

Turner Recreation Commission

MEP Systems Long Range Planning and Improvements Study

May 6, 2021



Turner Recreation Commission

MEP Long Range Planning and Improvements Study

Project Summary

Project Overview

The Turner Recreation Commission is located in Kansas City, Kansas at 831 S 55th St. The building consists of two building periods: the original school building and the gymnasium addition. The Turner School District (USD #202) desires to understand the replacement schedule of existing MEP systems and the impacts and costs of any MEP system improvements to better serve the building's community center usage. An opinion of renovation cost is provided for the aforementioned items.

Project Scope of Work

1. Review of existing drawings provided.
2. On-site visual assessment of existing building systems.
3. Report containing narrative describing assessment process, recommended improvement approaches, and cost opinion.



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Existing Conditions

Mechanical Analysis

The Turner Recreation Commission is currently conditioned using a combination of variable refrigerant flow (VRF) systems, furnace with A/C split systems, and rooftop units (RTU). The original school building is conditioned with VRF, furnace split systems, and several gas-fired, ground-mounted rooftop units. The gymnasium addition is conditioned with gas-fired, horizontal-discharge rooftop units. Two existing boilers are abandoned in place in the school building's basement. One is the original cast iron steam boiler, the other is a remnant of a prior renovation. All HVAC systems vary widely in age, condition, and effectiveness. Many of the existing systems are inadequate to meet the requirements of the space they serve. This is largely due to differences between the building's original use as a school and the current community center operation. No space conditioning is provided for the fourth floor.

Heating, Ventilation, and Air Conditioning:

Two 15-ton, gas fired RTU's serve the gymnasium area. One 7.5-ton, gas fired RTU serves the stage. The gymnasium and stage rooftop units were manufactured in 2003. Many perimeter spaces, including the kitchen, library, fitness center, are served by the ground-mounted rooftop units. These appear to be a similar age to the gymnasium units: 15+ years old. One 5-ton condensing unit is located above the second level classrooms, east of the gym. This serves the split system that conditions the boxing area on the third floor. The condenser and furnace were manufactured in 2006. The VRF system, consisting of indoor fan coil units and 3-ton outdoor heat pumps, is 5 years old. Most interior classrooms, office spaces, and restrooms within the old school building are conditioned with VRF indoor coils. Restrooms are exhausted with ceiling cabinet fans, all of which could give out at any moment.

The ground-mounted rooftop unit serving the fitness center is only ducted to distribute air to half of the fitness area. Circulating fans are required to transport conditioned air to the other half. An electric unit heater is located in the basement boiler room and the gymnasium basement has a gas unit heater. Both appear to be in good condition.



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Typical Gymnasium 15-Ton RTU



Stage 7.5-Ton RTU



VRF Outdoor Heat Pumps



Fitness Center Ductwork



Typical Ground-Mounted RTU



Existing Boiler

Hydronic Systems

The existing 2499 MBH gas-fired steam boiler was manufactured in 1997. It does not appear to be in use at this time.

Controls

There is no building management system in place. Each VRF unit utilizes individual thermostats that prioritizes one zone over others as the zone of control. This can lead to challenges in the event that one zone requires heating while the zone of control calls for the VRF system to go into cooling mode (or vice versa). This scenario is prevalent in shoulder seasons when zones with differing exposures are served by the same VRF unit—a condition that exists in many spaces in this building. The rooftop units and furnace with A/C split systems are also controlled via space thermostats.



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Electrical Analysis

Electrical Power

The community center is served by an 800-amp, 208/120 volt, 3 phase, 4 wire service located in the basement of the building on the east side in a room inside the fitness center. This panel, MSP, serves all of the loads in the facility. It is served by a pole mounted utility transformer located east of the building.

The existing main distribution panel feeds another distribution panel in the same room. These two panels feed larger HVAC loads and branch circuit panelboards throughout the building. There are numerous branch circuit panels throughout the building. They all vary in age, condition, and style as a result of numerous renovations and upgrades through the life of the building. Staff has been working through the years to identify circuits in these panels as to what is served by each. They are not complete with the process but have stated that due to the nature of renovations and modifications through the years it is very unclear and random at times. Some circuits come from panelboards on the opposite side of the building.



Main Service Panel MDP



Panelboard DP1 adjacent to MDP



Example Panelboard



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Remnants of original electrical service opposite wall of current



Example Panelboard



Example Panelboard

Lighting

Lighting within the facility appears to mostly be fluorescent tube lighting. The original gymnasium is provided with metal halide lighting. The stage at the gymnasium has simple incandescent light bars above the stage as well as incandescent spot lights above the basketball court for theatrical/stage performance lighting. We did not note any significant installation of motion switches or other "modern" lighting control systems. Lighting controls appear to be largely manual wall switches in most areas.



Gymnasium Lighting



Stage Lighting

Lighting controls in the gym and stage area primarily consist of switching via standard wall switches and circuit breakers. There is no theatrical lighting control system of any sort that would provide automated or higher level of dimming, sequencing, or other typical theatrical functions.

Exit and emergency lighting in the facility is provided by two headed directional type lamp head fixtures with integral battery backup. Some portions of the building, such as the basement and gymnasium lockers, that are less utilized have emergency lighting, but it may not be fully covered with 1 FC at exit pathways throughout the facility.



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Telecommunications

The telecommunications service entrance is in the same basement room as the electrical service. Like other systems in the building it has been added to and expanded several times through the building's history. There is a combination of unused legacy wiring and newer wiring that appears to support internet and phone usage.

Fire Alarm System

The fire alarm system in the building is a Silent Knight system and is located in the same room as the telecom services. The existing system is very simple and limited. Overall coverage of annunciating devices in the building is limited as to full ADA coverage and would require additional devices in any major renovation.



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Plumbing Analysis

Plumbing Fixtures

The water closets throughout the building are floor-mounted flush tank type. The urinals are wall-mounted flush valve type. Counter-top mounted, drop-in lavatories are utilized in the restrooms. These fixtures throughout the facility are dated. ADA accommodations would need to be made on the third floor Men's Restroom.

Domestic Water

The existing water service entrance assembly is located behind the existing boilers in the basement. A gas-fired domestic water heater with recirculation pump is also located there. Domestic water piping age is unknown; however, it is in poor condition. The building is riddled with indications of previous pipe leaks. The natural gas piping is serviceable as it exists.

Sanitary

The existing cast iron sanitary piping is in severe condition. The facility staff outlined that snaking floor drains in the past has caused pipes to collapse. A grease waste interceptor is in use in the kitchen under the three-pot sink.



Patched Floor Drain



Urinals with Water Damage



Kitchen Grease Interceptor



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Recommendations

Approach

The following recommendation sections explore two scenarios:

- The upkeep of existing systems to maintain building use into the foreseeable future
- An architectural redesign of the building function/programming for TRC-tailored use

Essentially the paths to continued usage of this facility on a long term term basis will come down to continuing to use the building, essentially, "as-is" with minor improvements, upgrades and remodels for the next several years, versus, implementing major renovations and modifications to the facility to support the district and community for the extended future. This decision most likely is larger than the recommendations mentioned in this report regarding the mechanical, electrical and plumbing systems in the building, as they are but only a portion of the components in the overall future path of this facility.

The recommendations that follow will address a 5 to 10 year period of time for budgetary planning purposes to continue to operate the building as currently used. Other recommendations will be larger "big picture" recommendations and budgets should the City/District ultimately decide to pursue a major renovation and construction project for the facility.



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Mechanical Recommendations

Building upkeep (5-10 year):

It is recommended to replace both roof and ground mounted rooftop units. They are nearing the end of their expected service life. A scheduled approach of replacing rooftop units over the next five years is recommended. The VRF system is still in the early stages of its average service life and does not need replaced. The furnace split systems serving the office spaces and second level, south-end studio appear to be in good condition and could be replaced in the event of equipment failure. The boxing area furnace with A/C split system and associated condensing unit is due for replacement. Restroom cabinet exhaust fans are also in need of replacement.

Approximate Potential Budget: \$264,000

Major renovation provisions:

A complete HVAC redesign would be recommended in the case of building reprogramming. Due to the use as a community center, the diversity of space use and subsequent space load is incredibly broad. Fitness centers, yoga studios, and boxing classes have drastically different load profiles and ventilation requirements than childcare areas, classrooms, and multipurpose spaces. Programming purpose-driven spaces would allow for adequate conditioning of the space. This approach is not without challenges. The wood framed structure requires fully ducted return and proper ventilation would require conditioning of corridors. Both of these items require pathway for ductwork or localized equipment to be established within the building, which is limited due to the date of original construction.

