.037	0.541x	31109	3.9	9.2/ 9.2
V 2	0.0	73.5	-2615	-2615	2L10-1.25x109	0.521	0.387x	-3530	0.8	7.4/ 7.4
C 2	48.1	118.2	-8492	-12715	2L51-2.50x212	2.030	0.775x	-21303	2.3	9.0/ 9.0
T 3	47.4	116.7	8492	12556	2L30-1.75x125	0.844	0.546x	25313	3.4	8.9/ 8.9
V 3	0.0	77.1	-2875	-2875	1L39-2.00x142	0.548	0.396z	-3876	0.7	4.8/ 4.8
C 3	46.2	119.2	-8492	-12262	2L45-2.00x250	1.875	0.609x	-12160	2.2	8.8/ 8.8
T 4	44.5	115.7	198	277	2L4C-2.00x232	1.748	0.611x	52451	2.1	8.7/ 8.7
V 4	0.0	80.8	-2901	-2901	2L20-1.50x109	0.630	0.467x	-5141	0.9	7.7/ 7.7

Net Uplift:
 Top Chord Center: P = 21946 Pn/Ω = 137380
 Bot Chord Center: P = -22136 Pnx/Ω= -287445 Fillers
 end Web Diagonal: P = -11170 Pnx/Ω= -11931

Job #17-0003 1H - By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J11 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

BC conc loads:	Load	Spacing	Location	Point	Type
	100	53'8	53'8	L7	SJI, Dead
86.000 in Deep		51'7			
84.019 in Effective Depth		1259.000	in Design length	5042	# Minimum Shear
79.000 in Clear Depth		14785	in4 Ix	0	in4 Minimum Ix
6999910 in-#Moment		L/ 0	Live Defl	L/ 514	SJI Defl
167.000 in Interior Panel		1.000	in Chord gap	4.587	in Camber
7 Web Vees		70.000	in Left end	105.000	in Right end
		20166	# SJI reaction	20168	# SJI reaction

Top Chord:	2-L72-3.50x313	A =	4.186	Y =	0.991	Fy =	50000	Q =	0.987	
Bridg < 313"	Ix=	4.904	Iy=	14.205	Rx =	1.082	Ry =	1.842	Rz =	0.690
Center:	L =	80.000	P =	-82249	Pnx/Ω=	-99264	M =	7091	11	Fillers
Second:	L =	60.000	P =	-35524	Pnz/Ω=	-71798			No	Fillers
Tag end panl:	L =	70.000	P =	-38004	Pnx/Ω=	-58959	M =	20644	Filler	Reqd
First point:			P =	-38004	Pn/Ω=	-125582	M =	23013		
Opp end panl:	L =	105.000	P =	-27665	Pnx/Ω=	62843	M =	30024	Filler	Reqd
Last point:			P =	-27665	Pn/Ω=	-113024	M =	35501		
Chord shear:	V =	14817	C =	65678	fv =	6763	fc =	15690	f =	10358

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

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 SYCAMORE, IL
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Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

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 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J11 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Bearing seats: Tag End 45-2.00x250 Weld 6.32"
 Opposite End 45-2.00x250 Weld 5.91"

Bot Chord: 2-L72-3.50x313 A = 4.186 Y = 0.991 Fy = 50000 Q = 0.987
 Ix = 4.904 Iy = 14.205 Rx = 1.082 Ry = 1.842 Rz = 0.690

Center: L = 167.000 P = 82702 Pn/Ω = 125582

Chord shear: V = 20705 T = 52042 fv = 9450 ft = 12432 f = 11311

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av	W-B
T 1	61.4	148.0	20705	43271	2L52-2.50x230	2.194	0.772x	65826	7.7	11.1/11.1	
V 1	39.7	94.0	-3133	-4072	2L30-1.75x125	0.844	0.546x	-6925	1.1	8.4/ 8.4	
C 1	48.1	112.8-14817	-22196	-22196	2L51-2.50x212	2.030	0.775x	-23375	4.0	9.0/ 9.0	
T 2	49.1	115.1	11793	18017	2L32-1.75x155	1.037	0.541x	31109	3.9	9.3/ 9.3	
V 2	0.0	73.6	-2508	-2508	2L10-1.25x109	0.521	0.387x	-3528	0.8	7.5/ 7.5	
C 2	47.8	117.5	-8207	-12212	2L45-2.00x250	1.875	0.609x	-12519	2.2	9.1/ 9.1	
T 3	47.8	117.5	5456	8118	2L30-1.75x125	0.844	0.546x	25313	3.4	9.1/ 9.1	
V 3	0.0	77.1	-2764	-2764	1L39-2.00x142	0.548	0.396z	-3874	0.7	4.8/ 4.8	
C 3	46.5	120.0	-5042	-7323	2L41-2.00x163	1.251	0.621x	-8175	1.5	8.9/ 8.9	
T 4	44.1	115.0	202	281	2L39-2.00x142	1.096	0.624x	32870	1.7	8.7/ 8.7	
V 4	0.0	80.8	-2840	-2840	2L20-1.50x109	0.630	0.467x	-5138	0.9	7.7/ 7.7	

Net Uplift:

Top Chord Center: P = 21941 Pn/Ω = 125582
 Bot Chord Center: P = -22132 Pnx/Ω = -264855 Fillers
 end Web Diagonal: P = -11167 Pnx/Ω = -11101

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
SYCAMORE, IL
SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
SEE CAMBER DIAGRAM

J12 2 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
angle Single pitch Deep longspan With the peak at 52' 8.000
Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

TC conc loads:	Load	Spacing	Location	Point	Type
	200	18'0	18'0	U2	SJI, Dead
		87'3			
BC conc loads:	Load	Spacing	Location	Point	Type
	14000	11'0	11'0	L1	SJI
	5500	0'0	11'0	L1	Dead
	8500	0'0	11'0	L1	Live
	100	42'8	53'8	L7	SJI, Dead
	200	28'10	82'6	L11	SJI, Dead
		11'9	94'3	L13	SJI
	14000	0'0	94'3	L13	Dead
	5500	0'0	94'3	L13	Dead
	8500	0'0	94'3	L13	Live
		11'0			

BOTTOM CHORD ANGLES MUST BE FLUSH

86.000 in Deep	1259.000 in Design length	8592 # Minimum Shear
83.985 in Effective Depth	16820 in4 Ix	0 in4 Minimum Ix
79.000 in Clear Depth	L/2845 Live Defl	L/ 434 SJI Defl
8531393 in-#Moment	1.000 in Chord gap	4.587 in Camber
167.000 in Interior Panel	70.000 in Left end	105.000 in Right end
7 Web Vees	34375 # SJI reaction	34359 # SJI reaction

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J12 2 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Top Chord: 2-L74-3.50x375 A = 4.969 Y = 1.013 Fy = 50000 Q = 1.000
 Bridg < 315" Ix= 5.730 Iy= 17.104 Rx = 1.074 Ry = 1.855 Rz = 0.687
 Center: L = 80.000 P = -100283 Pnx/Ω = -118643 M = 7091 11 Fillers
 Second: L = 60.000 P = -57725 Pnz/Ω = -85327 No Fillers
 Tag end panl: L = 70.000 P = -59139 Pnx/Ω = -69758 M = 20644 Filler Reqd
 First point: P = -59139 Pn/Ω = -149063 M = 23013
 Opp end panl: L = 105.000 P = -45387 Pnx/Ω = 74096 M = 30024 Filler Reqd
 Last point: P = -45387 Pn/Ω = -134156 M = 35501
 Chord shear: V = 14815 C = 86006 fv = 5644 fc = 17309 f = 10332

Bearing seats: Tag End 45-2.00x250 Weld 9.26"
 Opposite End 45-2.00x250 Weld 9.26"

Bot Chord: 2-L73-3.50x344 A = 4.579 Y = 1.002 Fy = 50000 Q = 1.000
 Ix= 5.323 Iy= 15.651 Rx = 1.078 Ry = 1.849 Rz = 0.688
 Center: L = 167.000 P = 101068 Pn/Ω = 137380
 Chord shear: V = 32205 T = 73345 fv = 13374 ft = 16017 f = 15588

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	61.4	148.0	32205	67328	2L53-2.50x250	2.375	0.769x	71250	9.1M	10.8/10.8
V 1	39.7	93.9	-3215	-4178	2L30-1.75x125	0.844	0.546x	-6929	1.1	8.2/ 8.2
C 1	48.1	112.8	-14815	-22197	2L51-2.50x212	2.030	0.775x	-23384	4.0	8.9/ 8.9
T 2	49.1	115.1	11595	17720	2L32-1.75x155	1.037	0.541x	31109	3.8	9.1/ 9.1
V 2	0.0	73.5	-2619	-2619	2L10-1.25x109	0.521	0.387x	-3531	0.8	7.4/ 7.4
C 2	47.8	117.5	-8592	-12787	2L51-2.50x212	2.030	0.775x	-21581	2.3	8.8/ 8.8
T 3	47.8	117.5	8592	12787	2L30-1.75x125	0.844	0.546x	25313	3.4	8.9/ 8.9
V 3	0.0	77.1	-2866	-2866	1L39-2.00x142	0.548	0.396z	-3877	0.7	4.8/ 4.8
C 3	46.5	119.9	-8592	-12481	2L51-2.50x212	2.030	0.775x	-20700	2.2	8.7/ 8.7
T 4	44.1	115.0	202	282	2L4C-2.00x232	1.748	0.611x	52451	2.1	8.5/ 8.5
V 4	0.0	80.7	-2934	-2934	2L20-1.50x109	0.630	0.467x	-5142	0.9	7.6/ 7.6

Net Uplift:
 Top Chord Center: P = 21949 Pn/Ω = 149063
 Bot Chord Center: P = -22141 Pnx/Ω = -287445 Fillers
 end Web Diagonal: P = -11171 Pnx/Ω = -11932

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J13 4 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

TC conc loads:	Load	Spacing	Location	Point	Type
	200	18'0	18'0	U2	SJI, Dead
		87'3			
BC conc loads:	Load	Spacing	Location	Point	Type
	200	11'0	11'0	L1	SJI, Dead
	100	42'8	53'8	L7	SJI, Dead
	200	28'10	82'6	L11	SJI, Dead
	200	11'9	94'3	L13	SJI, Dead
		11'0			

86.000 in Deep 1259.000 in Design length 5142 # Minimum Shear
 84.019 in Effective Depth 14785 in4 Ix 0 in4 Minimum Ix
 79.000 in Clear Depth L/ 0 Live Defl L/ 507 SJI Defl
 7075280 in-#Moment 1.000 in Chord gap 4.587 in Camber
 167.000 in Interior Panel 70.000 in Left end 105.000 in Right end
 7 Web Vees 20575 # SJI reaction 20559 # SJI reaction

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SEE CAMBER DIAGRAM

J13 4 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
angle Single pitch Deep longspan With the peak at 52' 8.000
Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Top Chord:	2-L72-3.50x313	A = 4.186	Y = 0.991	Fy = 50000	Q = 0.987
Bridg < 313"	Ix= 4.904	Iy= 14.205	Rx = 1.082	Ry = 1.842	Rz = 0.690
Center:	L = 80.000	P = -83134	Pnx/Ω= -99264	M = 7091	11. Fillers
Second:	L = 60.000	P = -36247	Pnz/Ω= -71798		No Fillers
Tag end panl:	L = 70.000	P = -38727	Pnx/Ω= -58959	M = 20644	Filler Req'd
First point:		P = -38727	Pn/Ω = -125582	M = 23013	
Opp end panl:	L = 105.000	P = -28203	Pnx/Ω= 62843	M = 30024	Filler Req'd
Last point:		P = -28203	Pn/Ω = -113024	M = 35501	
Chord shear:	V = 15011	C = 66606	fv = 6851	fc = 15911	f = 10499

Bearing seats: Tag End 45-2.00x250 Weld 6.43"
Opposite End 45-2.00x250 Weld 6.01"

Bot Chord:	2-L72-3.50x313	A = 4.186	Y = 0.991	Fy = 50000	Q = 0.987
	Ix= 4.904	Iy= 14.205	Rx = 1.082	Ry = 1.842	Rz = 0.690
Center:	L = 167.000	P = 83596	Pn/Ω = 125582		
Chord shear:	V = 21099	T = 52981	fv = 9630	ft = 12657	f = 11523

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	61.4	148.0	21099	44094	2L52-2.50x230	2.194	0.772x	65826	7.9	11.1/11.1
V 1	39.7	94.0	-3136	-4075	2L30-1.75x125	0.844	0.546x	-6925	1.1	8.4/ 8.4
C 1	48.1	112.8	-15011	-22486	2L51-2.50x212	2.030	0.775x	-23375	4.0	9.0/ 9.0
T 2	49.1	115.1	11782	18002	2L32-1.75x155	1.037	0.541x	31109	3.9	9.3/ 9.3
V 2	0.0	73.6	-2512	-2512	2L10-1.25x109	0.521	0.387x	-3528	0.8	7.5/ 7.5
C 2	47.8	117.5	-8196	-12196	2L45-2.00x250	1.875	0.609x	-12519	2.2	9.1/ 9.1
T 3	47.8	117.5	5446	8104	2L30-1.75x125	0.844	0.546x	25313	3.4	9.1/ 9.1
V 3	0.0	77.1	-2769	-2769	1L39-2.00x142	0.548	0.396z	-3874	0.7	4.8/ 4.8
C 3	46.5	120.0	-5142	-7468	2L41-2.00x163	1.251	0.621x	-8175	1.5	8.9/ 8.9
T 4	44.1	115.0	202	281	2L39-2.00x142	1.096	0.624x	32870	1.7	8.7/ 8.7
V 4	0.0	80.8	-2844	-2844	2L20-1.50x109	0.630	0.467x	-5138	0.9	7.7/ 7.7

Net Uplift:

Top Chord Center: P = 21941 Pn/Ω = 125582
Bot Chord Center: P = -22132 Pnx/Ω= -264855 Fillers
end Web Diagonal: P = -11167 Pnx/Ω= -11101

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
SYCAMORE, IL
SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

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4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
SEE CAMBER DIAGRAM

J14 4 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
angle Single pitch Deep longspan With the peak at 52' 8.000
Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

TC conc loads:	Load	Spacing	Location	Point	Type
	200	18'0	18'0	U2	SJI, Dead
		87'3			
BC conc loads:	Load	Spacing	Location	Point	Type
	14000	11'0	11'0	L1	SJI
	5500	0'0	11'0	L1	Dead
	8500	0'0	11'0	L1	Live
	500	0'0	11'0	L1	Wind
	100	42'8	53'8	L7	SJI, Dead
	200	28'10	82'6	L11	SJI, Dead
	14000	11'9	94'3	L13	SJI
	5500	0'0	94'3	L13	Dead
	8500	0'0	94'3	L13	Live
	500	0'0	94'3	L13	Wind
		11'0			

BOTTOM CHORD ANGLES MUST BE FLUSH
PANEL LOCATION DIFFERS FROM OTHERS SLIGHTLY

Job #17-0003 1H -

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 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J14 4 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

86.000 in Deep	1259.000 in Design length	8592 # Minimum Shear
83.996 in Effective Depth	16165 in4 Ix	0 in4 Minimum Ix
79.000 in Clear Depth	L/2735 Live Defl	L/ 417 SJI Defl
8531382 in-#Moment	1.000 in;Chord gap	4.587 in Camber
167.000 in Interior Panel	70.000 in Left end	105.000 in Right end
7 Web Vees	34375 # SJI reaction	34359 # SJI reaction

<u>Top Chord:</u> 2-L73-3.50x344	A = 4.579	Y = 1.002	Fy = 50000	Q = 1.000
Bridg < 314"	Ix= 5.323	Iy= 15.651	Rx = 1.078	Ry = 1.849
Center: L = 82.000	P = -100270	Pnx/Ω= -108291	M = 7883	Rz = 0.688
Second: L = 60.000	P = -57716	Pnz/Ω= -78822		11 Fillers
Tag end panl: L = 70.000	P = -59130	Pnx/Ω= -100939	M = 20650	No Fillers
First point:	P = -59130	Pn/Ω = -137380	M = 23001	Filler Req'd
Opp end panl: L = 105.000	P = -45382	Pnx/Ω= 68663	M = 30024	Filler Req'd
Last point:	P = -45382	Pn/Ω = -123642	M = 35502	
Chord shear: V = 14815	C = 85993	fv = 6152	fc = 18779	f = 11225

Bearing seats: Tag End 45-2.00x250 Weld 9.26"
 Opposite End 45-2.00x250 Weld 9.26"

<u>Bot Chord:</u> 2-L73-3.50x344	A = 4.579	Y = 1.002	Fy = 50000	Q = 1.000
	Ix= 5.323	Iy= 15.651	Rx = 1.078	Ry = 1.849
Center: L = 167.000	P = 101048	Pn/Ω = 137380		Rz = 0.688

Chord shear: V = 32205	T = 73334	fv = 13374	ft = 16014	f = 15588					
<u>Web Angl</u>	<u>Lngh</u>	<u>Shear</u>	<u>Force</u>	<u>Member</u>	<u>Area</u>	<u>R</u>	<u>Pn/Ω</u>	<u>Weld</u>	<u>T-AvLW-B</u>
T 1 61.4	148.0	32205	67320	2L53-2.50x250	2.375	0.769x	71250	9.1M	11.0/11.0
V 1 39.7	93.9	-3215	-4178	2L30-1.75x125	0.844	0.546x	-6928	1.1	8.3/ 8.3
C 1 48.1	112.8	-14815	-22196	2L51-2.50x212	2.030	0.775x	-23381	4.0	8.9/ 8.9
T 2 49.1	115.1	11595	17718	2L32-1.75x155	1.037	0.541x	31109	3.8	9.2/ 9.2
V 2 0.0	73.5	-2619	-2619	2L10-1.25x109	0.521	0.387x	-3530	0.8	7.4/ 7.4
C 2 48.4	119.0	-8592	-12944	2L51-2.50x212	2.030	0.775x	-21032	2.3	9.0/ 9.0
T 3 47.1	116.0	8592	12622	2L30-1.75x125	0.844	0.546x	25313	3.4	8.9/ 8.9
V 3 0.0	77.1	-2894	-2894	1L39-2.00x142	0.548	0.396z	-3876	0.7	4.8/ 4.8
C 3 45.8	118.5	-8592	-12333	2L45-2.00x250	1.875	0.609x	-12311	2.2	8.8/ 8.8
T 4 44.8	116.3	193	272	2L45-2.00x250	1.875	0.609x	56250	2.2	8.7/ 8.7
V 4 0.0	80.8	-2878	-2878	2L20-1.50x109	0.630	0.467x	-5141	0.9	7.7/ 7.7

Net Uplift:

Top Chord Center: P = 21946 Pn/Ω = 137380
 Bot Chord Center: P = -22133 Pnx/Ω= -287445 Fillers
 end Web Diagonal: P = -11170 Pnx/Ω= -11931

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
SYCAMORE, IL
SEQ #1 - GYMNASIUM

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Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
SEE CAMBER DIAGRAM

J15 2 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
angle Single pitch Deep longspan With the peak at 52' 8.000
Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

TC conc loads:

Load	Spacing	Location	Point	Type
200	32'6	32'6	U4	SJI, Dead
200	14'6	47'0	U6	SJI, Dead
200	13'4	60'4	U8	SJI, Dead
200	14'6	74'10	U10	SJI, Dead
	30'5			

BC conc loads:

Load	Spacing	Location	Point	Type
100	53'8	53'8	L7	SJI, Dead
	51'7			

86.000 in Deep 1259.000 in Design length 5142 # Minimum Shear
 84.019 in Effective Depth 14785 in4 Ix 0 in4 Minimum Ix
 79.000 in Clear Depth L/ 0 Live Defl L/ 500 SJI Defl
 7186687 in-#Moment 1.000 in Chord gap 4.587 in Camber
 167.000 in Interior Panel 70.000 in Left end 105.000 in Right end
 7 Web Vees 20558 # SJI reaction 20576 # SJI reaction

Job #17-0003 1H - By SUE 14:42 Entered 10/18/16 Revised 02/07/23

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 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J15 2 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Top Chord: 2-L72-3.50x313 A = 4.186 Y = 0.991 Fy = 50000 Q = 0.987
 Bridg < 313" Ix= 4.904 Iy= 14.205 Rx = 1.082 Ry = 1.842 Rz = 0.690
 Center: L = 80.000 P = -84443 Pnx/Ω= -99264 M = 7091 11 Fillers
 Second: L = 60.000 P = -36217 Pnz/Ω= -71798 No Fillers
 Tag end panl: L = 70.000 P = -38697 Pnx/Ω= -58959 M = 20644 Filler Req'd
 First point: P = -38697 Pn/Ω = -125582 M = 23013
 Opp end panl: L = 105.000 P = -28227 Pnx/Ω= 62843 M = 30024 Filler Req'd
 Last point: P = -28227 Pn/Ω = -113024 M = 35501
 Chord shear: V = 15195 C = 67208 fv = 6935 fc = 16055 f = 10608

Bearing seats: Tag End 45-2.00x250 Weld 6.42"
 Opposite End 45-2.00x250 Weld 6.02"

Bot Chord: 2-L72-3.50x313 A = 4.186 Y = 0.991 Fy = 50000 Q = 0.987
 Ix= 4.904 Iy= 14.205 Rx = 1.082 Ry = 1.842 Rz = 0.690
 Center: L = 167.000 P = 84948 Pn/Ω = 125582
 Chord shear: V = 21082 T = 53156 fv = 9622 ft = 12698 f = 11528

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av	W-B
T 1	61.4	148.0	21082	44060	2L52-2.50x230	2.194	0.772x	65826	7.9	11.1/11.1	
V 1	39.7	94.0	-3136	-4075	2L30-1.75x125	0.844	0.546x	-6925	1.1	8.4/ 8.4	
C 1	48.1	112.8	-15195	-22761	2L51-2.50x212	2.030	0.775x	-23375	4.1	9.0/ 9.0	
T 2	49.1	115.1	12153	18568	2L32-1.75x155	1.037	0.541x	31109	4.0	9.3/ 9.3	
V 2	0.0	73.6	-2511	-2511	2L10-1.25x109	0.521	0.387x	-3528	0.8	7.5/ 7.5	
C 2	47.8	117.5	-8567	-12747	2L51-2.50x212	2.030	0.775x	-21573	2.3	9.0/ 9.0	
T 3	47.8	117.5	5604	8339	2L30-1.75x125	0.844	0.546x	25313	3.4	9.1/ 9.1	
V 3	0.0	77.1	-2772	-2772	1L39-2.00x142	0.548	0.396z	-3874	0.7	4.8/ 4.8	
C 3	46.5	120.0	-5142	-7468	2L41-2.00x163	1.251	0.621x	-8175	1.5	8.9/ 8.9	
T 4	44.1	115.0	202	281	2L39-2.00x142	1.096	0.624x	32870	1.7	8.7/ 8.7	
V 4	0.0	80.8	-2850	-2850	2L20-1.50x109	0.630	0.467x	-5138	0.9	7.7/ 7.7	

Net Uplift:
 Top Chord Center: P = 21941 Pn/Ω = 125582
 Bot Chord Center: P = -22132 Pnx/Ω= -264855 Fillers
 end Web Diagonal: P = -11167 Pnx/Ω= -11101

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J16 2 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLr load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

TC conc loads:

Load	Spacing	Location	Point	Type
200	32'6	32'6	U4	SJI, Dead
200	14'6	47'0	U6	SJI, Dead
200	13'4	60'4	U8	SJI, Dead
200	7'3	67'7	U9	SJI, Dead
	37'8			

BC conc loads:

Load	Spacing	Location	Point	Type
13800	11'0	11'0	L1	SJI
5300	0'0	11'0	L1	Dead
8500	0'0	11'0	L1	Live
100	42'8	53'8	L7	SJI, Dead
13800	40'7	94'3	L13	SJI
5300	0'0	94'3	L13	Dead
8500	0'0	94'3	L13	Live
	11'0			

BOTTOM CHORD ANGLES MUST BE FLUSH

86.000 in Deep	1259.000 in Design length	8592 # Minimum Shear
83.985 in Effective Depth	16820 in 4 Ix	0 in 4 Minimum Ix
79.000 in Clear Depth	L/2845 Live Defl	L/ 429 SJI Defl
8651764 in-#Moment	1.000 in Chord gap	4.587 in Camber
167.000 in Interior Panel	70.000 in Left end	105.000 in Right end
7 Web Vees	34372 # SJI reaction	34362 # SJI reaction

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J16 2 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Top Chord: 2-L74-3.50x375 A = 4.969 Y = 1.013 Fy = 50000 Q = 1.000
 Bridg < 315" Ix= 5.730 Iy= 17.104 Rx = 1.074 Ry = 1.855 Rz = 0.687
 Center: L = 80.000 P = -101698 Pnx/Ω = -118643 M = 7091 11 Fillers
 Second: L = 60.000 P = -57719 Pnz/Ω = -85327 No Fillers
 Tag end panl: L = 70.000 P = -59134 Pnx/Ω = -69758 M = 20644 Filler Req'd
 First point: P = -59134 Pn/Ω = -149063 M = 23013
 Opp end panl: L = 105.000 P = -45391 Pnx/Ω = 74096 M = 30024 Filler Req'd
 Last point: P = -45391 Pn/Ω = -134156 M = 35501
 Chord shear: V = 15012 C = 86663 fv = 5719 fc = 17442 f = 10429

Bearing seats: Tag End 45-2.00x250 Weld 9.26"
 Opposite End 45-2.00x250 Weld 9.26"

Bot Chord: 2-L73-3.50x344 A = 4.579 Y = 1.002 Fy = 50000 Q = 1.000
 Ix= 5.323 Iy= 15.651 Rx = 1.078 Ry = 1.849 Rz = 0.688
 Center: L = 167.000 P = 102514 Pn/Ω = 137380
 Chord shear: V = 32202 T = 73559 fv = 13373 ft = 16063 f = 15599

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Avl	W-B
T 1	61.4	148.0	32202	67322	2L53-2.50x250	2.375	0.769x	71250	9.1M	10.8/10.8	
V 1	39.7	93.9	-3215	-4178	2L30-1.75x125	0.844	0.546x	-6929	1.1	8.2/ 8.2	
C 1	48.1	112.8	-15012	-22493	2L51-2.50x212	2.030	0.775x	-23384	4.0	8.9/ 8.9	
T 2	49.1	115.1	11978	18305	2L32-1.75x155	1.037	0.541x	31109	4.0	9.1/ 9.1	
V 2	0.0	73.5	-2619	-2619	2L10-1.25x109	0.521	0.387x	-3531	0.8	7.4/ 7.4	
C 2	47.8	117.5	-8592	-12787	2L51-2.50x212	2.030	0.775x	-21581	2.3	8.8/ 8.8	
T 3	47.8	117.5	8592	12787	2L30-1.75x125	0.844	0.546x	25313	3.4	8.9/ 8.9	
V 3	0.0	77.1	-2869	-2869	1L39-2.00x142	0.548	0.396z	-3877	0.7	4.8/ 4.8	
C 3	46.5	119.9	-8592	-12481	2L51-2.50x212	2.030	0.775x	-20700	2.2	8.7/ 8.7	
T 4	44.1	115.0	202	282	2L4C-2.00x232	1.748	0.611x	52451	2.1	8.5/ 8.5	
V 4	0.0	80.7	-2940	-2940	2L20-1.50x109	0.630	0.467x	-5142	0.9	7.6/ 7.6	

Net Uplift:
 Top Chord Center: P = 21949 Pn/Ω = 149063
 Bot Chord Center: P = -22141 Pnx/Ω = -287445 Fillers
 end Web Diagonal: P = -11171 Pnx/Ω = -11932

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
SYCAMORE, IL
SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
SEE CAMBER DIAGRAM

J17 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
angle Single pitch Deep longspan With the peak at 52' 8.000
Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 90 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 90 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 90 #/ft from 0'0" to 11'0"
 Uniform Dead load 90 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

TC conc loads:	Load	Spacing	Location	Point	Type
	600	32'6	32'6	U4	SJI, Dead
	600	14'6	47'0	U6	SJI, Dead
	600	13'4	60'4	U8	SJI, Dead
	600	7'3	67'7	U9	SJI, Dead
		37'8			

86.000 in Deep 1259.000 in Design length 5433 # Minimum Shear
 83.996 in Effective Depth 16165 in4 Ix 0 in4 Minimum Ix
 79.000 in Clear Depth L/ 0 Live Defl L/ 510 SJI Defl
 7722091 in-#Moment 1.000 in Chord gap 4.587 in Camber
 167.000 in Interior Panel 70.000 in Left end 105.000 in Right end
 7 Web Vees 21751 # SJI reaction 21715 # SJI reaction

Top Chord: 2-L73-3.50x344	A = 4.579	Y = 1.002	Fy = 50000	Q = 1.000
Bridg < 314"	Ix= 5.323	Iy= 15.651	Rx = 1.078	Ry = 1.849
Center: L = 80.000	P = -90758	Pnx/Ω=-109540	M = 7091	Rz = 0.688
Second: L = 60.000	P = -38433	Pnz/Ω= -78822		11: Fillers
Tag end panl: L = 70.000	P = -40958	Pnx/Ω= -64494	M = 20938	No Fillers
First point:	P = -40958	Pn/Ω= -137380	M = 23445	Filler Req'd
Opp end panl: L =105.000	P = -29894	Pnx/Ω= 68663	M = 30721	Filler Req'd
Last point:	P = -29894	Pn/Ω= -123642	M = 36405	
Chord shear: V = 16270	C = 71818	fv = 6757	fc = 15683	f = 10351

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
SYCAMORE, IL
SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
SEE CAMBER DIAGRAM

J17 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
angle Single pitch Deep longspan With the peak at 52' 8.000
Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Bearing seats: Tag End 45-2.00x250 Weld 6.77"
Opposite End 45-2.00x250 Weld 6.35"

Bot Chord: 2-L73-3.50x344 A = 4.579 Y = 1.002 Fy = 50000 Q = 1.000
Ix = 5.323 Iy = 15.651 Rx = 1.078 Ry = 1.849 Rz = 0.688

Center: L = 167.000 P = 91355 Pn/Ω = 137380
Chord shear: V = 22307 T = 56576 fv = 9264 ft = 12355 f = 11134

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av	LW-B
T 1	61.4	148.0	22307	46630	2L52-2.50x230	2.194	0.772x	65826	8.4	11.0/11.0	
V 1	39.7	93.9	-3198	-4156	2L30-1.75x125	0.844	0.546x	-6928	1.1	8.3/ 8.3	
C 1	48.1	112.8	-16270	-24376	2L52-2.50x230	2.194	0.772x	-25192	4.4	8.9/ 8.9	
T 2	49.1	115.1	13178	20137	2L32-1.75x155	1.037	0.541x	31109	4.4	9.2/ 9.2	
V 2	0.0	73.5	-2548	-2548	2L10-1.25x109	0.521	0.387x	-3530	0.8	7.4/ 7.4	
C 2	47.8	117.5	-9448	-14061	2L51-2.50x212	2.030	0.775x	-21579	2.5	8.9/ 8.9	
T 3	47.8	117.5	6055	9011	2L30-1.75x125	0.844	0.546x	25313	3.4	9.0/ 9.0	
V 3	0.0	77.1	-2795	-2795	1L39-2.00x142	0.548	0.396z	-3876	0.7	4.8/ 4.8	
C 3	46.5	119.9	-5433	-7892	2L41-2.00x163	1.251	0.621x	-8177	1.6	8.8/ 8.8	
T 4	44.1	115.0	202	282	2L39-2.00x142	1.096	0.624x	32870	1.8	8.6/ 8.6	
V 4	0.0	80.8	-2881	-2881	2L20-1.50x109	0.630	0.467x	-5141	0.9	7.7/ 7.7	

Net Uplift:

Top Chord Center: P = 21946 Pn/Ω = 137380
Bot Chord Center: P = -22138 Pn/Ω = -287445 Fillers
end Web Diagonal: P = -11170 Pn/Ω = -11102

Job #17-0003 1H - By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J18 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Distributed Snow load: 288 #/ft at 0'0" to 0 #/ft at 11'6"
 Uniform Live load 0 #/ft full length

TC conc loads:

Load	Spacing	Location	Point	Type
200	32'6	32'6	U4	SJI, Dead
200	14'6	47'0	U6	SJI, Dead
200	13'4	60'4	U8	SJI, Dead
200	7'3	67'7	U9	SJI, Dead
	37'8			

BC conc loads:

Load	Spacing	Location	Point	Type
13800	11'0	11'0	L1	SJI
5300	0'0	11'0	L1	Dead
8500	0'0	11'0	L1	Live
100	42'8	53'8	L7	SJI, Dead
13800	40'7	94'3	L13	SJI
5300	0'0	94'3	L13	Dead
8500	0'0	94'3	L13	Live
	11'0			

BOTTOM CHORD ANGLES MUST BE FLUSH

86.000 in Deep	1259.000 in Design length	8592 # Minimum Shear
83.985 in Effective Depth	16820 in 4 Ix	0 in 4 Minimum Ix
79.000 in Clear Depth	L/2845 Live Defl	L/ 429 SJI Defl
8651764 in-#Moment	1.000 in Chord gap	4.587 in Camber
167.000 in Interior Panel	70.000 in Left end	105.000 in Right end
7 Web Vees	34372 # SJI reaction	34362 # SJI reaction

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J18 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

<u>Top Chord:</u>	2-L74-3.50x375	A = 4.969	Y = 1.013	Fy = 50000	Q = 1.000
<u>Bridg < 315"</u>	Ix= 5.730	Iy= 17.104	Rx = 1.074	Ry = 1.855	Rz = 0.687
Center:	L = 80.000	P = -101698	Pnx/Ω = -118643	M = 7091	11 Fillers
Second:	L = 60.000	P = -57719	Pnz/Ω = -85327		No Fillers
Tag end panl:	L = 70.000	P = -59134	Pnx/Ω = -69758	M = 20644	Filler Req'd
First point:		P = -59134	Pn/Ω = -149063	M = 23013	
Opp end panl:	L = 105.000	P = -45391	Pnx/Ω = 74096	M = 30024	Filler Req'd
Last point:		P = -45391	Pn/Ω = -134156	M = 35501	
Chord shear:	V = 15012	C = 86663	fv = 5719	fc = 17442	f = 10429

Bearing seats: Tag End 45-2.00x250 Weld 9.26"
 Opposite End 45-2.00x250 Weld 9.26"

<u>Bot Chord:</u>	2-L73-3.50x344	A = 4.579	Y = 1.002	Fy = 50000	Q = 1.000
	Ix= 5.323	Iy= 15.651	Rx = 1.078	Ry = 1.849	Rz = 0.688
Center:	L = 167.000	P = 102514	Pn/Ω = 137380		
Chord shear:	V = 32202	T = 73559	fv = 13373	ft = 16063	f = 15599

	Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Avl	W-B
	T 1	61.4	148.0	32202	67322	2L53-2.50x250	2.375	0.769x	71250	9.1M	10.8/10.8	
	V 1	39.7	93.9	-3215	-4178	2L30-1.75x125	0.844	0.546x	-6929	1.1	8.2/ 8.2	
	C 1	48.1	112.8	-15012	-22493	2L51-2.50x212	2.030	0.775x	-23384	4.0	8.9/ 8.9	
	T 2	49.1	115.1	11978	18305	2L32-1.75x155	1.037	0.541x	31109	4.0	9.1/ 9.1	
	V 2	0.0	73.5	-2619	-2619	2L10-1.25x109	0.521	0.387x	-3531	0.8	7.4/ 7.4	
	C 2	47.8	117.5	-8592	-12787	2L51-2.50x212	2.030	0.775x	-21581	2.3	8.8/ 8.8	
	T 3	47.8	117.5	8592	12787	2L30-1.75x125	0.844	0.546x	25313	3.4	8.9/ 8.9	
	V 3	0.0	77.1	-2869	-2869	1L39-2.00x142	0.548	0.396z	-3877	0.7	4.8/ 4.8	
	C 3	46.5	119.9	-8592	-12481	2L51-2.50x212	2.030	0.775x	-20700	2.2	8.7/ 8.7	
	T 4	44.1	115.0	202	282	2L4C-2.00x232	1.748	0.611x	52451	2.1	8.5/ 8.5	
	V 4	0.0	80.7	-2940	-2940	2L20-1.50x109	0.630	0.467x	-5142	0.9	7.6/ 7.6	

Net Uplift:

Top Chord Center: P = 21949 Pn/Ω = 149063
 Bot Chord Center: P = -22141 Pnx/Ω = -287445 Fillers
 end Web Diagonal: P = -11171 Pnx/Ω = -11932

Job #17-0003 1H - By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19'-6" AND 86'-4" FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21'-10" 1/4, 43'-8" 1/2, 65'-4" 3/4, & 88'-0" FTE
 SEE CAMBER DIAGRAM

J19 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -112 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Uniform Snow load 120 #/ft from 0'0" to 45'8"
 Uniform Live load 0 #/ft full length

TC conc loads:

Load	Spacing	Location	Point	Type
200	32'6"	32'6"	U4	SJI, Dead
200	14'6"	47'0"	U6	SJI, Dead
200	13'4"	60'4"	U8	SJI, Dead
200	7'3"	67'7"	U9	SJI, Dead
	37'8"			

BC conc loads:

Load	Spacing	Location	Point	Type
100	53'8"	53'8"	L7	SJI, Dead
	51'7"			

86.000 in Deep 1259.000 in Design length 5142 # Minimum Shear
 83.985 in Effective Depth 16820 in4 Ix 0 in4 Minimum Ix
 79.000 in Clear Depth L/ 0 Live Defl L/ 569 SJI Defl
 7899826 in-#Moment 1.000 in Chord gap 4.587 in Camber
 167.000 in Interior Panel 70.000 in Left end 105.000 in Right end
 7 Web Vees 20572 # SJI reaction 20562 # SJI reaction

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J19 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Top Chord: 2-L74-3.50x375 A = 4.969 Y = 1.013 Fy = 50000 Q = 1.000
 Bridg < 315" Ix= 5.730 Iy= 17.104 Rx = 1.074 Ry = 1.855 Rz = 0.687
 Center: L = 87.000 P = -93609 Pnx/Ω=-113798 M = 11552 11 Fillers
 Second: L = 60.000 P = -41824 Pnz/Ω= -85327 No Fillers
 Tag end panl: L = 70.000 P = -44194 Pnx/Ω= -69758 M = 17262 Filler Req'd
 First point: P = -44194 Pn/Ω = -149063 M = 20192
 Opp end panl: L = 105.000 P = -29797 Pnx/Ω= 74096 M = 30024 Filler Req'd
 Last point: P = -29797 Pn/Ω = -134156 M = 35501
 Chord shear: V = 17706 C = 77435 fv = 6745 fc = 15584 f = 10306

Bearing seats: Tag End 45-2.00x250 Weld 7.15"
 Opposite End 45-2.00x250 Weld 6.32"

Bot Chord: 2-L73-3.50x344 A = 4.579 Y = 1.002 Fy = 50000 Q = 1.000
 Ix= 5.323 Iy= 15.651 Rx = 1.078 Ry = 1.849 Rz = 0.688
 Center: L = 167.000 P = 94610 Pn/Ω = 137380
 Chord shear: V = 24066 T = 61571 fv = 9994 ft = 13446 f = 12045

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	61.4	148.0	24066	50313	2L52-2.50x230	2.194	0.772x	65826	9.0	10.8/10.8
V 1	39.7	93.9	-3024	-3930	2L30-1.75x125	0.844	0.546x	-6929	1.1	8.2/ 8.2
C 1	48.1	112.8	-17706	-26530	2L53-2.50x250	2.375	0.769x	-27160	4.8	8.9/ 8.9
T 2	49.1	115.1	13713	20956	2L32-1.75x155	1.037	0.541x	31109	4.6	9.1/ 9.1
V 2	0.0	73.5	-3145	-3145	2L10-1.25x109	0.521	0.387x	-3531	1.0	7.4/ 7.4
C 2	47.8	117.5	-9257	-13777	2L51-2.50x212	2.030	0.775x	-21581	2.5	8.8/ 8.8
T 3	47.8	117.5	5500	8186	2L30-1.75x125	0.844	0.546x	25313	3.4	8.9/ 8.9
V 3	0.0	77.1	-3693	-3693	1L39-2.00x142	0.548	0.396z	-3877	0.9	4.8/ 4.8
C 3	46.5	119.9	-5142	-7469	2L41-2.00x163	1.251	0.621x	-8178	1.5	8.7/ 8.7
T 4	44.1	115.0	202	282	2L39-2.00x142	1.096	0.624x	32870	1.7	8.5/ 8.5
V 4	0.0	80.7	-3774	-3774	2L20-1.50x109	0.630	0.467x	-5142	1.2	7.6/ 7.6

Net Uplift:

Top Chord Center: P = 21528 Pn/Ω = 149063
 Bot Chord Center: P = -22141 Pnx/Ω= -287445 Fillers
 end Web Diagonal: P = -11171 Pnx/Ω= -11103

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J20 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	6.000	7.500	0.251			2 10' 0.000	0.251	132.00
Opp	6.000	7.500	-0.251			2 10' 0.000	-0.251	132.00

Uniform Lr load 160 #/ft full length
 Uniform UpLf load -76 #/ft full length
 Uniform SJI load 320 #/ft full length
 Uniform Dead load 160 #/ft full length
 Uniform Dead load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform SJI load 80 #/ft from 11'0" to 94'3" on the Bottom chord.
 Uniform Dead load 80 #/ft from 0'0" to 11'0"
 Uniform Dead load 80 #/ft from 94'3" to 105'3"
 Uniform Snow load 176 #/ft full length
 Uniform Snow load 195 #/ft full length
 Uniform Live load 0 #/ft full length

BC conc loads:	Load	Spacing	Location	Point	Type
	100	53'8			
		51'7	53'8	L7	SJI, Dead

86.000 in Deep 1259.000 in Design length 5042 # Minimum Shear
 83.723 in Effective Depth 20061 in4 Ix 0 in4 Minimum Ix
 78.000 in Clear Depth L/ 0 Live Defl L/ 698 SJI Defl
 10218888 in-#Moment 1.000 in Chord gap 4.587 in Camber
 167.000 in Interior Panel 70.000 in Left end 105.000 in Right end
 7 Web Vees 20166 # SJI reaction 20168 # SJI reaction

Top Chord:	2-L82-4.00x375	A = 5.719	Y = 1.138	Fy = 50000	Q = 1.000
Bridg < 349"	Ix= 8.717	Iy= 24.067	Rx = 1.235	Ry = 2.051	Rz = 0.788
Center:	L = 80.000	P = -120490	Pnx/Ω= -144354	M = 11207	11 Fillers
Second:	L = 60.000	P = -51098	Pnz/Ω= -112233		No Fillers
Tag end panl:	L = 70.000	P = -53809	Pnx/Ω= -96287	M = 19713	Filler Reqd
First point:		P = -53809	Pn/Ω= -171563	M = 22947	
Opp end panl:	L = 105.000	P = -40662	Pnx/Ω= 101100	M = 44214	Filler Reqd
Last point:		P = -40662	Pn/Ω= -154406	M = 51911	
Chord shear:	V = 21985	C = 95748	fv = 7328	fc = 16743	f = 11126

Job #17-0003 1H -

By SUE 14:42 Entered 10/18/16 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM. CENTER
 SYCAMORE, IL
 SEQ #1 - GYMNASIUM

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: MOVE WORK POINT TO ZERO - BOTH ENDS
 28" DIAMETER DUCT MUST FIT AT 19-6 AND 86-4 FTE OAL - SHOP VERIFY
 4 ROWS 11/16 LARGE CLIP @ 21-10 1/4, 43-8 1/2, 65-4 3/4, & 88-0 FTE
 SEE CAMBER DIAGRAM

J20 1 - 86SLH320/160/-112 x 105' 3.000 Special Crimped
 angle Single pitch Deep longspan With the peak at 52' 8.000
 Tag End = 72.82, Peak @105' 1.000 = 99.16, Opposite End = 99.16 inches Deep.

Bearing seats: Tag End 45-2.00x250 Weld 8.65"
 Opposite End 45-2.00x250 Weld 8.65"

Bot Chord: 2-L82-4.00x375 A = 5.719 Y = 1.138 Fy = 50000 Q = 1.000
 Ix = 8.717 Iy = 24.067 Rx = 1.235 Ry = 2.051 Rz = 0.788

Center: L = 167.000 P = 121222 Pn/Ω = 171563

Chord shear: V = 29194 T = 75703 fv = 9731 ft = 13238 f = 11769

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av	LW-B
T 1	61.5	147.9	29194	61208	2L51-2.50x212	2.030	0.775x	60903	11.0	13.0	13.0
V 1	39.8	93.7	-3460	-4503	2L30-1.75x125	0.844	0.546x	-6959	1.2	9.5	9.5
C 1	48.2	112.6	-21985	-33004	2L61-3.00x227	2.621	0.934x	-39537	5.9	10.3	10.3
T 2	49.2	114.9	17268	26442	2L32-1.75x155	1.037	0.541x	31109	5.7	10.6	10.6
V 2	0.0	73.3	-3641	-3641	2L13-1.25x125	0.594	0.385x	-4024	1.0	8.4	8.4
C 2	47.9	117.3	-12268	-18292	2L51-2.50x212	2.030	0.775x	-21646	3.3	10.3	10.3
T 3	47.9	117.3	7950	11855	2L30-1.75x125	0.844	0.546x	25313	3.4	10.4	10.4
V 3	0.0	76.8	-4328	-4328	1L41-2.00x163	0.625	0.395z	-4428	0.9	4.8	4.8
C 3	46.6	119.8	-5042	-7336	2L41-2.00x163	1.251	0.621x	-8203	1.5	10.2	10.2
T 4	44.2	114.8	138	193	2L39-2.00x142	1.096	0.624x	32870	1.7	9.9	9.9
V 4	0.0	80.5	-4440	-4440	2L20-1.50x109	0.630	0.467x	-5176	1.4	8.6	8.6

Net Uplift:

Top Chord Center: P = 14941 Pn/Ω = 171563
 Bot Chord Center: P = -15072 Pnz/Ω = -19156 No Fillers
 end Web Diagonal: P = -7601 Pnx/Ω = -10357

Job #17-0003 2L -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J21 3 - 16K2/0/-40 x 26'11.000 Rod web Parallel chord Shortspan

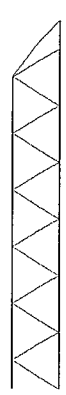
End Tag	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Opp	5.000	2.500						29.500
Tag	5.000	2.500						29.500

Uniform UpLf load -40 #/ft full length
 Uniform SJI load 202 #/ft full length
 Uniform Live load 120 #/ft full length
 Uniform Dead load 82 #/ft full length
 16.000 in Deep 319.000 in Design length 670 # Minimum Shear
 15.232 in Effective Depth 66 in4 Ix 60 in4 Minimum Ix
 13.250 in Clear Depth L/ 457 Live Defl L/ 271 SJI Defl
 213740 in-#Moment 0.500 in Chord gap 0.294 in Camber
 24.000 in Interior Panel 15.500 in Left end 15.500 in Right end
 12 Web Vees 2680 # SJI reaction 2680 # SJI reaction

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
 Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
 Center: L = 24.000 P = -13874 Pnx/Ω= -15512 M = 403 4 Fillers
 Fifth: L = 24.000 P = -11967 Pnz/Ω= -13423 No Fillers
 Tag end panl: L = 15.500 P = -4604 Pnx/Ω= -12863 M = 166 No Filler
 First point: P = -4604 Pn/Ω = -17016 M = 678

Bearing seats: Tag End 26-1.50x172 Weld 1.66"
 Opposite End 26-1.50x172 Weld 1.66"

Bot Chord: 2-L10-1.25x109 A = 0.521 Y = 0.353 Fy = 50000 Q = 0.978
 Ix= 0.078 Iy= 0.267 Rx = 0.387 Ry = 0.716 Rz = 0.247
 Center: L = 24.000 P = 14032 Pn/Ω = 15637
 Chord shear: V = 2550 T = 6090 fv = 9357 ft = 11683 f = 11031



Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	61.02	31.44	2550	5263	0.625	0.307	0.156	8283
V 1	38.23	19.39	350	-445	0.625	0.307	0.156	-3697
C 1	38.23	19.39	2218	-2824	0.625	0.307	0.156	-3697
T 2	38.23	19.39	1815	2310	0.625	0.307	0.156	9204
C 2	38.23	19.39	1815	-2310	0.625	0.307	0.156	-3697
T 3	38.23	19.39	1411	1797	0.563	0.249	0.141	7468
C 3	38.23	19.39	1411	-1797	0.563	0.249	0.141	-2439
T 4	38.23	19.39	1008	1283	0.563	0.249	0.141	7468
C 4	38.23	19.39	1008	-1283	0.563	0.249	0.141	-2439
T 5	38.23	19.39	670	853	0.500	0.196	0.125	5890
C 5	38.23	19.39	670	-853	0.500	0.196	0.125	-1517
T 6	38.23	19.39	670	853	0.500	0.196	0.125	5890
C 6	38.23	19.39	670	-853	0.500	0.196	0.125	-1517

Net Uplift:
 Top Chord Center: P = 2752 Pn/Ω = 18907
 Bot Chord Center: P = -2784 Pnz/Ω= -7765 No Fillers
 end Web Diagonal: P = -1044 Pn/Ω = -1409

Job #17-0003 2L -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J22 16 - 16K2/0/-80 x 27' 1.375 Rod web Parallel chord Shortspan

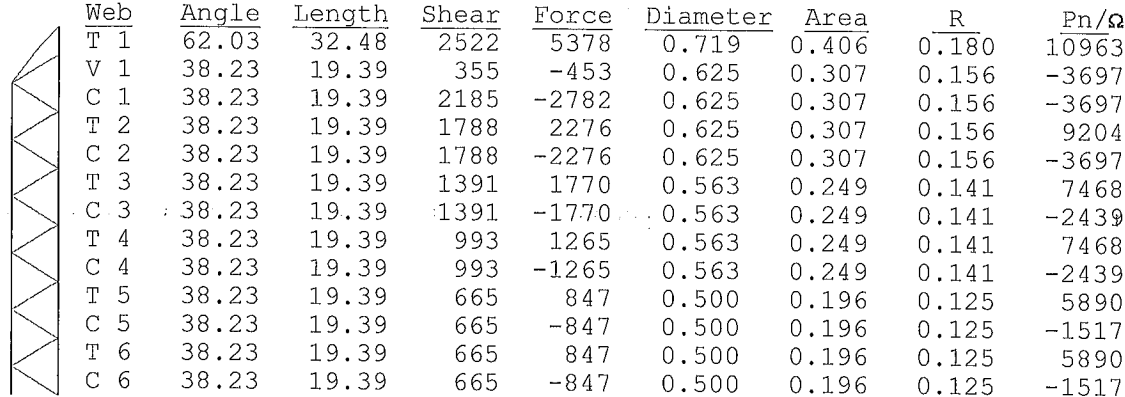
End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						30.688
Opp	5.000	2.500						30.688

Uniform UpLf load -80 #/ft full length
 Uniform SJI load 199 #/ft full length
 Uniform Live load 117 #/ft full length
 Uniform Dead load 82 #/ft full length
 16.000 in Deep 321.375 in Design length 665 # Minimum Shear
 15.232 in Effective Depth 66 in4 Ix 60 in4 Minimum Ix
 13.250 in Clear Depth L/ 457 Live Defl L/ 269 SJI Defl
 213740 in-#Moment 0.500 in Chord gap 0.299 in Camber
 24.000 in Interior Panel 16.688 in Left end 16.688 in Right end
 12 Web Vees 2660 # SJI reaction 2660 # SJI reaction

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
 Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
 Center: L = 24.000 P = -13876 Pnx/Ω= -15512 M = 397 4 Fillers
 Fifth: L = 24.000 P = -11998 Pnz/Ω= -13423 No Fillers
 Tag end panl: L = 16.688 P = -4750 Pnx/Ω= -12500 M = 228 No Filler
 First point: P = -4750 Pn/Ω = -17016 M = 697

Bearing seats: Tag End 26-1.50x172 Weld 1.64"
 Opposite End 26-1.50x172 Weld 1.64"

Bot Chord: 2-L10-1.25x109 A = 0.521 Y = 0.353 Fy = 50000 Q = 0.978
 Ix= 0.078 Iy= 0.267 Rx = 0.387 Ry = 0.716 Rz = 0.247
 Center: L = 24.000 P = 14032 Pn/Ω = 15637
 Chord shear: V = 2522 T = 6207 fv = 9256 ft = 11907 f = 11005



Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	62.03	32.48	2522	5378	0.719	0.406	0.180	10963
V 1	38.23	19.39	355	-453	0.625	0.307	0.156	-3697
C 1	38.23	19.39	2185	-2782	0.625	0.307	0.156	-3697
T 2	38.23	19.39	1788	2276	0.625	0.307	0.156	9204
C 2	38.23	19.39	1788	-2276	0.625	0.307	0.156	-3697
T 3	38.23	19.39	1391	1770	0.563	0.249	0.141	7468
C 3	38.23	19.39	1391	-1770	0.563	0.249	0.141	-2439
T 4	38.23	19.39	993	1265	0.563	0.249	0.141	7468
C 4	38.23	19.39	993	-1265	0.563	0.249	0.141	-2439
T 5	38.23	19.39	665	847	0.500	0.196	0.125	5890
C 5	38.23	19.39	665	-847	0.500	0.196	0.125	-1517
T 6	38.23	19.39	665	847	0.500	0.196	0.125	5890
C 6	38.23	19.39	665	-847	0.500	0.196	0.125	-1517

Net Uplift:
 Top Chord Center: P = 5588 Pn/Ω = 18907
 Bot Chord Center: P = -5651 Pnz/Ω= -7765 No Fillers
 end Web Diagonal: P = -2166 Pn/Ω = -2312

Job #17-0003 2L -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J23 6 - 16K2/0/-80 x 27' 1.375 Rod web Parallel chord Shortspan

End Tag	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						30.688
Opp	5.000	2.500		Y				30.688

Uniform UpLf load -80 #/ft full length
Uniform SJI load 199 #/ft full length
Uniform Live load 117 #/ft full length
Uniform Dead load 82 #/ft full length

16.000 in Deep 321.375 in Design length 665 # Minimum Shear
15.232 in Effective Depth 66 in4 Ix 60 in4 Minimum Ix
13.250 in Clear Depth L/ 457 Live Defl L/ 269 SJI Defl
213740 in-#Moment 0.500 in Chord gap 0.299 in Camber
24.000 in Interior Panel 16.688 in Left end 16.688 in Right end
12 Web Vees 2660 # SJI reaction 2660 # SJI reaction

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
Center: L = 24.000 P = -13876 Pnx/Ω= -15512 M = 397 4 Fillers
Fifth: L = 24.000 P = -11998 Pnz/Ω= -13423 No Fillers
Tag end panel: L = 16.688 P = -4750 Pnx/Ω= -12500 M = 228 No Filler
First point: P = -4750 Pn/Ω = -17016 M = 697

Bearing seats: Tag End 26-1.50x172 Weld 1.64"
Opposite End 26-1.50x172 Weld 1.64"

Bot Chord: 2-L10-1.25x109 A = 0.521 Y = 0.353 Fy = 50000 Q = 0.978
Ix= 0.078 Iy= 0.267 Rx = 0.387 Ry = 0.716 Rz = 0.247
Center: L = 24.000 P = 14032 Pn/Ω = 15637
Chord shear: V = 2522 T = 6207 fv = 9256 ft = 11907 f = 11005

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	62.03	32.48	2522	5378	0.719	0.406	0.180	10963
V 1	38.23	19.39	355	-453	0.625	0.307	0.156	-3697
C 1	38.23	19.39	2185	-2782	0.625	0.307	0.156	-3697
T 2	38.23	19.39	1788	2276	0.625	0.307	0.156	9204
C 2	38.23	19.39	1788	-2276	0.625	0.307	0.156	-3697
T 3	38.23	19.39	1391	1770	0.563	0.249	0.141	7468
C 3	38.23	19.39	1391	-1770	0.563	0.249	0.141	-2439
T 4	38.23	19.39	993	1265	0.563	0.249	0.141	7468
C 4	38.23	19.39	993	-1265	0.563	0.249	0.141	-2439
T 5	38.23	19.39	665	847	0.500	0.196	0.125	5890
C 5	38.23	19.39	665	-847	0.500	0.196	0.125	-1517
T 6	38.23	19.39	665	847	0.500	0.196	0.125	5890
C 6	38.23	19.39	665	-847	0.500	0.196	0.125	-1517

Net Uplift:

Top Chord Center: P = 5588 Pn/Ω = 18907
Bot Chord Center: P = -5651 Pnz/Ω= -7765 No Fillers
end Web Diagonal: P = -2166 Pn/Ω = -2312

Job #17-0003 2L - By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J24 15 - 12K3/0/-80 x 9' 5.125 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#LL
Tag	5.000	2.500						32.563
Opp	5.000	2.500						32.563

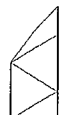
Uniform UpLf load -80 #/ft full length
Uniform SJI load 550 #/ft full length
Uniform Live load 550 #/ft full length
Uniform Dead load 0 #/ft full length

12.000 in Deep 109.125 in Design length 625 # Minimum Shear
11.295 in Effective Depth 32 in⁴ Ix 14 in⁴ Minimum Ix
9.500 in Clear Depth L/1195 Live Defl L/1195 SJI Defl
64924 in-#Moment 0.500 in Chord gap 0.034 in Camber
24.000 in Interior Panel 18.563 in Left end 18.563 in Right end
3 Web Vees 2501 # SJI reaction 2501 # SJI reaction

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
Center: L = 24.000 P = -5748 Pnz/Ω = -13423 M = 1079 No Fillers
Tag end panl: L = 18.563 P = -5616 Pnx/Ω = -11896 M = 926 No Filler
First point: P = -5616 Pn/Ω = -17016 M = 2096

Bearing seats: Tag End 26-1.50x172 Weld 1.55"
Opposite End 26-1.50x172 Weld 1.55"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
Center: L = 24.000 P = 5748 Pn/Ω = 12367
Chord shear: V = 2075 T = 5748 fv = 9520 ft = 13944 f = 11800



Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	69.72	32.58	2075	5987	0.563	0.249	0.141	6722
V 1	46.73	16.48	995	-1451	0.500	0.196	0.125	-2101
C 1	46.73	16.48	1100	-1605	0.500	0.196	0.125	-2101
T 2	46.73	16.48	625	912	0.500	0.196	0.125	5890

Net Uplift:

Top Chord Center: P = -836 Pn/Ω = -18907
Bot Chord Center: P = -836 Pnz/Ω = -4148 No Fillers
end Web Diagonal: P = -871 Pn/Ω = -864

Job #17-0003 2L - By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J25 4 - 12K3/0/-80 x 9' 5.125 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500		Y				32.563
Opp	5.000	2.500						32.563

Uniform UpLf load -80 #/ft full length
 Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 109.125 in Design length 625 # Minimum Shear
 11.295 in Effective Depth 32 in⁴ Ix 14 in⁴ Minimum Ix
 9.500 in Clear Depth L/1195 Live Defl L/1195 SJI Defl
 64924 in-#Moment 0.500 in Chord gap 0.034 in Camber
 24.000 in Interior Panel 18.563 in Left end 18.563 in Right end
 3 Web Vees 2501 # SJI reaction 2501 # SJI reaction

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
 Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
 Center: L = 24.000 P = -5748 Pnz/Ω = -13423 M = 1079 No Fillers
 Tag end panl: L = 18.563 P = -5616 Pnx/Ω = -11896 M = 926 No Filler
 First point: P = -5616 Pn/Ω = -17016 M = 2096

Bearing seats: Tag End 26-1.50x172 Weld 1.55"
 Opposite End 26-1.50x172 Weld 1.55"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 5748 Pn/Ω = 12367
 Chord shear: V = 2075 T = 5748 fv = 9520 ft = 13944 f = 11800

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	69.72	32.58	2075	5987	0.563	0.249	0.141	6722
V 1	46.73	16.48	995	-1451	0.500	0.196	0.125	-2101
C 1	46.73	16.48	1100	-1605	0.500	0.196	0.125	-2101
T 2	46.73	16.48	625	912	0.500	0.196	0.125	5890

Net Uplift:

Top Chord Center: P = 836 Pn/Ω = 48907
 Bot Chord Center: P = -836 Pnz/Ω = -4148 No Fillers
 end Web Diagonal: P = -871 Pn/Ω = -864

Job #17-0003 2L -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J26 1 - 12K3/0/-80 x 9' 4.625 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500		Y	E 0' 0.500	2 0' 3.750		32.313
Opp	5.000	2.500						32.313

Uniform Up/lf load -80 #/ft full length
Uniform SJI load 550 #/ft full length
Uniform Live load 550 #/ft full length
Uniform Dead load 0 #/ft full length

12.000 in Deep 108.625 in Design length 622 # Minimum Shear
11.295 in Effective Depth 32 in 4 Ix 14 in 4 Minimum Ix
9.500 in Clear Depth L/1212 Live Defl L/1212 SJI Defl
64301 in-#Moment 0.500 in Chord gap 0.034 in Camber
24.000 in Interior Panel 18.313 in Left end 18.313 in Right end
3 Web Vees 2489 # SJI reaction 2489 # SJI reaction
0.000 in Tag TCX Defl

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
Center: L = 24.000 P = -5693 Pnz/Ω = -13423 M = 1074 No Fillers
Tag end panl: L = 18.313 P = -5555 Pnx/Ω = -11978 M = 885 No Filler
First point: P = -5555 Pn/Ω = -17016 M = 2072

Bearing seats: Tag End 26-1.50x172 Weld 1.54"
Opposite End 26-1.50x172 Weld 1.54"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
Center: L = 24.000 P = 5693 Pn/Ω = 12367
Chord shear: V = 2070 T = 5693 fv = 9494 ft = 13810 f = 11739

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	69.56	32.35	2070	5928	0.563	0.249	0.141	6722
V 1	46.73	16.48	989	-1443	0.500	0.196	0.125	-2101
C 1	46.73	16.48	1100	-1605	0.500	0.196	0.125	-2101
T 2	46.73	16.48	622	908	0.500	0.196	0.125	5890

Net Uplift:

Top Chord Center: P = 828 Pn/Ω = 18907
Bot Chord Center: P = -828 Pnz/Ω = -4148 No Fillers
end Web Diagonal: P = -862 Pn/Ω = -876

Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J27 17 - 12K5 x 9' 9.000 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						34.500
Opp	5.000	2.500						34.500

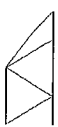
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 113.000 in Design length 647 # Minimum Shear
 11.289 in Effective Depth 34 in4 Ix 14 in4 Minimum Ix
 9.500 in Clear Depth L/1131 Live Defl L/1131 SJI Defl
 69856 in-#Moment 0.500 in Chord gap 0.037 in Camber
 24.000 in Interior Panel 20.500 in Left end 20.500 in Right end
 3 Web Vees 2590 # SJI reaction 2590 # SJI reaction

Top Chord: 2-L22-1.50x125 A = 0.719 Y = 0.421 Fy = 50000 Q = 0.961
 Bridg < 118" Ix= 0.156 Iy= 0.479 Rx = 0.465 Ry = 0.817 Rz = 0.296
 Center: L = 24.000 P = -6188 Pnz/Ω = -15982 M = 1120 No Fillers
 Tag end panl: L = 20.500 P = -6103 Pnx/Ω = -13317 M = 1257 No Filler
 First point: P = -6103 Pn/Ω = -19406 M = 2301

Bearing seats: Tag End 26-1.50x172 Weld 1.40"
 Opposite End 26-1.50x172 Weld 1.40"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 6188 Pn/Ω = 12367
 Chord shear: V = 2120 T = 6188 fv = 9724 ft = 15011 f = 12284

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	70.85	34.40	2120	6461	0.625	0.307	0.156	8283
V 1	46.75	16.48	1041	-1519	0.500	0.196	0.125	-2102
C 1	46.75	16.48	1100	-1605	0.500	0.196	0.125	-2102
T 2	46.75	16.48	647	945	0.500	0.196	0.125	5890



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J29 11 - 12K5 x 14' 7.500 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						27.750
Opp	5.000	2.500						27.750

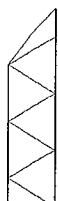
Uniform SJI load 550 #/ft full length
 Uniform Live load 425 #/ft full length
 Uniform Dead load 125 #/ft full length
 12.000 in Deep 171.500 in Design length 983 # Minimum Shear
 11.163 in Effective Depth 40 in4 Ix 33 in4 Minimum Ix
 9.000 in Clear Depth L/ 504 Live Defl L/ 390 SJI Defl
 168508 in-#Moment 0.500 in Chord gap 0.085 in Camber
 24.000 in Interior Panel 13.750 in Left end 13.750 in Right end
 6 Web Vees 3930 # SJI reaction 3930 # SJI reaction

Top Chord: 2-L30-1.75x125 A = 0.844 Y = 0.484 Fy = 50000 Q = 0.897
 Bridg < 133" Ix= 0.251 Iy= 0.706 Rx = 0.546 Ry = 0.914 Rz = 0.347
 Center: L = 24.000 P = -14503 Pnz/Ω= -19037 M = 1109 No Fillers
 Tag end panl: L = 13.750 P = -8339 Pnx/Ω= -18442 M = 206 No Filler
 First point: P = -8339 Pn/Ω = -22781 M = 1755

Bearing seats: Tag End 26-1.50x172 Weld 2.12"
 Opposite End 26-1.50x172 Weld 2.12"

Bot Chord: 2-L10-1.25x109 A = 0.521 Y = 0.353 Fy = 50000 Q = 0.978
 Ix= 0.078 Iy= 0.267 Rx = 0.387 Ry = 0.716 Rz = 0.247
 Center: L = 24.000 P = 15095 Pn/Ω = 15637
 Chord shear: V = 3615 T = 10365 fv = 13266 ft = 19885 f = 16579

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	66.56	28.07	3615	9089	0.688	0.372	0.172	10038
V 1	47.07	16.39	894	-1312	0.625	0.307	0.156	-4797
C 1	47.07	16.39	2750	-4037	0.625	0.307	0.156	-4797
T 2	47.07	16.39	1650	2422	0.625	0.307	0.156	9204
C 2	47.07	16.39	1650	-2422	0.625	0.307	0.156	-4797
T 3	47.07	16.39	983	1443	0.500	0.196	0.125	5890
C 3	47.07	16.39	983	-1443	0.500	0.196	0.125	-2124



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: SEQ #2 - TRACK / MEZZANINE

J33 3 - 12K5 x 6' 9.500 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						28.750
Opp	5.000	2.500						28.750

Uniform SJI load 550 #/ft full length

Uniform Live load 550 #/ft full length

Uniform Dead load 0 #/ft full length

12.000 in Deep 77.500 in Design length 444 # Minimum Shear

11.351 in Effective Depth 31 in4 Ix 7 in4 Minimum Ix

9.750 in Clear Depth L/3286 Live Defl L/3286 SJI Defl

38467 in-#Moment 0.500 in Chord gap 0.017 in Camber

24.000 in Interior Panel 14.750 in Left end 14.750 in Right end

2 Web Vees 1776 # SJI reaction 1776 # SJI reaction

Top Chord: 2-L13-1.25x125 A = 0.594 Y = 0.359 Fy = 50000 Q = 1.000

Bridg < 104" Ix= 0.088 Iy= 0.308 Rx = 0.385 Ry = 0.720 Rz = 0.246

Center: L = 14.750 P = -3389 Pnz/Ω = -12318 M = 361 No Fillers

Tag end panl: L = 14.750 P = -3389 Pnx/Ω = -12318 M = 361 No Filler

First point: P = -3389 Pn/Ω = -16031 M = 1771

Bearing seats: Tag End 26-1.50x172 Weld 0.96"

Opposite End 26-1.50x172 Weld 0.96"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000

Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196

Center: L = 24.000 P = 3031 Pn/Ω = 12367

Chord shear: V = 1438 T = 3031 fv = 6596 ft = 7354 f = 7552

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	67.01	29.06	1438	3681	0.500	0.196	0.125	5301
V 1	46.59	16.52	900	-1309	0.500	0.196	0.125	-2091
C 1	46.59	16.52	550	-800	0.500	0.196	0.125	-2091



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J34 4 - 12K5 x 15' 3.000 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						31.500
Opp	5.000	2.500						31.500

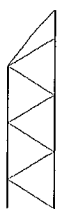
Uniform SJI load 550 #/ft full length
 Uniform Live load 408 #/ft full length
 Uniform Dead load 142 #/ft full length
 12.000 in Deep 179.000 in Design length 1026 # Minimum Shear
 11.158 in Effective Depth 44 in4 Ix 36 in4 Minimum Ix
 9.000 in Clear Depth L/ 500 Live Defl L/ 370 SJI Defl
 183568 in-#Moment 0.500 in Chord gap 0.093 in Camber
 24.000 in Interior Panel 17.500 in Left end 17.500 in Right end
 6 Web Vees 4102 # SJI reaction 4102 # SJI reaction

Top Chord: 2-L30-1.75x125 A = 0.844 Y = 0.484 Fy = 50000 Q = 0.897
 Bridg < 133" Ix= 0.251 Iy= 0.706 Rx = 0.546 Ry = 0.914 Rz = 0.347
 Center: L = 24.000 P = -15861 Pnz/Ω = -19037 M = 1104 No Fillers
 Tag end panl: L = 17.500 P = -9785 Pnx/Ω = -17300 M = 757 No Filler
 First point: P = -9785 Pn/Ω = -22781 M = 1996

