

Kansas Department of Corrections
Hutchinson Correctional Facility
June 2022



#### ASSESSMENT OVERVIEW

#### INTRODUCTION

# CGL FACILITY MANAGEMENT CONDUCTED AN EQUIPMENT AND FACILITY CONDITION ASSESSMENT OF THE SITE, SITE IMPROVEMENTS, AND RELATED FEATURES CONTAINED AT:

**Hutchinson Correctional Facility** 

#### **PURPOSE**

The primary purpose of the Facility Condition Assessment is to identify visually apparent deficiencies in the building/s and develop a cost basis for repair, upgrade, or replacement.

The key issues addressed in the Facility Condition Assessments include:

- Perform a visual assessment of the interior, exterior, and site components
- A detailed description of the equipment and conditions found during the site visit
- Strategy to resolve key issues
- Recommendations for all systems

#### **METHODOLOGY**

This Facility assessment was conducted by the following experts that have extensive hands-on experience with government, correctional, commercial, and industrial buildings, and facility maintenance.

- Phil Loftin, Electrical Engineer
- Alex Campbell, Facility Specialist
- TJ Kelley, Systems Specialist
- Russ Rieske, Mechanical Engineer
- Ted Perry, LEAD AP & OM
- Mike Lynch, Architect

CGL's Assessment Team conducted a field survey of the buildings' envelope and equipment that could readily be observed. The team did not attempt to uncover hidden conditions, move fixed equipment, or otherwise discover deficiencies that could not be immediately detected. The analysis included interviews with building management and maintenance personnel and a review of any documents made available at the time of the visit.

The team collected data on the condition and life cycle of major systems. All conditions were documented by digital photographs.

CGL analyzed the information collected during the Facilities Condition Assessment and developed recommendations for upgrades and replacements.

A general scoring matrix used in analysis of major group elements, group elements, and individual elements is included below:

< 5%	Good	Infrastructure & systems are new or rehabilitated with few elements showing normal wear that requires routine maintenance
5% - 10%	Fair	Infrastructure & systems show some signs that require attention with a few elements needing immediate repair
11% - 15%	Poor	Infrastructure & systems are mostly below standard with some elements reaching the end of useful life and requiring replacement
16% -25%	Severe	Infrastructure & systems are in unacceptable condition with widespread signs of deterioration
26% - 50%	Critical	Infrastructure & systems require replacement to restore function. Systems could be unsafe to operate in the current condition
> 50%	Replace	Infrastructure or systems need to be replaced immediately for safety, security, and/or serviceability



#### **MAJOR SYSTEMS ASSESSED**

- **Substructure:** CGL observed the structures for visible signs of distress.
- Shell: CGL visually observed the exterior wall system, window, and door systems for visible evidence of
  deficiencies, continuity of seals, and other types of distress. CGL reviewed available flashing and connection
  details for drainage design and observed the condition and placement of expansion joints. CGL visual
  observations were based on those conditions that can be observed from roof and ground level. CGL visually
  evaluated the condition of accessible roof systems and discussed any existing/remaining roof warranties.
- Interiors: CGL visually observed the interior areas of the property and reported their general condition.
- Services: CGL observed the age and condition of the Mechanical, HVAC, Electrical, Plumbing, and Fire
  Protection (MEPFP) Systems and related building equipment and have commented on their condition and
  visible deficiencies.
- Site-work: CGL visually observed the exterior areas of the property and reported their general condition.
- Accessibility: CGL reviewed the property for conformance with applicable accessibility requirements and reported CGL findings.

The scope of services under which the Facility Condition Assessment was completed was visual in nature and not intended to be destructive to the property to gain access to hidden conditions. CGL did not perform any destructive testing, uncover, or expose any system members. CGL has documented the type and extent of visually apparent defects in the systems to develop the condition assessment.

The scope of services under which the Facility Condition Assessment was completed includes only those items indicated. The evaluation does not include any environmental services such as sampling, testing, or evaluation of asbestos, lead-based paint, lead-in-water, indoor air quality, PCBs, radon, mold, or any other potentially hazardous materials or issues not outlined.