Approximate Potential Budget: \$1,120,000



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Plumbing Recommendations

Building upkeep (5-10 year):

It is recommended to replace building domestic water and drain waste vent piping. There are numerous instances of leakage, damage and other issues visible with current pipe leaks in both systems. Much of the piping was inaccessible for viewing, but we would expect large amounts of galvanized piping which we would expect to be extremely corroded. Plumbing fixtures are also aged, dissimilar and we would recommend replacement for improving maintenance and appearances. The existing natural gas piping is serviceable for the foreseeable future.

Approximate Potential Budget: \$400,000

Major renovation provisions:

Similarly, replace all building plumbing systems including natural gas piping to suit any sizing adjustments. Essentially, any renovation would require massive ADA upgrades and new plumbing construction to support new usage of the facility renovated into a modern community center.

Approximate Potential Budget: \$475,000



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Electrical Recommendations

Building upkeep (5-10 year):

Due to the age and confusion of the existing electrical system and components, we would recommend an extensive reworking of the electrical system.

The shorter term maintenance path would be an incremental renovation/replacement of the main components and organization of the circuiting in areas of the building. This option would necessitate the replacement of the existing main distribution panel as well as most older panels in the building. There are some newer panels that could be reused in areas that have been renovated or repurposed. There are reports from the building occupants that existing circuits are not all labeled and some circuits are unknown as to where they are fed from. We would recommend that the existing old panels be replaced. All existing circuits should be traced, labeled and where circuits are found to not be logically fed or routed they should be cleaned up, reconfigured, labeled and recircuited for future maintenance and servicing purposes. Also all old enclosures, unused conduits, switches and electrical components should be removed to aid in organizing the electrical infrastructure of the building.

Generally all the lighting in the building is quite old in the gym area of the building or is fluorescent but newer in the main classroom portion of the building. LED lighting is more efficient and controllable and would be a good upgrade to consider for energy and maintenance purposes. Simply replacing existing fixtures on a one for one basis would be a simple and easy upgrade.

This could be accomplished in a single project in conjunction with other electrical upgrades or by city/district staff as available to replace fixtures. A budget to replace the existing light fixtures on a one for one basis would be approximately \$65-100,000. Adding motion sensors and other digital lighting controls to the scope of work would add another approximately \$60,000. To upgrade the existing stage lighting to provide a very simple theatrical lighting system and infrastructure would be \$100-200,000 depending on the scope and intent required.

Approximate Potential Budget: \$730,000

Major renovation provisions:

This scope electrically would replace and upgrade much if not all of the internal electrical infrastructure in the building to support new uses and expand the capabilities. Generally all old equipment, lighting, components, etc would be demolished and essentially all new electrical components would be installed. The existing shell of the building would remain, but internally the systems would be new. Budgetarily, for electrical systems we would recommend a budget of approximately 35\$/sf for electrical systems, voice/data wiring, fire alarm, access control and security systems.

Approximate Potential Budget: \$1,400,000



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May 12, 2021

Turner Recreation Commission
Turner Recreation Center
831 S 55th St. Kansas City, Kansas 66106
Attention: Bobby McFarland

Quotation: PB09357782P
RFP#:
License/Cert

Reference: Turner Recreation Center
SALTO Door Solution and Entry System

On behalf of Convergent's global network of colleagues, I would like to personally thank you for providing Convergent Technologies with the opportunity to present this proposal addressing your electronic security needs. We are confident that this proven solution is both comprehensive and customized to meet your needs today, and in the future.

Convergent's reputation for service excellence is backed by a foundational commitment to our core value of service, and we have been recognized as the #1 Systems Integrator by SDM Magazine. This recognition reflects the strong relationships Convergent has developed with the industry's top technology manufacturers, and our history of success with providing exceptional service to our customers.

Our guiding principle has always been to be our customers' best service provider. Our dedicated and certified team of professionals strives to uphold our customer-focused, service-based mission to make a daily difference for our customers. After achieving a successful on-time and on-budget project installation, Convergent will provide you with the industry's best ongoing service, including our 24/7 customer portal iCare, designed to track service work orders, project progress, and provide you with detailed metric reporting for continuous improvement.

The following security proposal is specifically designed to meet your needs. As your single point of contact, please feel free to contact me with any additional questions you may have. Thank you again for trusting Convergent Technologies as your partner.

Scope of Work

SALTO Door Solution:

Convergent Technologies is providing this proposal based upon walk throughs and discussions with the customer. Convergent Technologies will install, program, and test the door solutions as described in the scope of work below. The attached drawings show the proposed door locations. If anything needs adjusted, added, or removed please let us know.

Hub Exit – Provide a wired reader and electronic door strike to act as a wired credential update point.

Main Entry Door #1 – Provide a wired reader and electronic door strike to act as a wired credential update point and integrate with the door entry system.

Main Entry Door #2 – Replace the existing crash bar with a compatible crash bar and XS4 escutcheon for a wireless entry point.

Girls Locker Room Entry – Provide an XS4 Standard with a cylindrical kit for a wireless access point

Library Entry – Provide a new escutcheon and crash bar conversion kit for a wireless access point.

Gym Lobby – Replace the existing crash bar with a compatible crash bar and XS4 escutcheon for a wireless entry point. Provide a door position switch for the other three Gym Entry doors to monitor for door open status. Locking hardware to remain mechanical lock to be unlocked when it is necessary to have all four doors accessible for events. Wireless solutions can be added to these doors in the future as budget allows.

Fitness Exit – Provide a door position switch to monitor for a door open status.

Bears Den – Provide a crash bar conversion kit and a XS4 escutcheon for a wireless entry point.

Boxing Entrance – Replace keypad with XS4 Standard escutcheon with keypad option for wireless entry point.

Boxing North Exit – Provide a wireless Neo Cylinder to replace the current keyed cylinder. Provide a door position switch and a and Piezo for remote and local notification of door open status.

Boxing East Exit - Exit only door. Provide door position switch to monitor for door open status.

4th Floor Exit – Exit only door. Provide a door position switch to monitor for door open status.

4th Floor Entrance – Replace the existing padlock with a wireless standalone padlock.

Equipment Room Exit – Replace the existing dead bolt with a Neo wireless dead bolt.

Door Entry System:

Included in this proposal is the equipment and labor to install a door entry system for the Main Entry door based upon discussions with the customer. Convergent Technologies will install, program, and test the door entry system and provide 8 mobile licenses for the capability of answering calls and providing access via an application on the user's cell phone. The attached drawings show the proposed door and placement of the head end unit and the call station. If anything needs adjusted, added, or removed please let us know.

Convergent Deliverables:

1. Parts and materials as listed
2. Installation of parts and materials as listed
3. Termination of parts and materials as listed
4. Program, testing, and fully commissioning of parts/materials as listed
5. Customer turn-up and sign off as well as training will be provided by Convergent during a scheduled training session with the Convergent Project Manager. Convergent will show the customer how to program credentials and the user database

Customer Deliverables:

1. Access to site for engineering, installation, and testing
2. All AC Power and AC Power Connections as needed
3. IP Addresses and Port assignment
4. Server or workstation for supplied software
5. Wireless Gateway access points will be powered over ethernet on customer provided switches
6. Create user database and load credentials for users
7. Cell phone connection to door entry system application
8. Training as needed and within Scope of Work as scheduled with Convergent Project Manager

Exclusions:

1. AC Power
2. AC Power Connections
3. IT Support
4. Network Switches or Ports
5. Unknown Conditions



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Project: **TURNER RECREATION'S AS-BUILT'S**
ARTHUR C. WALUGH COMMUNITY CENTER