Bearing seats: Tag End 26-1.50x172 Weld 2.21"
 Opposite End 26-1.50x172 Weld 2.21"

Bot Chord: 2-L13-1.25x125 A = 0.594 Y = 0.359 Fy = 50000 Q = 1.000
 Ix= 0.088 Iy= 0.308 Rx = 0.385 Ry = 0.720 Rz = 0.246
 Center: L = 24.000 P = 16452 Pn/Ω = 17813
 Chord shear: V = 3701 T = 11720 fv = 11843 ft = 19739 f = 15417

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	69.28	31.54	3701	10462	0.719	0.406	0.180	10963
V 1	47.08	16.39	984	-1446	0.625	0.307	0.156	-4798
C 1	47.08	16.39	2750	-4039	0.625	0.307	0.156	-4798
T 2	47.08	16.39	1650	2423	0.625	0.307	0.156	9204
C 2	47.08	16.39	1650	-2423	0.625	0.307	0.156	-4798
T 3	47.08	16.39	1026	1506	0.500	0.196	0.125	5890
C 3	47.08	16.39	1026	-1506	0.500	0.196	0.125	-2125



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J35 7 - 12K5 x 14' 5.500 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						26.750
Opp	5.000	2.500						26.750

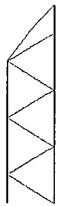
Uniform SJI load 550 #/ft full length
 Uniform Live load 430 #/ft full length
 Uniform Dead load 120 #/ft full length
 12.000 in Deep 169.500 in Design length 971 # Minimum Shear
 11.163 in Effective Depth 40 in4 Ix 32 in4 Minimum Ix
 9.000 in Clear Depth L/ 516 Live Defl L/ 404 SJI Defl
 164600 in-#Moment 0.500 in Chord gap 0.083 in Camber
 24.000 in Interior Panel 12.750 in Left end 12.750 in Right end
 6 Web Vees 3884 # SJI reaction 3884 # SJI reaction

Top Chord: 2-L30-1.75x125 A = 0.844 Y = 0.484 Fy = 50000 Q = 0.897
 Bridg < 133" Ix= 0.251 Iy= 0.706 Rx = 0.546 Ry = 0.914 Rz = 0.347
 Center: L = 24.000 P = -14153 Pnz/Ω = -19037 M = 1109 No Fillers
 Tag end panl: L = 12.750 P = -7964 Pnx/Ω = -18711 M = 73 No Filler
 First point: P = -7964 Pn/Ω = -22781 M = 1717

Bearing seats: Tag End 26-1.50x172 Weld 2.09"
 Opposite End 26-1.50x172 Weld 2.09"

Bot Chord: 2-L10-1.25x109 A = 0.521 Y = 0.353 Fy = 50000 Q = 0.978
 Ix= 0.078 Iy= 0.267 Rx = 0.387 Ry = 0.716 Rz = 0.247
 Center: L = 24.000 P = 14745 Pn/Ω = 15637
 Chord shear: V = 3592 T = 10015 fv = 13182 ft = 19214 f = 16311

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	65.72	27.15	3592	8737	0.688	0.372	0.172	10038
V 1	47.07	16.39	869	-1276	0.625	0.307	0.156	-4797
C 1	47.07	16.39	2750	-4037	0.625	0.307	0.156	-4797
T 2	47.07	16.39	1650	2422	0.625	0.307	0.156	9204
C 2	47.07	16.39	1650	-2422	0.625	0.307	0.156	-4797
T 3	47.07	16.39	971	1426	0.500	0.196	0.125	5890
C 3	47.07	16.39	971	-1426	0.500	0.196	0.125	-2124



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J36 5 - 12K5 x 14' 3.500 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						25.750
Opp	5.000	2.500						25.750

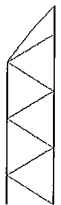
Uniform SJI load 550 #/ft full length
 Uniform Live load 436 #/ft full length
 Uniform Dead load 114 #/ft full length
 12.000 in Deep 167.500 in Design length 960 # Minimum Shear
 11.163 in Effective Depth 40 in4 Ix 32 in4 Minimum Ix
 9.000 in Clear Depth L/ 529 Live Defl L/ 419 SJI Defl
 160739 in-#Moment 0.500 in Chord gap 0.081 in Camber
 24.000 in Interior Panel 11.750 in Left end 11.750 in Right end
 6 Web Vees 3839 # SJI reaction 3839 # SJI reaction

Top Chord: 2-L30-1.75x125 A = 0.844 Y = 0.484 Fy = 50000 Q = 0.897
 Bridg < 133" Ix= 0.251 Iy= 0.706 Rx = 0.546 Ry = 0.914 Rz = 0.347
 Center: L = 24.000 P = -13807 Pnz/Ω= -19037 M = 1110 No Fillers
 Tag end panl: L = 11.750 P = -7594 Pnx/Ω= -18962 M = 0 No Filler
 First point: P = -7594 Pn/Ω = -22781 M = 1691

Bearing seats: Tag End 26-1.50x172 Weld 2.07"
 Opposite End 26-1.50x172 Weld 2.07"

Bot Chord: 2-L10-1.25x109 A = 0.521 Y = 0.353 Fy = 50000 Q = 0.978
 Ix= 0.078 Iy= 0.267 Rx = 0.387 Ry = 0.716 Rz = 0.247
 Center: L = 24.000 P = 14399 Pn/Ω = 15637
 Chord shear: V = 3569 T = 9669 fv = 13098 ft = 18550 f = 16050

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	64.82	26.24	3569	8391	0.688	0.372	0.172	10038
V 1	47.07	16.39	845	-1241	0.625	0.307	0.156	-4797
C 1	47.07	16.39	2750	-4037	0.625	0.307	0.156	-4797
T 2	47.07	16.39	1650	2422	0.625	0.307	0.156	9204
C 2	47.07	16.39	1650	-2422	0.625	0.307	0.156	-4797
T 3	47.07	16.39	960	1409	0.500	0.196	0.125	5890
C 3	47.07	16.39	960	-1409	0.500	0.196	0.125	-2124



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J37 1 - 12K5 x 14' 3.000 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						25.500
Opp	5.000	2.500						25.500

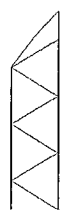
Uniform SJI load 550 #/ft full length
 Uniform Live load 437 #/ft full length
 Uniform Dead load 113 #/ft full length
 12.000 in Deep 167.000 in Design length 957 # Minimum Shear
 11.163 in Effective Depth 40 in4 Ix 32 in4 Minimum Ix
 9.000 in Clear Depth L/ 532 Live Defl L/ 422 SJI Defl
 159781 in-#Moment 0.500 in Chord gap 0.081 in Camber
 24.000 in Interior Panel 11.500 in Left end 11.500 in Right end
 6 Web Vees 3827 # SJI reaction 3827 # SJI reaction

Top Chord: 2-L30-1.75x125 A = 0.844 Y = 0.484 Fy = 50000 Q = 0.897
 Bridg < 133" Ix= 0.251 Iy= 0.706 Rx = 0.546 Ry = 0.914 Rz = 0.347
 Center: L = 24.000 P = -13722 Pnz/Ω= -19037 M = 1110 No Fillers
 Tag end panl: L = 11.500 P = -7502 Pnx/Ω= -19023 M = 0 No Filler
 First point: P = -7502 Pn/Ω = -22781 M = 1686

Bearing seats: Tag End 26-1.50x172 Weld 2.06"
 Opposite End 26-1.50x172 Weld 2.06"

Bot Chord: 2-L10-1.25x109 A = 0.521 Y = 0.353 Fy = 50000 Q = 0.978
 Ix= 0.078 Iy= 0.267 Rx = 0.387 Ry = 0.716 Rz = 0.247
 Center: L = 24.000 P = 14313 Pn/Ω = 15637
 Chord shear: V = 3564 T = 9583 fv = 13077 ft = 18385 f = 15985

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	64.59	26.02	3564	8305	0.625	0.307	0.156	8283
V 1	47.07	16.39	839	-1232	0.625	0.307	0.156	-4797
C 1	47.07	16.39	2750	-4037	0.625	0.307	0.156	-4797
T 2	47.07	16.39	1650	2422	0.625	0.307	0.156	9204
C 2	47.07	16.39	1650	-2422	0.625	0.307	0.156	-4797
T 3	47.07	16.39	957	1405	0.500	0.196	0.125	5890
C 3	47.07	16.39	957	-1405	0.500	0.196	0.125	-2124



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J38 4 - 12K3 x 10'10.000 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						29.000
Opp	5.000	2.500			E 0' 1.000			29.000

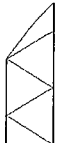
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 126.000 in Design length 722 # Minimum Shear
 11.295 in Effective Depth 32 in4 Ix 19 in4 Minimum Ix
 9.500 in Clear Depth L/ 777 Live Defl L/ 777 SJI Defl
 90956 in-#Moment 0.563 in Chord gap 0.046 in Camber
 24.000 in Interior Panel 15.000 in Left end 15.000 in Right end
 4 Web Vees 2888 # SJI reaction 2888 # SJI reaction
 0.000 in Opp TCX Defl

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
 Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
 Center: L = 24.000 P = -7469 Pnz/Ω = -13423 M = 1073 No Fillers
 Tag end panl: L = 15.000 P = -6081 Pnx/Ω = -13011 M = 381 No Filler
 First point: P = -6081 Pn/Ω = -17016 M = 1816

Bearing seats: Tag End 26-1.50x172 Weld 1.78"
 Opposite End 26-1.50x172 Weld 1.78"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 8053 Pn/Ω = 12367
 Chord shear: V = 2544 T = 6884 fv = 11669 ft = 16700 f = 14348

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	67.30	29.27	2544	6592	0.563	0.249	0.141	6722
V 1	46.73	16.48	915	-1334	0.563	0.249	0.141	-3316
C 1	46.73	16.48	1650	-2407	0.563	0.249	0.141	-3316
T 2	46.73	16.48	722	1053	0.563	0.249	0.141	7468
C 2	46.73	16.48	722	-1053	0.563	0.249	0.141	-3316



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J39 2 - 12K1 x 10' 1.000 Special Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						24.500
Opp	5.000	2.500			R12 4' 9.000			24.500

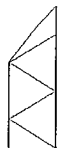
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 117.000 in Design length 670 # Minimum Shear
 11.118 in Effective Depth 43 in4 Ix 16 in4 Minimum Ix
 9.000 in Clear Depth L/1290 Live Defl L/1290 SJI Defl
 78427-in-#Moment 0.563-in Chord gap 0.040 in Camber
 24.000 in Interior Panel 10.500 in Left end 10.500 in Right end
 4 Web Vees 2681 # SJI reaction 2681 # SJI reaction
 0.034 in Opp TCX Defl

Top Chord: 2-L45-2.00x250 A = 1.875 Y = 0.592 Fy = 50000 Q = 1.000
 Bridg < 151" Ix= 0.695 Iy= 2.023 Rx = 0.609 Ry = 1.039 Rz = 0.391
 Center: L = 24.000 P = -6460 Pnz/Ω= -48181 M = 1062 No Fillers
 Tag end panl: L = 10.500 P = -4939 Pnx/Ω= -48027 M = 0 No Filler
 First point: P = -4939 Pn/Ω = -50625 M = 1670

Bearing seats: Tag End 26-1.50x172 Weld 1.05"
 Opposite End 45-2.00x250 Weld 0.72"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 7054 Pn/Ω = 12367
 Chord shear: V = 2441 T = 5867 fv = 11196 ft = 14231 f = 13265

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	63.70	25.10	2441	5509	0.563	0.249	0.141	6722
V 1	47.18	16.36	807	-1188	0.563	0.249	0.141	-3356
C 1	47.18	16.36	1650	-2428	0.563	0.249	0.141	-3356
T 2	47.18	16.36	670	986	0.563	0.249	0.141	7468
C 2	47.18	16.36	670	-986	0.563	0.249	0.141	-3356



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J40 2 - 12K1 x 10' 1.000 Special Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#LL
Tag	5.000	2.500						24.500
Opp	5.000	2.500			R12 2' 2.000			24.500

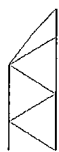
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 117.000 in Design length 670 # Minimum Shear
 11.118 in Effective Depth 43 in4 Ix 16 in4 Minimum Ix
 9.000 in Clear Depth L/1290 Live Defl L/1290 SJI Defl
 78427 in-#Moment 0.563 in Chord gap 0.040 in Camber
 24.000 in Interior Panel 10.500 in Left end 10.500 in Right end
 4 Web Vees 2681 # SJI reaction 2681 # SJI reaction
 0.040 in Opp TCX Defl

Top Chord: 2-L45-2.00x250 A = 1.875 Y = 0.592 Fy = 50000 Q = 1.000
 Bridg < 151" Ix= 0.695 Iy= 2.023 Rx = 0.609 Ry = 1.039 Rz = 0.391
 Center: L = 24.000 P = -6460 Pnz/Ω= -48181 M = 1062 No Fillers
 Tag end panl: L = 10.500 P = -4939 Pnx/Ω= -48027 M = 0 No Filler
 First point: P = -4939 Pn/Ω = -50625 M = 1670

Bearing seats: Tag End 26-1.50x172 Weld 1.05"
 Opposite End 45-2.00x250 Weld 0.72"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 7054 Pn/Ω = 12367
 Chord shear: V = 2441 T = 5867 fv = 11196 ft = 14231 f = 13265

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	63.70	25.10	2441	5509	0.563	0.249	0.141	6722
V 1	47.18	16.36	807	-1188	0.563	0.249	0.141	-3356
C 1	47.18	16.36	1650	-2428	0.563	0.249	0.141	-3356
T 2	47.18	16.36	670	986	0.563	0.249	0.141	7468
C 2	47.18	16.36	670	-986	0.563	0.249	0.141	-3356



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J41 2 - 12K1 x 10' 1.000 Special Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						24.500
Opp	5.000	2.500			R12 0'10.000			24.500

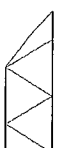
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 117.000 in Design length 670 # Minimum Shear
 11.118 in Effective Depth 43 in4 Ix 16 in4 Minimum Ix
 9.000 in Clear Depth L/1290 Live Defl L/1290 SJI Defl
 78427 in⁴ Moment 0.563 in Chord gap 0.040 in Camber
 24.000 in Interior Panel 10.500 in Left end 10.500 in Right end
 4 Web Vees 2681 # SJI reaction 2681 # SJI reaction
 0.001 in Opp TCX Defl

Top Chord: 2-L45-2.00x250 A = 1.875 Y = 0.592 Fy = 50000 Q = 1.000
 Bridg < 151" Ix= 0.695 Iy= 2.023 Rx = 0.609 Ry = 1.039 Rz = 0.391
 Center: L = 24.000 P = -6460 Pnz/Ω = -48181 M = 1062 No Fillers
 Tag end panl: L = 10.500 P = -4939 Pnx/Ω = -48027 M = 0 No Filler
 First point: P = -4939 Pn/Ω = -50625 M = 1670

Bearing seats: Tag End 26-1.50x172 Weld 1.05"
 Opposite End 45-2.00x250 Weld 0.72"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 7054 Pn/Ω = 12367
 Chord shear: V = 2441 T = 5867 fv = 1.1196 ft = 14231 f = 13265

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	63.70	25.10	2441	5509	0.563	0.249	0.141	6722
V 1	47.18	16.36	807	-1188	0.563	0.249	0.141	-3356
C 1	47.18	16.36	1650	-2428	0.563	0.249	0.141	-3356
T 2	47.18	16.36	670	986	0.563	0.249	0.141	7468
C 2	47.18	16.36	670	-986	0.563	0.249	0.141	-3356



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J42 2 - 12K1 x 10' 1.000 Rod web Parallel chord Shortspan

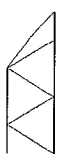
End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						24.500
Opp	5.000	2.500						24.500

Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 117.000 in Design length 670 # Minimum Shear
 11.295 in Effective Depth 32 in4 Ix 16 in4 Minimum Ix
 9.500 in Clear Depth L/ 970 Live Defl L/ 970 SJI Defl
 78427 in-#Moment 0.563 in Chord gap 0.040 in Camber
 24.000 in Interior Panel 10.500 in Left end 10.500 in Right end
 4 Web Vees 2681 # SJI reaction 2681 # SJI reaction

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
 Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
 Center: L = 24.000 P = -6359 Pnz/Ω= -13423 M = 1062 No Fillers
 Tag end panl: L = 10.500 P = -4862 Pnx/Ω= -14179 M = 0 No Filler
 First point: P = -4862 Pn/Ω = -17016 M = 1670

Bearing seats: Tag End 26-1.50x172 Weld 1.66"
 Opposite End 26-1.50x172 Weld 1.66"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 6944 Pn/Ω = 12367
 Chord shear: V = 2441 T = 5775 fv = 11196 ft = 14009 f = 13206



Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	63.34	25.18	2441	5440	0.563	0.249	0.141	6722
V 1	46.73	16.48	807	-1178	0.563	0.249	0.141	-3316
C 1	46.73	16.48	1650	-2407	0.563	0.249	0.141	-3316
T 2	46.73	16.48	670	978	0.563	0.249	0.141	7468
C 2	46.73	16.48	670	-978	0.563	0.249	0.141	-3316

Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J43 152 - 12K1 x 10' 1.000 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						24.500
Opp	5.000	2.500						24.500

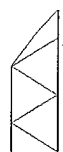
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 117.000 in Design length 670 # Minimum Shear
 11.295 in Effective Depth 32 in⁴ Ix 16 in⁴ Minimum Ix
 9.500 in Clear Depth L/ 970 Live Defl L/ 970 SJI Defl
 78427 in³ #Moment 0.563 in Chord gap 0.040 in Camber
 24.000 in Interior Panel 10.500 in Left end 10.500 in Right end
 4 Web Vees 2681 # SJI reaction 2681 # SJI reaction

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
 Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
 Center: L = 24.000 P = -6359 Pnz/Ω= -13423 M = 1062 No Fillers
 Tag end panl: L = 10.500 P = -4862 Pnx/Ω= -14179 M = 0 No Filler
 First point: P = -4862 Pn/Ω = -17016 M = 1670

Bearing seats: Tag End 26-1.50x172 Weld 1.66"
 Opposite End 26-1.50x172 Weld 1.66"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 6944 Pn/Ω = 12367
 Chord shear: V = 2441 T = 5775 fv = 11196 ft = 14009 f = 13206

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	63.34	25.18	2441	5440	0.563	0.249	0.141	6722
V 1	46.73	16.48	807	-1178	0.563	0.249	0.141	-3316
C 1	46.73	16.48	1650	-2407	0.563	0.249	0.141	-3316
T 2	46.73	16.48	670	978	0.563	0.249	0.141	7468
C 2	46.73	16.48	670	-978	0.563	0.249	0.141	-3316



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J44 10 - 12K1 x 9' 9.500 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						34.750
Opp	5.000	2.500			E 0' 1.000			34.750

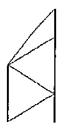
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 113.500 in Design length 650 # Minimum Shear
 11.289 in Effective Depth 34 in4 Ix 15 in4 Minimum Ix
 9.500 in Clear Depth L/1116 Live Defl L/1116 SJI Defl
 70505 in-#Moment 0.500 in Chord gap 0.037 in Camber
 24.000 in Interior Panel 20.750 in Left end 20.750 in Right end
 3 Web Vees 2601 # SJI reaction 2601 # SJI reaction
 0.000 in Opp TCX Defl

Top Chord: 2-L22-1.50x125 A = 0.719 Y = 0.421 Fy = 50000 Q = 0.961
 Bridg < 118" Ix= 0.156 Iy= 0.479 Rx = 0.465 Ry = 0.817 Rz = 0.296
 Center: L = 24.000 P = -6246 Pnz/Ω= -15982 M = 1126 No Fillers
 Tag end panl: L = 20.750 P = -6166 Pnx/Ω= -13207 M = 1301 No Filler
 First point: P = -6166 Pn/Ω = -19406 M = 2331

Bearing seats: Tag End 26-1.50x172 Weld 1.40"
 Opposite End 26-1.50x172 Weld 1.40"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 6246 Pn/Ω = 12367
 Chord shear: V = 2126 T = 6246 fv = 9750 ft = 15150 f = 12347

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	70.98	34.64	2126	6522	0.625	0.307	0.156	8283
V 1	46.75	16.48	1047	-1528	0.500	0.196	0.125	-2102
C 1	46.75	16.48	1100	-1605	0.500	0.196	0.125	-2102
T 2	46.75	16.48	650	949	0.500	0.196	0.125	5890



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J45 2 - 12K1 x 9' 9.500 Special Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#LL
Tag	5.000	2.500						34.750
Opp	5.000	2.500			R12 3' 7.000			34.750

Uniform SJI load 550 #/ft full length
Uniform Live load 550 #/ft full length
Uniform Dead load 0 #/ft full length

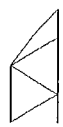
12.000 in Deep 113.500 in Design length 650 # Minimum Shear
11.118 in Effective Depth 43 in4 Ix 15 in4 Minimum Ix
9.000 in Clear Depth L/1413 Live Defl L/1413 SJI Defl
70505 in-#Moment 0.500 in Chord gap 0.037 in Camber
24.000 in Interior Panel 20.750 in Left end 20.750 in Right end
3 Web Vees 2601 # SJI reaction 2601 # SJI reaction
0.269 in Opp TCX Defl

Top Chord: 2-L45-2.00x250 A = 1.875 Y = 0.592 Fy = 50000 Q = 1.000
Bridg < 151" Ix= 0.695 Iy= 2.023 Rx = 0.609 Ry = 1.039 Rz = 0.391
Center: L = 24.000 P = -6341 Pnz/Ω = -48181 M = 1126 No Fillers
Tag end panl: L = 20.750 P = -6261 Pnx/Ω = -41209 M = 1301 No Filler
First point: P = -6261 Pn/Ω = -50625 M = 2331

Bearing seats: Tag End 26-1.50x172 Weld 1.02"
Opposite End 45-2.00x250 Weld 0.70"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
Center: L = 24.000 P = 6341 Pn/Ω = 12367
Chord shear: V = 2126 T = 6341 fv = 9750 ft = 15383 f = 12419

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	71.25	34.59	2126	6612	0.625	0.307	0.156	8283
V 1	47.18	16.36	1047	-1540	0.500	0.196	0.125	-2132
C 1	47.18	16.36	1100	-1618	0.500	0.196	0.125	-2132
T 2	47.18	16.36	650	957	0.500	0.196	0.125	5890



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J46 2 - 12K1 x 9' 9.500 Special Rod web Parallel chord Shortspan

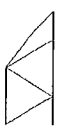
End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						34.750
Opp	5.000	2.500			R12 1' 7.000			34.750

Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 113.500 in Design length 650 # Minimum Shear
 11.118 in Effective Depth 43 in4 Ix 15 in4 Minimum Ix
 9.000 in Clear Depth L/1413 Live Defl L/1413 SJI Defl
 70505 in-#Moment 0.500 in Chord gap 0.037 in Camber
 24.000 in Interior Panel 20.750 in Left end 20.750 in Right end
 3 Web Vees 2601 # SJI reaction 2601 # SJI reaction
 0.013 in Opp TCX Defl

Top Chord: 2-L45-2.00x250 A = 1.875 Y = 0.592 Fy = 50000 Q = 1.000
 Bridg < 151" Ix= 0.695 Iy= 2.023 Rx = 0.609 Ry = 1.039 Rz = 0.391
 Center: L = 24.000 P = -6341 Pnz/Ω = -48181 M = 1126 No Fillers
 Tag end panl: L = 20.750 P = -6261 Pnx/Ω = -41209 M = 1301 No Filler
 First point: P = -6261 Pn/Ω = -50625 M = 2331

Bearing seats: Tag End 26-1.50x172 Weld 1.02"
 Opposite End 45-2.00x250 Weld 0.70"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 6341 Pn/Ω = 12367
 Chord shear: V = 2126 T = 6341 fv = 9750 ft = 15383 f = 12419



Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	71.25	34.59	2126	6612	0.625	0.307	0.156	8283
V 1	47.18	16.36	1047	-1540	0.500	0.196	0.125	-2132
C 1	47.18	16.36	1100	-1618	0.500	0.196	0.125	-2132
T 2	47.18	16.36	650	957	0.500	0.196	0.125	5890

Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J47 2 - 12K1 x 9' 9.500 Special Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						34.750
Opp	5.000	2.500			R12 0' 7.000			34.750

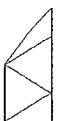
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 113.500 in Design length 650 # Minimum Shear
 11.118 in Effective Depth 43 in4 Ix 15 in4 Minimum Ix
 9.000 in Clear Depth L/1413 Live Defl L/1413 SJI Defl
 70505 in-#Moment 0.500 in Chord gap 0.037 in Camber
 24.000 in Interior Panel 20.750 in Left end 20.750 in Right end
 3 Web Vees 2601 # SJI reaction 2601 # SJI reaction
 0.000 in Opp TCX Defl

Top Chord: 2-L45-2.00x250 A = 1.875 Y = 0.592 Fy = 50000 Q = 1.000
 Bridg < 151" Ix= 0.695 Iy= 2.023 Rx = 0.609 Ry = 1.039 Rz = 0.391
 Center: L = 24.000 P = -6341 Pnz/Ω= -48181 M = 1126 No Fillers
 Tag end panl: L = 20.750 P = -6261 Pnx/Ω= -41209 M = 1301 No Filler
 First point: P = -6261 Pn/Ω = -50625 M = 2331

Bearing seats: Tag End 26-1.50x172 Weld 1.02"
 Opposite End 45-2.00x250 Weld 0.70"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 6341 Pn/Ω = 12367
 Chord shear: V = 2126 T = 6341 fv = 9750 ft = 15383 f = 12419

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	71.25	34.59	2126	6612	0.625	0.307	0.156	8283
V 1	47.18	16.36	1047	-1540	0.500	0.196	0.125	-2132
C 1	47.18	16.36	1100	-1618	0.500	0.196	0.125	-2132
T 2	47.18	16.36	650	957	0.500	0.196	0.125	5890



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J48 14 - 12K1 x 9' 9.500 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#LL
Tag	5.000	2.500						34.750
Opp	5.000	2.500			E 0' 1.000			34.750

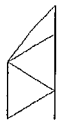
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 113.500 in Design length 650 # Minimum Shear
 11.289 in Effective Depth 34 in4 Ix 15 in4 Minimum Ix
 9.500 in Clear Depth L/1116 Live Defl L/1116 SJI Defl
 70505 in-#Moment 0.500 in Chord gap 0.037 in Camber
 24.000 in Interior Panel 20.750 in Left end 20.750 in Right end
 3 Web Vees 2601 # SJI reaction 2601 # SJI reaction
 0.000 in Opp TCX Defl

Top Chord: 2-L22-1.50x125 A = 0.719 Y = 0.421 Fy = 50000 Q = 0.961
 Bridg < 118" Ix= 0.156 Iy= 0.479 Rx = 0.465 Ry = 0.817 Rz = 0.296
 Center: L = 24.000 P = -6246 Pnz/Ω = -15982 M = 1126 No Fillers
 Tag end panl: L = 20.750 P = -6166 Pnx/Ω = -13207 M = 1301 No Filler
 First point: P = -6166 Pn/Ω = -19406 M = 2331

Bearing seats: Tag End 26-1.50x172 Weld 1.40"
 Opposite End 26-1.50x172 Weld 1.40"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 6246 Pn/Ω = 12367
 Chord shear: V = 2126 T = 6246 fv = 9750 ft = 15150 f = 12347

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	70.98	34.64	2126	6522	0.625	0.307	0.156	8283
V 1	46.75	16.48	1047	-1528	0.500	0.196	0.125	-2102
C 1	46.75	16.48	1100	-1605	0.500	0.196	0.125	-2102
T 2	46.75	16.48	650	949	0.500	0.196	0.125	5890



Job #17-0003 2N -

By SUE 14:42 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #2 - TRACK / MEZZANINE

J49 19 - 12K1 x 8' 9.750 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500			E 0' 9.000			28.875
Opp	5.000	2.500			E 0' 9.000			28.875

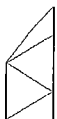
Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 101.750 in Design length 583 # Minimum Shear
 11.295 in Effective Depth 32 in4 Ix 12 in4 Minimum Ix
 9.500 in Clear Depth L/1475 Live Defl L/1475 SJI Defl
 56014 in-#Moment 0.500 in Chord gap 0.030 in Camber
 24.000 in Interior Panel 14.875 in Left end 14.875 in Right end
 3 Web Vees 2332 # SJI reaction 2332 # SJI reaction
 0.002 in Tag TCX Defl 0.002 in Opp TCX Defl

Top Chord: 2-L20-1.50x109 A = 0.630 Y = 0.415 Fy = 50000 Q = 0.905
 Bridg < 118" Ix= 0.138 Iy= 0.417 Rx = 0.467 Ry = 0.813 Rz = 0.297
 Center: L = 24.000 P = -4959 Pnx/Ω = -13423 M = 1024 No Fillers
 Tag end panl: L = 14.875 P = -4737 Pnx/Ω = -13047 M = 358 No Filler
 First point: P = -4737 Pn/Ω = -17016 M = 1820

Bearing seats: Tag End 26-1.50x172 Weld 1.44"
 Opposite End 26-1.50x172 Weld 1.44"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 4959 Pn/Ω = 12367
 Chord shear: V = 1991 T = 4959 fv = 9133 ft = 12030 f = 10936

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	67.20	29.15	1991	5139	0.500	0.196	0.125	5301
V 1	46.73	16.48	907	-1324	0.500	0.196	0.125	-2101
C 1	46.73	16.48	1100	-1605	0.500	0.196	0.125	-2101
T 2	46.73	16.48	583	851	0.500	0.196	0.125	5890



Job #17-0003 3K -

By SUE 14:43 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: SEQ #3 LOW ROOF

J1 15 - 24K6/0/-56 x 32' 5.000 Crimped angle Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						50.500
Opp	5.000	2.500						50.500

Uniform UpLf load -56 #/ft full length
 Uniform SJI load 121 #/ft from 0'0" to 32'5"
 Uniform Live load 251 #/ft full length
 Uniform Dead load 97 #/ft full length
 24.000 in Deep 385.000 in Design length 823 # Minimum Shear
 23.021 in Effective Depth 246 in⁴ Ix 222 in⁴ Minimum Ix
 20.500 in Clear Depth L/ 458 Live Defl L/ 561 SJI Defl
 537195 in-#Moment 1.000 in Chord gap 1.234 in Camber
 48.000 in Interior Panel 36.250 in Left end 36.250 in Right end
 7 Web Vees 1000 # SJI reaction 5581 # SJI reaction

Top Chord: 2-L39-2.00x142 A = 1.096 Y = 0.553 Fy = 50000 Q = 0.895
 Bridg < 177" Ix= 0.426 Iy= 1.640 Rx = 0.624 Ry = 1.224 Rz = 0.396
 Center: L = 24.000 P = -23335 Pnz/Ω = -25701 M = 695 No Fillers
 Tag end panl: L = 36.250 P = -10651 Pnx/Ω = -15317 M = 2655 No Filler
 First point: P = -10651 Pn/Ω = -29583 M = 4214
 Chord shear: V = 4005 C = 17532 fv = 7051 fc = 16001 f = 10664

Bearing seats: Tag End 26-1.50x172 Weld 2.65"
 Opposite End 26-1.50x172 Weld 2.65"

Bot Chord: 2-L23-1.50x140 A = 0.801 Y = 0.427 Fy = 50000 Q = 1.000
 Ix= 0.172 Iy= 0.859 Rx = 0.463 Ry = 1.036 Rz = 0.295
 Center: L = 48.000 P = 22973 Pn/Ω = 24024
 Chord shear: V = 5056 T = 14267 fv = 12037 ft = 17816 f = 14975

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	64.6	53.7	5056	11790	QH-15/16 RD	0.691	0.234	18658	1.3	
V 1	28.0	26.1	-1098	-1244	1L01-1.00x109	0.206	0.196z	-2568	0.4	2.3/ 2.0
C 1	46.2	33.3	-4005	-5785	1L24-1.50x156	0.444	0.295z	-6467	1.2	3.1/ 2.9
T 2	46.2	33.3	3131	4523	1L10-1.25x109	0.261	0.247z	7819	1.4	2.9/ 2.7
V 2	0.0	23.0	-784	-784	1L01-1.00x109	0.206	0.196z	-3510	0.5	2.3/ 1.8
C 2	46.2	33.3	-2435	-3518	1L10-1.25x109	0.261	0.247z	-3678	1.1	2.9/ 2.7
T 3	46.2	33.3	1740	2513	1L01-1.00x109	0.206	0.196z	6184	1.0	2.6/ 2.4
V 3	0.0	23.0	-805	-805	1L01-1.00x109	0.206	0.196z	-3510	0.5	2.3/ 1.8
C 3	46.2	33.3	-1044	-1508	1L01-1.00x109	0.206	0.196z	-1920	0.5	2.6/ 2.4
T 4	46.2	33.3	348	503	1L01-1.00x109	0.206	0.196z	6184	0.4	2.6/ 2.4
V 4	0.0	23.0	-813	-813	1L01-1.00x109	0.206	0.196z	-3510	0.5	2.3/ 1.8

Net Uplift:

Top Chord Center: P = 3756 Pn/Ω = 32870
 Bot Chord Center: P = -3698 Pnx/Ω = -109511 Fillers
 end Web Diagonal: P = -1898 Pn/Ω = -2451

Job #17-0003 3K -

By SUE 14:43 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #3 LOW ROOF

J2 4 - 24K5/0/-56 x 29' 5.000 Special Crimped angle
Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						44.500
Opp	5.000	2.500						44.500

Uniform UpLf load -56 #/ft full length
 Uniform SJI load 389 #/ft full length
 Uniform Live load 310 #/ft full length
 Uniform Dead load 79 #/ft full length
 24.000 in Deep 349.000 in Design length 1413 # Minimum Shear
 23.141 in Effective Depth 222 in 4 Ix 204 in 4 Minimum Ix
 21.000 in Clear Depth L/ 450 Live Defl L/ 359 SJI Defl
 493263 in-#Moment 1.000 in Chord gap 0.352 in Camber
 48.000 in Interior Panel 27.250 in Left end 27.250 in Right end
 7 Web Vees 5653 # SJI reaction 5653 # SJI reaction

Top Chord: 2-L26-1.50x172 A = 0.973 Y = 0.438 Fy = 50000 Q = 1.000
 Bridg < 151" Ix= 0.205 Iy= 1.061 Rx = 0.459 Ry = 1.044 Rz = 0.294
 Center: L = 24.000 P = -21316 Pnx/Ω= -26077 M = 777 2 Fillers
 Sixth: L = 24.000 P = -19703 Pnz/Ω= -22185 No Fillers
 Tag end panl: L = 27.250 P = -9572 Pnx/Ω= -14010 M = 1709 No Filler
 First point: P = -9572 Pn/Ω = -26266 M = 2597
 Chord shear: V = 4329 C = 14864 fv = 8390 fc = 15280 f = 11347