#### **BUILDING DESCRIPTION**

# HUTCHINSON CORRECTIONAL FACILITY PROPERTY EXECUTIVE SUMMARY

The Hutchinson Correctional Facility (HCF) is located on 239 acres within the city limits of Hutchinson, Kansas. The facility is a large and diverse complex that consist of numerous buildings and the total square footage assessed was approximately 452,050 for this facility. Construction dates of the buildings range from 1898 to 2008, showcasing a diversity of architecture over the decades. The structures consist of a diverse mixture of building materials, from concrete and metal to wood and masonry. In addition, the American Correctional Association standards call for a minimum of 70 sq. ft. floor area per detention cell in single-cell housing. HCF Central does not meet this standard.

HCF serves the Kansas Department of Correction as a medium to maximum security adult male facility with a capacity of 1,788 residents. The facility's primary focus is to help residents transition from an institutional environment and reintegrate back into the community prior to their release.

HCF shares the 239-acre site with the minimum-security facility, Hutchinson Correctional Facility South (HCF South). In addition, there is a 35-acre medium security facility, Hutchinson Correctional Facility East (HCF East) that is in Hutchinson, Kansas. HCF has been separated from the HCF South and HCF East facilities to give a better depiction of the FCI for the buildings at the facility.

#### **HVAC SYSTEMS**

The air conditioning systems at the facility are minimal as cell houses are not air-conditioned but are cooled with exhaust fans and swamp coolers. Non-detainee areas are conditioned by smaller split, heat pump and rooftop package units. The sizes vary from one-ton units up to fifty-ton units. HVAC units are of all different ages; some have been replaced or installed within the last decade. The aged-out systems should be considered for replacement. In addition, CGL recommends a comprehensive preventative maintenance plan to maintain the equipment and extend the life of the assets.

The primary heating systems are supplied by three steam boilers located in the power plant. Two of the boilers are Superior Boilers, one 600 BHP and one 250 BHP, installed in 2002. The third boiler is a 250 BHP Hurst Boiler installed in 2020. From there, it's distributed by a piping system through the tunnels to the various buildings and various heating devices throughout the facility. Additional heat is supplied by smaller split, heat pump and package units throughout the facility.

#### **ELECTRICAL**

Electrical service comes in the underground to the Power Plant and is provided by Energy Power. From there, it's distributed through the tunnels to the various buildings. The main power is fed through multiple power panels and step-down transformers throughout the individual electrical rooms that supply power to each building.

There is one 1000 kw generator at the Central Power Plant. The generator is operational but is beyond its useful service life and should be upgraded.

#### **PLUMBING**

According to site staff, the plumbing throughout the site is presumed to have been upgraded at some point from the original construction. The sewage and drainage systems are cast iron. Cast iron pipe deteriorates from the inside, and it is recommended that an engineering study be conducted to determine the condition of drain piping. Plumbing fixtures are mainly stainless-steel individual or combination detention center toilets and sinks in the detention areas. In the administration and public areas, fixtures are vitreous china. All plumbing fixtures are at or past their lifecycles and are recommended to be replaced.

#### **FIRE PROTECTION**

It should be noted, few structures at HCF contain any type of fire sprinkler protection. The current code requires fire sprinklers for any building that has full-time occupants. Therefore, serious consideration should be given to adding the required systems to ensure the safety of the occupants.







#### SITE UTILITIES

HCF is over 100+ years in age and the age of the site utilities are unknown but presumed to have been upgraded in the past. It would be recommended that some money is set aside over the next ten years for utility upgrades and repairs as necessary.

#### **NOTE**

FCIs allow you to understand how your buildings are operating and how to prepare for the future. These scores provide a valuable look into your portfolio of facilities, and they help you plan and prioritize projects over both the short- and long-term. The more accurate your FCI scores, the better you can prioritize maintenance repairs, forecast upcoming costs, and make data-driven decisions around capital planning.

It should be noted that surveying facilities as a group constructed over several years which contain equipment and systems of varying age and condition will affect the overall FCI score. Many Kansas facilities have significant gaps in construction periods that adversely impact the newer buildings while benefitting the older buildings. Although this study did not intend to score structures individually, this impact should be considered when considering long-term capital planning needs.