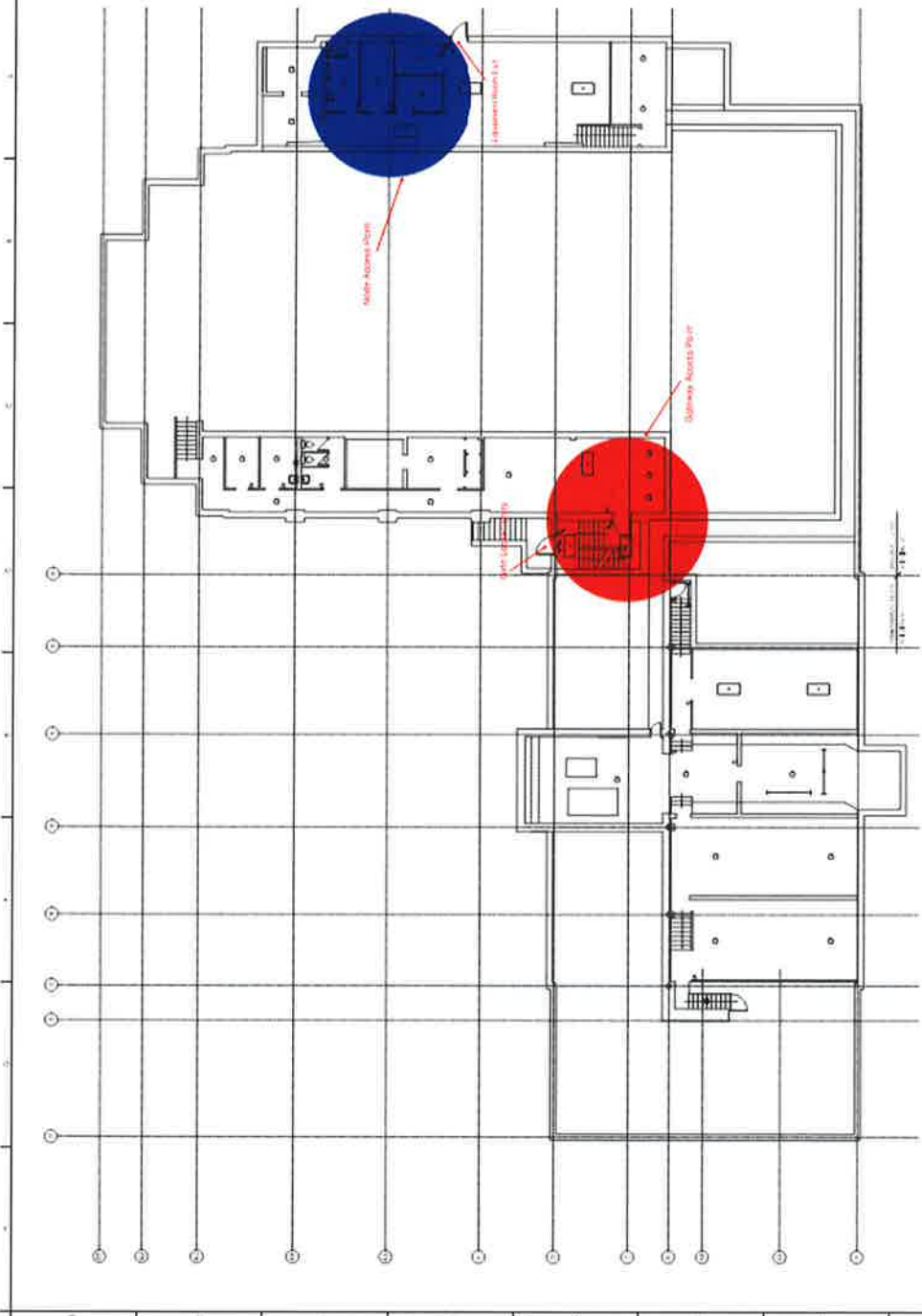
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3	08/14/13	REVISED PER COMMENTS
4	08/14/13	REVISED PER COMMENTS
5	08/14/13	REVISED PER COMMENTS
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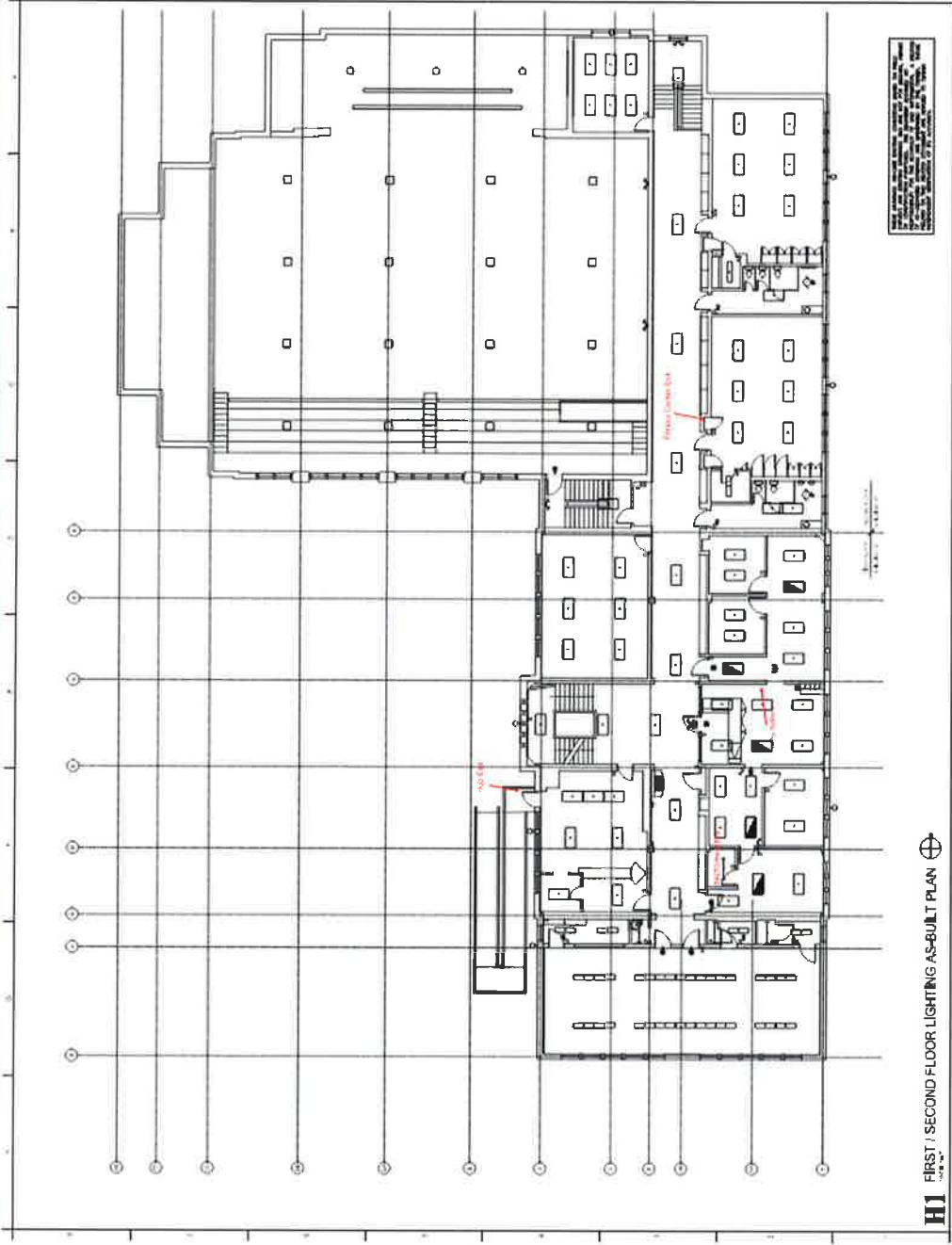
SUB-BASEMENT / BASEMENT LIGHTING AS-BUILT PLAN

E 101



ALL LIGHT FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALL LIGHT FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALL LIGHT FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