Bearing seats: Tag End 26-1.50x172 Weld 2.21"
 Opposite End 26-1.50x172 Weld 2.21"

Bot Chord: 2-L22-1.50x125 A = 0.719 Y = 0.421 Fy = 50000 Q = 0.961
 Ix= 0.156 Iy= 0.765 Rx = 0.465 Ry = 1.032 Rz = 0.296
 Center: L = 48.000 P = 20913 Pn/Ω = 21563
 Chord shear: V = 5212 T = 11236 fv = 13899 ft = 15632 f = 15946

Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	61.4	48.4	5212	10899	QD-7/8 RD	0.601	0.219	16236	1.2	
V 1	33.4	27.7	-923	-1105	1L01-1.00x109	0.206	0.196z	-2408	0.4	1.7/ 2.1
C 1	27.4	26.1	-4329	-4877	1L22-1.50x125	0.359	0.296z	-5070	1.3	2.2/ 2.4
T 2	46.0	33.3	3499	5041	1L10-1.25x109	0.261	0.247z	7819	1.6	2.2/ 2.7
V 2	0.0	23.1	-852	-852	1L01-1.00x109	0.206	0.196z	-3489	0.5	1.8/ 1.8
C 2	46.0	33.3	-2721	-3921	1L13-1.25x125	0.297	0.246z	-4177	1.1	2.2/ 2.7
T 3	46.0	33.3	1944	2801	1L01-1.00x109	0.206	0.196z	6184	1.0	1.9/ 2.4
V 3	0.0	23.1	-876	-876	1L01-1.00x109	0.206	0.196z	-3489	0.5	1.8/ 1.8
C 3	46.0	33.3	-1413	-2036	1L10-1.25x109	0.261	0.247z	-3664	0.6	2.2/ 2.7
T 4	46.0	33.3	1413	2036	1L01-1.00x109	0.206	0.196z	6184	1.0	1.9/ 2.4
V 4	0.0	23.1	-884	-884	1L01-1.00x109	0.206	0.196z	-3489	0.5	1.8/ 1.8

Net Uplift:

Top Chord Center: P = 3070 Pn/Ω = 29185
 Bot Chord Center: P = -3012 Pnz/Ω= -4122 No Fillers
 end Web Diagonal: P = -1570 Pn/Ω = -2285

Job #17-0003 3K -

By SUE 14:43 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: SEQ #3 LOW ROOF

J6 1 - 28K10/0/-56 x 54' 9.000 Special Crimped angle
Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						52.500
Opp	5.000	2.500						52.500

Uniform UpLf load -56 #/ft full length
 Uniform SJI load 226 #/ft full length
 Uniform Live load 110 #/ft full length
 Uniform Dead load 116 #/ft full length
 ONE ROW 7/16 LARGE CLIPS AT 26-4 1/2 FTE OAL
 28.000 in Deep 653.000 in Design length 1535 # Minimum Shear
 26.866 in Effective Depth 502 in4 Ix 474 in4 Minimum Ix
 24.000 in Clear Depth L/ 438 Live Defl L/ 213 SJI Defl
 1002650 in-#Moment 1.000 in Chord gap 1.234 in Camber
 48.000 in Interior Panel 31.250 in Left end 31.250 in Right end
 13 Web Vees 6142 # SJI reaction 6142 # SJI reaction

Top Chord: 2-L42-2.00x188 A = 1.433 Y = 0.569 Fy = 50000 Q = 1.000
 Bridg < 179" Ix= 0.546 Iy= 2.185 Rx = 0.617 Ry = 1.235 Rz = 0.394
 Center: L = 24.000 P = -37321 Pnx/Ω= -40407 M = 451 2 Fillers
 12th: L = 24.000 P = -36514 Pnz/Ω= -36907 No Fillers
 Tag end panl: L = 31.250 P = -10992 Pnx/Ω= -24417 M = 1290 No Filler
 First point: P = -10992 Pn/Ω = -38699 M = 2012
 Chord shear: V = 5260 C = 17155 fv = 6995 fc = 11969 f = 9205

Bearing seats: Tag End 26-1.50x172 Weld 2.40"
 Opposite End 26-1.50x172 Weld 2.40"

Bot Chord: 2-L4A-2.00x176 A = 1.346 Y = 0.565 Fy = 50000 Q = 0.981
 Ix= 0.516 Iy= 2.042 Rx = 0.619 Ry = 1.232 Rz = 0.394
 Center: L = 48.000 P = 37119 Pn/Ω = 40381
 Chord shear: V = 5848 T = 12921 fv = 8307 ft = 9599 f = 9594

Job #17-0003 3K -

By SUE 14:43 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: SEQ #3 LOW ROOF

J6 1 - 28K10/0/-56 x 54' 9.000 Special Crimped angle
Parallel chord Shortspan

	Web	Anagl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
	T 1	62.0	57.2	5848	12451	S1-1 SQ	0.999	0.282	26982	1.3	
	V 1	35.6	33.1	-633	-778	1L01-1.00x109	0.206	0.196z	-1902	0.3	2.4/ 2.7
	C 1	24.1	29.4	-5260	-5761	1L23-1.50x140	0.400	0.295z	-5852	1.4	2.7/ 2.9
	T 2	41.8	36.0	4740	6356	1L10-1.25x109	0.261	0.247z	7819	2.0	2.7/ 3.1
	V 2	0.0	26.9	-537	-537	1L01-1.00x109	0.206	0.196z	-2859	0.4	2.3/ 2.3
	C 2	41.8	36.0	-4289	-5751	1L22-1.50x125	0.359	0.296z	-5773	1.5	3.0/ 3.4
	T 3	41.8	36.0	3837	5146	1L10-1.25x109	0.261	0.247z	7819	1.6	2.7/ 3.1
	V 3	0.0	26.9	-574	-574	1L01-1.00x109	0.206	0.196z	-2859	0.4	2.3/ 2.3
	C 3	41.8	36.0	-3386	-4540	1L20-1.50x109	0.315	0.297z	-4951	1.4	3.0/ 3.4
	T 4	41.8	36.0	2935	3935	1L10-1.25x109	0.261	0.247z	7819	1.2	2.7/ 3.1
	V 4	0.0	26.9	-602	-602	1L01-1.00x109	0.206	0.196z	-2859	0.4	2.3/ 2.3
	C 4	41.8	36.0	-2483	-3330	1L13-1.25x125	0.297	0.246z	-3680	0.9	2.7/ 3.1
	T 5	41.8	36.0	2032	2724	1L01-1.00x109	0.206	0.196z	6184	1.0	2.5/ 2.9
	V 5	0.0	26.9	-622	-622	1L01-1.00x109	0.206	0.196z	-2859	0.4	2.3/ 2.3
	C 5	41.8	36.0	-1580	-2119	1L10-1.25x109	0.261	0.247z	-3240	0.7	2.7/ 3.1
	T 6	41.8	36.0	1535	2059	1L01-1.00x109	0.206	0.196z	6184	1.0	2.5/ 2.9
	V 6	0.0	26.9	-634	-634	1L01-1.00x109	0.206	0.196z	-2859	0.4	2.3/ 2.3
	C 6	41.8	36.0	-1535	-2059	1L10-1.25x109	0.261	0.247z	-3240	0.6	2.7/ 3.1
	T 7	41.8	36.0	1535	2059	1L01-1.00x109	0.206	0.196z	6184	1.0	2.5/ 2.9
	V 7	0.0	26.9	-638	-638	1L01-1.00x109	0.206	0.196z	-2859	0.4	2.3/ 2.3

Net Uplift:

Top Chord Center: P = 9259 Pn/Ω = 42999
 Bot Chord Center: P = -9209 Pnz/Ω = -13686 No Fillers
 end Web Diagonal: P = -3089 Pn/Ω = -4516

Job #17-0003 3P -

By SUE 14:43 Entered 06/14/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #3

J5 2 - 12K1/0/-50 x 16'11.000 Special Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						29.500
Opp	5.000	2.500			E 0' 1.000			29.500

Uniform UpLf load -50 #/ft full length
 Uniform SJI load 340 #/ft full length
 Uniform Live load 238 #/ft full length
 Uniform Dead load 102 #/ft full length

TC conc loads:	Load	Spacing	Location	Point	Type
	1300	13'5-1/2	13'5-1/2	U12	Wind
12.000 in Deep		199.000 in Design length		705 #	Minimum Shear
11.295 in Effective Depth		32 in4 Ix		29 in4	Minimum Ix
9.500 in Clear Depth		L/ 455 Live Defl		L/ 319	SJI Defl
138257 in-#Moment		0.500 in Chord gap		0.115 in	Camber
24.000 in Interior Panel		15.500 in Left end		15.500 in	Right end
7 Web Vees		2820 # SJI reaction		2820 #	SJI reaction
				0.000 in	Opp TCX Defl

Top Chord:	2-L20-1.50x109	A = 0.630	Y = 0.415	Fy = 50000	Q = 0.905
Bridg < 118"	Ix= 0.138	Iy= 0.417	Rx = 0.467	Ry = 0.813	Rz = 0.297
Center:	L = 24.000	P = -12241	Pnz/Ω= -13423	M = 677	No Fillers
Tag end panl:	L = 15.500	P = -6331	Pnx/Ω= -12863	M = 280	No Filler
First point:		P = -6331	Pn/Ω = -17016	M = 1143	

Bearing seats:	Tag End	26-1.50x172	Weld	1.74"
	Opposite End	26-1.50x172	Weld	1.74"

Bot Chord:	2-L01-1.00x109	A = 0.412	Y = 0.290	Fy = 50000	Q = 1.000
	Ix= 0.039	Iy= 0.159	Rx = 0.307	Ry = 0.621	Rz = 0.196
Center:	L = 24.000	P = 12241	Pn/Ω = 12367		
Chord shear:	V = 2600	T = 7905	fv = 11928	ft = 19175	f = 15304

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	67.67	29.73	2600	6845	0.625	0.307	0.156	8283
V 1	46.73	16.48	581	-848	0.563	0.249	0.141	-3316
C 1	46.73	16.48	2041	-2977	0.563	0.249	0.141	-3316
T 2	46.73	16.48	1360	1985	0.563	0.249	0.141	7468
C 2	46.73	16.48	1360	-1985	0.563	0.249	0.141	-3316
T 3	46.73	16.48	705	1029	0.500	0.196	0.125	5890
C 3	46.73	16.48	705	-1029	0.500	0.196	0.125	-2101
T 4	46.73	16.48	705	1029	0.500	0.196	0.125	5890

Net Uplift:	Top Chord Center:	P = 1800	Pn/Ω = 18907	
	Bot Chord Center:	P = -1800	Pnz/Ω= -4148	No Fillers
	end Web Diagonal:	P = -1006	Pn/Ω = -1576	

Job #17-0003 3V -

By SUE 14:43 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #3 LOW ROOF

J3 3 - 12K1/0/-56 x 6' 9.500 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						28.750
Opp	5.000	2.500						28.750

Uniform UpLf load -56 #/ft full length
 Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 77.500 in Design length 444 # Minimum Shear
 11.351 in Effective Depth 31 in4 Ix 7 in4 Minimum Ix
 9.750 in Clear Depth L/3286 Live Defl L/3286 SJI Defl
 38467 in-#Moment 0.500 in Chord gap 0.017 in Camber
 24.000 in Interior Panel 14.750 in Left end 14.750 in Right end
 2 Web Vees 1776 # SJI reaction 1776 # SJI reaction

Top Chord: 2-L13-1.25x125 A = 0.594 Y = 0.359 Fy = 50000 Q = 1.000
 Bridg < 104" Ix= 0.088 Iy= 0.308 Rx = 0.385 Ry = 0.720 Rz = 0.246
 Center: L = 14.750 P = -3389 Pnz/Ω= -12318 M = 361 No Fillers
 Tag end panl: L = 14.750 P = -3389 Pnx/Ω= -12318 M = 361 No Filler
 First point: P = -3389 Pn/Ω = -16031 M = 1771

Bearing seats: Tag End 26-1.50x172 Weld 0.96"
 Opposite End 26-1.50x172 Weld 0.96"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 3031 Pn/Ω = 12367
 Chord shear: V = 1438 T = 3031 fv = 6596 ft = 7354 f = 7552

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	67.01	29.06	1438	3681	0.500	0.196	0.125	5301
V 1	46.59	16.52	900	-1309	0.500	0.196	0.125	-2091
C 1	46.59	16.52	550	-800	0.500	0.196	0.125	-2091

Net Uplift:

Top Chord Center: P = 345 Pn/Ω = 17813
 Bot Chord Center: P = -309 Pnz/Ω= -4148 No Fillers
 end Web Diagonal: P = -375 Pn/Ω = -676

Job #17-0003 3V -

By SUE 14:43 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #3 LOW ROOF

J4 2 - 12K1/0/-56 x 13'10.500 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						35.250
Opp	5.000	2.500						35.250

Uniform UpLf load -56 #/ft full length
 Uniform SJI load 510 #/ft full length
 Uniform Live load 438 #/ft full length
 Uniform Dead load 72 #/ft full length

12.000 in Deep	162.500 in Design length	863 # Minimum Shear
11.283 in Effective Depth	35 in4 Ix	29 in4 Minimum Ix
9.500 in Clear Depth	L/ 496 Live Defl	L/ 426 SJI Defl
137238 in-#Moment	0.563 in Chord gap	0.076 in Camber
24.000 in Interior Panel	21.250 in Left end	21.250 in Right end
5 Web Vees	3453 # SJI reaction	3453 # SJI reaction

Top Chord: 2-L23-1.50x140 A = 0.801 Y = 0.427 Fy = 50000 Q = 1.000
 Bridg < 119" Ix= 0.172 Iy= 0.538 Rx = 0.463 Ry = 0.820 Rz = 0.295
 Center: L = 24.000 P = -12163 Pnz/Ω= -18311 M = 1011 No Fillers
 Tag end panl: L = 21.250 P = -8846 Pnx/Ω= -14809 M = 1288 No Filler
 First point: P = -8846 Pn/Ω = -21622 M = 2221

Bearing seats: Tag End 26-1.50x172 Weld 1.66"
 Opposite End 26-1.50x172 Weld 1.66"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 12163 Pn/Ω = 12367
 Chord shear: V = 3002 T = 9993 fv = 13770 ft = 24241 f = 18345

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	71.26	35.11	3002	9342	0.688	0.372	0.172	10038
V 1	46.76	16.47	992	-1448	0.563	0.249	0.141	-3319
C 1	46.76	16.47	2040	-2978	0.563	0.249	0.141	-3319
T 2	46.76	16.47	1020	1489	0.563	0.249	0.141	7468
C 2	46.76	16.47	1020	-1489	0.563	0.249	0.141	-3319
T 3	46.76	16.47	863	1260	0.563	0.249	0.141	7468

Net Uplift:
 Top Chord Center: P = 1335 Pn/Ω = 24024
 Bot Chord Center: P = -1335 Pnz/Ω= -4148 No Fillers
 end Web Diagonal: P = -1026 Pn/Ω = -1659

Job #17-0003 3V -

By SUE 14:43 Entered 05/18/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: SEQ #3 LOW ROOF

J7A 1 - 12K3/0/-42 x 7' 3.000 Rod web Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						31.500
Opp	5.000	2.500						31.500

Uniform UpLf load -42 #/ft full length
 Uniform SJI load 550 #/ft full length
 Uniform Live load 550 #/ft full length
 Uniform Dead load 0 #/ft full length
 12.000 in Deep 83.000 in Design length 476 # Minimum Shear
 11.351 in Effective Depth 31 in4 Ix 8 in4 Minimum Ix
 9.750 in Clear Depth L/2675 Live Defl L/2675 SJI Defl
 44281 in-#Moment 0.500 in Chord gap 0.020 in Camber
 24.000 in Interior Panel 17.500 in Left end 17.500 in Right end
 2 Web Vees 1902 # SJI reaction 1902 # SJI reaction

Top Chord: 2-L13-1.25x125 A = 0.594 Y = 0.359 Fy = 50000 Q = 1.000
 Bridg < 104" Ix= 0.088 Iy= 0.308 Rx = 0.385 Ry = 0.720 Rz = 0.246
 Center: L = 17.500 P = -3901 Pnz/Ω = -11064 M = 764 No Fillers
 Tag end panl: L = 17.500 P = -3901 Pnx/Ω = -11064 M = 764 No Filler
 First point: P = -3901 Pn/Ω = -16031 M = 1980

Bearing seats: Tag End 26-1.50x172 Weld 1.02"
 Opposite End 26-1.50x172 Weld 1.02"

Bot Chord: 2-L01-1.00x109 A = 0.412 Y = 0.290 Fy = 50000 Q = 1.000
 Ix= 0.039 Iy= 0.159 Rx = 0.307 Ry = 0.621 Rz = 0.196
 Center: L = 24.000 P = 3477 Pn/Ω = 12367
 Chord shear: V = 1501 T = 3477 fv = 6886 ft = 8434 f = 8074

Web	Angle	Length	Shear	Force	Diameter	Area	R	Pn/Ω
T 1	68.95	31.61	1501	4180	0.563	0.249	0.141	6722
V 1	46.59	16.52	964	-1403	0.500	0.196	0.125	-2091
C 1	46.59	16.52	550	-800	0.500	0.196	0.125	-2091

Net Uplift:
 Top Chord Center: P = 298 Pn/Ω = 17813
 Bot Chord Center: P = -266 Pnz/Ω = -4148 No Fillers
 end Web Diagonal: P = -319 Pn/Ω = -918

Job #17-0003 W3 -

By SUE 14:44 Entered 06/14/17 Revised 02/07/23

Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.
Comments: SEQ #3

J7 2 - 24K5/0/-50 x 42' 3.000 Special Crimped angle
Parallel chord Shortspan

End	Length	Depth	Slope	Holes	Top Chord Ext	BCX Holdback	Pitch	EP/#1L
Tag	5.000	2.500						48.000
Opp	5.000	2.500			E 0' 1.000			48.000

Uniform UpLf load -50 #/ft full length
Uniform SJI load 187 #/ft full length
Uniform Live load 103 #/ft full length
Uniform Dead load 84 #/ft full length

TC conc loads:	Load	Spacing	Location	Point	Type
	1300	37'1-1/2	37'1-1/2	U18	Wind
		5'1-1/2			

ONE ROW 7/16 LARGE CLIPS @ 20-2 1/2 FTE OAL

24.000 in Deep 503.000 in Design length 981 # Minimum Shear
23.146 in Effective Depth 213 in4 Ix 204 in4 Minimum Ix
21.000 in Clear Depth L/ 433 Live Defl L/ 239 SJI Defl
493263 in-#Moment 1.000 in Chord gap 0.732 in Camber
48.000 in Interior Panel 29.750 in Left end 29.750 in Right end
10 Web Vees 3923 # SJI reaction 3923 # SJI reaction
0.000 in Opp TCX Defl

Top Chord:	2-L24-1.50x156	A = 0.887	Y = 0.432	Fy = 50000	Q = 1.000
Bridg < 151"	Ix= 0.188	Iy= 0.960	Rx = 0.461	Ry = 1.040	Rz = 0.295
Center:	L = 24.000	P = -21117	Pnx/Ω= -23810	M = 374	4 Fillers
Eighth:	L = 24.000	P = -19564	Pnz/Ω= -20261		No Fillers
Tag end panl:	L = 29.750	P = -7334	Pnx/Ω= -11366	M = 973	No Filler
First point:		P = -7334	Pn/Ω = -23958	M = 1505	
Chord shear:	V = 3227	C = 11802	fv = 6894	fc = 13300	f = 9579

Bearing seats: Tag End 26-1.50x172 Weld 1.69"
Opposite End 26-1.50x172 Weld 1.69"

Bot Chord:	2-L22-1.50x125	A = 0.719	Y = 0.421	Fy = 50000	Q = 0.961
	Ix= 0.156	Iy= 0.765	Rx = 0.465	Ry = 1.032	Rz = 0.296
Center:	L = 48.000	P = 21311	Pn/Ω = 21563		
Chord shear:	V = 3691	T = 8891	fv = 9842	ft = 12370	f = 11624

Job #17-0003 W3 -

By SUE 14:44 Entered 06/14/17 Revised 02/07/23

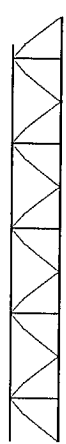
Customer: CUSTOM IRON WORKS, INC.

Project: SYCAMORE PARK COMM CENTER
SYCAMORE, IL

Designed per Steel Joist Institute Standard Specifications 44th edition ASD.

Comments: SEQ #3

J7 2 - 24K5/0/-50 x 42' 3.000 Special Crimped angle
Parallel chord Shortspan



Web	Angl	Lngh	Shear	Force	Member	Area	R	Pn/Ω	Weld	T-Av1W-B
T 1	63.3	51.5	3691	8211	QH-15/16 RD	0.691	0.234	18658	1.0	
V 1	35.1	28.3	-494	-604	1L01-1.00x109	0.206	0.196z	-2353	0.4	1.8/ 2.1
C 1	30.3	26.8	-3227	-3735	1L13-1.25x125	0.297	0.246z	-4213	1.0	2.0/ 2.2
T 2	46.0	33.3	2807	4044	1L10-1.25x109	0.261	0.247z	7819	1.2	2.2/ 2.7
V 2	0.0	23.1	-433	-433	1L01-1.00x109	0.206	0.196z	-3488	0.5	1.8/ 1.8
C 2	46.0	33.3	-2433	-3505	1L10-1.25x109	0.261	0.247z	-3664	1.1	2.2/ 2.7
T 3	46.0	33.3	2059	2966	1L01-1.00x109	0.206	0.196z	6184	1.0	1.9/ 2.4
V 3	0.0	23.1	-457	-457	1L01-1.00x109	0.206	0.196z	-3488	0.5	1.8/ 1.8
C 3	46.0	33.3	-1684	-2426	1L10-1.25x109	0.261	0.247z	-3664	0.7	2.2/ 2.7
T 4	46.0	33.3	1310	1887	1L01-1.00x109	0.206	0.196z	6184	1.0	1.9/ 2.4
V 4	0.0	23.1	-472	-472	1L01-1.00x109	0.206	0.196z	-3488	0.5	1.8/ 1.8
C 4	46.0	33.3	-981	-1413	1L01-1.00x109	0.206	0.196z	-1910	0.4	1.9/ 2.4
T 5	46.0	33.3	981	1413	1L01-1.00x109	0.206	0.196z	6184	1.0	1.9/ 2.4
V 5	0.0	23.1	-480	-480	1L01-1.00x109	0.206	0.196z	-3488	0.5	1.8/ 1.8
C 5	46.0	33.3	-981	-1413	1L01-1.00x109	0.206	0.196z	-1910	0.4	1.9/ 2.4

Net Uplift:

Top Chord Center: P = 5641 Pn/Ω = 26620
 Bot Chord Center: P = -5693 Pnx/Ω = -98063 Fillers
 end Web Diagonal: P = -2193 Pn/Ω = -2664



1725 Huntwood Drive
Cherry Valley, IL 61016
Ph: (815) 332-8600

Submittal

Job: 216-095
Sycamore Park District
480 South Airport Road
Sycamore, IL 60178

Spec Section No: 05 2100
Submittal No: 2
Revision No: 1
Sent Date: 03/07/2017

Spec Section Title: Steel Joist
Submittal Title: Steel Joist Shop Drawings Resubmittal

Contractor:
RINGLAND-JOHNSON
Michelle Dittbenner

Contractor's Stamp

THIS SUBMITTAL HAS BEEN REVIEWED FOR CONFORMANCE TO THE PLANS & SPECIFICATIONS. FINAL RESPONSIBILITY FOR CONFORMANCE, AS WELL AS QUANTITIES AND DIMENSIONS, LIES WITH THE SUB/SUPPLIER. THIS REVIEW DOES NOT RELIEVE THE SUB/SUPPLIER OF RESPONSIBILITY FOR ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS.



Architect:
Farnsworth Group, Inc
Draeger, Douglas

Architect's Stamp

Engineer:


Engineer's Stamp

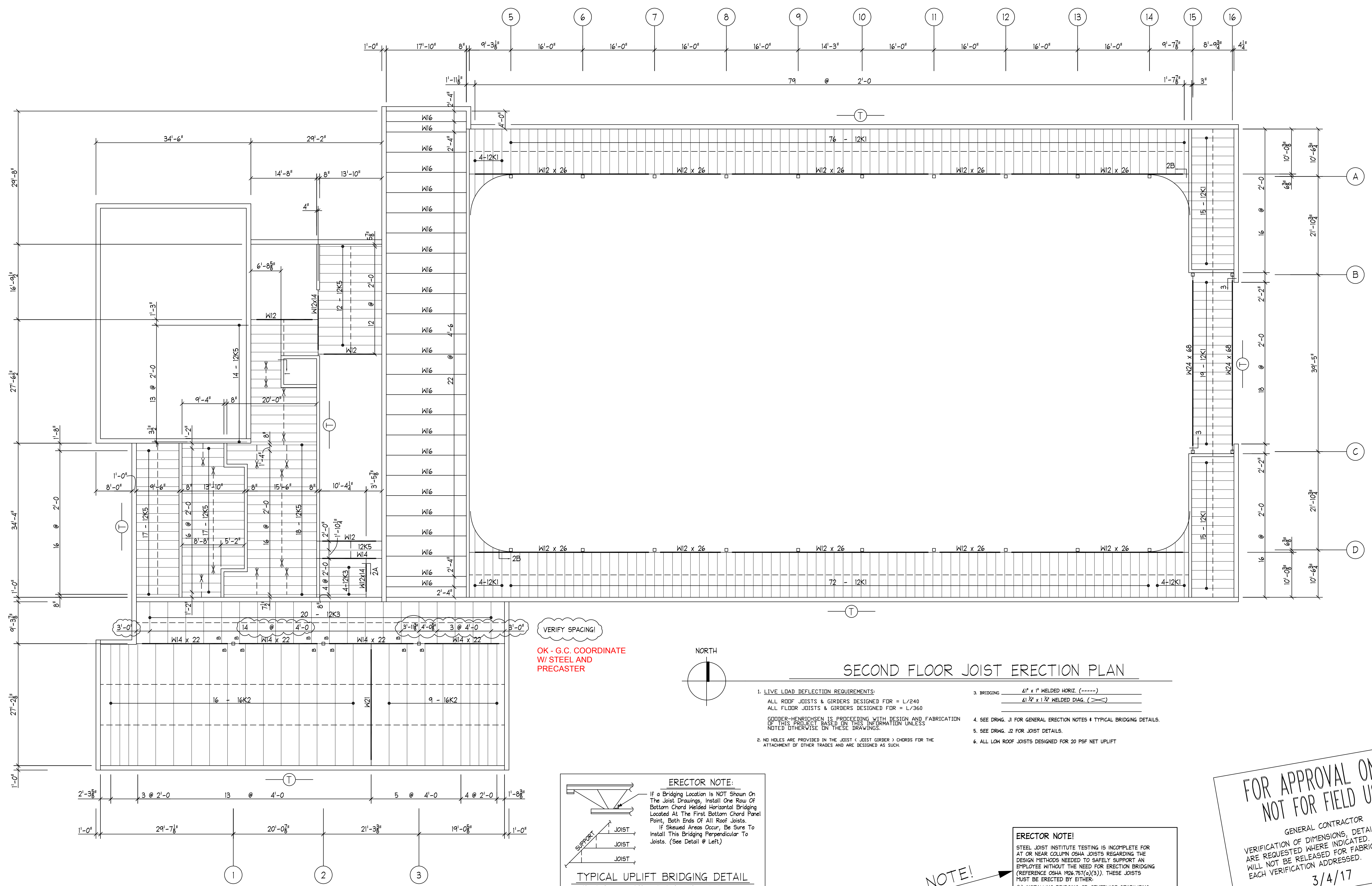
Furnish as Corrected

This review is only for general conformance with the design concept of the project and general compliance with the information given in the Contract Documents. Corrections and comments made on the shop drawings and/or submittals during this review do not relieve the Contractor from compliance with the requirement of the Contract Documents. Review of a specific item shall not include review of an assembly of which the item is a component. Contractor is responsible for dimensions, lengths, elevations, and quantities which are to be confirmed and correlated at the jobsite; information that pertains to the fabrication process or to the means, methods, techniques, sequences, and procedures of construction; coordination of the work of all trades; and for performing all work in a safe and satisfactory manner.

FARNSWORTH GROUP, INC.

Date 03/14/2017 By pdodson

NOTES:
 READ ALL GENERAL NOTES ON SHEET 'J' BEFORE BEGINNING ERECTION.
 TAG END OF GIRDERS IS INDICATED BY PIECE MARK ON PLAN.
 TAG END OF JOISTS IS INDICATED BY  ON PLAN.
 ALL MATERIAL WILL BE PAINTED WITH ONE SHOP COAT OF GRAY PAINT. SEE ALSO GENERAL NOTE 8 ON SHEET 'J'.



Jeanette Freeman

From: Jeanette Freeman
Sent: Thursday, February 23, 2023 10:00 AM
To: Jeanette Freeman
Subject: FW: General Energy Follow Up - Solar Project

From: Shawn Ajazi <shawn@savewithprogressive.com>
Sent: Wednesday, February 22, 2023 6:49 PM
To: Jonelle Bailey <jonelleb@sycparks.org>; Jeff Donahoe <jeffd@sycparks.org>
Subject: General Energy Follow Up - Solar Project

Good Evening Jonelle,

I have been in discussions with General Energy and their engineering team. I received the following replies from Tony Jaswal @ General Energy regarding the following items:

We have thoroughly reviewed all the documents pertaining to our solar racking system installation at Sycamore PD (Community Center). Based on our analysis, we are suggesting to use a Sarnafil G410 or S327 slip sheet with a thickness of 60 Mil underneath our solar racking system. Doing so will ensure that we are in compliance with the roofing manufacturer's (Sika) standard practice and that the current roofing warranty remains intact.

Please see below snippet from the PV policy provided by Sika corporation for your reference. As you can see, the highlighted sections mention the approved slip sheet. Therefore, we can confidently proceed with the installation knowing that there will be no issues with maintaining the roof warranty.

Also, based on a high-level analysis conducted by our structural engineer, it appears that the roof has a weight capacity of 4 pounds per square foot, which should be sufficient to support the weight of the solar panels.

We always conduct a more detailed structural analysis which is typically completed after we get a green light to move forward with the project.

Sika - Other Rooftop PV Mounting Systems

Rooftop PV systems supplied by other vendors may be used on Sika roofs, subject to the conditions noted below. Sika assumes no warranty responsibility for the PV system, or any impact it may have on the Sarnafil® roof assembly.

The following guidelines and requirements also will help you realize the expected service life of your Sika Roofing System should you elect to proceed with the installation of a PV System, whether with SSM1 or other commercially available solutions.

With respect to any PV System installation, including SSM1, whether on a newly-installed or existing roofing system, in order for Sika to consider whether to issue or reinstate a Roofing Warranty, as the case may be, following the completion of the PV System installation:

- *For PV Systems using racking systems other than SSM1, Sarnafil G410 or S327 protection sheets of a minimum 60 mil thickness must be used under the solar racking or mounting systems, each ballast pan, rail or other component in contact with the roofing membrane.*

- *PV panels cannot be adhered to Sika roofing materials*
- *The PV System shall not impede repairs of the roof membrane throughout the Roofing System's service life.*
 - o *Any PV components hindering leak investigations and/or warranty repairs are to be disconnected and removed at the building owner's expense.*
 - o *The building owner will be responsible for mitigating any hazards (including but not limited to electrical) and ensuring that areas to be investigated and/or repaired under warranty are safe.*

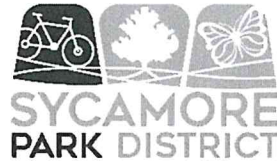
Please let me know if there are any additional questions and I would be happy to attend the board meeting to be available to address any other board questions.

Shawn Ajazi | Vice President
Progressive Business Solutions
1981 W Downer Place Suite 402, Aurora IL 60506
Direct (630) 882-5126 | Cell (630) 886-9800 | shawn@savewithprogressive.com

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Save a tree. Please consider the environment before printing this e-mail.

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Board of Commissioners
Date of Board Meeting: February 28, 2023

Information Only

AGENDA ITEM:

Park and Construction updates

BACKGROUND INFORMATION:

Memorial Park:

- Still waiting on final permitting information and will move the trees when spring arrives.
- Signs are being designed for the overview of the course and pricing is being gathered for tee signs as well. We plan to have the scorecard be digital through a QR code.

North Grove:

- Working with Upland Designs.
- Survey is complete was posted on social media.
- Onsite community survey will be scheduled for April.

Reston Ponds:

- Waiting on schedule to post to bid in the Spring.
 - Will add an alternative bid for the gravel path at Riverside
 - Will add an alternative for the parking lot at Reston Ponds as that was not included in the original grant request.

Bridge #1: The bridge is installed and waiting on the approaches to be completed in the Spring.

Merry Oaks Sale:

- The sale of the property was completed on February 6, 2023

FISCAL IMPACT:

STAFF RECOMMENDATION:

PREPARED BY: Jonelle Bailey, Executive Director

EXECUTIVE DIRECTOR REVIEW/APPROVAL: BOARD ACTION:

JEZ

Celebrating 100 Years!

CONNECTING SYCAMORE TO WELLNESS, NATURE, AND EACH OTHER

SYCAMORE PARK DISTRICT

Look for fun events and special programs all year long as we celebrate 100 years of Sycamore Park District! Here's a sneak peek...

APRIL 10-15

Purchase a pass or membership at the Community Center and get a birthday present to celebrate its 5th birthday!

APRIL 15

Community Center 5th Anniversary Open House with free open gym, track, and fitness classes.



JUNE

Commemorative popcorn bucket and cup available to purchase and save on refills throughout the summer.

JULY 22

Cup in Hand Tournament with commemorative 100th anniversary cups



AUGUST 3

Marathon of yard games at the GoodTymes Shelter

OCTOBER

Park District history featured on Literacy Lane along the Great Western Trail

NOVEMBER 18

Enjoy a fireworks display in celebration of the Park District's birthday month! Citizens Memorial Sports Complex.



SYCAMORE PARK DEDICATION, 1924



TENNIS PROGRAM, 2008

Look inside for spring events and classes. Find even more at **SYCPARKS.ORG**

TEA FOR 3, PLEASE

Saturday, March 25 • 10:30am-12pm

Ages 2-7 with adult | Community Center

Resident \$25 | Nonresident \$30

Additional Sibling \$5 1030704-01

Registration Deadline March 7

It's a Tea Party! Bring your favorite doll or stuffed animal and invite an adult friend for lots of fun! Wear your best tea party clothes and remember to bring all your best manners. Everyone will listen to our storyteller remind us about etiquette, then we'll pose for a picture with real teacups and hats. We'll sip (or sample) tea and yummy snacks.