We have attempted to help make the results more accurately depict the facilities by breaking out groups of older buildings or satellite campuses.



## PROJECT DETAIL

ITEMS	DESCRIPTION
Project Name	Hutchinson Correctional Facility
Property Type	Detention Facility
Address	Hutchinson, Kansas
Year Built	Varies (1898-2008)
Number of Levels	Varies (1-5)
Gross Building Area (GSF)	452,050
*Current Replacement Value	\$203,422,500
CRV/GSF (\$/SF)	\$450

<sup>\*</sup> The CRV was based on industry experience and best practices and should be considered only for determining a replacement value for the current buildings that were assessed in this report. Moreover, The CRV does not include any cost for professional services such architectural, engineering or project management fees, environmental services such as sampling, testing, or evaluation of asbestos, lead-based paint, lead-in-water, indoor air quality, PCBs, radon, mold, or any other potentially hazardous materials, or issues not outlined. The CRV does not include cost for land acquisition, demolition, abatement, remediation, or other site improvements that may be required for construction of a replacement building. The CRV was based on current cost estimates and does not include any upgrades to the existing facility or an escalation factor for future construction.



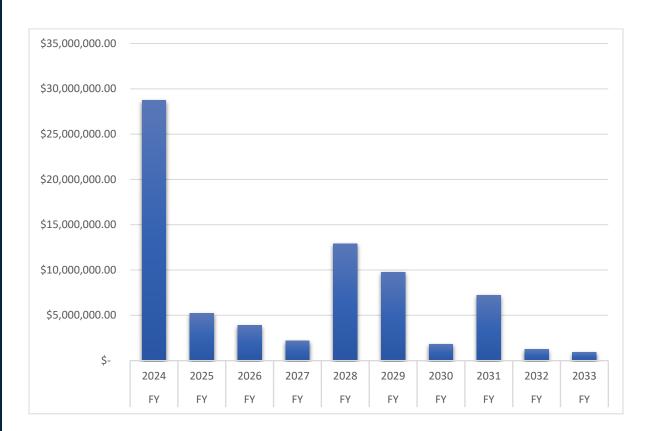
## SUMMARY OF FINDINGS

This report represents summary-level findings for the Property Condition Assessment. The deficiencies identified in this assessment can be combined with potential new construction requirements to develop an overall Long Term Capital Needs Plan that can be the basis for a facility-wide capital improvement funding strategy. Key findings from the assessment include:

KEY FINDINGS	METRIC
10-Year Facility Condition Needs Index (FCNI)	37%
Immediate Capital Needs (Year 1)	\$28,720,194
Future Capital Needs (Year 2 to Year 10)	\$45,225,163

The building expenditure summary section provides an executive overview of the findings from the assessment. The chart below provides a summary of anticipated yearly expenditures over the study period for the Hutchinson Correctional Facility. Further details of these expenditures are included within each respective report section and within the expenditure forecast in Appendix A of this report. The results illustrate a total anticipated expenditure over the study period of approximately:

\$73,945,358





#### **FACILITY CONDITION NEEDS INDEX**

In this report, we have calculated the Facility Condition Needs Index (FCNI), which is used in Facilities Management to provide a benchmark to compare the relative condition of a group of facilities. The FCNI is primarily used to support asset management initiatives of federal, state, and local government facilities organizations.

The FCNI is the ratio of accumulated Total Cost (TC) (Deferred Maintenance, Capital Renewal, and Plant Adaptation) to the Current Replacement Value (CRV) for a constructed asset calculated by dividing the TC by the CRV. The range is from zero for a newly built asset to one for a constructed asset with a TC value equal to its CRV. Acceptable ranges vary by "Asset Type', but as a general guideline, the FCNI scoring system is as follows:

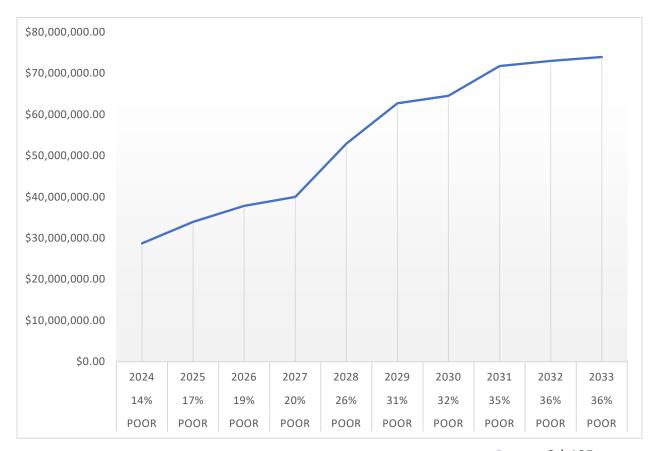
FCNI =

Deferred Maintenance + Capital Renewal + Plant Adaptation (TC)

Current Replacement Value of the Facility(s) (CRV)

If the FCNI rating is 60% or greater, then the replacement of the asset/building should be considered instead of renewal.

CONDITION	DEFINITION	PERCENTAGE VALUE
GOOD	In a new or well-maintained condition, with no visual evidence of wear, soiling, or other deficiencies.	0% to 5%
FAIR	Subject to wear and soiling but is still in a serviceable and functioning condition.	5% to 10%
POOR	Subjected to hard or long-term wear. Nearing the end of its useful or serviceable life.	Greater than 10%
V-POOR	It is subjected to hard or long-term wear. Has reached the end of its useful or serviceable life. Renewal is now necessary.	Greater than 60%





#### DISTRIBUTION OF NEEDS BY PRIORITY

CGL Facility Management has prioritized the identified work in order to assist with analyzing the deficiencies found during the assessment. The baseline prioritization model is not just based on replacement year or criticality but uses four key data attributes to build an overall importance metric for every recommendation: System type, the cause or nature of the issue, timing, and building mission incorporated into the model with relative weighting to provide an overall priority score. Priority categories are shown below:

**Priority 1** Systems requiring immediate action that have failed, compromises staff or public **Currently Critical:** safety, or required to be upgraded to comply with current codes and accessibility

**Priority 2**A system or component is nearing the end of useful life, if not addressed, will cause

Potentially Critical: additional deterioration and added repair costs

Priority 3 Lifecycle replacements necessary but not critical or mid-term future replacements

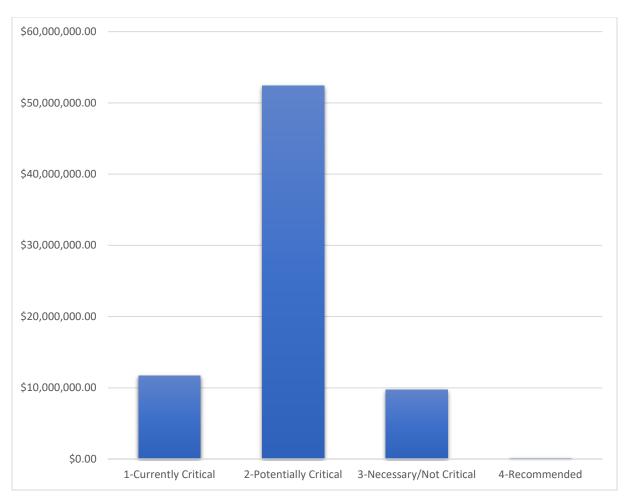
Necessary / Not Critical: to maintain the integrity of the facility or component

Priority 4

Recommended:

Items under this classification are not required for normal function and operation of the facility but would improve the efficiency and functionality of the facility or reduce long-term maintenance.

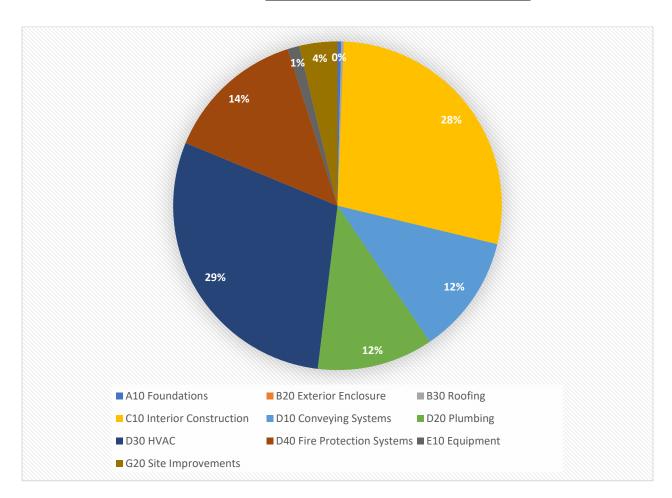
The chart below illustrates the breakdown of expenditure according to the priority coding providing an opportunity to strategically plan and effectively direct funding to the highest priority.