H1 SUB-BASEMENT / BASEMENT LIGHTING AS-BUILT PLAN



H1 FIRST / SECOND FLOOR LIGHTING AS-BUILT PLAN



TURNER RECREATION'S AS-BUILT ARTHUR C. WAUGH COMMUNITY CENTER

PROJECT NO. 104
 1000 W. 10TH ST. SUITE 100
 DENVER, CO 80202
 TEL: 303.733.1111
 WWW.KIMMCOVENS.COM

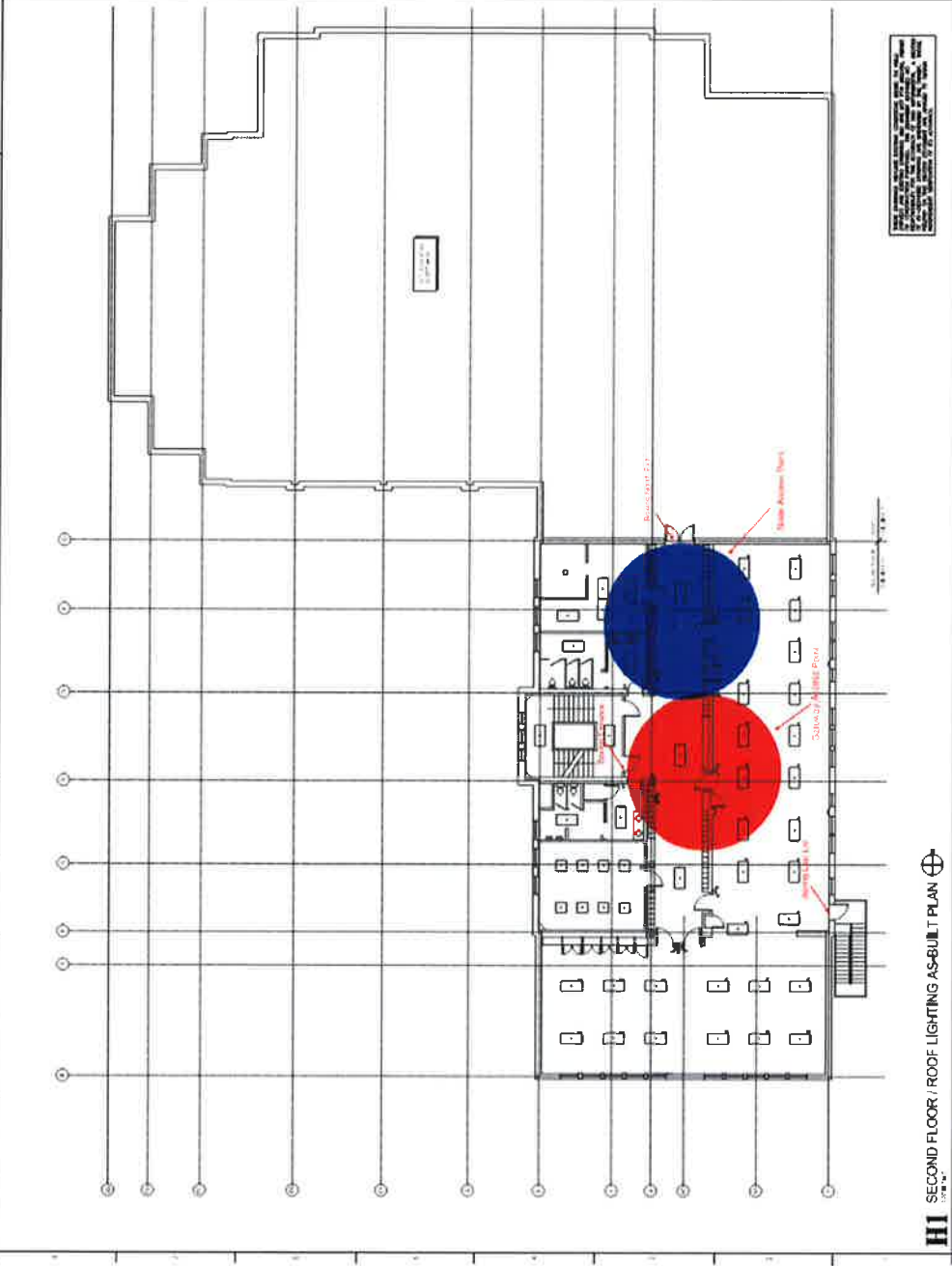


DATE	10/15/14
DESCRIPTION	AS-BUILT
BY	JK
CHECKED	JK
APPROVED	JK

SECOND FLOOR / ROOF LIGHTING AS-BUILT PLAN

E

104



H1 SECOND FLOOR / ROOF LIGHTING AS-BUILT PLAN



KEVIN C. DWAN ARCHITECTS
 100 WEST 11TH STREET, SUITE 100
 NEW YORK, NY 10011
 TEL: 212 691 1800
 WWW.KCDWA.COM

TURNER RECREATION'S AS - BUILTS
 ARTHUR C. VAUGHN COMMUNITY CENTER

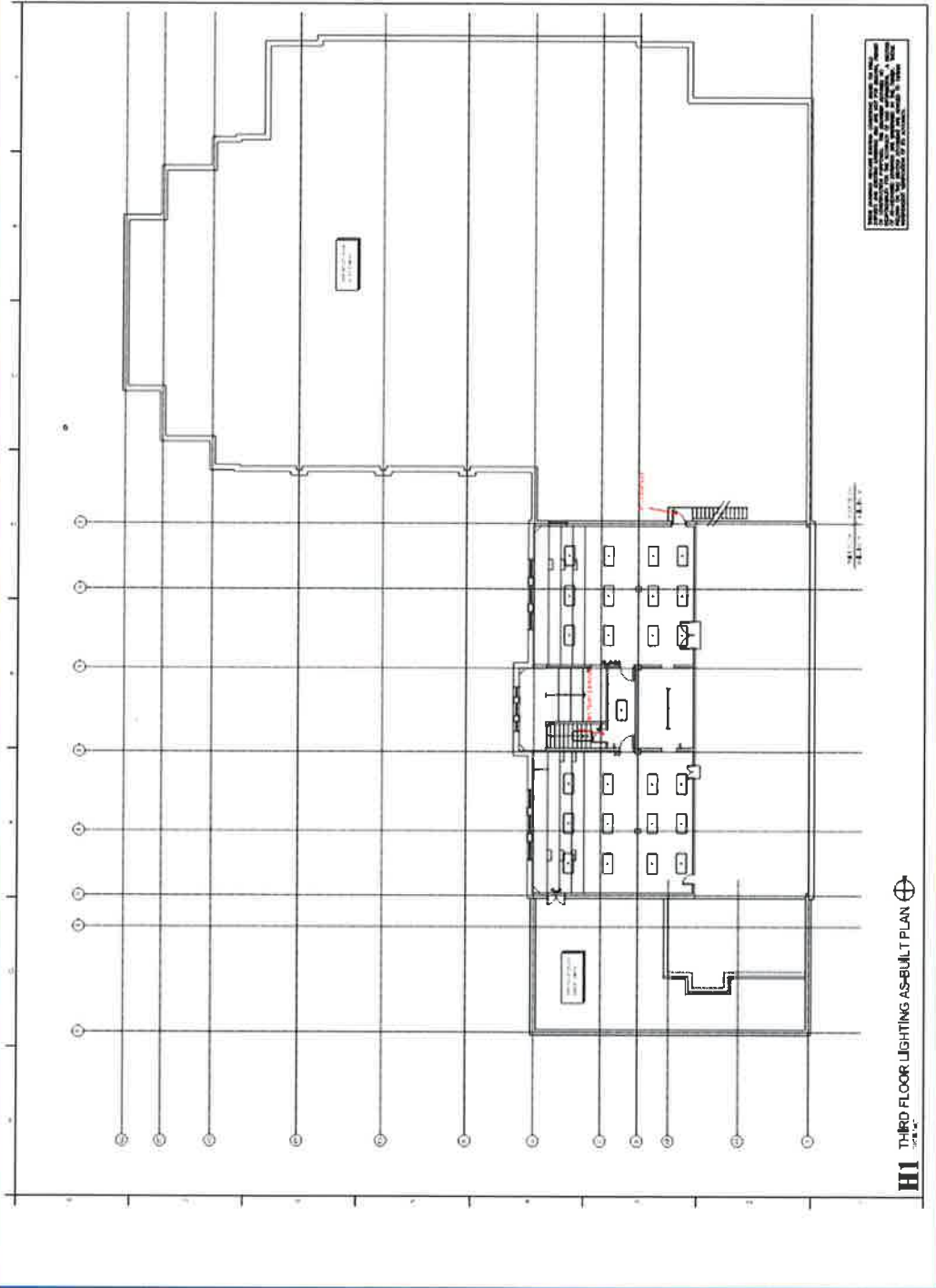
PROJECTIONS
 PROJECT NO. 2007-0001
 DRAWING NO. E-105
 DATE: 05/20/13