TWEEN FLASHLIGHT EGG HUNT

Thursday, April 6 • 7-9pm

Ages 11-13 (Grades 6-8)

Community Center

Resident or with school ID \$20

Nonresident or without ID \$25

Registration Deadline: March 30

Spring is nature's way of saying 'let's party!' Come out to play in the dark. Bring your flashlight to search for eggs, candy, and prizes. Inside there will be music, games, and activities including the Live R/C Freestyle Racing Challenge. Pizza and Pop are included.



T-REXPLORES

Wednesday, March 29

Community Center Gym

DINO HOUR

Ages 3-5 with parent10:30-11:30am1020801-01

Ages 4-6 with parent12:30-1:30pm1020801-02

Resident \$45 | Nonresident \$55

Registration Deadline: March 17.

Back by popular demand! Bring your little one for an hour of dinosaur discovery fun! You will experience real dinosaur fossils, listen to a story, make a craft to take home, and dig in the sand to assemble a dinosaur puzzle. So much fun packed into an hour.



BREAKFAST WITH THE BUNNY

Saturday, April 8 • 7:30-9:15am

All Ages | Community Center

Resident \$8 | Nonresident \$9

Advance Registration Deadline: April 1

At the Door: \$10 per person

Welcome the bunny to Sycamore and share a breakfast with family and friends. Each child takes home a special memento of the day, while supplies last. Breakfast includes eggs, sausage, pancakes, juice, and coffee.



VISIT RANGER, THE TYRANNOSAURS

11:45am-12:15pm All Ages | Community Center

Have your picture taken with a life-size Tyrannosaurus.

PICKLEBALL CLINICS

Saturday, April 15

Ages 14+ | Community Center Gym

Resident \$15 | Nonresident \$20

Must register one week in advance.

Here's your chance to learn a little more about the game and key skills to be ready to drop in on our open pickleball courts for game play! Brad Benson is a certified instructor through the Professional Pickleball Registry and is constantly learning and improving his own game participating in 4.0 tournaments every month. Equipment provided or bring your own.



TAI CHI FOR HEALTH & WELLNESS

Saturday, April 29 • 10:30am-12pm

Ages 18+ | Community Center Gym

Resident \$10/Nonresident \$15 Code 1050925-01

Registration Deadline: April 23

Celebrate International Tai Chi Day with instructor Bev Schramer. Tai Chi is an effective slow-moving exercise to improve physical and mental health which can be done seated or standing. It improves your immunities, relieves stress and anxiety, and makes you feel better about yourself. This celebration is for beginners and current students. Wheelchair accessible. Each participant will receive a certificate and fortune cookie for attending the class.



BEGINNERS 1-2:15pm **NOVICE** 2:30-3:45pm

SPRING BREAK ACTIVITIES

Advance registration required at the Community Center or online at sycparks.org.

VOLLEYBALL CLINIC

with Aggression Volleyball

Ages 8-10 W Mar 29 5-6pm 1041102-02
Resident \$7 | Nonresident \$11 Community Center Gym

Ages 11-14 W Mar 29 5-6:30pm 1041102-01
Resident \$11 | Nonresident \$16 Community Center Gym

TENNIS CLINIC

Ages 6-10 Th Mar 30 5-6pm 1031104-01
Resident \$7 | Nonresident \$13 Community Center Gym

ARTS & CRAFTS

Ages 6-10 W Mar 29 4:30-5:30pm 1030502-01

Ages 11-14 W Mar 29 5:30-6:30pm 1030502-02

Resident \$11 | Nonresident \$16 Community Center



LITTLE SPRING BREAKERS

Ages 6-10 | Kids will enjoy arts and crafts, STEM activities, gym time, trail walks, and much more. Camp will include a snack each day.

M-F Mar 27-31 9am-12pm 1030201-01
Resident \$95 | Nonresident \$105 Community Center

ALL STAR SPORTS - SESSION III

Session III	Ages	Day	Dates	Times	Resident Nonresident	Code
Jr Soccer	3-4	M	Apr 10-May 22	4:15-5pm	\$79 \$89	1031003-01
Jr. Soccer	4-6	M	Apr 10-May 22	5-6pm	\$79 \$89	1031003-02
Soccer Skills	6-8	M	Apr 10-May 22	6-7pm	\$79 \$89	1031003-03
Jr. Basketball	3-4	Tu	Apr 11-May 23	4-4:45pm	\$79 \$89	1031003-04
Jr. Basketball	4-6	Tu	Apr 11-May 23	4:45-5:45pm	\$79 \$89	1031003-05
Basketball Skills	7-10	Tu	Apr 11-May 23	5:45-6:45pm	\$79 \$89	1031003-06
Jr. T-Ball	3-4	W	Apr 12-May 24	4:15-5pm	\$79 \$89	1031003-07
Jr. T-Ball	4-6	W	Apr 12-May 24	5-6pm	\$79 \$89	1031003-08
T-ball League	4-6	W	Apr 12-May 24	6-7pm	\$100 \$110	1031003-09
Jr. Parent Tot Sports	2-3	Sa	Apr 8-May 20	9:30-10am	\$79 \$89	1031003-10
Jr. Soccer	3-4	Sa	Apr 8-May 20	10-10:45am	\$79 \$89	1031003-11
Jr. Soccer	4-6	Sa	Apr 8-May 20	10:45-11:45am	\$79 \$89	1031003-12
Jr. Multi Sports	3-4	Sa	Apr 8-May 20	12-12:45pm	\$79 \$89	1031003-13
Jr. Multi Sports	4-6	Sa	Apr 8-May 20	12:45-1:45pm	\$79 \$89	1031003-14



Mark your Calendar

Summer brochures **INCLUDING SUMMER CAMPS** arrive in mailboxes the week of April 10.

SUMMER REGISTRATION OPENS APRIL 17

Sycamore Park District
480 S. Airport Road
Sycamore, IL 60178

ECRWSS
RESIDENTIAL POSTAL PATRON
SYCAMORE, IL 60178

15¢ Bulk Rate
U.S. Postage
PAID
Permit #6
60178

SEASON PASSES ON SALE NOW!

GOLF INSTRUCTION

Registration opens at 8am on Monday, May 1 at the Pro Shop or by calling 815-895-3884.

SAY-GOLF Ages 5-12

Series 1 Mon & Wed June 12, 14, 19, 21

Series 2 Tue & Thu July 11, 13, 18, 20

Ages 5 & 6 Resident \$100* | Nonresident \$125*

Ages 7-12 Resident \$185* | Nonresident \$215*

Fee includes a limited pass which allows pass holder to play golf at Sycamore Golf Club without adult supervision on Tuesdays, Wednesdays and Thursdays. Students must make tee times and tee off between the hours of 10am and 2pm.

ADULT GROUP LESSONS

June 11, 15, 21, 22

Beginner 5:30pm & 6:15pm Intermediate 6:30pm & 7:15pm

Resident \$185 | Nonresident \$215 per series

Graduates of the Adult Lesson Academy can play golf for FREE after 6pm any day of the week with a paying playing partner.

PRIVATE LESSONS

Private instruction available from Kirk Lundbeck PGA Professional. Contact Kirk at 815-895-3884 for pricing and more information.



940 E. State Street • 815-895-3884
PLAYGOLFSYCAMORE.COM

Reasonable Rates • Immaculate Conditions • Enjoyable Pace of Play • Friendly Staff
The way golf is meant to be played!

SYCAMORE PARK DISTRICT Splash Fountain

480 Airport Road, Sycamore

15-VISIT PREPAID CARD

Ages 1+ Resident \$45 | Nonresident \$75

Sales start May 1 at the Community Center.

DAILY ADMISSION

Ages 11 months & underFREE

Ages 1+Resident \$3 | Nonresident \$5

Daily admission is non-refundable.

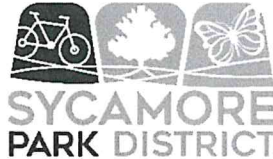
OPENING
DAY
MAY
27

DISCOUNTED PASSES FOR CHAMBERLAIN PARK POOL



With the announcement of the Sycamore Park District Community Pool permanently closing, the Genoa Township Park District will offer Sycamore residents discounted 2023 Season Passes to Chamberlain Park Pool for a limited time. We are very grateful for their support and help in continuing to provide aquatic opportunities to our community!

Now through March 31, Sycamore residents can take 15% off a seasonal pass to Genoa Township Park District Chamberlain Park Pool. To learn more visit, sycparks.org.



Board of Commissioners
Date of Board Meeting: February 28, 2023

AGENDA ITEM:

Sports and Facility Lighting

BACKGROUND INFORMATION:

ComEd has an energy efficiency program that provides significant rebates to switch older lighting to a more efficient option. ComEd has recently expanded this program to be more inclusive of municipal and government agencies.

We have been in contact with two different companies to assess our lights and see if we qualify and what the estimated costs would be to update our lights.

Facility Lighting: We have been working with Lead Electric to assess the lighting needs at the maintenance shop and the Clubhouse. (see attached documents)

Sports Lighting: We have been working with Impact lighting to assess the sports fields (see attached documents)

FISCAL IMPACT:

Maintenance building: \$37,226.88 includes removal, replacement, and labor.

- Cost to the District: \$195.38

Clubhouse: \$33,835.43 includes removal, replacement, and labor.

- Cost to the District: \$137.80

Sports lighting: \$126,250.00 includes removal, replacement, and labor.

- Cost to the District: \$0 - \$5000 depending upon the condition of the wiring and grounding for each of the poles.

STAFF RECOMMENDATION: We have called the references for Impact lighting and received a couple of references for Lead Electric – all were positive. As this will eliminate a hefty financial cost to the District, create efficiencies and cost savings we recommend approval to move forward in replacing/updating the sports and facility lights as indicated above.

PREPARED BY: Jonelle Bailey, Executive Director

EXECUTIVE DIRECTOR REVIEW/APPROVAL: BOARD ACTION:

Assessment Report

Jeff Donahoe • Sycamore Park District - Golf Club
940 East State Street, Sycamore, IL 60178-9587

Friday, February 10, 2023

Annual Energy Usage Benefit

The figures below represent your current energy use and where you'll end up after installing the recommended improvements.

Current Energy Usage

1 kWh/yr

After Installing Your Selected Improvements

-68,133 kWh/yr

Financial Benefit

ComEd provides instant incentives to reduce your upfront project costs. The table below shows your project costs before and after your instant incentives.

Cost of Selected Improvements	\$33,835.43
Total Instant Incentives from ComEd*	- \$26,958.10
Bonuses from ComEd	- \$6,739.53
Project Cost Due to Your Service Provider	\$137.80

*All incentives are subject to change and must be reserved to be guaranteed

Benefits Overview

Total Incentives

\$33,697.63

Estimated Payback Period After Incentives

0.0 years

Estimated Annual Cost Savings†

\$5,450.73

†Estimated savings based on average retail price of \$0.08 per kWh and \$0.70 per therm for commercial customers.

Environmental Impact‡

Your project can result in an annual reduction of

33 metric tons of CO₂



That's the equivalent of taking **7 cars** off the road annually!

‡Estimated CO₂ reduction assumes 4.872 * 10⁻⁴ metric tons CO₂e not emitted per kWh reduced. Estimated car removal assumes 1 vehicle removed from service reduces the same amount of CO₂e as reducing electricity production by 9444 kWh / year

Let's Explore



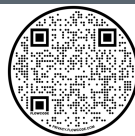
Small
Business
Assistance
Program



DX
Tune-Up



Small
Business and
Multi-Family
Loan Program



Advanced
Lighting
Controls



Distributed
Generation
Rebates
(Solar)

Prepared By

Lead Electric & Lighting Inc.

Derek LaManna

sbes@leadelectricinc.com

Applicant Information

Customer Information

Company Name: Sycamore Park District - Golf Club

Contact Name: Jeff Donahoe

Title: Superintendent of Parks & Facilities

Address: 940 East State Street, Sycamore IL, 60178 - 9587

Mailing Address: Same as facility address

Telephone: 815-770-5397

Email: jeffd@sycparks.org

ComEd Account Number: XXXXX56789

Name as it appears on electric bill: Sycamore Park District

Service Provider Information

Contracting Company Name: Lead Electric & Lighting Inc.

Title:

Address:

Contact Name: Derek LaManna

Telephone:

Email: sbes@leadelectricinc.com

Illinois Commerce Commission Certification



You acknowledged that pursuant to Section 16-128B of the Illinois Public Utilities Act, ComEd cannot issue certain incentives or rebates unless it is provided with:

- 1) Certification that measure was self-installed by the ComEd customer, or
- 2) Evidence that the measure was installed by an installer certified by the Illinois Commerce Commission

Reminder: All removed equipment must be recycled to ensure inefficient equipment is removed from the market.

You may qualify for more incentives from the ComEd Energy Efficiency Program. If so, we may contact you. For more information, visit ComEd.com/BizIncentives. You can also reach us by phone at **855-433-2700** or email us at BusinessEE@ComEd.com.

Program Offering Agreement

Work with your Service Provider to review this customized project plan. These improvements were identified during your free energy assessment. Receive an instant incentive on these improvements by completing the application, signing the program agreement and scheduling installation with your Service Provider. Your project will be installed by your Service Provider and you will only pay the balance after the incentives are applied.

Program Agreement for: Sycamore Park District - **Valid:** November 11, 2022 - December 31, 2023
Golf Club

Service Provider Company: Lead Electric & Lighting Inc. **Representative:** Derek LaManna

Energy-Saving Improvements					
Selected for Installation	Improvement Type	Proposed	Yearly Energy Cost Savings	Quantity	Total Cost
<input checked="" type="checkbox"/>	LED Retrofits	MES - 4' 3-Strip 60W 40K	\$760.65	45	\$2,880.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$333.78	45	\$1,732.50
<input checked="" type="checkbox"/>	LED Retrofits	MES 4ft 2 Strip 40W 4K Mag Kit	\$22.20	2	\$52.00
<input checked="" type="checkbox"/>	LED Retrofits	MES 4ft 2 Strip 40W 5K Mag Kit	\$44.40	4	\$104.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$19.78	4	\$154.00
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - Panther 200W Area Light	\$247.62	4	\$3,040.00
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - Lion 300W Area Light	\$373.76	2	\$2,400.00
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - 150W Post Top Fixture	\$169.36	5	\$3,100.00

Selected for Installation	Improvement Type	Proposed	Yearly Energy Cost Savings	Quantity	Total Cost
<input checked="" type="checkbox"/>	Outdoor: Networked Lighting Controls	MES - SkyFi Blu+	\$71.83	5	\$273.90
<input checked="" type="checkbox"/>	Outdoor: Networked Lighting Controls	MES - SkyFi Blu+	\$76.62	4	\$219.12
<input checked="" type="checkbox"/>	Outdoor: Networked Lighting Controls	MES - SkyFi Blu+	\$57.47	2	\$109.56
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - D2D Barn Light 35W	\$126.14	3	\$281.88
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - Standard Wall Pack 35W w/ Photocell	\$84.10	2	\$171.60
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - 30W Soffit Canopy Retrofit	\$475.38	11	\$1,173.70
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - Small Flood Light 30W	\$19.62	1	\$71.07
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - Small Flood Light 30W	\$219.58	2	\$142.14
<input checked="" type="checkbox"/>	LED Retrofits	MES 4ft 2 Strip 40W 4K Mag Kit	\$344.12	11	\$286.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$54.39	11	\$423.50
<input checked="" type="checkbox"/>	LED Retrofits	MES 2ft 2 Strip 30W 4K Mag Kit	\$81.74	6	\$138.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$22.25	6	\$231.00
<input checked="" type="checkbox"/>	LED Retrofits	MES - 4' 1-Strip 9W 40K High lumen	\$9.08	1	\$21.00
<input checked="" type="checkbox"/>	LED New Fixtures	MES - Oak 200W UFO High Bay	\$514.67	8	\$2,400.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	MES - SkyFi Blu+	\$197.79	8	\$438.24
<input checked="" type="checkbox"/>	LED New Fixtures	MES - 4FT 40W Covered Strip Fixture	\$93.85	3	\$204.72

Selected for Installation	Improvement Type	Proposed	Yearly Energy Cost Savings	Quantity	Total Cost
<input checked="" type="checkbox"/>	LED Retrofits	MES 4ft 2 Strip 40W 5K Mag Kit	\$33.30	3	\$78.00
<input checked="" type="checkbox"/>	LED Retrofits	MES 4ft 2 Strip 40W 4K Mag Kit	\$312.84	10	\$260.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$79.12	16	\$616.00
<input checked="" type="checkbox"/>	LED Retrofits	MES - 4' 4-Strip 80W 50K Mag Kit	\$343.11	20	\$1,360.00
<input checked="" type="checkbox"/>	LED Retrofits	MES - 4' 4-Strip 80W 50K Mag Kit	\$54.49	1	\$68.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$207.68	21	\$808.50

Additional Costs

Selected for Installation	Cost Type	Yearly Energy Cost Savings	Quantity	Total Cost
<input checked="" type="checkbox"/>	Labor	N/A	1	\$9,768.00
<input checked="" type="checkbox"/>	Other	N/A	4	\$20.00
<input checked="" type="checkbox"/>	Other	N/A	4	\$84.00
<input checked="" type="checkbox"/>	Lift Rental	N/A	1	\$700.00
<input checked="" type="checkbox"/>	Other	N/A	5	\$25.00

** Must Include L&B Retrofit

Energy-Saving Improvements Cost	\$23,238.43
<i>Additional Costs</i>	<i>\$10,597.00</i>
<i>Instant Incentives*</i>	<i>- \$26,958.10</i>
<i>Bonuses from ComEd</i>	<i>- \$6,739.53</i>
FINAL COST PAYABLE TO SERVICE PROVIDER	\$137.80

*Projects must be approved and incentives reserved before any work begins. If the program does not approve the project, the customer is not required to proceed with the project. Incentives stated in this report are valid for 30 days from date of assessment. If you choose to pursue identified energy-saving improvements after 30 days, please contact the program for a revised list of eligible improvements and pricing.

Terms and Conditions

Commonwealth Edison Company ("ComEd") is offering the ComEd Energy Efficiency Program ("Program") to eligible customers to facilitate the identification and implementation of cost-effective energy-efficiency improvements available for eligible non-residential customers (commercial, industrial, local governments, municipal corporations, public school districts, public universities, state and federal facilities). This Agreement sets forth the terms and conditions applicable to customer's participation in the Program. By signing below, Customer agrees to comply with and be bound by these terms.

PROGRAM YEAR

Program incentives are offered from November 11, 2022 until December 31, 2023 or when approved funding is exhausted, whichever comes first. Funds are limited and applications are accepted on a first-come, first-served basis. If funding is exhausted in a given Program Year or the Program or an offering is cancelled, only projects which have received a written pre-approval will be considered for payment of incentives.

PROGRAM ADMINISTRATOR

ComEd has contracted and authorized Resource Innovations, Inc. ("Program Administrator") to administer the Program including such activities, but not limited to; review, processing, and approval of customer applications; pre and post inspections of customer facilities and facilitate project information requests from customers, and Contractors; completion of energy assessments at customer facilities; and measurement and verification activities.

CONTRACTORS

As a convenience to customers, ComEd may provide a list of Service Providers, distributors, manufacturers, and other organizations ("Contractors") that may assist customers with the Program. Customer acknowledges that Contractors are independent contractors with respect to the Program, and that Contractors are not authorized to make representations or incur obligations on behalf of ComEd. Participation as a Contractor does not constitute an endorsement by ComEd, nor does it certify or guarantee the quality of work performed.

CUSTOMER ELIGIBILITY

- » 0 - 400 kW Peak Demand for Commercial and Industrial Businesses
- » 0 - 400 kW Peak Demand for local governments, municipal corporations, public school districts, community college districts, public universities, state and federal facilities
- » Within the ComEd service territory
- » Pay into the Energy Efficiency and Demand Response Adjustment (Rider EDA)
- » Receive electricity over ComEd wires regardless of retail electric supplier

CUSTOMER INFORMATION

By signing below, Customer authorizes and acknowledges that ComEd may duplicate, disseminate, release and disclose Customer's information relating to Customer's application (including the entirety of its contents), and any other information related to the Customer's participation in the Program, including but not limited to account information, billing data, and energy usage to Program Administrator, Contractors, and other approved third parties, as applicable, for the purposes of verifying Customer's eligibility for participation in the Program; processing the Customer's application; to verify equipment installation system operation and results; or as required to comply with

state and/or federal law, fraud prevention, regulation, and other legal action; in those cases, ComEd, Program Administrator, Contractors and approved third parties shall comply with all legal requirements of the jurisdiction of the individual whose Customer data would be disclosed before making such disclosure.

PROJECT ELIGIBILITY

Project requirements under the Program and this Offering include the following:

- » Projects must involve new equipment installed at an existing facility that results in a permanent reduction in electrical energy usage (kWh).
- » Equipment must be installed and operational.
- » Equipment must be new (not used or rebuilt, and not for resale) and used at the address for which savings are claimed.
- » Resale of replaced equipment is expressly forbidden.
- » Any measures installed at a facility must be sustainable and provide 100% of the energy benefits as stated in the application for a period of five years or for the life of the product, whichever is less. If the customer ceases to be a delivery service customer of ComEd, or removes the equipment or systems at any time during the five-year period or the life of the product, the customer may be required to return a prorated amount of incentive funds to ComEd.

Projects that are NOT eligible for an incentive include, but are not limited to, the following:

- » All accounts that an eligible large private energy customer has chosen to and been approved to opt out of the ComEd Energy Efficiency Program for the period beginning January 1, 2023 may not contribute to or participate in the ComEd Energy Efficiency Program as of January 1, 2023.
- » Fuel switching (e.g., electric to gas or gas to electric) that does not result in a reduction of total BTUs of electricity and natural gas
- » On-site electricity generation (except as part of a qualifying Combined Heat and Power project)
- » Projects involving gas-driven equipment in place of electric equipment (such as a chiller)
- » Projects focused primarily on power factor improvement
- » Projects that involve peak-shifting (and not kWh savings)
- » Renewables

APPLICATION REVIEW PROCESS

Program Administrator will review application submission packages for eligibility in the order received. Applicants who submit incomplete applications will be notified of their deficiencies upon review of the application, but could experience delays in the approval process until all requested information is submitted. Program incentives exceeding \$40,000 for an account number will require additional review. Applicants are encouraged to call 855-433-2700 if they have any questions.

INSPECTIONS

ComEd reserves the right to inspect all projects to verify compliance with Program rules and verify the accuracy of project documentation. Upon reasonable notice by ComEd, Customer must agree to provide access to project documents and the facility where the efficiency measures were installed for a period of one year after project completion. Customer authorizes ComEd to verify the actual savings from the improvements installed by reviewing three years of billing and usage data pre-installation of the measures and two years post installation of the measures.

Terms and Conditions (cont.)

EVALUATION, MEASUREMENT AND VERIFICATION

The Program is evaluated annually by an independent third-party evaluator, as required by law. Customer's completed project may be selected for evaluation. Depending on the nature of the project, evaluation may include measurement and verification (M&V), the process of monitoring, measuring and/or verifying data related to equipment operation and electrical consumption. Upon reasonable notice, Customer agrees to participate fully in the evaluation process by allowing access to the facility where the project took place and providing information and access to data required for M&V to the Program's evaluator and/or to complete a customer survey.

PROJECT COSTS

For equipment replacement items, the costs listed are estimated costs for materials. Taxes and costs above this base for items such as vapor tight fluorescent fixtures or installation equipment, e.g. lifts, are to be discussed with the customer by the Contractor. Project scope may include additional items not incentivized or listed in this report, please refer to your Contractor for additional documentation for items outside of this report. Incentive payments are issued directly to the Contractor. Customer is responsible for payment of remaining balance to the Contractor.

TOXIC MATERIALS

Neither ComEd nor its Program Administrator shall have any responsibility for the discovery, presence, handling, removal, disposal of, or exposure to hazardous materials of any kind in connection with customer's facility, including without limitation, asbestos, asbestos products, PCBs or any other toxic substances.

All materials removed, including lamps and PCB ballasts, are required to be permanently taken out of service and disposed of in accordance with local codes and ordinances, and resale of replaced equipment is not allowed. Customer understands that its Contractor is responsible for recycling and disposal of old equipment in compliance with applicable codes or ordinances. (Information about hazardous waste disposal can be found at: www.epa.gov/epawaste/hazard/index.htm).

LIMITATIONS OF LIABILITY

IN NO EVENT WILL COMED AND PROGRAM ADMINISTRATOR, BE LIABLE FOR CUSTOMER'S FAILURE TO ACHIEVE A SPECIFIED AMOUNT OF ENERGY SAVINGS, THE OPERATION OF CUSTOMER'S FACILITIES, OR THE IMPLEMENTATION OF ECMs AT CUSTOMER'S FACILITIES. IN NO EVENT WILL COMED OR PROGRAM ADMINISTRATOR BE LIABLE TO CUSTOMER FOR ANY LOST PROFITS, LOST SAVINGS OR INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, ARISING OUT OF CUSTOMER'S PARTICIPATION IN THIS OFFERING.

Each party hereby agrees to defend, indemnify and hold harmless the other party, its consultants, contractors and subcontractors, and their respective officers, employees, agents, assigns, and successors-in-interest ("Indemnified Parties") from and against any third party claims, damages, losses, liability, costs (including attorney's fees and expenses) for bodily injury to any person (including death resulting therefrom) and property damage arising out of or in connection with the Program, except to the extent such claims, damages, losses, liability and costs are caused by the negligence or willful misconduct of the other party.

DISCLAIMER

Customer shall be entitled to the energy cost savings realized by the customer that result from the installation of ECMs at the customer's site. In consideration of the services provided by ComEd as part of this

Offering, the customer agrees that ComEd is entitled to 100% of the rights and benefits associated with the measures, including without limitation PJM products and all other attributes, credits or products associated therewith under any regional initiative or federal, state or local law, program or regulation, and customer waives, and agrees not to seek, any right to the same.

ASSESSMENT REPORT

Customer understands that the Assessment Report ("Report") is provided by ComEd to assist Customer in making energy decisions and is for informational purposes only. The information in the Report is based on an on-site assessment of conditions observed at the facility address identified in Customer's application, information provided by Customer and from ComEd, and industry standard practices and costs for similar projects. The amounts provided are estimates and may vary from actual results of installed measures. This Report is not to be construed as a design document and in no way implies approval of incentive amounts or pre-approval of Customer's application. ComEd reserves the right to make final determination of customer eligibility, qualifying measures, system savings, project cost-effectiveness and final rebate amounts and the final incentive amount is based on approval of installed measures meeting all Program and Offering requirements.

NO WARRANTIES

Customer shall independently evaluate any advice or information offered by ComEd, Program Administrator or Contractors related to estimates of energy savings or project costs and is solely responsible for the selection and implementation of Energy Conservation Measures (ECMs). COMED AND PROGRAM ADMINISTRATOR MAKE NO WARRANTIES OR REPRESENTATIONS OF ANY KIND WITH RESPECT TO THE PERFORMANCE OR EFFECTIVENESS OF ANY POTENTIAL ENERGY OR COSTS SAVINGS, MEASURES IDENTIFIED, EQUIPMENT INSTALLED, MEASURES IMPLEMENTED, AND/OR SERVICES RENDERED BY ANY PERSON OR ENTITY IN CONNECTION WITH THE PROGRAM. COMED AND PROGRAM ADMINISTRATOR DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, TO THE MAXIMUM EXTENT PERMITTED UNDER LAW, WHETHER STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

GOVERNING LAW

This Agreement shall be exclusively governed by and interpreted in accordance with the laws of the state of Illinois, excluding choice of law rules. Any litigation between the parties shall be prosecuted only in the state or federal courts located in Cook County, Illinois.

PROGRAM CHANGES

ComEd reserves the right to modify, update, and amend the terms and conditions of the Program, including, but not limited to, making adjustments to incentive amounts, qualifying measures, and changing or cancelling the Program upon thirty (30) days written notice to Customer and/or Contractor. Pre-approved applications, for which the applicant has completed all Program requirements, will be processed to completion under the terms and conditions in effect at the time of the pre-approval by ComEd.

ENTIRE AGREEMENT

The terms and conditions set forth herein, including all attachments and incorporated references, constitute a complete statement of the terms and conditions applicable to Customer's participation and supersede all prior representations or understandings, whether written or oral.

Terms and Conditions (cont.)

Project Summary

Tool ID: 057312

Total Project Cost: \$33,835.43

Total Incentives: \$33,697.63

Final Cost to Customer: \$137.80

Service Provider Company Name: Lead Electric & Lighting Inc.

CUSTOMER SIGNATURE

By signing below, I certify that:

1. I certify that, as the Customer Representative, I have the authority to bind the Customer to these terms.
2. Customer agrees to the installation of the improvements with the above installation quantities as specified in the Report and that Customer will install the specified product(s) at the facility. I have been informed of the installation costs of the specified products and acknowledge and agree that the products were selected at my discretion.
3. I have read, understand and agree to comply with the terms and conditions set forth in this Agreement.
4. I agree that if I remove the energy-saving improvements installed before a period of five years or the end of the product life, whichever is less, then I shall pay back a prorated amount of incentive funds (equal to the cost of the energy-saving improvement(s)) to ComEd based on the actual period of time in which the related equipment was installed and operating (or the full amount if the equipment was never installed). I understand that this is necessary to assure that the project's related energy benefits will be achieved.
5. I consent to use of a third party service for purposes of electronically signing this Agreement and agree to be bound by electronic signature.

Customer company name

Customer representative signature

Title

Customer representative printed name

Date

Assessment Report

Jeff Donahoe • Sycamore Park District - Maintenance Facility
435 Airport Road, Sycamore, IL 60178-1111

Friday, February 10, 2023

Annual Energy Usage Benefit

The figures below represent your current energy use and where you'll end up after installing the recommended improvements.

Current Energy Usage
1 kWh/yr

After Installing Your Selected Improvements
-67,074 kWh/yr

Financial Benefit

ComEd provides instant incentives to reduce your upfront project costs. The table below shows your project costs before and after your instant incentives.

Cost of Selected Improvements	\$37,226.88
Total Instant Incentives from ComEd*	- \$29,625.20
Bonuses from ComEd	- \$7,406.30
Project Cost Due to Your Service Provider	\$195.38

*All incentives are subject to change and must be reserved to be guaranteed

Benefits Overview

Total Incentives
\$37,031.50


Estimated Payback Period After Incentives
0.0 years

Estimated Annual Cost Savings†
\$5,365.97

†Estimated savings based on average retail price of \$0.08 per kWh and \$0.70 per therm for commercial customers.

Environmental Impact‡

Your project can result in an annual reduction of
33 metric tons of CO₂



That's the equivalent of taking **7 cars** off the road annually!

‡Estimated CO₂ reduction assumes 4.872 * 10⁻⁴ metric tons CO₂e not emitted per kWh reduced. Estimated car removal assumes 1 vehicle removed from service reduces the same amount of CO₂e as reducing electricity production by 9444 kWh / year

Let's Explore

Small Business Assistance Program **DX Tune-Up** **Small Business and Multi-Family Loan Program** **Advanced Lighting Controls** **Distributed Generation Rebates (Solar)**

Prepared By

Lead Electric & Lighting Inc.

Derek LaManna
sbes@leadelectricinc.com

Applicant Information

Customer Information

Company Name: Sycamore Park District -
Maintenance Facility

Contact Name: Jeff Donahoe

Title: Superintendent of Parks & Facilities

Address: 435 Airport Road, Sycamore IL, 60178 -
1111

Mailing Address: Same as facility address

Telephone: 815-770-5397

Email: jeffd@sycparks.org

ComEd Account Number: XXXXX56789

Name as it appears on electric bill: Sycamore
Park District

Service Provider Information

Contracting Company Name: Lead Electric &
Lighting Inc.

Title:

Address:

Contact Name: Derek LaManna

Telephone:

Email: sbes@leadelectricinc.com

Illinois Commerce Commission Certification



You acknowledged that pursuant to Section 16-128B of the Illinois Public Utilities Act, ComEd cannot issue certain incentives or rebates unless it is provided with:

- 1) Certification that measure was self-installed by the ComEd customer, or
- 2) Evidence that the measure was installed by an installer certified by the Illinois Commerce Commission

Reminder: All removed equipment must be recycled to ensure inefficient equipment is removed from the market.

You may qualify for more incentives from the ComEd Energy Efficiency Program. If so, we may contact you. For more information, visit ComEd.com/BizIncentives. You can also reach us by phone at **855-433-2700** or email us at BusinessEE@ComEd.com.

Program Offering Agreement

Work with your Service Provider to review this customized project plan. These improvements were identified during your free energy assessment. Receive an instant incentive on these improvements by completing the application, signing the program agreement and scheduling installation with your Service Provider. Your project will be installed by your Service Provider and you will only pay the balance after the incentives are applied.

Program Agreement for: Sycamore Park District - **Valid:** November 11, 2022 - December 31, 2023
Maintenance Facility

Service Provider Company: Lead Electric & Lighting Inc. **Representative:** Derek LaManna

Energy-Saving Improvements					
Selected for Installation	Improvement Type	Proposed	Yearly Energy Cost Savings	Quantity	Total Cost
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - 15W Mini Wall Pack w/ Photo Cell	\$231.26	10	\$1,400.00
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - 40W LED Full Cutoff Wall Pack	\$536.11	9	\$1,530.00
<input checked="" type="checkbox"/>	Outdoor: LED New Fixtures	MES - Panther 200W Area Light	\$238.27	4	\$1,400.00
<input checked="" type="checkbox"/>	Outdoor: Networked Lighting Controls	MES - SkyFi Blu+	\$76.62	4	\$219.12
<input checked="" type="checkbox"/>	LED Retrofits	MES 4ft 2 Strip 40W 5K Mag Kit	\$96.88	24	\$624.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$118.68	24	\$924.00
<input checked="" type="checkbox"/>	LED New Fixtures	MES - Pine 220W High Bay	\$2,371.51	40	\$10,400.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	MES - SkyFi Blu+	\$1,087.87	40	\$2,191.20

Selected for Installation	Improvement Type	Proposed	Yearly Energy Cost Savings	Quantity	Total Cost
<input checked="" type="checkbox"/>	LED New Fixtures	MES - Panther 150W Area Light	\$32.80	2	\$560.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	MES - SkyFi Blu+	\$37.09	2	\$109.56
<input checked="" type="checkbox"/>	LED Retrofits	MES - 4' 3-Strip 60W 40K	\$217.98	36	\$1,368.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$267.02	36	\$1,386.00
<input checked="" type="checkbox"/>	LED Retrofits	MES 4ft 2 Strip 40W 4K Mag Kit	\$24.22	6	\$156.00
<input checked="" type="checkbox"/>	Networked Lighting Controls	TIOSL - Fixture Mounted Smart Controller	\$29.67	6	\$231.00

Additional Costs

Selected for Installation	Cost Type	Yearly Energy Cost Savings	Quantity	Total Cost
<input checked="" type="checkbox"/>	Labor	N/A	1	\$14,028.00
<input checked="" type="checkbox"/>	Lift Rental	N/A	1	\$700.00

** Must Include L&B Retrofit

Energy-Saving Improvements Cost	\$22,498.88
<i>Additional Costs</i>	<i>\$14,728.00</i>
<i>Instant Incentives*</i>	<i>- \$29,625.20</i>
<i>Bonuses from ComEd</i>	<i>- \$7,406.30</i>
FINAL COST PAYABLE TO SERVICE PROVIDER	\$195.38

*Projects must be approved and incentives reserved before any work begins. If the program does not approve the project, the customer is not required to proceed with the project. Incentives stated in this report are valid for 30 days from date of assessment. If you choose to pursue identified energy-saving improvements after 30 days, please contact the program for a revised list of eligible improvements and pricing.