# DISTRIBUTION OF IMMEDIATE NEEDS (YEAR 1) BY BUILDING SYSTEM

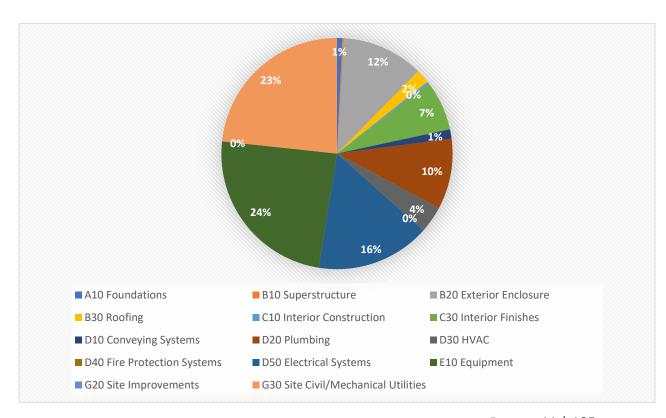
Building System	<b>Estimated Cost</b>	Percent of Total Cost
A10 Foundations	\$101,808	0.35%
B20 Exterior Enclosure	\$3,461	0.01%
B30 Roofing	\$69,382	0.24%
C10 Interior Construction	\$8,085,150	28.15%
D10 Conveying Systems	\$3,373,826	11.75%
D20 Plumbing	\$3,279,879	11.42%
D30 HVAC	\$8,418,648	29.31%
D40 Fire Protection Systems	\$3,980,994	13.86%
E10 Equipment	\$329,486	1.15%
G20 Site Improvements	\$1,077,561	3.75%





# DISTRIBUTION OF FUTURE NEEDS (YEAR 2 TO YEAR 10) BY BUILDING SYSTEM

Building System	Estimated Cost	Percent of Total Cost
A10 Foundations	\$342,074.88	0.76%
B10 Superstructure	\$95,822.40	0.21%
B20 Exterior Enclosure	\$5,143,324.89	11.40%
B30 Roofing	\$884,702.60	1.96%
C10 Interior Construction	\$156,438.40	0.35%
C30 Interior Finishes	\$3,134,684.51	6.95%
D10 Conveying Systems	\$590,228.40	1.31%
D20 Plumbing	\$4,454,428.34	9.87%
D30 HVAC	\$1,679,333.04	3.72%
D40 Fire Protection Systems	\$7,318.40	0.02%
D50 Electrical Systems	\$7,213,318.96	15.99%
E10 Equipment	\$10,901,729.18	24.16%
G20 Site Improvements	\$4,099.60	0.01%
G30 Site Civil/Mechanical Utilities	\$10,512,895.00	23.30%





## DISTRIBUTION OF NEEDS BY PLAN TYPE

#### PLAN TYPE 1 LIFECYCLE REPLACEMENT:

Indicates the need for replacement or major refurbishment of an asset, typically based on age and use but required in the future within a reasonable planning horizon.

#### PLAN TYPE 2 MAJOR REPAIR:

Any component or system in which future major repair is anticipated but not a replacement of the entire component.

#### PLAN TYPE 3 LIFE-SAFETY / CODE COMPLIANCE:

Any action to correct a deficiency related to life safety or code violation.

#### PLAN TYPE 4 ENGINEERING STUDY:

Includes recommendations for further investigation into appropriate repair/replacement action.

### PLAN TYPE 5 MODERNIZATION / IMPROVEMENTS:

Actions that are considered upgrading or improving beyond a standard life cycle replacement. These actions are often considered optional.