NO.	DATE	DESCRIPTION

THIRD FLOOR LIGHTING AS-BUILT PLAN

E 105



H1 THIRD FLOOR LIGHTING AS-BUILT PLAN

Materials

Line	Qty	Part	Description	Unit Price	Extended Price
1			Starter Kit		
2	1.00	SPAONLABAB	Starter Kit SPAONLINE PPD800 ECB04 CU42E0TUS ANSI rdr Black ANSI 2nd rdr Black	\$ 2,022.38	\$ 2,022.38
3			Credentials		
4	1.00		10 Contactless Smart FOB Mifare 4KByte. Red Frame and White Centre	\$ 112.04	\$ 112.04
5			Licensing		
6	10.00		License per Bluenet Lock to convert to fully wireless lock	\$ 68.98	\$ 689.80
7	1.00		License for wireless lock communication	\$ 56.16	\$ 56.16
8	1.00	SPACE-OPT- 0032	Alarm Event Licensing to allow Salto to send email notification/integration licensing	\$ 591.09	\$ 591.09
9			Head End Equipment		
10	1.00	CU42E0TUS	Control Unit XS4 2.0 two rdr 6 in 4 out eth	\$ 739.04	\$ 739.04
11	4.00	CU4200TUS	Control Unit XS4 2.0 two rdr 6 in 4 out RS	\$ 420.63	\$ 1,682.52
12	1.00	TROVE2SA2	TROVE2 W/ALTRONIX/SALTO BKPLNE	\$ 342.32	\$ 342.32
13	1.00	EFLOW102NB	12VDC @ 10 amp BOARD	\$ 208.08	\$ 208.08
14	1.00	EFLOW104NB	24VDC @ 10 amp BOARD	\$ 240.20	\$ 240.20
15	1.00	ACM4CBE	ACC PWR CNTRLR W/ENCL, 4PTC TR	\$ 82.08	\$ 82.08
16	1.00	PDS8CBK1	VR6/PDS8CB KIT	\$ 89.45	\$ 89.45
17	1.00	ACM8CBE	8 CHAN CONTROL W/ENCL & BKRS	\$ 133.86	\$ 133.86
18	1.00	RSB2	BRACKET W/2 ROCKER SWITCHES	\$ 31.78	\$ 31.78
19	1.00	BR1	BRACKET FOR POWER DIST MODULES	\$ 40.47	\$ 40.47
20	3.00		Wireless Gateway/BLUenet node/white/1	\$ 478.13	\$ 1,434.39
21	4.00	RFNODEW	RF3 Node White	\$ 156.46	\$ 625.84
22			Hub Exit		
23	1.00	WRDB0A4B	Wall Reader ANSI XS4 2.0 BLE DESFire Mifare Black	\$ 577.45	\$ 577.45
24	1.00	9600-630- LBSM	9600-630-LBSM 12/24VDC,RIM,SURF MT,LCHBLT & STRIKE MON,US32D	\$ 441.06	\$ 441.06
25	2.00	HE-10750421	SHIM PLATE WITH THE 630 FINISH	\$ 21.20	\$ 42.40
26	1.00	GI-19512W	3/4" DUAL REED IN WHITE	\$ 15.55	\$ 15.55
27	1.00	DS160	PIR REQUEST TO EXIT SENSOR WITH SOUNDER GRAY	\$ 77.14	\$ 77.14
28			Main Entry Door #1		
29	1.00	WRDB0A4B	Wall Reader ANSI XS4 2.0 BLE DESFire Mifare Black	\$ 577.45	\$ 577.45
30	1.00	9600-630- LBSM	9600-630-LBSM 12/24VDC,RIM,SURF MT,LCHBLT & STRIKE MON,US32D	\$ 441.06	\$ 441.06
31	2.00	HE-10750421	SHIM PLATE WITH THE 630 FINISH	\$ 21.20	\$ 42.40
32	1.00	GI-19512W	3/4" DUAL REED IN WHITE	\$ 15.55	\$ 15.55
33	1.00	DS160	PIR REQUEST TO EXIT SENSOR WITH SOUNDER GRAY	\$ 77.14	\$ 77.14
34			Main Entry Door #2		

Line	Qty	Part	Description	Unit Price	Extended Price
35	1.00	AB650A00IM H8-W-	XS4 Panic Bar Trim BLE Mifare DESFire SVN RFnet	\$ 1,239.83	\$ 1,239.83
36	1.00	KPB03IMW	XS4 PB Kit Salto PBF110 Von Duprin series 98 & 99 SVN RFnet satin stainless	\$ 500.62	\$ 500.62
37	1.00	LC1KC70IM	Cylindrical Cartridge Lock ANSI Grade 2 2-3/4" backset(std comm) satin stainless	\$ 137.99	\$ 137.99
38	1.00	SP220475-6	Outdoor Kit, pair of gaskets for weather exposed XS4 escutcheons, pack of 6 sets	\$ 113.07	\$ 113.07
39	Girls Locker Room Entry				
40	1.00	AB650A00IM 38-WK	XS4 KPD Escutcheon BLE Mifare DESFire SVN RFnet	\$ 1,419.28	\$ 1,419.28
41	1.00	LC1KC70IM	Cylindrical Cartridge Lock ANSI Grade 2 2-3/4" backset(std comm) satin stainless	\$ 134.23	\$ 134.23
42	1.00	SP220475-6	Outdoor Kit, pair of gaskets for weather exposed XS4 escutcheons, pack of 6 sets	\$ 116.24	\$ 116.24
43	Library Entry				
44	1.00	AB650A00IM H8-W-	XS4 Panic Bar Trim BLE Mifare DESFire SVN RFnet	\$ 1,239.83	\$ 1,239.83
45	1.00	LC1KC70IM	Cylindrical Cartridge Lock ANSI Grade 2 2-3/4" backset(std comm) satin stainless	\$ 137.99	\$ 137.99
46	1.00	SP220475-6	Outdoor Kit, pair of gaskets for weather exposed XS4 escutcheons, pack of 6 sets	\$ 113.07	\$ 113.07
47	Gym Lobby Entry Door				
48	1.00	AB650A00IM H8-W-	XS4 Panic Bar Trim BLE Mifare DESFire SVN RFnet	\$ 1,239.83	\$ 1,239.83
49	1.00	LC1KC70IM	Cylindrical Cartridge Lock ANSI Grade 2 2-3/4" backset(std comm) satin stainless	\$ 137.99	\$ 137.99
50	1.00	SP220475-6	Outdoor Kit, pair of gaskets for weather exposed XS4 escutcheons, pack of 6 sets	\$ 113.07	\$ 113.07
51	Gym Lobby Door #2				
52	1.00	D2-DCHS30	SURFACE MOUNT DOOR CONTACT	\$ 6.77	\$ 6.77
53	Gym Lobby Door #3				
54	1.00	D2-DCHS30	SURFACE MOUNT DOOR CONTACT	\$ 6.77	\$ 6.77
55	Gym Lobby Door #4				
56	1.00	D2-DCHS30	SURFACE MOUNT DOOR CONTACT	\$ 6.77	\$ 6.77
57	Fitness Exit				
58	1.00	GI-19512W	3/4" DUAL REED IN WHITE	\$ 15.55	\$ 15.55
59	Bears Den Exit				
60	1.00	AB650A00IM H8-W-	XS4 Panic Bar Trim BLE Mifare DESFire SVN RFnet	\$ 1,239.83	\$ 1,239.83
61	1.00	KPB03IMW	XS4 PB Kit Salto PBF110 Von Duprin series 98 & 99 SVN RFnet satin stainless	\$ 500.62	\$ 500.62
62	1.00	LC1KC70IM	Cylindrical Cartridge Lock ANSI Grade 2 2-3/4" backset(std comm) satin stainless	\$ 137.99	\$ 137.99
63	1.00	SP220475-6	Outdoor Kit, pair of gaskets for weather exposed XS4 escutcheons, pack of 6 sets	\$ 113.07	\$ 113.07

Line	Qty	Part	Description	Unit Price	Extended Price
64	Boxing North Exit				
65	1.00	NBB1100N00 CSBN-R	NEO US Rim Cylinder BLE Mifare DESFire SVN	\$ 601.23	\$ 601.23
66	1.00	SP220475-6	Outdoor Kit, pair of gaskets for weather exposed XS4 escutcheons, pack of 6 sets	\$ 116.24	\$ 116.24
67	1.00	PZ1	Piezo on Key Plate - Single Gang	\$ 50.57	\$ 50.57
68	1.00	2507AH-L	CONTACT ALUMINUM HOUSING SPDT SURFACE MNT W/ARMORED CABLE WIDE GAP 3/4 TO 2"	\$ 69.80	\$ 69.80
69	Boxing East Exit				
70	1.00	GI-19512W	3/4" DUAL REED IN WHITE	\$ 15.55	\$ 15.55
71	1.00	DS160	PIR REQUEST TO EXIT SENSOR WITH SOUNDER GRAY	\$ 77.14	\$ 77.14
72	Boxing Entrance				
73	1.00	AB650A00IM 38-WK	XS4 KPD Escutcheon BLE Mifare DESFire SVN RFnet	\$ 1,419.28	\$ 1,419.28
74	1.00	LC1KC70IM	Cylindrical Cartridge Lock ANSI Grade 2 2-3/4" backset(stdn comm) satin stainless	\$ 137.99	\$ 137.99
75	4th Floor Exit				
76	1.00	GI-19512W	3/4" DUAL REED IN WHITE	\$ 15.55	\$ 15.55
77	4th Floor Entrance				
78	1.00	G9P2148890C PBNW	GEO Indoor Padlock Mifare DESFire SVN RFnet Black Rdr shackle 8mm dia-90mm len polished chrome	\$ 897.08	\$ 897.08
79	Equipment Room Exit				
80	1.00	NBB3151N00 CSBN-R	NEO Rim Cylinder BLE Mifare DESFire SVN Black Rdr Salto DB not incl IP66 satin chrome	\$ 601.23	\$ 601.23
81	1.00	LD51C70CS	Deadbolt, single cylinder for use with GEO heavy duty deadbolt cylinder, 2 3/4" backset, standard operation, satin chromium finish	\$ 219.84	\$ 219.84
82	1.00	SP220475-6	Outdoor Kit, pair of gaskets for weather exposed XS4 escutcheons, pack of 6 sets	\$ 116.24	\$ 116.24
83	Entry System				
84	1.00	AJ-JOS1VW	#1-JODV/1-JO1MDW/1-PS1820/APP JOS-1VW	\$ 735.70	\$ 735.70
85	Wire				
86	2.00	LAKE 702790-09-.5RBX	22-3P OS&J +18-4C JKT +22-4C JKT +22-2C JKT CMP WHT .5RBX CSC ACCESS CNTRL CBL 702790-09-.5 C1029475	\$ 902.07	\$ 1,804.14
87	2.00	CRL 7131900	23-4P C6E CMP BLU 1BX GENSPEED	\$ 602.34	\$ 1,204.68