Terms and Conditions

Commonwealth Edison Company ("ComEd") is offering the ComEd Energy Efficiency Program ("Program") to eligible customers to facilitate the identification and implementation of cost-effective energy-efficiency improvements available for eligible non-residential customers (commercial, industrial, local governments, municipal corporations, public school districts, public universities, state and federal facilities). This Agreement sets forth the terms and conditions applicable to customer's participation in the Program. By signing below, Customer agrees to comply with and be bound by these terms.

PROGRAM YEAR

Program incentives are offered from November 11, 2022 until December 31, 2023 or when approved funding is exhausted, whichever comes first. Funds are limited and applications are accepted on a first-come, first-served basis. If funding is exhausted in a given Program Year or the Program or an offering is cancelled, only projects which have received a written pre-approval will be considered for payment of incentives.

PROGRAM ADMINISTRATOR

ComEd has contracted and authorized Resource Innovations, Inc. ("Program Administrator") to administer the Program including such activities, but not limited to; review, processing, and approval of customer applications; pre and post inspections of customer facilities and facilitate project information requests from customers, and Contractors; completion of energy assessments at customer facilities; and measurement and verification activities.

CONTRACTORS

As a convenience to customers, ComEd may provide a list of Service Providers, distributors, manufacturers, and other organizations ("Contractors") that may assist customers with the Program. Customer acknowledges that Contractors are independent contractors with respect to the Program, and that Contractors are not authorized to make representations or incur obligations on behalf of ComEd. Participation as a Contractor does not constitute an endorsement by ComEd, nor does it certify or guarantee the quality of work performed.

CUSTOMER ELIGIBILITY

- » 0 - 400 kW Peak Demand for Commercial and Industrial Businesses
- » 0 - 400 kW Peak Demand for local governments, municipal corporations, public school districts, community college districts, public universities, state and federal facilities
- » Within the ComEd service territory
- » Pay into the Energy Efficiency and Demand Response Adjustment (Rider EDA)
- » Receive electricity over ComEd wires regardless of retail electric supplier

CUSTOMER INFORMATION

By signing below, Customer authorizes and acknowledges that ComEd may duplicate, disseminate, release and disclose Customer's information relating to Customer's application (including the entirety of its contents), and any other information related to the Customer's participation in the Program, including but not limited to account information, billing data, and energy usage to Program Administrator, Contractors, and other approved third parties, as applicable, for the purposes of verifying Customer's eligibility for participation in the Program; processing the Customer's application; to verify equipment installation system operation and results; or as required to comply with

state and/or federal law, fraud prevention, regulation, and other legal action; in those cases, ComEd, Program Administrator, Contractors and approved third parties shall comply with all legal requirements of the jurisdiction of the individual whose Customer data would be disclosed before making such disclosure.

PROJECT ELIGIBILITY

Project requirements under the Program and this Offering include the following:

- » Projects must involve new equipment installed at an existing facility that results in a permanent reduction in electrical energy usage (kWh).
- » Equipment must be installed and operational.
- » Equipment must be new (not used or rebuilt, and not for resale) and used at the address for which savings are claimed.
- » Resale of replaced equipment is expressly forbidden.
- » Any measures installed at a facility must be sustainable and provide 100% of the energy benefits as stated in the application for a period of five years or for the life of the product, whichever is less. If the customer ceases to be a delivery service customer of ComEd, or removes the equipment or systems at any time during the five-year period or the life of the product, the customer may be required to return a prorated amount of incentive funds to ComEd.

Projects that are NOT eligible for an incentive include, but are not limited to, the following:

- » All accounts that an eligible large private energy customer has chosen to and been approved to opt out of the ComEd Energy Efficiency Program for the period beginning January 1, 2023 may not contribute to or participate in the ComEd Energy Efficiency Program as of January 1, 2023.
- » Fuel switching (e.g., electric to gas or gas to electric) that does not result in a reduction of total BTUs of electricity and natural gas
- » On-site electricity generation (except as part of a qualifying Combined Heat and Power project)
- » Projects involving gas-driven equipment in place of electric equipment (such as a chiller)
- » Projects focused primarily on power factor improvement
- » Projects that involve peak-shifting (and not kWh savings)
- » Renewables

APPLICATION REVIEW PROCESS

Program Administrator will review application submission packages for eligibility in the order received. Applicants who submit incomplete applications will be notified of their deficiencies upon review of the application, but could experience delays in the approval process until all requested information is submitted. Program incentives exceeding \$40,000 for an account number will require additional review. Applicants are encouraged to call 855-433-2700 if they have any questions.

INSPECTIONS

ComEd reserves the right to inspect all projects to verify compliance with Program rules and verify the accuracy of project documentation. Upon reasonable notice by ComEd, Customer must agree to provide access to project documents and the facility where the efficiency measures were installed for a period of one year after project completion. Customer authorizes ComEd to verify the actual savings from the improvements installed by reviewing three years of billing and usage data pre-installation of the measures and two years post installation of the measures.

Terms and Conditions (cont.)

EVALUATION, MEASUREMENT AND VERIFICATION

The Program is evaluated annually by an independent third-party evaluator, as required by law. Customer's completed project may be selected for evaluation. Depending on the nature of the project, evaluation may include measurement and verification (M&V), the process of monitoring, measuring and/or verifying data related to equipment operation and electrical consumption. Upon reasonable notice, Customer agrees to participate fully in the evaluation process by allowing access to the facility where the project took place and providing information and access to data required for M&V to the Program's evaluator and/or to complete a customer survey.

PROJECT COSTS

For equipment replacement items, the costs listed are estimated costs for materials. Taxes and costs above this base for items such as vapor tight fluorescent fixtures or installation equipment, e.g. lifts, are to be discussed with the customer by the Contractor. Project scope may include additional items not incentivized or listed in this report, please refer to your Contractor for additional documentation for items outside of this report. Incentive payments are issued directly to the Contractor. Customer is responsible for payment of remaining balance to the Contractor.

TOXIC MATERIALS

Neither ComEd nor its Program Administrator shall have any responsibility for the discovery, presence, handling, removal, disposal of, or exposure to hazardous materials of any kind in connection with customer's facility, including without limitation, asbestos, asbestos products, PCBs or any other toxic substances.

All materials removed, including lamps and PCB ballasts, are required to be permanently taken out of service and disposed of in accordance with local codes and ordinances, and resale of replaced equipment is not allowed. Customer understands that its Contractor is responsible for recycling and disposal of old equipment in compliance with applicable codes or ordinances. (Information about hazardous waste disposal can be found at: www.epa.gov/epawaste/hazard/index.htm).

LIMITATIONS OF LIABILITY

IN NO EVENT WILL COMED AND PROGRAM ADMINISTRATOR, BE LIABLE FOR CUSTOMER'S FAILURE TO ACHIEVE A SPECIFIED AMOUNT OF ENERGY SAVINGS, THE OPERATION OF CUSTOMER'S FACILITIES, OR THE IMPLEMENTATION OF ECMs AT CUSTOMER'S FACILITIES. IN NO EVENT WILL COMED OR PROGRAM ADMINISTRATOR BE LIABLE TO CUSTOMER FOR ANY LOST PROFITS, LOST SAVINGS OR INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, ARISING OUT OF CUSTOMER'S PARTICIPATION IN THIS OFFERING.

Each party hereby agrees to defend, indemnify and hold harmless the other party, its consultants, contractors and subcontractors, and their respective officers, employees, agents, assigns, and successors-in-interest ("Indemnified Parties") from and against any third party claims, damages, losses, liability, costs (including attorney's fees and expenses) for bodily injury to any person (including death resulting therefrom) and property damage arising out of or in connection with the Program, except to the extent such claims, damages, losses, liability and costs are caused by the negligence or willful misconduct of the other party.

DISCLAIMER

Customer shall be entitled to the energy cost savings realized by the customer that result from the installation of ECMs at the customer's site. In consideration of the services provided by ComEd as part of this

Offering, the customer agrees that ComEd is entitled to 100% of the rights and benefits associated with the measures, including without limitation PJM products and all other attributes, credits or products associated therewith under any regional initiative or federal, state or local law, program or regulation, and customer waives, and agrees not to seek, any right to the same.

ASSESSMENT REPORT

Customer understands that the Assessment Report ("Report") is provided by ComEd to assist Customer in making energy decisions and is for informational purposes only. The information in the Report is based on an on-site assessment of conditions observed at the facility address identified in Customer's application, information provided by Customer and from ComEd, and industry standard practices and costs for similar projects. The amounts provided are estimates and may vary from actual results of installed measures. This Report is not to be construed as a design document and in no way implies approval of incentive amounts or pre-approval of Customer's application. ComEd reserves the right to make final determination of customer eligibility, qualifying measures, system savings, project cost-effectiveness and final rebate amounts and the final incentive amount is based on approval of installed measures meeting all Program and Offering requirements.

NO WARRANTIES

Customer shall independently evaluate any advice or information offered by ComEd, Program Administrator or Contractors related to estimates of energy savings or project costs and is solely responsible for the selection and implementation of Energy Conservation Measures (ECMs). COMED AND PROGRAM ADMINISTRATOR MAKE NO WARRANTIES OR REPRESENTATIONS OF ANY KIND WITH RESPECT TO THE PERFORMANCE OR EFFECTIVENESS OF ANY POTENTIAL ENERGY OR COSTS SAVINGS, MEASURES IDENTIFIED, EQUIPMENT INSTALLED, MEASURES IMPLEMENTED, AND/OR SERVICES RENDERED BY ANY PERSON OR ENTITY IN CONNECTION WITH THE PROGRAM. COMED AND PROGRAM ADMINISTRATOR DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, TO THE MAXIMUM EXTENT PERMITTED UNDER LAW, WHETHER STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

GOVERNING LAW

This Agreement shall be exclusively governed by and interpreted in accordance with the laws of the state of Illinois, excluding choice of law rules. Any litigation between the parties shall be prosecuted only in the state or federal courts located in Cook County, Illinois.

PROGRAM CHANGES

ComEd reserves the right to modify, update, and amend the terms and conditions of the Program, including, but not limited to, making adjustments to incentive amounts, qualifying measures, and changing or cancelling the Program upon thirty (30) days written notice to Customer and/or Contractor. Pre-approved applications, for which the applicant has completed all Program requirements, will be processed to completion under the terms and conditions in effect at the time of the pre-approval by ComEd.

ENTIRE AGREEMENT

The terms and conditions set forth herein, including all attachments and incorporated references, constitute a complete statement of the terms and conditions applicable to Customer's participation and supersede all prior representations or understandings, whether written or oral.

Terms and Conditions (cont.)

Project Summary

Tool ID: 057299

Total Project Cost: \$37,226.88

Total Incentives: \$37,031.50

Final Cost to Customer: \$195.38

Service Provider Company Name: Lead Electric & Lighting Inc.

CUSTOMER SIGNATURE

By signing below, I certify that:

1. I certify that, as the Customer Representative, I have the authority to bind the Customer to these terms.
2. Customer agrees to the installation of the improvements with the above installation quantities as specified in the Report and that Customer will install the specified product(s) at the facility. I have been informed of the installation costs of the specified products and acknowledge and agree that the products were selected at my discretion.
3. I have read, understand and agree to comply with the terms and conditions set forth in this Agreement.
4. I agree that if I remove the energy-saving improvements installed before a period of five years or the end of the product life, whichever is less, then I shall pay back a prorated amount of incentive funds (equal to the cost of the energy-saving improvement(s)) to ComEd based on the actual period of time in which the related equipment was installed and operating (or the full amount if the equipment was never installed). I understand that this is necessary to assure that the project's related energy benefits will be achieved.
5. I consent to use of a third party service for purposes of electronically signing this Agreement and agree to be bound by electronic signature.

Customer company name

Customer representative signature

Title

Customer representative printed name

Date



LIGHTING PROPOSAL



February 20, 2023

Jeff Donahoe
Sycamore Park District
480 Airport Rd
Sycamore, IL 60178

Proposal Number: 20230220-Sycamore_Park_District

Jeff,

I want to thank you for allowing me the opportunity to quote this LED upgrade for you. Attached, please find the energy and financial analysis I have prepared for you. Doing a lighting upgrade provides a great financial benefit as the energy savings typically outweigh the initial investment. There are, however, many other benefits that are a result of improving your lighting such as enhanced visual comfort and safety for your patrons, lowered maintenance since your LEDs can last up to 20 years and because they use less power, this helps reduce CO2 emissions.

Thank you again for your time and the opportunity. We have been able to help many clients with their lighting needs and hope for the chance to be able to serve you best.

Warm Regards,

Nick Betzold
Impact Sport Lighting, LLC
540 W Colfax Street
Palatine, IL 60067
(847) 989-5843
nick@impactsportlighting.com

SUMMARY

Net Project Cost

\$0.00

Annual Savings

\$8,694.91

Annualized ROI

0.0%

Simple Payback

0.0 Years

Total Savings Over 20 Years

\$229,410.81

RETURN ON INVESTMENT (ROI)

Total Return on Investment (ROI)

0.0%

Annualized ROI (over 20 years)

0.0%

Simple Payback

0.0 Years

PROJECT INVESTMENT

Replacement Fixtures/Bulbs	\$201,250.00
Project Cost	\$201,250.00
Total Project Cost	\$201,250.00
Rebates	-\$201,250.00
Net Project Cost	\$0.00

COST SAVINGS

Annual Energy Savings	\$8,080.00
Annual Maintenance Savings	\$614.91
Total Annual Savings	\$8,694.91
Total Savings Over 20 Years	\$229,410.81

ENERGY SAVINGS

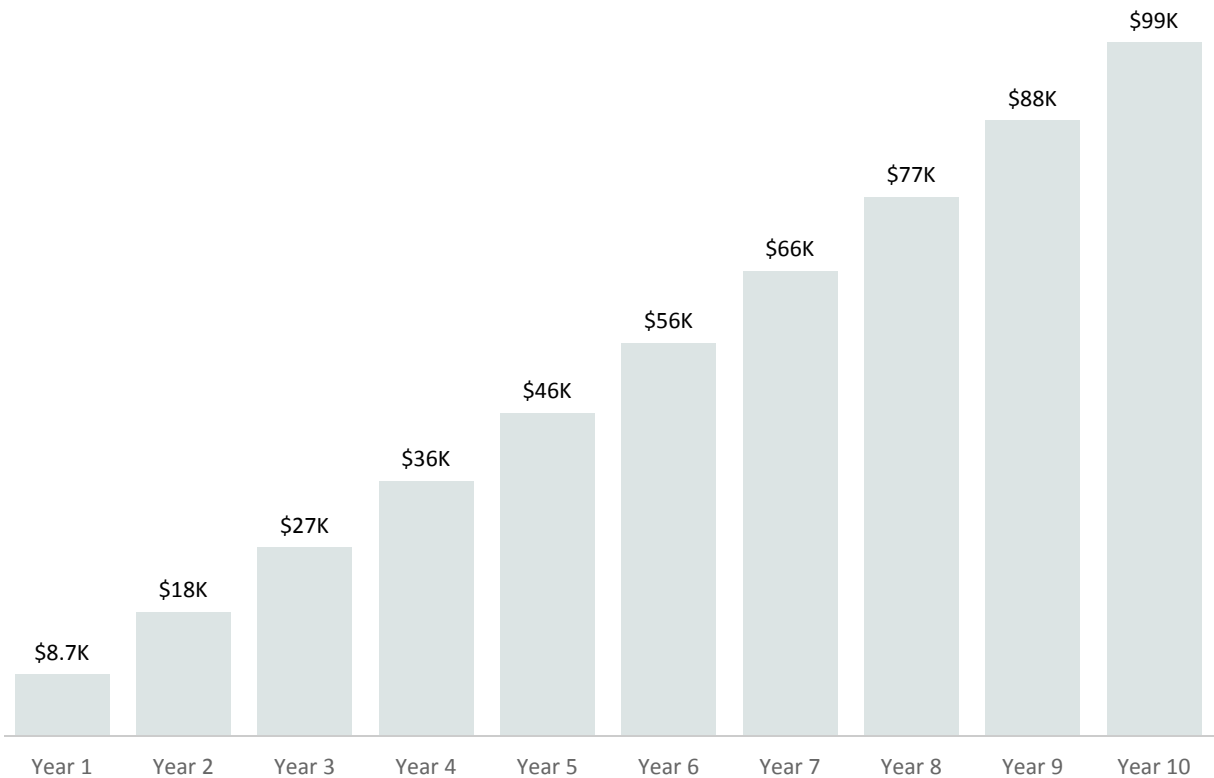
Existing Energy Usage	128,800 kWh
Proposed Energy Usage	48,000 kWh
Energy Savings	80,800 kWh
Energy Reduction	63%

CASH FLOW ANALYSIS

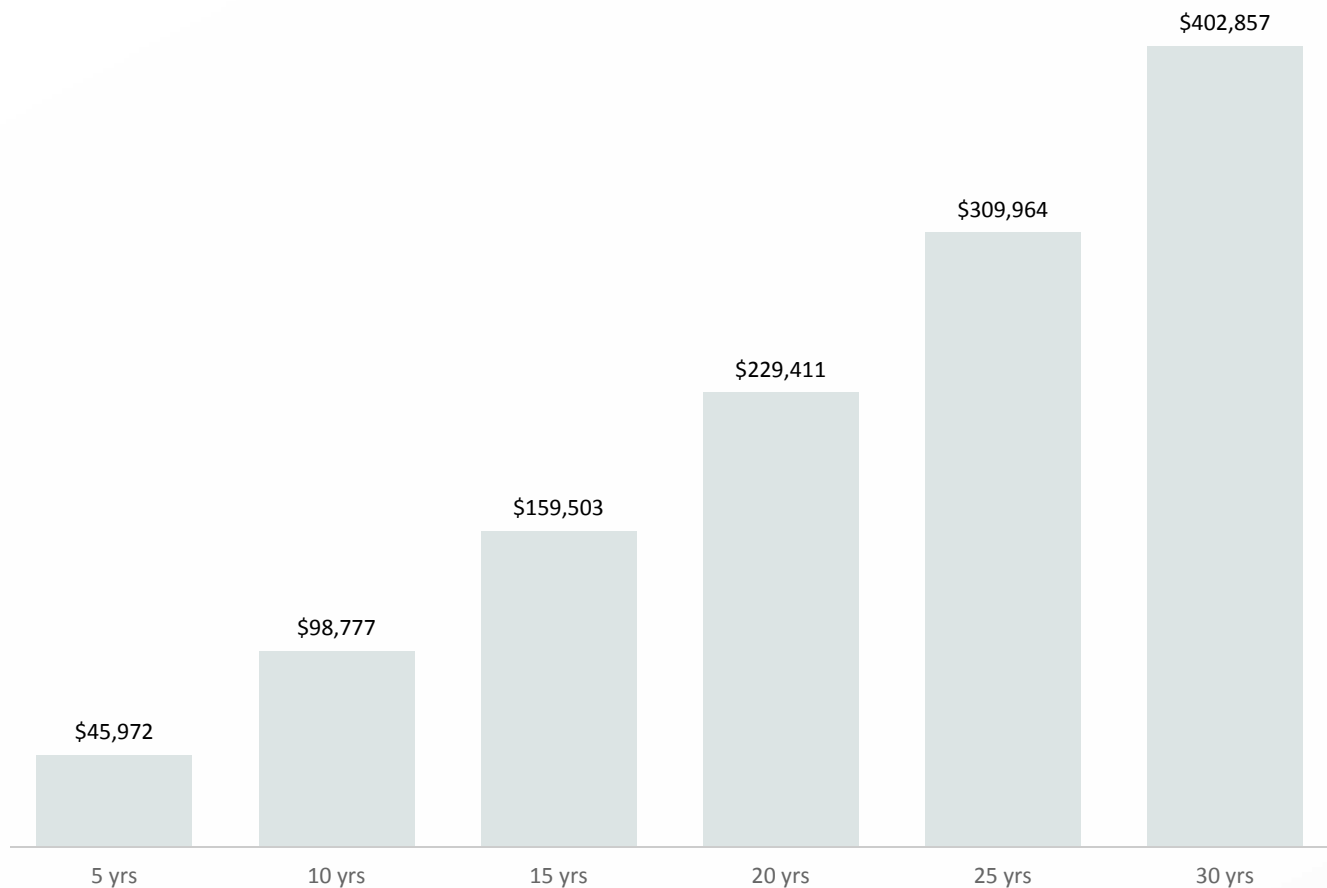
10 Year Cash Flow - Assumes annual utility escalation rate of 3%

Year	1	2	3	4	5	6	7	8	9	10
Project Cost	-	-	-	-	-	-	-	-	-	-
Energy Savings	\$8,080	\$8,322	\$8,572	\$8,829	\$9,094	\$9,367	\$9,648	\$9,937	\$10,236	\$10,543
HVAC Savings	-	-	-	-	-	-	-	-	-	-
Maint Savings	\$615	\$615	\$615	\$615	\$615	\$615	\$615	\$615	\$615	\$615
Net Cash Flow	\$8,695	\$8,937	\$9,187	\$9,444	\$9,709	\$9,982	\$10,263	\$10,552	\$10,850	\$11,157
Cum Cash Flow	\$8,695	\$17,632	\$26,819	\$36,263	\$45,972	\$55,954	\$66,217	\$76,769	\$87,620	\$98,777

Cumulative Cash Flow Chart



COST OF WAITING



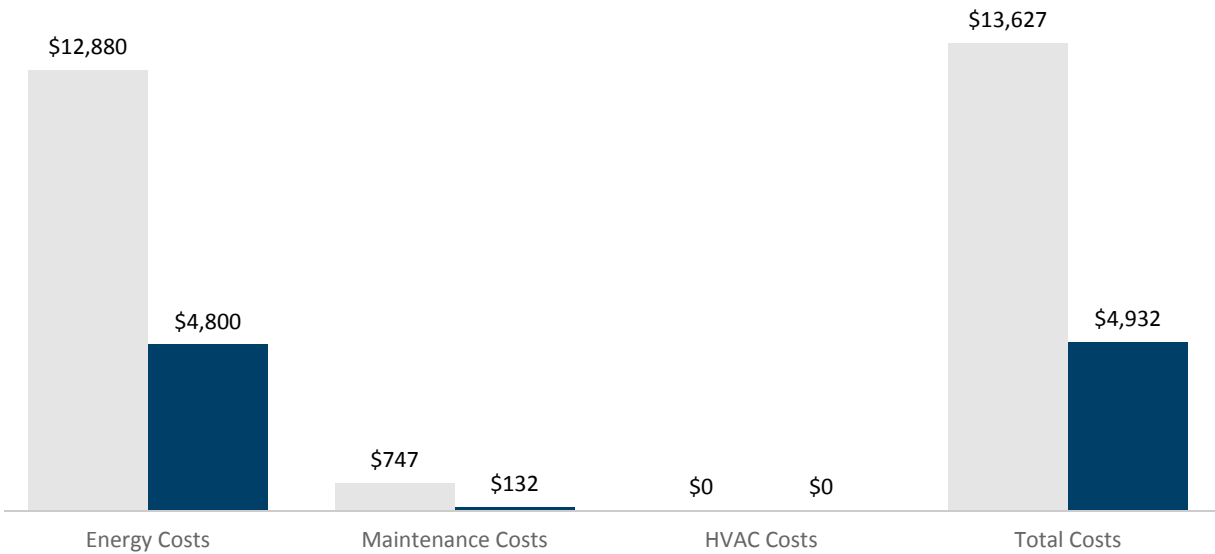
Many companies hold out on investing in energy efficient improvements because they are worried about the initial spend. The question is...does it cost to wait? The upfront investment is a small price to pay when you look at how much it will cost you if you don't upgrade. Plus, in many cases the initial investment is recouped in just a few years while you enjoy the savings over the next 20-30 years.

SAVINGS ANALYSIS

\$8,695
Annual Savings

64%
Cost Savings

- Current Costs
- Costs After Upgrades



You'll save more than just energy when you upgrade to LEDs. They use significantly less energy than older light sources and last up to 5 times longer. They also produce very little heat, which means you'll save on cooling costs too.

ENVIRONMENTAL IMPACT



TREES
PLANTED



CARBON
REDUCTION



CARS
REMOVED

DOING YOUR PART

LED lamps and tubes not only consume a fraction of the energy consumed by older lighting technologies like incandescent lamps, they can last almost five times as long. LEDs also contain no mercury. By doing nothing more than investing in this lighting upgrade, you've done your part to help future generations enjoy our planet.

FORMULAS

General Assumptions

kWh Rate	= \$0.10
Annual kWh Rate Increase	= 3.0%
Cooling Months for HVAC Savings	= 6
HVAC Coefficient	= 0.33

Energy Savings

Total Existing Watts	= Number of Fixtures x Number of Watts
Total New Watts	= Number of New Fixtures x Number of Watts
Energy Saved Watts	= Total Existing Watts - Total New Watts
% Energy Savings	= Energy Saved Watts ÷ Total Existing Watts

Maintenance Savings

Existing Lamp Replcmts/Year (ELRY)	= Operating Hours ÷ Existing Lamp Life
New Lamp Replcmts/Year (NLRV)	= Operating Hours ÷ New Lamp Life
Annual Maintenance Savings	= (ELRY - NLRV) x Existing Lamp Cost x Existing Lamps/Fixt x Existing Fixtures

HVAC Savings

HVAC Savings	= Energy Saved Watts ÷ 1000 x Oper Hrs x (Cooling Mos ÷ 12) x HVAC Coef x kWh Rate
--------------	--

Financial Savings

Existing Energy Cost	= Existing Fixture Watts x Qty Fixtures ÷ 1000 x kWh Rate
Annual Proposed Energy Cost	= New Fixture Watts x Qty Fixtures ÷ 1000 x kWh Rate
Annual Energy Savings	= Existing Energy Cost - Annual Proposed Energy Cost

Rebates

Total Fixture Rebate	= Quantity of Fixtures x Per Fixture Rebate Amount
kW Rebate	= Energy Saved Watts ÷ 1000 x kW Rebate
kWh Rebate	= Energy Saved Watts ÷ 1000 x Oper Hrs x kWh Rebate

Project Economics

Payback (Years)	= Project Cost ÷ Annual Energy Savings
Total ROI %	= Total Savings ÷ Project Cost
Annualized ROI %	= Total ROI ÷ 20 Years

MATERIALS SUMMARY

Existing Fixtures

Location	Fixture	Qty	Watts
Baseball Fields - 1500W MH Sport Lights	1500W MH Stadium Flood Light	100	1610 W
Advanced Lighting Controls - Baseball Fields - 1500W MH Sport Lights		-	- W

Proposed Fixtures

Location	Fixture	Qty	Watts	Each	Total	Labor
Baseball Fields - 1500W MH Sport Lights	ISL AXION-Series 600W/630W LED Sport Light	100	600 W	\$1,262.50	\$126,250.00	-
Advanced Lighting Controls - Baseball Fields - 1500W MH Sport Lights	Synapse Exterior Advanced Lighting Controls	100	- W	\$750.00	\$75,000.00	-



TERMS AND CONDITIONS

This Proposal includes all materials, labor, lift rentals, and any other miscellaneous items to complete this project.

Impact Sport Lighting handles all ComEd Incentives and gets paid directly by ComEd.

Total Out of Pocket Cost: \$0.00



Turn-Key Step-By-Step Project Process

- ❖ **___ Initial Meeting & Proposal**
 - ___ Discuss & Solidify Project Goals
 - ___ Determine the general Scope of Work
 - ___ Collect ComEd Bill for any Sites involved
 - ___ Determine & Proceed with Best ComEd Incentive Program for \$0 Cost Project(s)

- ❖ **___ Complete Site Assessment(s)**
 - ___ Impact Sport Lighting will go to all sites and perform a detailed comprehensive assessment of all existing lighting & related infrastructure, including voltage, mounting type, existing fixture count, pole heights, pole spacing, pole elevation differences, etc.
 - ___ At this time the baseline of the project is determined along with which IES Classification your field(s) are.

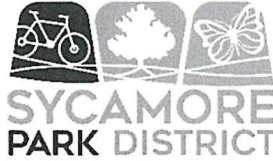
- ❖ **___ ComEd Pre-Application (25% Bonus Deadline: March 31,2023)**
 - ___ Once the ComEd Bill is received and the site assessment is complete, we submit the Pre-Application to ComEd. All that is required of you is your signature.
 - ___ After submission of the Pre-Application to ComEd, ComEd will meet Impact Sport Lighting at the project site(s) to confirm the existing count and wattage of your existing fixtures are consistent with the Pre-Application.
 - ___ The Pre-Application reserves funds for your project until October 31, 2023.

- ❖ **___ Lighting Design & Specification**
 - ___ Impact Sport Lighting creates a custom digital drawing of your existing field
 - ___ Impact Sport Lighting creates a custom photometric that exceeds the IES classification recommendations for your field(s) in all areas.
 - ___ During this process the exact materials for the project are specified

- ❖ **___ Final Proposal & Customer Agreement**
 - ___ Final Proposal including photometrics, proposal with energy & maintenance savings, and all spec sheets.
 - ___ Upon your approval of the final proposal, we then enter into an executed customer agreement.

- ❖ **___ Ordering Materials & Scheduling Installation**
 - ___ Upon the executed customer agreement, we will either pull materials from inventory or order your product as specified.
 - ___ Once material is received, we will contact you to schedule installation.

- ❖ **___ Project Completion, Final Walkthrough, & ComEd Final Application / Invoicing (25% Bonus Completion Deadline: October 31, 2023)**
 - ___ Upon your project's completion, we will schedule a time to do a walkthrough after dusk to show you everything and do a basic training on your new advanced lighting control system.
 - ___ At this time we will submit the Final-Application to ComEd. All that is required of you is your signature.
 - ___ After submission of the Final-Application to ComEd, ComEd will meet Impact Sport Lighting at the project site(s) to confirm the proposed count and wattage of your new fixtures and lighting control system are consistent with the Final-Application.
 - ___ Once approved, ComEd sends payment to Impact Sport Lighting and OOPC (Out-Of-Pocket-Costs) are due, if any.



Board of Commissioners

Date of Board Meeting: February 28, 2023

STAFF RECOMMENDATION

AGENDA ITEM:

Sound Check – Fall Staff Survey

BACKGROUND INFORMATION:

RecStar Consulting asked us to beta test their sound check system at no cost. A “Sound Check” was sent out to all staff. This is our second sound check, 96 people viewed the survey and 27 people completed it. We have two other surveys that will be sent out over the next couple of months.

Overall, there are lots of positives happening at the Sycamore Parks District, with over 85% of Staff being either satisfied or very satisfied with their work.

The district received a **9.19 or 84% Likelihood of Recommendation** to work at the district.

Observations:

1. **Strengths: Happy employees & trustworthy administration**
2. **Weakness: Communications**
3. **Opportunities: Gap staffing needs**
4. **Threats: Disruptive Employees**

FISCAL IMPACT:

STAFF RECOMMENDATION: The plan is to address the areas of communication, training opportunities to assist with influences the work culture and show marked improvement for the next two surveys.