Equipment Total	\$	28,181.37
Total Labor	\$	20,072.42
Other Costs	\$	2,857.14
Freight/Warranty	\$	1,679.34
Tax if applicable	\$	0.00
Total Project Price	\$	52,790.27

Clarifications and Exclusion

1. All work proposed herein, shall be performed during normal business hours Monday through Friday 8:00 am - 5:00 pm.
2. Low voltage wiring shall be installed via open air code approved methods.
3. Provision or installation of conduit, wire, boxes, fittings or other electrical installation materials unless specifically listed under Inclusions or Bill of Materials.
4. Permits or associated fees are not included.
5. Customer to provide static IP addresses and network connections at panel locations.
6. Customer to provide a secured staging & storage area for project related materials.
7. Pricing assumes that electronic Auto CAD files are available from customer for our use in creating submittal drawings.
8. Twenty-Five percent (25%) of the proposed sell price shall be payable to Convergent Technologies for project mobilization. Mobilization shall be invoiced and due upon customer acceptance of this proposal.
9. Proposal does not include sales tax unless otherwise noted.
10. Anything in the Contract Documents notwithstanding, in no event shall either Contractor or Subcontractor be liable for special, indirect, incidental or consequential damages, including commercial loss, loss of use, or lost profits, even if either party has been advised of the possibility of such damages.
11. Convergent Technologies reserves the right to negotiate mutually acceptable contract terms and conditions with customer by making mutually agreeable changes to the formal contract included in the Bid Documents.

Performance Items

Items Included	
Attend Owner Project Meetings	Cable
Electrified Door Locking Hardware	Freight (prepaid)
Installation of Conduit, Boxes and Fittings	Installation of Control Equipment Enclosures
Installation of Low Voltage Wire	Installation of Specialty Backboxes
Installation of Terminal Cabinets	Installation of Wire and Cable
Installation of Wire Hangars	Loading Software on Customer Provided Computer
Material (listed in the BOM)	Mounting/Termination of Proposed Devices
One-Year Warranty on Labor	One-Year Warranty on Parts
Owner to Provide Static IP Addresses	Owner Training
Project Management	Servers by Others
System Engineering	System Programming
Terminal Cabinets	Termination of Control Equipment Enclosures
Testing of all Proposed Devices	Wire
Workstations by Others	

Items Excluded	
120 VAC Power and Fused Disconnect Switch	120 VAC Power Receptacles
Additional Lighting Requirements for Cameras	Applicable Taxes
Attend General Contractor Project Meetings	Authority having Jurisdiction permit drawing (requires customer CAD)
Ceiling Tiles and Ceiling Grid Repairs	Connection to Building Fire Alarm Panel
Correction of Wiring Faults Caused by Others	Door wiring typical connections
Electrical Installation Permit	Engineering and Drawings
Equipment rack layout drawing	FA Permit and Plan Review Fees
Fire Stopping (Excludes Existing Penetrations)	Fire Watch
Floor Coverings for Lifts	Floor plan with device placement and numbering (requires customer CAD)
Horizontal Core Drilling	Installation of Bridle Rings
Installation of CCTV Cameras	Installation of Control Panels
Installation of Intercom Systems	Installation of Intrusion Panels
Installation of Network Cabling to Card Readers	Installation of Network Cabling to IP Cameras
Installation of Network Cabling to IP Intercoms	Installation of Video Recorders (DVR/NVR)
Lifts	Low Voltage Permits
On-Site Lockable Storage Facility	Operations & Maintenance Manuals
Owner to Provide DHCP Lease Reservations for Network Connected Devices	Panel Wall Elevation drawing (may require customer CAD)
Panel wiring with point to point connections	Patch and Paint
Payment & Performance Bonds	Record Documentation (As-Built)
Riser drawing with home run wiring	Servers by Convergent
Specialty Backboxes	Submittal Drawings
System is Design-Build	System Meets Plans/Drawings
Vertical Core Drilling	Workstations by Convergent

Total Project Investment:

\$ 52,790.27

Thank you for considering Convergent Technologies for your Security needs. If you have any questions or would like additional information, please don't hesitate to contact me immediately. If you would like to proceed with the scope of work as outlined in this proposal, please sign below and return to my attention.

Sincerely,

Paul Bridges

Convergent Technologies

Paul Bridges

By signing below, I accept this proposal and agree to the Terms and Conditions contained herein

Bobby McFarland

May 12, 2021

Customer Name (Printed)

Date

Authorized Signature

Title

Throughout this Installation Proposal, the term, "Convergent" refers to the Convergent Technologies affiliate operating in the state/province in which the work is being performed.

SECTION 1. THE WORK

This Installation Proposal takes precedence over and supersedes any and all prior proposals, correspondence, and oral agreements or representations relating to the work set forth in the attached scope of work ("Work"). This Installation Proposal commences on the Start Date as specified in the attached scope of work and represents the entire agreement between Convergent and Customer (the "Agreement"). In the event any provision of this Agreement is held to be invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force.

Convergent agrees in accordance with the mutually agreed project schedule:

- To submit shop drawings, product data, samples and similar submittals if required in performing the Work;
- To pay for all labor, materials, equipment, tools, supervision, programming, testing, startup and documentation required to perform the Work in accordance with the Agreement;
- Secure and pay for permits and governmental fees, licenses and inspections necessary for proper execution and completion of the Work, unless local regulations provide otherwise; and
- Hire subcontractors and order material to perform part of the Work, if necessary, while remaining responsible for the completion of the Work.

Customer agrees in accordance with the mutually agreed project schedule, and at no cost to Convergent:

- To promptly approve submittals provided by Convergent;
- To provide access to all areas of the facility which are necessary to complete the Work;
- To supply suitable electrical service as required by Convergent; and
- That in the event of any emergency or systems failure, reasonable safety precautions will be taken by Customer to protect life and property during the period of time from when Convergent is first notified of the emergency or failure and until such time that Convergent notifies the Customer that the systems are operational or that the emergency has cleared.

No monitoring services are included in the Work. Any such services shall be governed by a separate agreement.

Title to the Work, including any materials comprising the Work, shall pass to Customer as the Work is completed and the materials are incorporated into the Work at Customer's site. If materials are earlier stored on Customer's site pursuant to agreement between Customer and Convergent, title with respect to such materials shall pass to Customer upon delivery to Customer site.

SECTION 2. PRICING

Pricing and amounts proposed shall remain valid for 30 days unless otherwise specified. Price includes only the material listed based on Convergent's interpretation of plans and specifications unless noted otherwise. Additional equipment, unless negotiated prior to order placement, will be billed accordingly. Sales taxes, (and in Canada GST/PST) and any other taxes assessed on Customer shall be added to the price upon invoice to Customer.

SECTION 3. INVOICE REMITTANCE AND PAYMENT

If the Work is performed over more than a month, Convergent will invoice Customer each month for the Work performed during the previous month. Customer agrees to pay the amount due to Convergent as invoiced, within thirty (30) days of the date of such invoice. If the Work is completed in less than one month, Customer agrees to pay Convergent in full after the Work has been performed within thirty (30) days of the date of being invoiced. Invoices shall not include or be subject to a project retention percentage. If Customer is overdue in any payment to Convergent, Convergent shall be entitled to suspend the Work until paid, and charge Customer an interest rate 1 and 1/2% percent per month, (or the maximum rate permitted by law, whichever is less), and may avail itself of any other legal or equitable remedy. Customer shall reimburse Convergent costs incurred in collecting any amounts that become overdue, including attorney fees, court costs and any other reasonable expenditure.

SECTION 4. WARRANTY

Convergent provides the following SOLE AND EXCLUSIVE warranty to the Customer:

For the period of one (1) year, commencing at the earlier of substantial completion of the Work, or first beneficial use, ("Warranty Period"):

- That Work performed under this Agreement will be of good quality;
- That all equipment will be new unless otherwise required or permitted by this Agreement;
- That the Work will be free from defects not inherent in the quality required or permitted; and
- That the Work will conform to the requirements of this Agreement.

The Customer's sole remedy for any breach of this warranty is that Convergent shall remove, replace and/or repair at its own expense any defective or improper Work, discovered within the Warranty Period, provided Convergent is notified in writing of any defect within the Warranty Period.