PREPARED BY: Jonelle Bailey, Executive Director

EXECUTIVE DIRECTOR REVIEW/APPROVAL: BOARD ACTION:

Yes

Sound Check - Sycamore Park District - Fall 2022

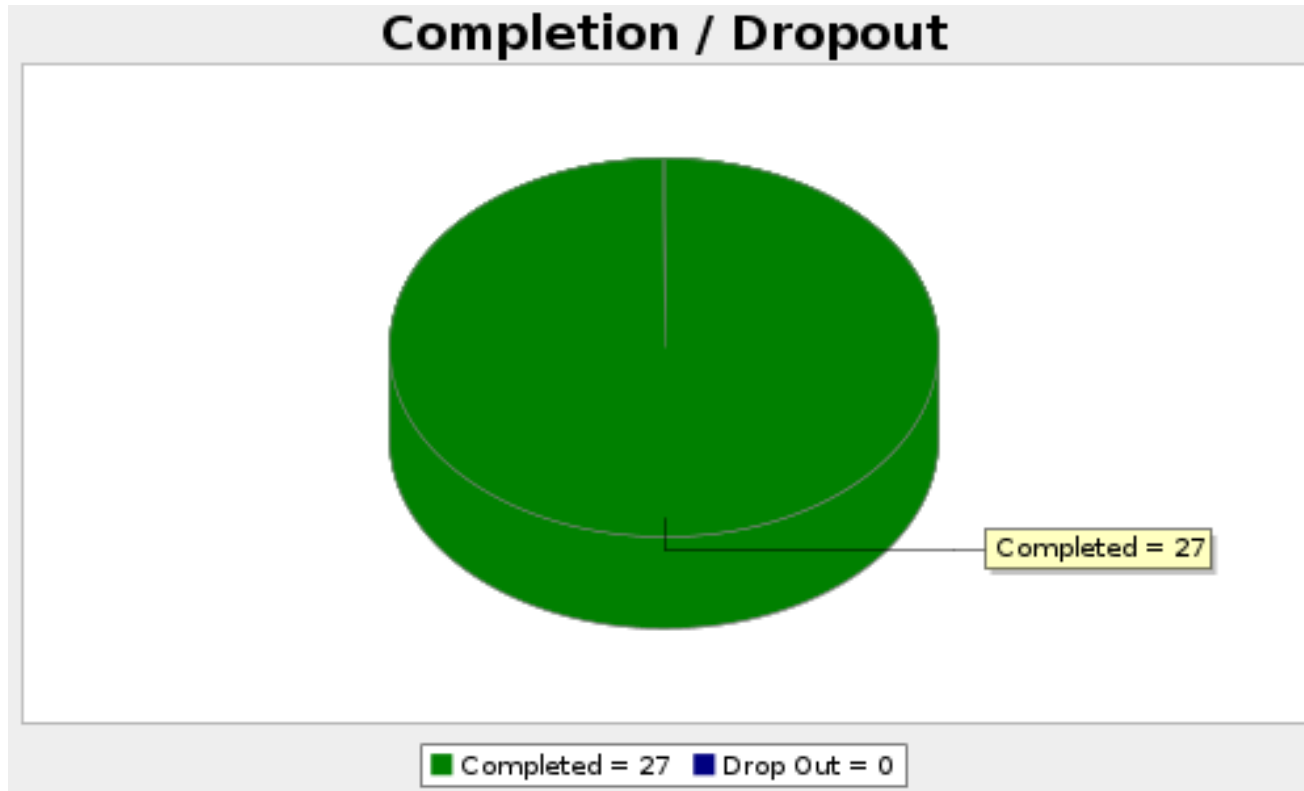


SYCAMORE
PARK DISTRICT



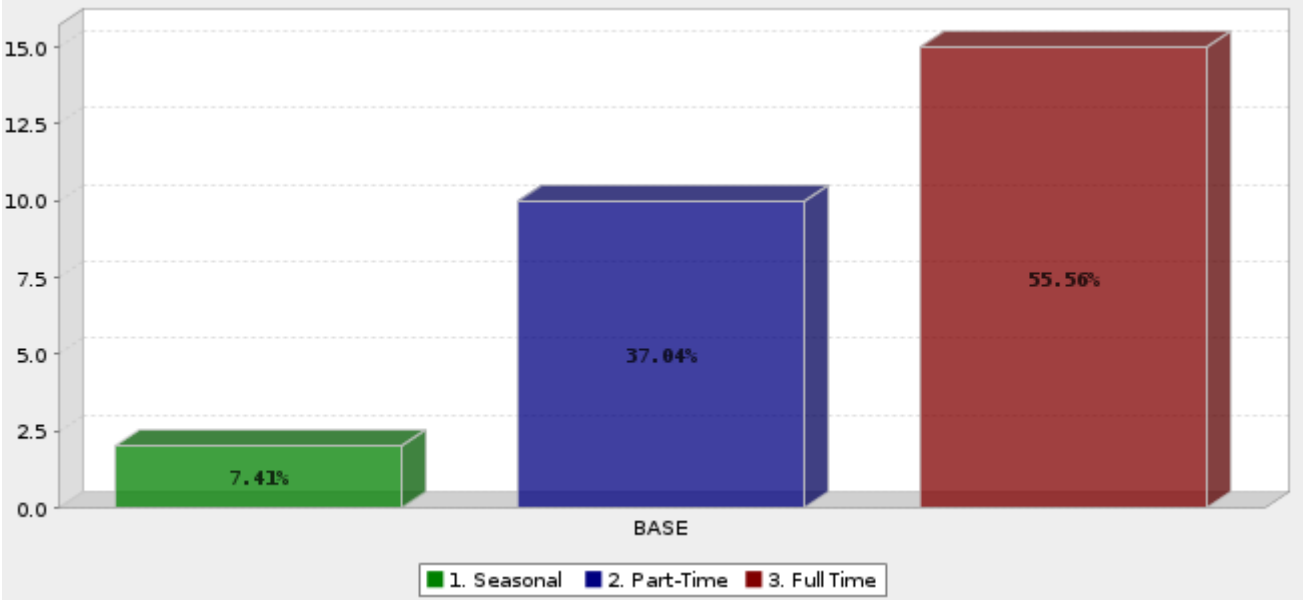
gabriel@recstarconsulting.com

Survey Overview



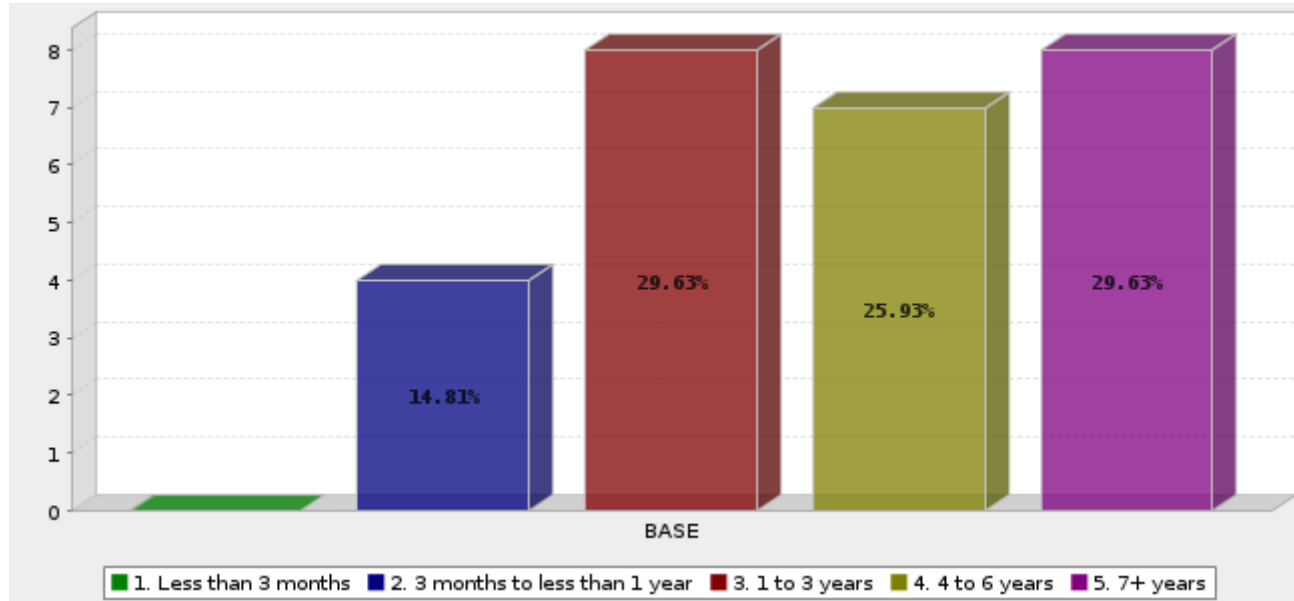
Viewed	Started	Completed	Completion Rate	Drop Outs (After Starting)	Average Time to Complete Survey
96	27	27	100%	0	10 minutes

What is your employment status with the Sycamore Park District?



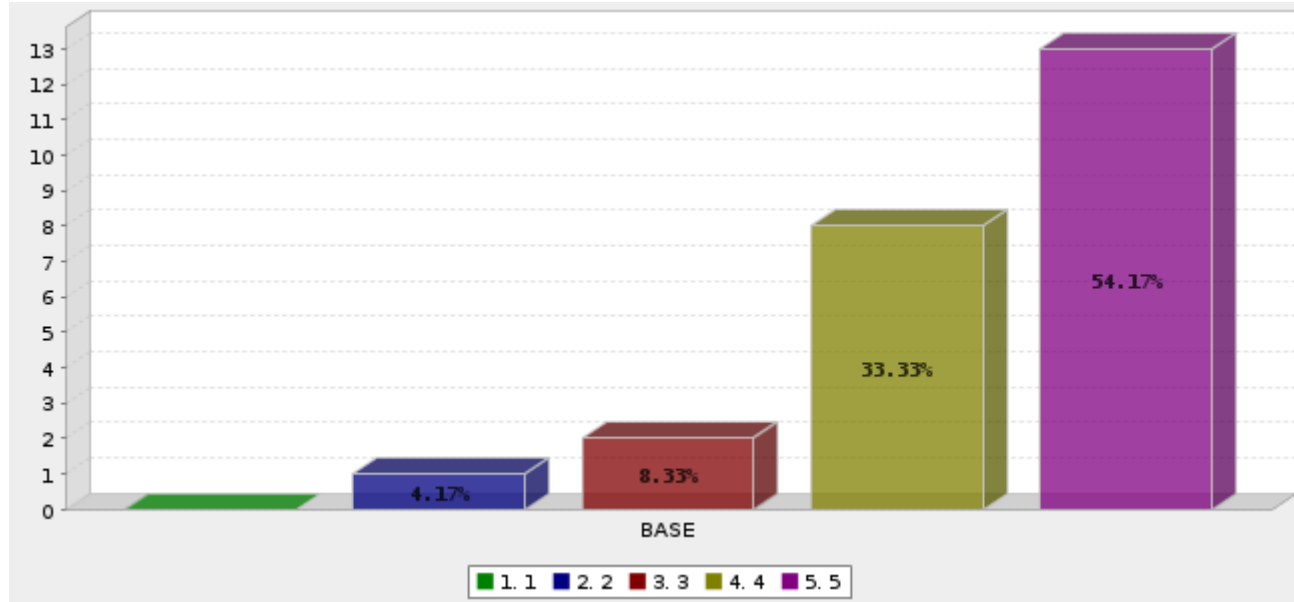
	Answer	Count	Percent
1.	Seasonal	2	7.41%
2.	Part-Time	10	37.04%
3.	Full Time	15	55.56%
	Total	27	100%
Mean : 2.481		Confidence Interval @ 95% : [2.239 - 2.724]	Standard Deviation : 0.643
			Standard Error : 0.124

How long have you worked at Sycamore Park District?



	Answer	Count	Percent
1.	Less than 3 months	0	0.00%
2.	3 months to less than 1 year	4	14.81%
3.	1 to 3 years	8	29.63%
4.	4 to 6 years	7	25.93%
5.	7+ years	8	29.63%
	Total	27	100%
Mean : 3.704		Confidence Interval @ 95% : [3.301 - 4.106]	Standard Deviation : 1.068
			Standard Error : 0.205

On a scale of 1-5 stars rate your summer work experience.



	Answer	Count	Percent
1.	1	0	0.00%
2.	2	1	4.17%
3.	3	2	8.33%
4.	4	8	33.33%
5.	5	13	54.17%
	Total	24	100%
Mean : 4.375		Confidence Interval @ 95% : [4.045 - 4.705]	Standard Deviation : 0.824
		Standard Error : 0.168	

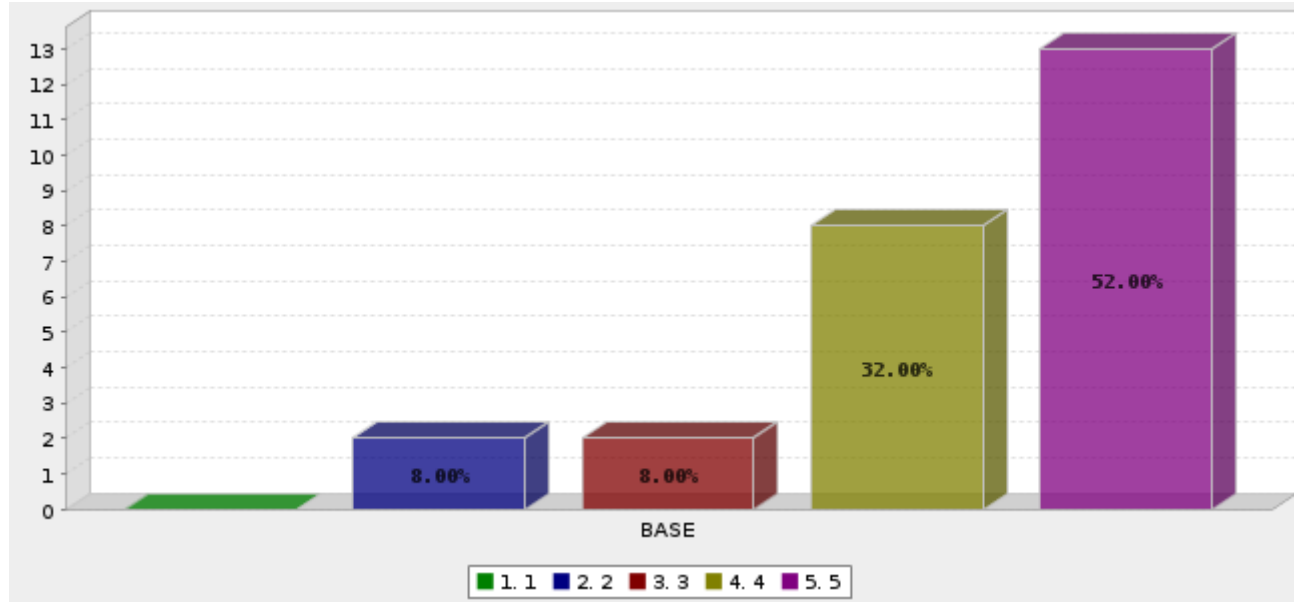
What was one highlight from this past summer at the Sycamore Park District?

I thoroughly enjoy the friendliness of both staff and the participants.
Working with a crew in which everyone was efficient
The completion of the disc golf course.
Good participation
Wonderful staff while using the facilities.
Concert in the park
Being left alone to do my job
People enjoyed the parks!
Always helping the District be successful
Working on splash pad
Hearing all of the happiness of the children heading to the splash pad and the seniors having fun playing Pickleball.
Teaching my classes
The Movies in the Park behind the community showed a better attendance and seemed to be easier on the staff that had to work the event.
Things returning to "normal" compared to 2020 and 2021.
The summer concert series and the SPF Golf Outing
Adding new ideas and practices to existing programming to create added value that resulted in higher participant numbers compared to last year.
The amount of support I was given through my program
Happy more children programs and running this Summer. Hope to see it continue.
got lots of returning kids to my tumbling classes
How crazy busy we were.

What is one area that you would change about this past summer at the Sycamore Park District?

Better organization of the studio closet.
More large scale projects needed to be completed, but we were told to stick to routine work most days. If we had spaced out the routine daily tasks we could've completed more park improvements.
I would consider moving start times 15-30 earlier to offset early tee times in the summer. May do next year.
Having more people in classes
Cant think of one at this time.
Golf course
Going back and finishing work that should have been done!
None
My experience has been good, and I do not have any suggestions for change at this time.
Would have liked to see more special events in the pool & splash fountain for specific age groups.
No suggestions
Better engagement with seasonal staff
Adding more nature or outdoor education classes.
Ensuring that my space to give the lessons was open so I wouldn't have to try and argue with people playing there already.
The CoVid hours are a bummer, but it sounds like we don't have the front desk staff to keep the facility open later anyway.
Why more promotions on the dance and tumbling program

On a scale of 1-5 stars, rate your fall work experience.

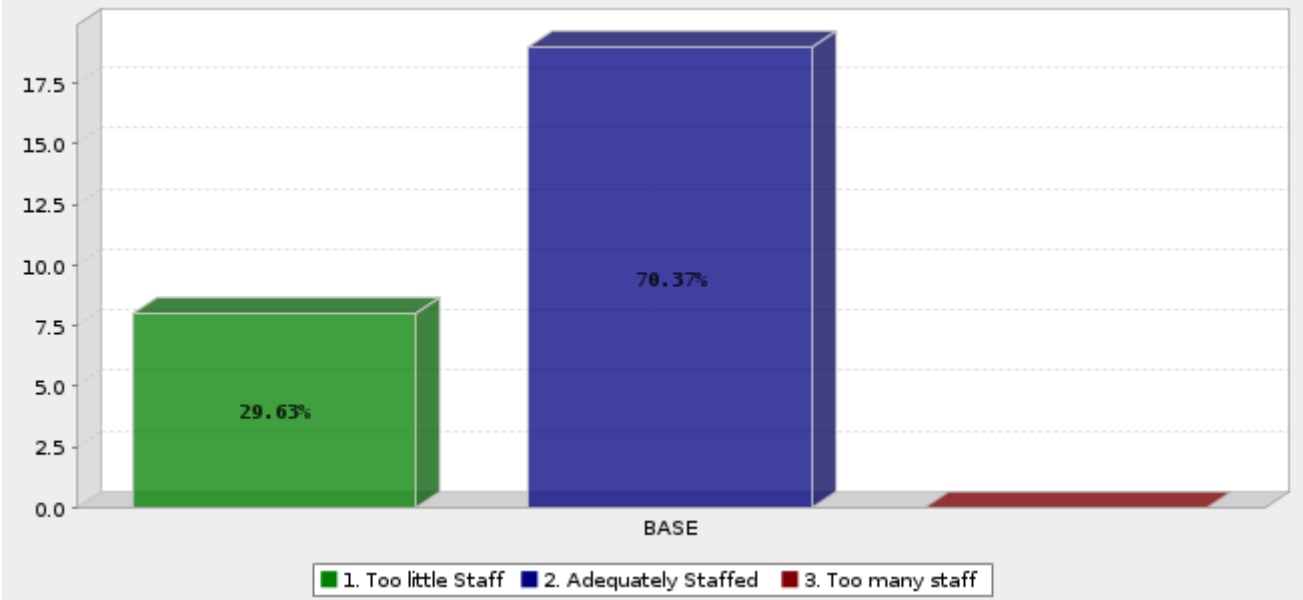


	Answer	Count	Percent
1.	1	0	0.00%
2.	2	2	8.00%
3.	3	2	8.00%
4.	4	8	32.00%
5.	5	13	52.00%
	Total	25	100%
Mean : 4.280		Confidence Interval @ 95% : [3.913 - 4.647]	Standard Deviation : 0.936
		Standard Error : 0.187	

What is one area that you would change about this past fall at the Sycamore Park District?

Slowing down our routine daily work sooner would have allowed us to get ready for winter sooner.
Ask the Golf pro manager to move tee times to 8:00am in October/November (during frost season)
Nothing.
Can't think of one at this time.
Utilize empty rooms for exercise classes during busy times. This then we can offer more classes.
Steve Tritt
My experience has been good, and I do not have any suggestions for change at this time.
Try to get more of my classes to run
Struggles to hire part-time staff. Feeling burnout from keeping all the pieces together due to lack of staffing.
no suggestions
Planning for the 100th anniversary
All departments struggle to create programming that is successful with "Tweens." More research is needed to be able to successfully reach out to that demographic.
Because everyone that I work with at SPD are very helpful, reliable, and cooperative, I don't have any suggestions.
Communication between the departments. The parties have a lot of set up and supplies in certain spots and I was coming in to "you've been moved to" on a regular basis. My understanding is that parties make a lot of money for the PD but the preschool program (one day, 7 kids or so?) were allowed to take over the space. I also really don't like when the college interns are used to "fill in" in spots. Victoria was great. One a bit before her told me that she "doesn't even like kids" during a youth event. The one I had for Spring Break Lil Campers sat on a chair and texted for most of the time she was there.
promote the intro to dance, ballet and jazz and all the little tumblers plus cheer classes way more.

How would you describe the staffing levels at Sycamore Park District?

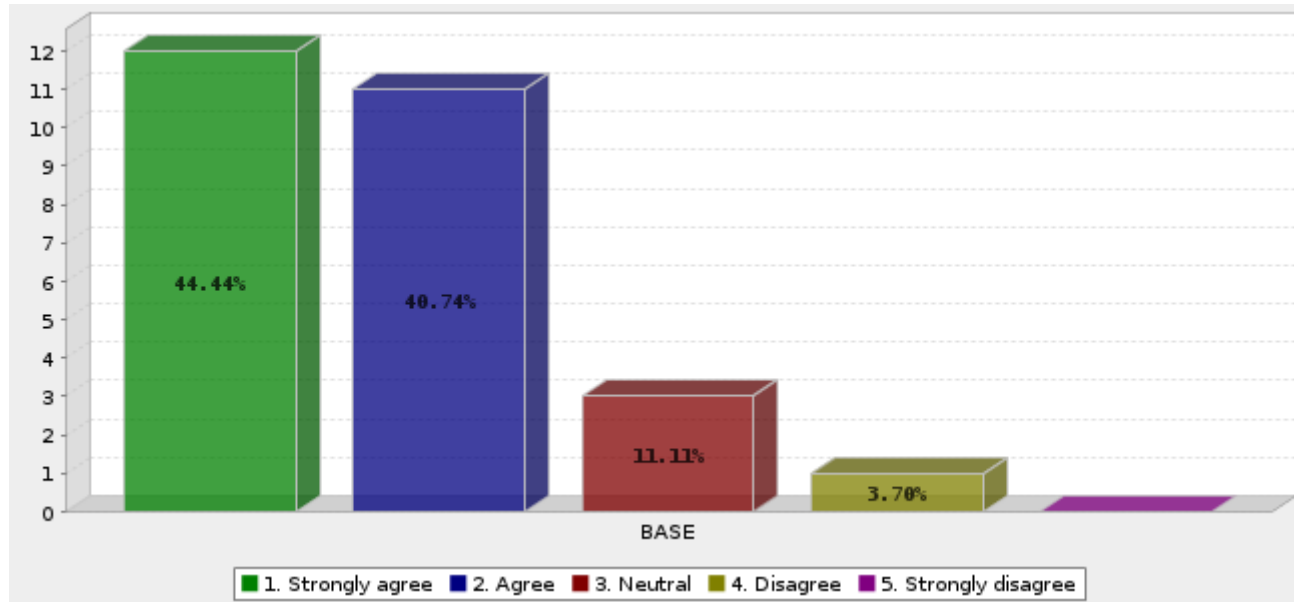


	Answer	Count	Percent
1.	Too little Staff	8	29.63%
2.	Adequately Staffed	19	70.37%
3.	Too many staff	0	0.00%
	Total	27	100%
Mean : 1.704		Confidence Interval @ 95% : [1.528 - 1.879]	Standard Deviation : 0.465
			Standard Error : 0.090

Which type of positions/areas were lacking staff or were overstaffed?

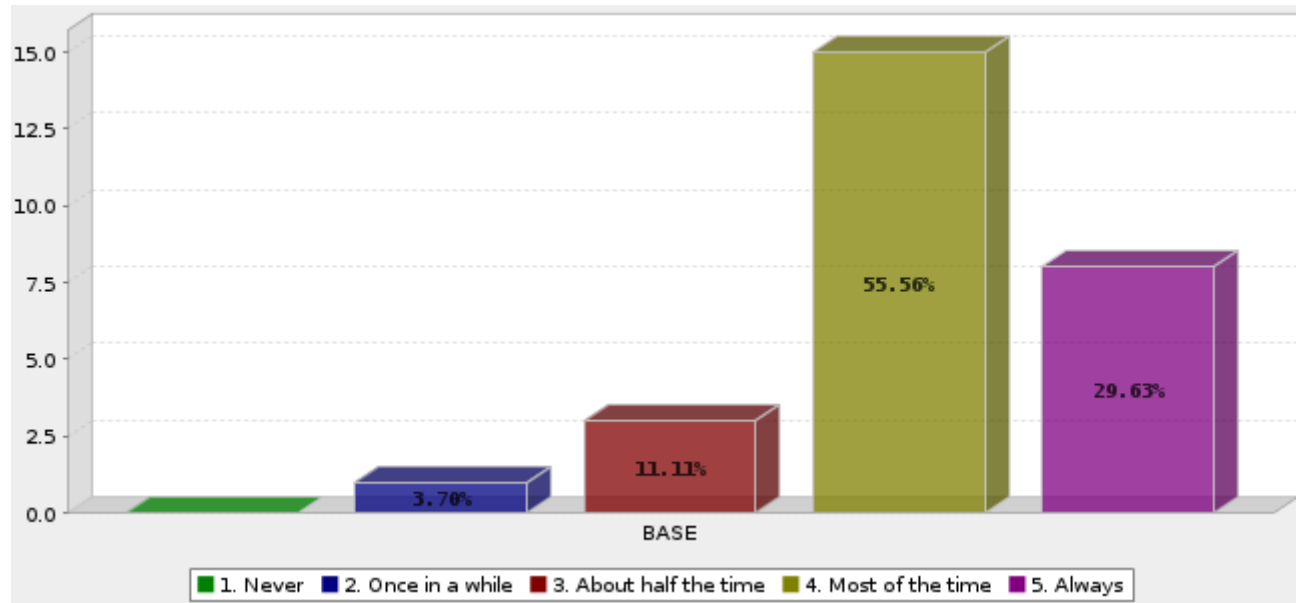
All areas I come in contact with seem adequately staffed.
Spring seasonal staffing was lacking on Golf Course and Parks sides
We are lacking a part time janitor.
Full time positions are needed
Community Center!
Can always use more maintenance staff in fall
Part time custodian
Without having significant knowledge of what each positions/areas job duties and responsibilities it is hard to identify if areas are lacking or overstaffed. I think frequent changes at the Community Center front desk due to the nature of part-time role is challenging. Training new staff frequently can cause burnout.
Everything I deal with is good.
custodial staff and customer service desk staff, golf staff, need additional roles to monitor the gym on busy days; missing the Grad student position who usually was the one to help with all the misc things that pop up at work, this was a trustworthy person that could get the work done.
Overall most areas are adequately staffed. However, some areas struggled getting/keeping staff.
We have adequate staff in most areas. Some areas need more coverage due to the nature of the position: i.e. front desk, golf course, concessions, native maintenance
The district's recreation programs could benefit from permanent part time staff who act as program leaders and assistants.
Every time I have made a request, made a suggestion or requested help, the staff has always been there to help get the job done.
I wasn't around to see the inner workings since I was outside
Front desk is understaffed. Youth programs. Activities are put into the flyer before they are staffed.
Understaffed- custodians.
Community Center overstaffed; Parks/Sports understaffed.
Nothing that affects my job
community center

Do you feel like the management team is transparent & trustworthy?



	Answer	Count	Percent
1.	Strongly agree	12	44.44%
2.	Agree	11	40.74%
3.	Neutral	3	11.11%
4.	Disagree	1	3.70%
5.	Strongly disagree	0	0.00%
	Total	27	100%
Mean : 1.741		Confidence Interval @ 95% : [1.434 - 2.047]	Standard Deviation : 0.813
		Standard Error : 0.156	

Do you usually look forward to coming to work?



	Answer	Count	Percent
1.	Never	0	0.00%
2.	Once in a while	1	3.70%
3.	About half the time	3	11.11%
4.	Most of the time	15	55.56%
5.	Always	8	29.63%
	Total	27	100%
Mean : 4.111		Confidence Interval @ 95% : [3.828 - 4.394]	Standard Deviation : 0.751
		Standard Error : 0.145	

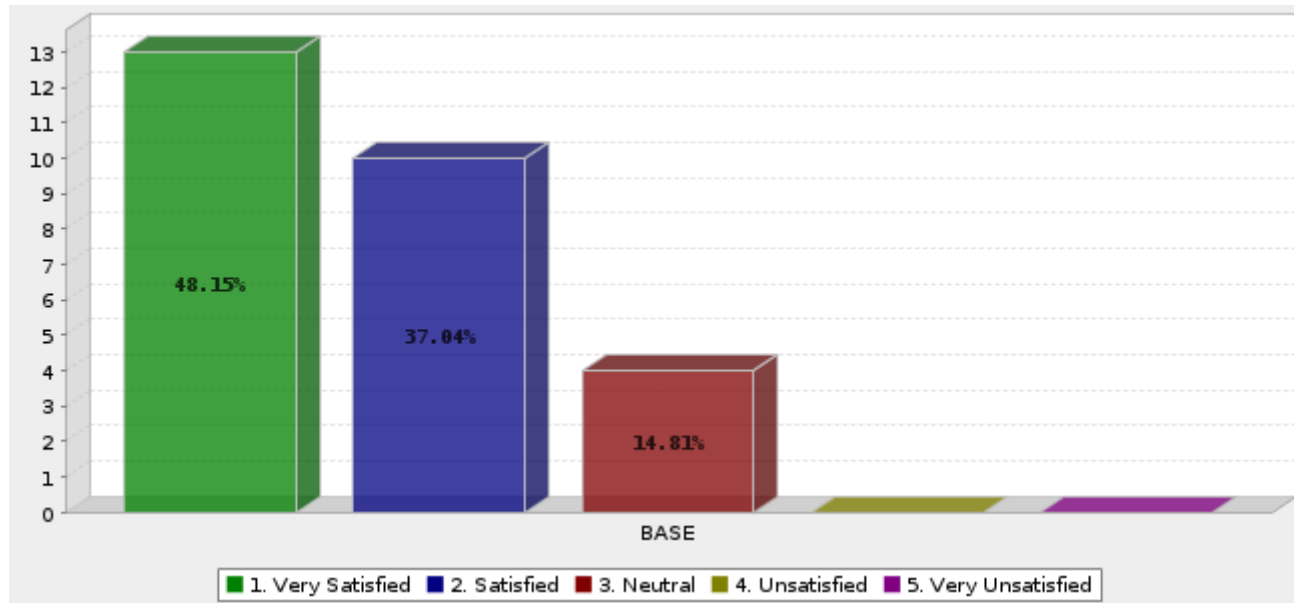
What do you like the most about your current job?

The early hours
I love teaching fitness classes and leading others on a journey of health and wellness.
Enjoying the outdoors and improving the community.
Working outside and doing several specific tasks. Working with accomplished leadership and a fine staff.
My boss, our receptionist and the people in my classes
The people I work with.
The staff
The warm and sincere greeting I get from Lisa Metcalf
Being left alone to do what I know how to do and not being questioned about it all the time
The work I do!
Seeing people enjoying all the District offers
Job security
The variety of work I have been able to perform. My ability to work independently, but with the knowledge I have support if needed.
It's my dream job
the job is not boring, something different everyday
The people I work with
I love the atmosphere and staff engagement
The ability to steer programming goals as needed.
Working with the students and staff.
I can rely on management
For parties I have taken on staffing responsibilities and there has been a positive response from my manager and the staff. I like a happy work environment and like to streamline things when possible. I have managers who are supportive of that and I appreciate that greatly.
Flexibility, getting to teach dance, My customers

What are the factors that obstruct you from delivering your best work?

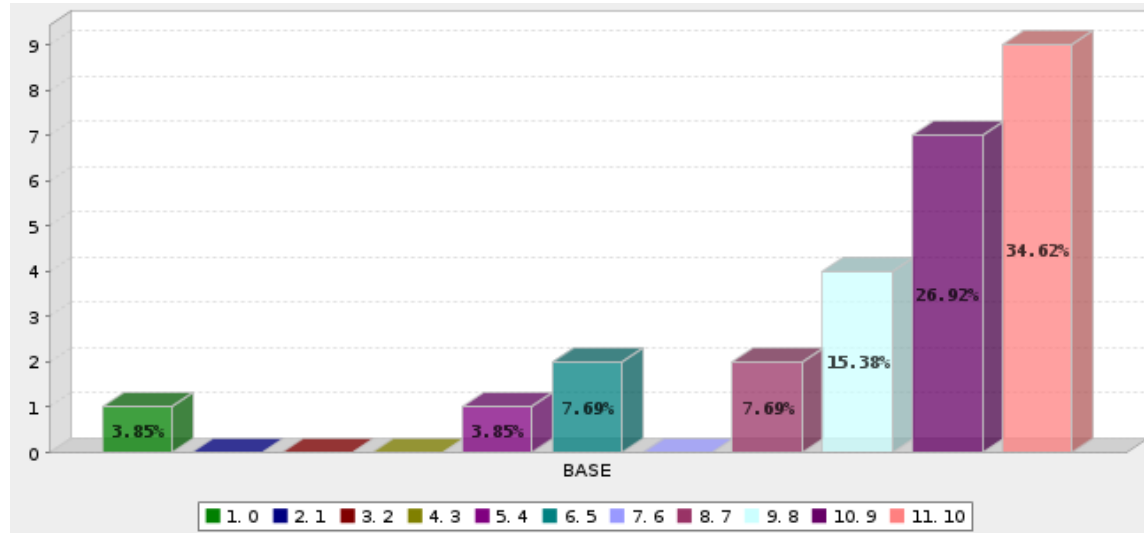
Would need more trx straps to make bigger trx classes
lack of participants
Time and decisions made by coworkers
A problem which has been resolved was tardiness with two key employees.
The dance studio is noisy due to the heating and cooling system
Not always having the correct tool.
Steve Tritt
Management!
Not always enough hours in the day
My own lack of knowledge.
My classes not running
As the full-time member, I am distracted with all the daily chores, activities, customer service that need to be addressed on the spot due to lack of staff. So my administrative duties fall behind.
workload
A system to recruit volunteers and unique part time positions beyond mainstream recruiting tools such as job postings.
I don't have any factors. I always try to deliver "my best work"
Nothing
If I am unaware of something that the customer discussed with my manger, it looks unprofessional and redirects badly on me and the program. This has almost completely been eliminated over the past few months so I'm happy.
Pay/funding
Not having enough kids sign up meaning my dance classes don't run.

How happy are you at work?



	Answer	Count	Percent
1.	Very Satisfied	13	48.15%
2.	Satisfied	10	37.04%
3.	Neutral	4	14.81%
4.	Unsatisfied	0	0.00%
5.	Very Unsatisfied	0	0.00%
	Total	27	100%
Mean : 1.667		Confidence Interval @ 95% : [1.390 - 1.943]	Standard Deviation : 0.734
		Standard Error : 0.141	

How likely would you recommend this workplace to a friend or colleague?



	Answer	Count	Percent
1.	0	1	3.85%
2.	1	0	0.00%
3.	2	0	0.00%
4.	3	0	0.00%
5.	4	1	3.85%
6.	5	2	7.69%
7.	6	0	0.00%
8.	7	2	7.69%
9.	8	4	15.38%
10.	9	7	26.92%
11.	10	9	34.62%
	Total	26	100%
Mean : 9.192		Confidence Interval @ 95% : [8.276 - 10.109]	
		Standard Deviation : 2.384	
		Standard Error : 0.467	

Let's Build a Better Workplace Together...





Board of Commissioners
Date of Board Meeting: February 28, 2023

STAFF RECOMMENDATION

AGENDA ITEM:

Sycamore Park District Board of Commissioners Executive Session Minutes Bi-annual review

BACKGROUND INFORMATION:

The Board is required to review the Executive Session Meeting Minutes at least twice a year. The purpose of the review is to determine if a need for confidentiality exists concerning all or part of the meeting minutes. Minutes of "Closed Meetings" should only be released to the public after the Board has determined that it is no longer necessary to protect the public interest or an individual's privacy by keeping them confidential. The Secretary should only release it.

It is best to keep minutes confidential when their release might cause hardship to the park district, individuals, or employees. Additionally, there is a need to protect the district in ongoing concerns related to any reason permitted by law to hold executive sessions. Should minutes refer to matters that still require confidentiality to protect the district on these legally allowed purposes for holding executive sessions, then those minutes should remain confidential.

The Board will receive a binder before each bi-annual review which contains the executive session minutes. The Recording Secretary has worked on the binder, which has been provided to each Commissioner for review and consideration. The Executive Director will suggest which minute dates should be released, and the Board may suggest additional items for consideration. **AT NO TIME SHOULD THE BOARD COPY OR REMOVE ANY ITEM FROM THE BINDER OR MAKE IT PUBLICALLY AVAILABLE.**

If discussion is needed regarding the minutes, then the Board will convene in Executive Session to discuss those matters. If no discussion is required, the Board will act based on the Executive Director's recommendation to release the minutes. All information in the binder is strictly confidential, and the Board has a fiduciary duty to treat the material as such. Specific discussion of the material in Executive Session minutes should only occur during Executive Sessions. Board action to release closed session minutes must be in open session.

The complete binder must be returned to the Secretary with no changes, removals, marks, or copies at the first Regular Meeting immediately after the Board member receives the binder.

FISCAL IMPACT: None

STAFF RECOMMENDATION:

I have reviewed the Executive Session minutes in the Districts records. At this time, I recommend that the minutes listed below to be released and that the Board authorizes staff to dispose of all closed session audio tapes over 18 months old for those meetings that Executive Session Minutes were approved within that time range.

- May 28, 2013, regarding the purchase or lease of real property for the public body's use.
- August 13, 2013, regarding the purchase or lease of real property for the public body's use.
- August 20, 2013, regarding the purchase or lease of real property for the public body's use.
- August 27, 2013, regarding the purchase or lease of real property for the public body's use.
- September 11, 2013, regarding the purchase or lease of real property for the public body's use.