Any equipment or products installed by Convergent in the course of performing the Work hereunder shall only carry such warranty as is provided by the manufacturer thereof, which Convergent hereby assigns to Customer without recourse to Convergent. Upon request of Customer, Convergent will use commercially reasonable efforts to assist Customer in enforcing any such third-party warranties. This warranty excludes remedy for damage or defect caused by abuse, modifications not executed by Convergent, improper or insufficient maintenance, improper operation, or normal wear and tear under normal usage. NO FURTHER WARRANTIES OR GUARANTIES, EXPRESS OR IMPLIED, ARE MADE WITH RESPECT TO ANY GOODS OR SERVICES PROVIDED UNDER THIS AGREEMENT, AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED.

SECTION 5. CHANGES

Without invalidating this Agreement or any bond given hereunder, Customer or Convergent may request changes in the Work. Any changes to the Agreement shall be in writing signed by both Customer and Convergent. If Customer orders any additional work or causes any material interference with Convergent's performance of the Work, Convergent shall be entitled to an equitable adjustment in the time for performance and in the Agreement Price, including a reasonable allowance for overhead and profit.

SECTION 6. FORCE MAJEURE

Neither Customer nor Convergent shall be responsible or liable for, shall incur expense for, or be deemed to be in breach of this Agreement because of any delay in the performance of their respective obligations pursuant to this Agreement due solely to circumstances beyond their reasonable control ("Force Majeure") and without the fault or negligence of the party experiencing such delay. A Force Majeure event shall include, but not be limited to: accident, fire, storm, water, flooding, negligence, vandalism, power failure, installation of incompatible equipment, improper operating procedures, source current fluctuations or lighting. If performance by either party is delayed due to Force Majeure, the time for that performance shall be extended for a period of time reasonably necessary to overcome the effect of the delay. Any Services required by Convergent due to reasons set forth in this Force Majeure Section shall be charged to Customer in addition to any amounts due under this Agreement.

SECTION 7. INSURANCE

Convergent shall have the following insurance coverage during the term of this Agreement, and shall provide certificates of insurance to the Customer prior to beginning work hereunder:

Worker's Compensation	Statutory Limits
Employer's Liability	\$1,000,000 per occurrence/aggregate
Commercial General Liability	\$1,000,000 per occurrence/aggregate \$2,000,000 general aggregate
Automobile Liability	\$1,000,000 per occurrence/aggregate
Excess/Umbrella Liability	\$10,000,000 per occurrence/aggregate

All insurance policies carried by Convergent shall be primary to and noncontributory with the insurance afforded to Customer and shall name the Customer as "additional insured", with respect to liability arising out of work performed by Convergent, as applicable, but only to the extent of liabilities falling within the indemnity obligations of Convergent, pursuant to the terms of this Agreement. Convergent shall provide to the Customer no less than thirty (30) days' notice prior to the termination or cancellation of any such insurance policy.

SECTION 8. INDEMNIFICATION

Convergent shall indemnify and hold Customer harmless from and against claims, damages, losses and expenses, attributable to bodily injury, sickness, disease or death, or to destruction of tangible property, but only to the extent caused by: a) the negligent or willful acts or omissions of Convergent or Convergent's employees or subcontractors while on Customer's site, or b) the malfunction of the equipment supplied by Convergent, or c) Convergent's breach of this Agreement.

IN NO EVENT SHALL EITHER CONVERGENT OR CUSTOMER BE LIABLE TO THE OTHER PARTY HERETO FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING COMMERCIAL LOSS, LOSS OF USE OR LOST PROFITS, EVEN IF THAT PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL CONVERGENT BE LIABLE TO CUSTOMER FOR ANY AMOUNTS IN EXCESS OF THE AMOUNTS PAID BY CUSTOMER TO CONVERGENT.

It is understood and agreed by the parties hereto that Convergent is or may be providing intrusion products which are designed to provide notification of certain events but are not intended to be guarantees or insurers against any acts for which they are supposed to monitor or inform. Convergent's indemnification obligation pursuant to Section 8 herein, does not apply to the extent the loss indemnified against is caused by any intrusion product or software provided by but not manufactured by Convergent. Convergent shall have no liability to Customer for any losses to the extent such losses are caused by the intrusion product or software. Customer shall indemnify, defend, and hold harmless Convergent, from and against all claims, lawsuits, damages, losses and expenses by persons not a party to this Agreement, but only to the extent caused by such intrusion product or software provided by but not manufactured by Convergent.

SECTION 9. COMPLIANCE WITH LAW, SAFETY, & HAZARDOUS MATERIALS

This Agreement shall be governed and construed in accordance with the laws of the state/province in which the Work is being performed. Convergent agrees to comply with all laws and regulations relating to or governing its provision of the Work. Convergent shall comply with all safety related laws and regulations and with the safety program of the Customer, provided such program is supplied to Convergent prior to beginning work.

In the event that Convergent discovers or suspects the presence of hazardous materials, or unsafe working conditions at Customer's facility where the Work is to be performed, Convergent is entitled to stop the Work at that facility if such hazardous materials, or unsafe working conditions were not provided by or caused by Convergent. Convergent in its sole discretion shall determine when it is "safe" to return to perform the Work at Customer's facility. Convergent shall have no responsibility for the discovery, presence, handling, removing or disposal of or exposure of persons to hazardous materials in any form at the Customer's facility. Customer shall indemnify and hold harmless Convergent from and against claims, damages, losses and expenses, including but not limited to, reasonable attorney's fees, arising out of or resulting from undisclosed hazardous materials, or unsafe working conditions at Customer's facility.

Customer acknowledges that applicable law or regulation may limit Customer's rights and impose obligations with respect to information or data obtained using software capable of obtaining what may in certain circumstances be characterized as biometric information (individually and collectively, the "Software") and agrees that Customer is solely responsible to ensure its own compliance with such laws or regulations. Customer shall completely indemnify, defend (including pay attorneys' fees and disbursements), and hold harmless Convergent, its affiliates, and any employees, agents, contractors or representatives of any of the foregoing from and against any and all losses, liability, damages, penalties, expenses, claims, demands, actions, or causes of action, judgments (finally awarded) or settlements (individually and collectively, "Liabilities") arising from or related to any intentional or negligent acts or omissions of Customer or any of its agents, affiliates, employees, or representatives arising from or related to the Software, any hardware, software, or other services associated with the Software, or the use of any of the foregoing by or on behalf of Customer, including but not limited to those arising from or related to Customer's failure to comply with applicable laws or regulations related to its use of the Software or any hardware, software, or other services associated with the Software, including but not limited to the Customer's failure to obtain any necessary consents from affected individuals or provide any necessary disclosures or protections with respect to the information of such individuals under any applicable privacy or data security law, but excluding matters for which Convergent has agreed to indemnify Customer from and against third party claims for copyright and trade secret infringement under the terms of the End User License Agreement for the Software between Convergent and Customer. Notwithstanding the foregoing, Customer and Convergent agree that Liabilities suffered by a third party (other than an affiliate of Convergent) which are an element of loss subject to indemnification under this paragraph shall be deemed direct damages.

SECTION 10. DISPUTES

In the event of any dispute between Convergent and Customer, Convergent and Customer shall first attempt to resolve the dispute in the field, but if that is not successful, then in a meeting between authorized officers of each company. If settlement attempts are not successful, then the dispute shall be decided exclusively by arbitration. Such arbitration shall be conducted in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association currently in effect and shall be a final binding resolution of the issues presented between the parties. The prevailing party shall be entitled to recover its reasonable attorneys' fees and costs.

SECTION 11. MISCELLANEOUS

Neither party to this Agreement shall assign this Agreement without the prior written consent of the other party hereto. Convergent may assign this Agreement to any of its parents, subsidiaries or affiliated companies or any entity majority owned by Convergent.

Notices shall be in writing and addressed to the other party, in accordance with the names and addresses of the parties as shown above. All notices shall be effective upon receipt by the party to whom the notice was sent.

A waiver of the terms hereunder by one party to the other party shall not be effective unless in writing and signed by a person with authority to commit the Customer or Convergent and delivered to the non-waiving party according to the notice provision herein. No waiver by Customer or Convergent shall operate as a continuous waiver, unless the written waiver specifically states that it is a continuous waiver of the terms stated in that waiver.

The Sections regarding invoicing, warranty, and indemnity, and disputes shall survive the termination of this Agreement.

BID PROPOSAL



15600 Industrial Drive
Independence, MO 64058
Office: (816) 741-7223

Date: March 30, 2021
Project: Turner District Wide Maintenance
Address: Multiple
City, ST Zip: Kansas City, KS
Company: Turner Unified School District
Address: 831 S. 55th St.
City, ST Zip: Kansas City, KS 66106
Contact: Chris Crockett
Phone: 913-288-3721
Email: crockettc@turnerusd202.org

We hereby submit a proposal for:
Turner High School:
Priority 1: 8" & 2" Mill Patching

1. 8" Mill Patch – Mill asphalt 8", haul debris, sweep, apply tack oil, furnish & install 8" (2 lifts) of hot mix asphalt approximately 94 SY's.
2. 2" Mill Patch – Mill asphalt 2", haul debris, sweep, apply tack oil, furnish & install 2" of hot mix asphalt approximately 325 SY's.
3. Striping – Layout and stripe impacted areas.