PREPARED BY: Jonelle Bailey, Executive Director

EXECUTIVE DIRECTOR REVIEW/APPROVAL: BOARD ACTION:

JEB



SYCAMORE PARK DISTRICT

Annual Report 2022



A YEAR OF
SUSTAINABILITY • ??? • PARTNERSHIPS



SYCAMORE PARK DISTRICT

MISSION

Connecting Sycamore to wellness, nature, and each other.

VISION

To enhance the Sycamore community through wellness, recreation and greenspace, the Board and Staff take a responsive and inclusive approach to service, community relationships, and sustaining the Sycamore Park District legacy.

CORE VALUES

We value...

Equity by recognizing and serving all groups in our community, and continually seeking new ways to be inclusive and engage with diverse populations.

Transparency through fiscal responsibility, equitable policies, and pro-active communication.

Sustainability and are committed to the conservation of Sycamore's greenspace for recreation and the well-being of the community today and for future generations.

Connections that stem from the relationships that begin and grow through the opportunities and partnerships we maintain.

ABOUT THIS REPORT

This report provides highlights of the Sycamore Park District's finances, significant projects and initiatives, facility usage, and community relationships in 2022. It is also a chance to reflect on goals and values as we look towards the coming year.

Complete budget reports and other District information can be found on the Transparency Portal at sycparks.org. Questions and feedback regarding the information in this document can be sent to Jonelle Bailey, Executive Director, at jonelleb@sycparks.org or 815-895-3365. You may obtain a paper copy at the Sycamore Park District Community Center, 480 Airport Road, Sycamore.

ABOUT THE DISTRICT

The Park District, established in 1923, is in the process of acquiring and developing park sites and open spaces to serve a growing community. Park sites, totaling 509 acres, include neighborhood parks, community parks, athletic fields, and natural areas. The Park District also maintains a Community Center, 18-hole golf course, dog park, community pool, and splashpad. In addition, staff provides recreational and wellness programming throughout the parks and facilities.

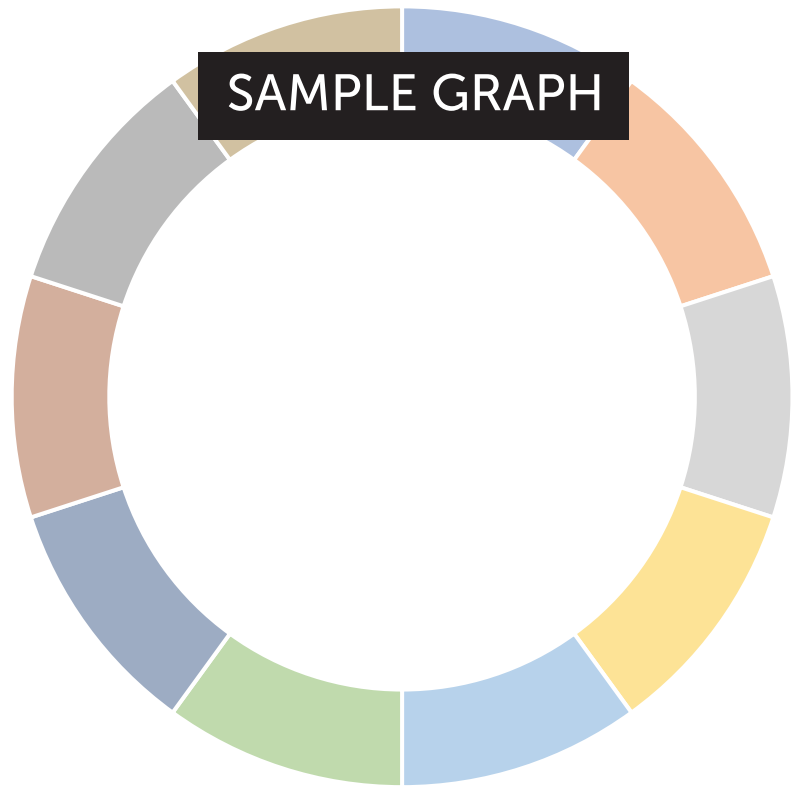
Through the support of tax dollars, the Sycamore Parks Foundation, and partners, which include community groups and local bodies of government, the Sycamore Park District keeps Sycamore connected to wellness, nature, and each other.

OPERATING BUDGET

Revenue

FISCAL YEAR 2021

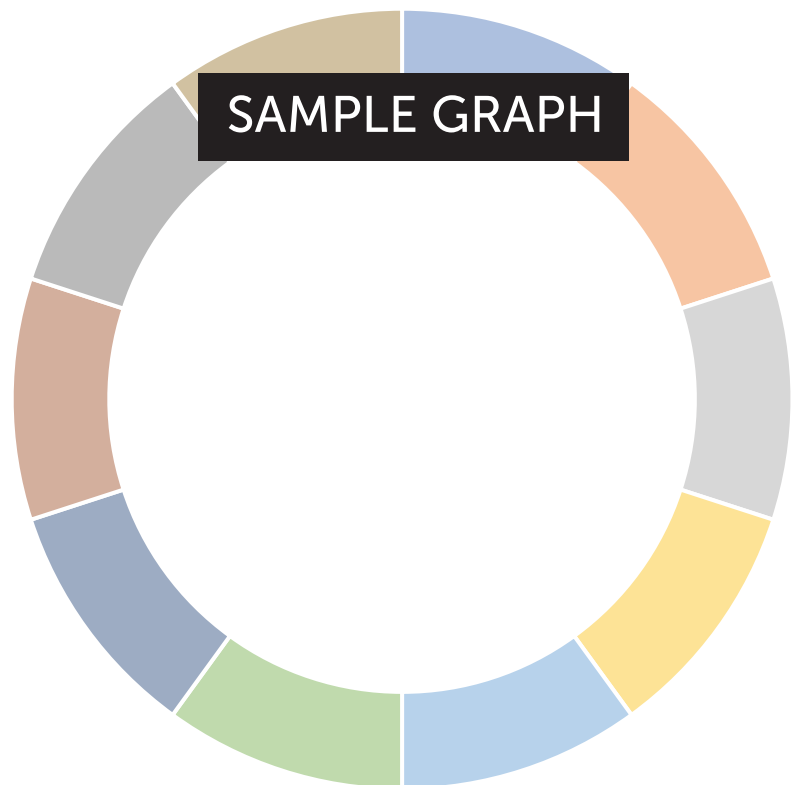
- Property Tax Receipts.....% \$
- Program Fee.....% \$
- Aquatics.....% \$
- Golf.....% \$
- Pathway Fitness/Gym.....% \$
- Dog Park.....% \$
- Concessions.....% \$
- Rentals.....% \$
- Misc.....% \$
- Grants & Donations.....% \$
- Interest.....% \$



Expense

FISCAL YEAR 2021

- Salaries & Wages.....% \$
- Special Recreation.....% \$
- Debt Service.....% \$
- Contractual.....% \$
- Employment Expenses.....% \$
- Materials & Supplies.....% \$
- Utilities.....% \$
- Misc.....% \$
- Insurance.....% \$



YOUR TAX DOLLARS



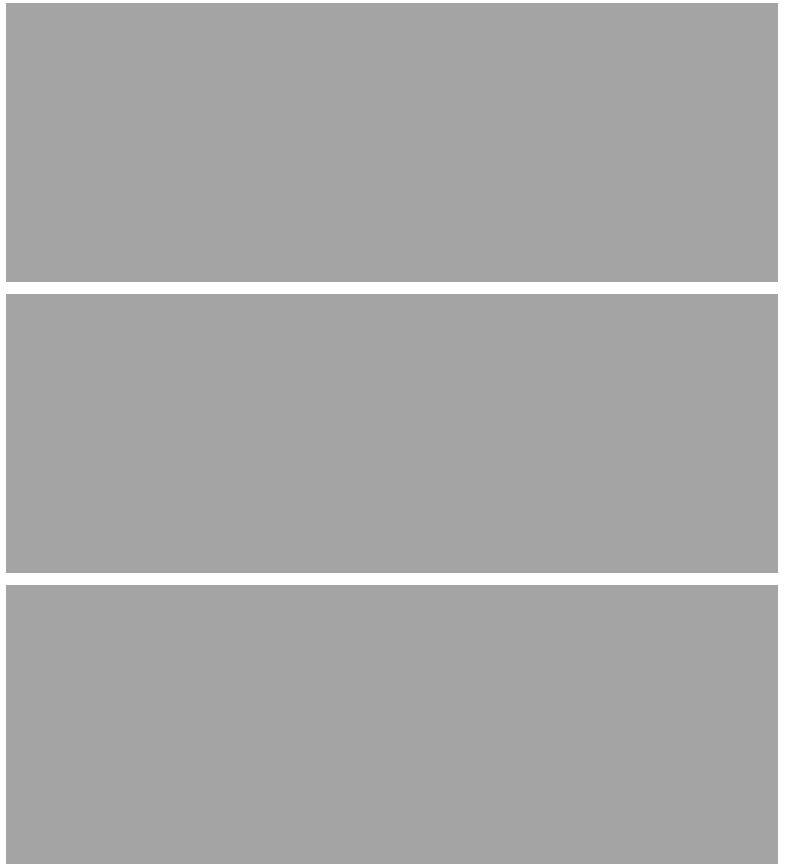
The graph on the left shows how your 2021 tax bill (paid in 2022) is allocated among the various taxing districts in Sycamore.

- School District 42762.18%
- DeKalb County10.69%
- Sycamore Park District6.89%
- CC 523 Kishwaukee 6.67%
- City of Sycamore6.48%
- Sycamore Road & Bridge2.58%
- Sycamore Library2.41%
- Sycamore Township 1.24%
- DeKalb Count Forest Preserve ..0.76%

CAPITOL BUDGET & ALLOCATING RESOURCES

The District has \$350,000 available annually for the maintenance and upkeep of parks and facilities. The Board focuses funds on the highest priorities and most impactful ways to achieve sustainability. Areas where these funds were divided in 2022 include:

- NEIGHBORHOOD PARKS**
- GOLF COURSE AND CLUBHOUSE**
- TRAILS**
- SPLASHPAD**
- COMMUNITY CENTER**
- SPORTS COMPLEXES**
- COMMUNITY POOL**
- EQUIPMENT**
- UPKEEP OF EQUIPMENT**



FACILITY OVERVIEWS

SYCAMORE GOLF CLUB

- Adult Lesson Academy brought adult interest back to golf.
- New bridge installation began at hole 10 tee.
- New Senior Men's League drew senior men from all over the area.
- Three additional fundraising outings were added to the calendar
- The 6X6X6 Ryder Cup, Pumpkin Scramble and Frozen Fingers Open produced full fields

Sycamore Golf Club	2020	2021	2022
Pass Holders	303	368	374
Rounds Sold	32,593	28,352	28,952
Outings	26	41	43
Total Revenue	\$450,285	\$607,255	\$597,047



PATHWAY FITNESS

- Pathway Fitness Members and Pass Holders got free lap swim at the Community Pool.
- Memberships are steadily rising following the COVID-19 Pandemic. At the end of 2022 there was a 75% comeback from 2019.

Pathway Fitness	2020	2021	2022
24/7 Members	320	244	279
Building Hours Pass Holders	333	258	263
Track Only Passes	263	197	234
Open Gym Passes	237	251	304



AQUATICS COMMUNITY POOL & SPLASH FOUNTAIN

- A new VIP Night was held for all pass holders.
- Through a partnership with NIU Outdoor Adventures S.U.P. Yoga Workshops were offered.

Aquatics	2020	2021	2022
Community Pool Visits	0	4,773	6,332
Splash Fountain Visits	2,395	2,437	3,903
Aquatic Pass Holders	0	88	354



Sustaining the Legacy: 2025

2021-2025 STRATEGIC PLAN

The goal of this 5-year plan is to support maintaining what is currently part of the park system at a high level of care, improving program offerings, and increasing engagement and awareness with the diverse backgrounds in our community.

HERE ARE THE OBJECTIVES ACHIEVED IN 2022.

GOAL 1 FUNDING

Identified and prioritized new positions

Hired a part-time accountant

Made the decision to close the Community Pool based on fiscal responsibility and sustainability of tax dollars. Learn more on [page ##](#).

Increased the usage of the Community Center by 15%

Built in the cost of a new Park District website

Technology: Developed an app to enhance Park District engagement

Budgeting: Helped create the Sycamore Parks Foundation to assist with legacy and sustainability

GOAL 2 GROWTH

Added new partner areas: DeKalb County History Center

Identified opportunities to program with other agencies including the DeKalb County Forest Preserve District

Continually assessing program and facility use satisfaction with seasonal surveys

Producing printed seasonal program guide which the 2019/2020 survey indicated is an important communication tool for residents

Rebranded the Park District and Sycamore Golf Club

Introduced a new community event: Sip 'n' Savor Taste Event

GOAL 3 SUSTAINABILITY

Began discussions with staff about career paths and succession planning

Updated the staff benefits package to include enjoyable, non-monetary benefits

Worked with the DeKalb County History Center as staff prepared for the 100th anniversary in 2023

Core Values

EQUITY

SUSTAINABILITY

TRANSPARENCY

Initiated an annual District-wide reporting process that effectively communicates the District's finances, projects, and goals to the public.

CONNECTIONS

Introduced 2 new events. The Chili Cook-off sanctioned by the Chili Appreciation Society International brings chefs from throughout the Midwest to compete while offering a fun experience for the community. Sip 'n' Savor Taste Event connects residents to local breweries, wineries, distilleries, restaurants, and crafters from throughout Northern Illinois.

Parks in Progress

ACTION 2020 PROJECTS

Riverside Soccer Complex opened in the spring of 2022. The site includes soccer fields, a shelter, natural area, and walking path.

The development project at **Citizens Memorial Sports Complex** was completed in the summer of 2022. The project includes five new ball diamonds, a disk golf course, playground, shelter, bocce ball court, and a native prairie with interpretive signs. The ball diamonds were dedicated to Ron Johnson's legacy as a teacher, coach, and mentor in Sycamore. Play will begin on the fields in 2023. This project is funded by a \$400,000 OSLAD (Open Space Land Acquisition and Development) Grant.



NEIGHBORHOOD PARKS

In July the Park District was awarded \$240,300 in grant funds for the **Reston Ponds Park Development Project**. This opportunity was made possible through the Illinois Department of Natural Resources' (IDNR) Open Space Land Acquisition and Development (OSLAD) program.

The grant will fund development of Phase I Projects: Playground, Small loop trail, Picnic shelter, Soccer field, Pickleball court, Native landscaping buffer and educational sign. Additional amenities including a second pickleball court, large loop trail, tennis court, basketball court, and a parking lot will be phased in over the coming years.

The Founders Park renovation includes replacing existing equipment and swings with new structures for ages 5-12 and 2-5 play areas and new swings. New playground safety surfacing of engineered wood fiber will be laid. The curb will be adjusted and expanded, the lawn will be restored, and benches added.

OUTDOOR PICKLEBALL COURTS

The Sycamore Park District and School District partnered to transition the old tennis courts at West Elementary School into outdoor pickleball courts. Used for staff parking during the school year, this cooperative effort ensures the space can be repurposed and utilized year-round. The School District resurfaced the lot and painted pickleball court lines. The Sycamore Park District with support from the Sycamore Parks Foundation purchased removable nets and posts.

NEW BRIDGE

AWARDS

Great Western Trail Extension Project received American Public Works Association's Public Works Projects of the Year, Transportation, for less than \$5 million

Executive Director Jonelle Bailey for receiving the IL Park and Recreation Association's 2021 Chairman's Award for her hard work on the IPRA Executive Director Hiring Committee.

Natural Areas Specialist, Nicholas McCarney won first place in the Wildlife category and second place in the landscapes category of the Illinois Association of Park District's Give Us Your Best Shot photo contest.

NEW PARK DISTRICT WEBSITE

As a part of the District goal of rebranding and better connecting with the community. The website was redesigned and modernized. The last time the website was updated was 2015.

Natural Areas

SEED COLLECTION

Several dozen species of seed were collected through the 2021 year. Values in seed quantity alone represent estimates of several hundred to several thousand dollars.

PARTNERSHIPS

Park District staff work with the DeKalb County Forest Preserve District to share resources related to natural area management.

VIRTUAL OUTREACH

A new component of environmental education programming and outreach has been to offer virtual options. The District's YouTube series Nature Hotline began in the fall and the District participated in the virtual Science Olympiad at the Sycamore Middle School by submitting a video.

GROW ROOM

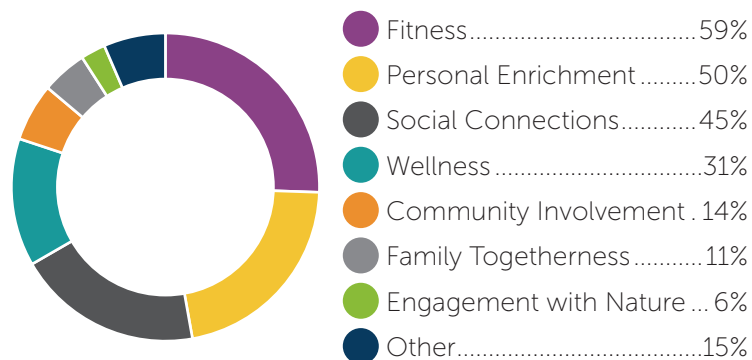
An indoor grow room was acquired through Park District partner Innovative Growers Equipment LLC. The equipment, valued at \$5,757, allowed staff to successfully grow 750 native plants in one season – Roughly a \$9,000 value in native plant material and labor (Estimates based on past contracts with restoration firms and plug values of identical plant species of similar sizes).



Programming

Legacy Campus Usage	2020	2021	2022
Daily visits to Community Facilities: Pathway, Track, Open Gym, Splash Fountain	24,642	38,531	52,080
Dog Park Members	447	468	381

Why did people choose Sycamore Park District for recreation programming in 2022?



When asked to rank how well these benefits were achieved, on average participants gave their experience 9 out of 10.

They ranked their likelihood of referring a friend or colleague to the Sycamore Park District at an average of 9 out of 10.

In 2022 1,067 households registered for at least one program.

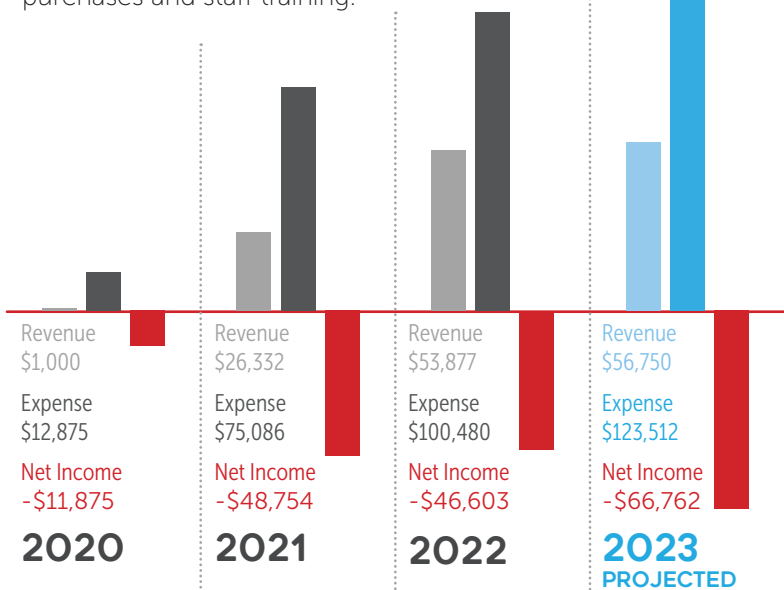
Closing the Community Pool

In November the Board of Commissioners voted to officially close the Sycamore Park District Community Pool. Recognizing the many memories created at this beloved facility and after many years of research, data tracking, and conversations with the public and surrounding community it was a difficult decision for all involved.

The Park District is committed to managing the tax dollars it receives in a sustainable way. With this facility's 40-year-old infrastructure, outdated and failing mechanical systems, the rising cost of daily operations, decrease in attendance, and nationwide challenges with rising product costs and staffing, it was decided that continuing to operate it would not be a responsible decision. Due to the facility's location in the flood plain, renovations are also very costly and, in some scenarios, prohibited. Once decommissioned, the Park District looks forward to using this space to bring a new amenity to the park which meets IDNR's floodplain guidelines and continues to serve the community.

COMMUNITY POOL OPERATIONS NET INCOME

Operating a safe and clean facility incurs several expenses regardless of attendance numbers. While admission and pass sales do supplement expenses, low attendance and rising costs continue to widen this gap. Examples of operating expenses include increase in staff costs based on rising minimum wage, rising costs of utilities, chemicals, and supplies, and keeping up with risk management standards that require new equipment purchases and staff training.



*The pool did not open in 2020 due to the COVID-19 Pandemic. The revenue shown is from an annual grant and the expense is from utilities and supplies purchased prior to the pandemic.

CAPITOL FUNDS

Capitol funds earmarked for other things have covered costly repairs and general operations have been subsidized by other recreational programming and facilities.

ANNUAL MEDIAN NUMBER OF CAPITOL FUNDS USED 2012-2023

\$18,000
 PROJECTED IN 2023
\$22,000

To learn more about the pool's condition and view additional years of data visit sycparks.org.

Community Connections

INTERGOVERNMENTAL AGREEMENTS

City of Sycamore

Sycamore CUSD 427

Kishwaukee Special Recreation Association



AFFILIATES

AYSO Soccer

Kishwaukee Valley Storm

Sycamore Youth Baseball

Sycamore Girls Softball

PARTNERS

DeKalb County Forest Preserve District

Family Service Agency of DeKalb County

Kish Kids Outside

Northwestern Medicine

NIU Department of Kinesiology & Physical Education

NIU Outdoor Adventures

Sycamore Public Library

FRIENDS, SPONSORS, & DONORS

Aggression Volleyball

Banner Up

Bowman-Maness Tree Service

CMJ Technologies

DeKalb County History Center

DeKalb County Police Dept

DeKalb Park District

Doty and Sons Concrete Products, Inc.

Edward Jones, Brittany Starkey

Edward Jones, Eric Anstedt

Engineering Resource Associates

Genoa Park District

Hauser-Ross Eye Institute

Heritage Woods of DeKalb

Jaybird Dog Training

Keep Rentals

Kiwanis Club of Sycamore

Midwest Irrigation

OC Creative

Old National Bank

Pest Control Consultants

Resource Bank

ServiceMaster Restoration and Cleaning Services by Skip

Suter Company

Sycamore Lions Club

Sycamore Parks Foundation

Sycamore State Theatre

Upstaging



BOARD OF COMMISSIONERS



Bill Kroeger
President



Ben Doty
Vice President



Ted Strack
Commissioner



Daryl Graves
Commissioner



Denise Ackmann
Commissioner

PARK BOARD MEETINGS

The Board of Commissioners meets on the 4th Tuesday of each month at 6pm in the Sycamore Golf Club Clubhouse, 940 E. State Street, unless otherwise noted at sycparks.org. The public is invited to attend.

January 24	May 23	September 26
February 28	June 27	October 24
March 28	July 25	November 28
April 25	August 22	December 19

LEADERSHIP TEAM

Jonelle Bailey..... Executive Director, CPRP
 Jackie Hienbuecher.....Superintendent of Finance & Business Services, CPA & CPRP
 Kirk Lundbeck.....Superintendent of Golf Operations Class A, PGA Professional
 Theresa Tevsh.....Superintendent of Recreation Services, CPRP
 Jeff Donahoe.....Superintendent of Parks & Facilities, GCSAA, CPO, CPSI

ESTABLISHED
1923

20
PARKS

9.8
MILES
TRAILS

509
ACRES

Board of Commissioners

Date of Board Meeting: February 27, 2023

STAFF RECOMMENDATION

AGENDA ITEM: REVIEW OF PARK DISTRICT MOU'S -FOR INFORMATION ONLY

BACKGROUND INFORMATION: The Park District values the partnerships and relationships with area Sycamore agencies and volunteer groups and the value it brings to the park district services. Through these partnerships, we continually strive to cultivate and grow quality recreation experiences and opportunities for our participants and the community.

The Park District has established the following agreements with these listed organizations. This list of agencies is a reminder of the community partners we work with and is a part of our core value: Connections.

- Kishwaukee Special Recreation Association
- Northwestern Medicine Kishwaukee Hospital (terminated in 2022)
- Northern Illinois University- Department of Kinesiology
- DeKalb County Family Services Agency
- Sycamore Youth Baseball
- Sycamore Girls Softball
- Sycamore AYSO Soccer
- Kishwaukee Valley STORM- Girls travel softball

Kishwaukee Special Recreation Association: The park district holds two agreements with KSRA. One is the Agreement amongst the five member districts of Sandwich, Flagg-Roshelle, Genoa, and Dekalb and Sycamore. This is a 3-year agreement. The second is a yearly MOU with Sycamore Park District, for use of the facility. KSRA has shown growth in programming in the Sycamore area, due to the availability of the new Community Center and growing community.

Changes for MOU in 2023:

- The ARISE Adult Day program will be added to Sycamore location for the months of May, June, July, August. This group meets 3x a week.
- Sensory Room will be developed in 2023, utilizing the vacant Northwestern medicine clinical room at Community Center.

Changes for Park District agreement in 2023:

- The agreement expired December 2022.
- KSRA Board is reviewing document to present to the five park districts in spring 2023.

Northwestern Medicine Kishwaukee Hospital: This letter of Intent was approved in October of 2017, and services began April 2018 when the Community Center was opened. The Letter of Intent ended April 2021 with a yearly review thereafter.

Changes in 2023:

- Terminated agreement in 2022

Northern Illinois University- Department of Kinesiology: Our partnership with the University includes access to students for volunteer opportunities, free demonstrations from Outdoor Adventures, and graduate student/intern recruitment. This MOU was last updated in May of 2020 and will be in place through 2024.

Changes in 2023:

- Tuition fee per student for academic year increased in 2022 to \$14,000-\$15,000, previously \$8000-\$10,000. This was to acquire two Graduate students at 20 hours/week/year. Since 2017, the park district budgets \$20,000 to have two graduate students simultaneously. The Park District has a choice on how many hours and how many students they would like to have, therefore can control the budget expense.
- In 2023, the Budget for Graduate Assistant will be used to hire a part-time, year-round recreation assistant.
- The MOU will stay in place through 2024.

Family Service Agency of DeKalb County:

The Family Services Agency conducts adult senior programs at several locations throughout DeKalb County. Club 55 is held at the Community Center on Mondays and Fridays from 10am-2pm with Family Services staffing. They utilize the track & fitness studio for fitness classes and classroom A for social activities and lunch. We have a yearly MOU to provide space for club 55 in exchange for senior services being provided free to our residents. A summer senior picnic is held in June free of charge.

Changes in 2023:

- No Changes

Sport Affiliate MOU's (Baseball, Softball, STORM, AYSO):

These sport groups hold a 3-year agreement with the park district and are in place through 2024.

These agreements were updated in 2022, to reflect the yearly fee increase through 2025 of sport fields usage, light usage, and fee per player.

Changes in 2023:

- No Changes

FISCAL IMPACT: None at this time.

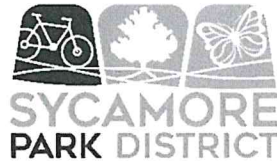
STAFF RECOMMENDATION: For Board information.

PREPARED BY: Theresa Tevsh, Superintendent of Recreation Services

EXECUTIVE DIRECTOR REVIEW/APPROVAL:



BOARD ACTION:



Board of Commissioners
Date of Board Meeting: February 28, 2023

AGENDA ITEM:

Intergovernmental Agreement with Dekalb Park District for pool season passes.

BACKGROUND INFORMATION:

Director Bailey and Commissioner Kroger reached out to the Dekalb Park District to see if an agreement could be reached to provide resident rate season passes for Sycamore Resident to utilize the Dekalb Aquatic facilities.

An intergovernmental agreement was drafted by Ancel Glink (both parties lawyers) that will allow for Sycamore residents to receive the resident rate for season passes. Dekalb Park District will track Sycamore resident purchases, and bill Sycamore Park District the Resident/Non-Resident difference.

FISCAL IMPACT: An average of \$15 per season pass sold to a Sycamore Resident

STAFF RECOMMENDATION: Approval of IGA for the 2023 summer season.

PREPARED BY: Jonelle Bailey, Executive Director

EXECUTIVE DIRECTOR REVIEW/APPROVAL: BOARD ACTION:

JB

**INTERGOVERNMENTAL AGREEMENT BETWEEN
DEKALB PARK DISTRICT AND SYCAMORE PARK DISTRICT
REGARDING HOPKINS POOL PASSES**

THIS INTERGOVERNMENTAL AGREEMENT (“*Agreement*”) is made and entered by and between the DeKalb Park District an Illinois unit of local government (“*DeKalb*”) and the Sycamore Park District an Illinois unit of local government (“*Sycamore*”) (collectively hereinafter referred to as the “*Parties*”) and shall be effective as of the last date of approval as set forth following the Parties’ signatures, below.

WHEREAS, the Constitution of the State of Illinois, Article VII, Section 10, provides that units of local governments may contract and otherwise associate with individuals, governments, and corporations in any manner not prohibited by law or by ordinance; and

WHEREAS, DeKalb owns and operates Hopkins Pool at 1403 Sycamore Road, DeKalb, Illinois, which is scheduled to be open from May 27, 2023 through September 4, 2023 (“*2023 Season*”);

WHEREAS, Sycamore recently made the difficult decision to close its Community Pool;

WHEREAS, DeKalb desires to permit Sycamore residents to use Hopkins Pool at the same rates that it charges to DeKalb residents for season passes, subject to additional payment by Sycamore, for the 2023 Season;

WHEREAS, it is in the best interests of the Parties and their residents to enter into this Agreement.

NOW THEREFORE in consideration of the mutual obligations and promises of the Parties herein set forth and other good and valuable consideration, sufficiency of which is hereby acknowledged, it is hereby agreed by and between the DeKalb and the Sycamore as follows:

1. **RATES FOR USE OF HOPKINS POOL.** DeKalb hereby agrees that residents of Sycamore may use Hopkins Pool for the 2023 Season at the season pass rate that it charges DeKalb residents as provided in Exhibit A which is attached hereto. For daily admission, Sycamore residents shall pay the non-resident rate. Further, Sycamore residents are not eligible for the Family Membership Pass (family of four) that is offered to DeKalb residents. For any Sycamore residents who have already purchased passes at the non-resident rates, DeKalb shall refund the difference between the non-resident and resident rate to the Sycamore residents and DeKalb shall invoice Sycamore and Sycamore shall pay DeKalb as provided in this paragraph. DeKalb shall keep track of the Sycamore residents who pay the resident rates during the 2023 Season and by October 15, 2023, DeKalb shall provide Sycamore with a statement listing the number of Sycamore residents that purchased passes to the pool and the sum total difference between the non-resident and resident charges. Sycamore shall pay DeKalb the difference within 30 days of the date of the invoice. The resident and non-resident rates for the 2023 Season are set forth on Exhibit A.

2. **TERM.** This Agreement is for the 2023 Season only. The Parties may agree to extend it for subsequent years at the discretion of DeKalb and Sycamore on terms negotiated between the Parties.

3. **DAYS AND HOURS OF POOL OPERATIONS.** The use of Hopkins Pool by Sycamore residents shall be on the same general terms and conditions as its use by DeKalb residents.

4. **NO DUTY TO THIRD PARTIES.** This Agreement is entered into solely for the benefit of the Parties, and nothing in this Agreement is intended, either expressly or impliedly, to provide any right or benefit of any kind whatsoever to any person and entity who is not a party to

this Agreement or to acknowledge, establish, or impose any legal duty to any third party. Nothing herein shall be construed as an express and/or implied waiver of any common law and/or statutory immunities and/or privileges of DeKalb, Sycamore, and/or any of their respective officials, officers, employees, agents or volunteers.

5. **REPRESENTATIONS AND WARRANTIES.** Neither Party makes any representations or warranties, except as specifically set forth in this Agreement.

6. **NON-ASSIGNMENT.** Neither Party may assign any rights or duties under this Agreement without the prior written consent of the other Party.

7. **TIME IS OF THE ESSENCE.** Time is of the essence of this Agreement.

8. **SEVERABILITY.** It is mutually understood and agreed that all agreements and covenants herein are severable and that in the event any of them shall be held to be invalid by any Court of competent jurisdiction, this Agreement shall be interpreted as if such invalid agreement or covenant were not contained herein.

9. **MODIFICATION.** The agreements, covenants, terms and conditions herein contained may be modified only through the written mutual consent of the Parties hereto.

10. **CAPTIONS.** Captions and paragraphs headings are for convenience only and are not a part of this Agreement and shall not be used in construing it.

11. **NOTICE.** Any and all notices required to be delivered hereunder shall be deemed delivered when and if personally delivered, or mailed by certified mail, return receipt requested, postage prepaid (or sent by recognized overnight carrier service), or by email transmission during regular business hours, to the Parties as set forth below:

If to the DeKalb:	John Shea, Jr., Executive Director DeKalb Park District 1403 Sycamore Rd. DeKalb, IL 60115
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jshea@dekalbparkdistrict.com

If to the Sycamore: Jonelle Bailey, Executive Director
Sycamore Park District
480 Airport Rd
Sycamore, IL 60178
jonelleb@sycparks.org

Either Party hereto may change the names and addresses of the designee to whom notice shall be sent by giving written notice of such change to the other Party hereto in the same manner as all other notices are required to be delivered hereunder.

12. COUNTERPARTS AND ELECTRONIC SIGNATURES. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, and all of which, when taken together, shall constitute one Agreement. This Agreement and documents executed, scanned and transmitted electronically and electronic signatures shall be deemed original signatures for purposes of this Agreement and any amendments to the Agreement, with such scanned and electronic signatures having the same legal effect as original signatures.

13. RECITALS AND EXHIBIT. The recitals and Exhibit to this Agreement are incorporated by this reference.

SYCAMORE PARK DISTRICT

DEKALB PARK DISTRICT

By: _____
William Kroeger, its President

By _____
Patrick Fagan, its President

Attest:

Attest:

By: _____
Its Secretary

By: _____
Gail A. Krmenech, its Secretary

Dated: _____, 2023

Dated: _____, 2023

EXHIBIT A

<u>POOL PASS TYPE</u>	EARLY BIRD (before April 30)		REGULAR (after April 30)	
	Res.	Non-Res	Res.	Non-Res
Family Membership (family of four)	\$120.00	N/A	\$135.00	N/A
Active Adult Pool Pass (ages 55+)	N/A	N/A	\$45.00	\$56.00
Individual Membership (ages 4+)	\$85.00	\$110.50	\$90.00	\$117.00
Additional Member (ages 4+)	\$20.00	\$26.00	\$25.00	\$30.50
Children (ages 3 and under)	N/A	N/A	Free	Free