Turner High School Priority 1 Total = [REDACTED]

Priority 2: Edge/Full Mill & 2" Overlay - BUDGET

1. Edge/Full Mill – Mill where required to create smooth transition, haul debris, sweep milled areas.
2. 2" Overlay – Apply tack oil, furnish & install 2" of hot mix asphalt approximately 14,485 SY's.
3. Striping – Layout and stripe to match existing design.

Turner High School Priority 2 Total = [REDACTED]

Oak Grove Elementary School:
Priority 1: 2" Mill Patching

1. 2" Mill Patch – Mill asphalt 2", haul debris, sweep, apply tack oil, furnish & install 2" of hot mix asphalt approximately 450 SY's.
2. Striping – Layout and stripe impacted areas.

Oak Grove Elementary School Priority 1 Total = [REDACTED]

Priority 2: Crack Sea, Seal Coat, Stripe

1. Crack Seal – Clean cracks w/forced air, apply hot pour rubber to surface cracks approximately 4,000 L.F.
2. Seal Coat – Clean surface w/forced air, apply (1) coat of sealant by spray approximately 75,390 S.F.
3. Striping – Layout and stripe to match existing design.

Oak Grove Elementary School Priority 2 Total = [REDACTED]

Administrative Services Center:
Priority 1: 2" Mill Patching

1. 2" Mill Patch – Mill asphalt 2", haul debris, sweep, apply tack oil, furnish & install 2" of hot mix asphalt approximately 84 SY's.

- 2. **Striping** – Layout and stripe impacted areas.

Administrative Services Center Priority 1 Total = [REDACTED]

Priority 2: Edge/Full Mill & 2" Overlay - BUDGET

- 1. **Edge/Full Mill** – Mill where required to create smooth transition, haul debris, sweep milled areas.
- 2. **2" Overlay** – Apply tack oil, furnish & install 2" of hot mix asphalt approximately 1,303 SY's.
- 3. **Striping** – Layout and stripe to match existing design.

Administrative Services Center Priority 2 Total = [REDACTED]

Turner Recreation Center:

Priority 1: 2" Mill Patching

- 1. **2" Mill Patch** – Mill asphalt 2", haul debris, sweep, apply tack oil, furnish & install 2" of hot mix asphalt approximately 316 SY's.
- 2. **Striping** – Layout and stripe impacted areas.

Turner Recreation Center Priority 1 Total = \$13,780.00

Priority 2: Edge/Full Mill & 2" Overlay - BUDGET

- 1. **Edge/Full Mill** – Mill where required to create smooth transition, haul debris, sweep milled areas.
- 2. **2" Overlay** – Apply tack oil, furnish & install 2" of hot mix asphalt approximately 7,502 SY's.
- 3. **Striping** – Layout and stripe to match existing design.

Turner Recreation Center Priority 2 Total = \$82,680.00

- All work to be completed during the summer to minimize impact on Turner School District.
- Exclusions: Taxes, prevailing wage rates.

Pricing is for the 2021 paving season and is based on liquid asphalt price of \$465.00 per liquid ton dated March 1, 2021. Liquid asphalt pricing at time of construction will apply for adjustments.

The above pricing exclude slaking, layout, finish grading of subgrade, remediation of contaminated / frozen / excessively moist sub grade, striping, signs, field sampling, testing, bonds, or permits. We hereby propose to furnish material and labor, complete in accordance with above specifications, with payment to be made as follows: Upon completion. All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accidents or delays beyond our control. Owner is to carry fire, tornado and other necessary insurance. Barkley Asphalt Co., Inc. employees are fully covered by worker's compensation insurance. Should it be necessary for Barkley to employ an attorney to institute suit to enforce any of the provisions of this contract, or to protect its interest in any manner arising under this Agreement, Barkley shall be entitled to recover its reasonable attorneys' fees, costs, charges and expenses. In addition to reasonable attorneys' fees, should payment not be made when due, interest at a rate of eighteen percent (18%) per annum shall accrue on the unpaid balance, and any past-due payments made, shall first be applied to interest, second to attorneys' fees and third to the principal amount of the invoice. Any unpaid principal balance shall continue to accrue interest and attorneys' fees until all are paid in full.

ACCEPTANCE OF PROPOSAL: The above prices and conditions are satisfactory and are hereby accepted. You are authorized to do the work, as specified payment will be made as outlined above.

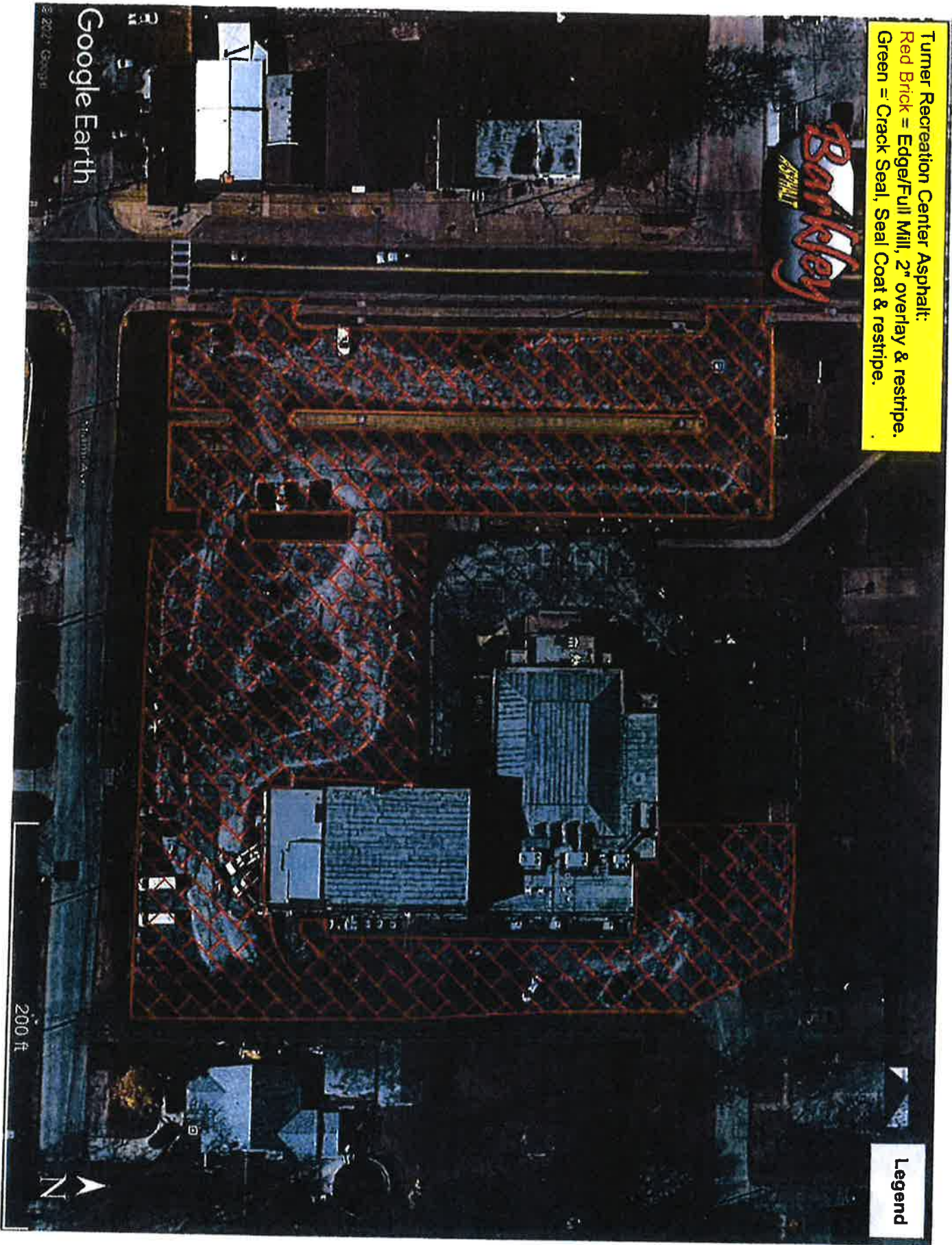
Authorized Signature Date: _____

Joe Barton
Barkley Asphalt Co., Inc.
816-799-6430

joe@barkleyasphaltkc.com

Asphalt Paving • Parking Lots • Pavement Markings • Cut Outs & Repairs • Sealcoating

Turner Recreation Center Asphalt:
Red Brick = Edge/Full Mill, 2" overlay & restripe.
Green = Crack Seal, Seal Coat & restripe.



Google Earth

Legend