#### PLAN TYPE 6 ENERGY:

When the repair or replacement of equipment or systems are recommended to improve energy and sustainability performance.

#### PLAN TYPE 7 ADA:

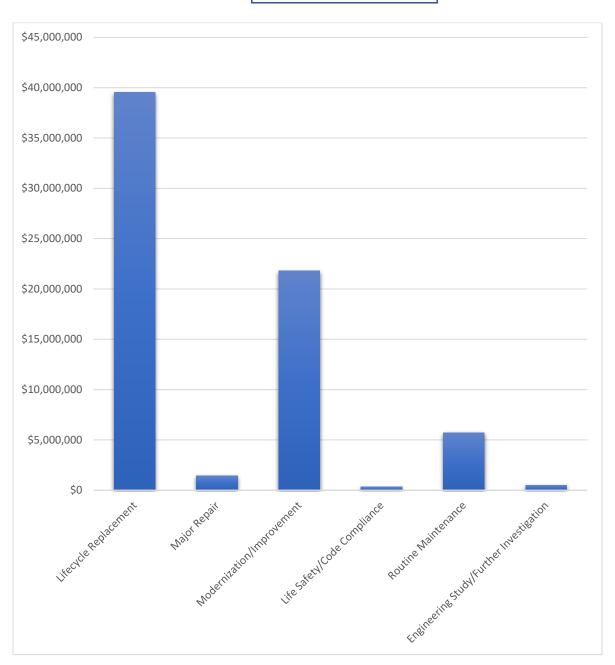
When the repair or replacement of equipment or system is recommended to comply with ADA.

#### PLAN TYPE 8 ROUTINE MAINTENANCE:

Any component or system in which routine maintenance or repairs is anticipated but not a replacement of the entire component.



PLAN TYPE	TOTAL COST
Lifecycle Replacement	\$39,527,324
Major Repair	\$1,450,827
Modernization/Improvement	\$21,797,934
Life Safety/Code Compliance	\$329,486
Routine Maintenance	\$5,728,266
Engineering Study/Further Investigation	\$501,186





## **ASSETS OBSERVED**

All assets observed are provided in this section sorted by the Uniformat II coding, indexed is as follows:

#### A - SUBSTRUCTURE

- A10 Foundations
- A20 Basement Construction

#### **B-SHELL**

- B10 Superstructure
- B20 Exterior Enclosure
- B30 Roofing

#### **C-INTERIORS**

- C10 Interior Construction
- C20 Stairs
- C30 Interior Finishes

#### **D - SERVICES**

- D10 Conveying Systems
- D20 Plumbing
- D30 HVAC
- D40 Fire Protection Systems
- D50 Electrical Systems

#### **E - EQUIPMENT & FURNISHING**

- E10 Equipment
- E20 Furnishings

#### F - SPECIAL CONSTRUCTION AND DEMOLITION

- F10 Special Construction
- F20 Selective Demolition

### **G - BUILDING SITE WORK**

- G10 Site Preparation
- G20 Site Improvements
- G30 Site Civil/Mechanical Utilities
- G40 Site Electrical Utilities
- G90 Other Site Construction



# APENDIX A – EXPENDITURE FORECAST

Survey Section	Unif. L3	Display Name	Quantity	Unit of Measur e	Unit Cost	Total Expense	Residua I Life	Category	Priority
Administration-501	D401 0	Fire Protection	16582.0 0	S.F.	\$7.24	\$120,054	0	Life-Safety/Code Compliance	1-Currently Critical
Barber Shop Programs-503	D401 0	Fire Protection	4710.00	S.F.	\$7.24	\$34,100	0	Life-Safety/Code Compliance	1-Currently Critical
Cell House A Annex- 505	D401 0	Fire Protection	2500.00	S.F.	\$14.48	\$36,200	0	Life-Safety/Code Compliance	1-Currently Critical
Cell House A-505	D303 0	HVAC for cell blocks	1.00	Ea.	\$1,929,280.1 2	\$1,929,28 0	0	Modernization/Improveme nt	1-Currently Critical
Cell House A-505	D401 0	Fire Protection	30688.0 0	S.F.	\$14.48	\$444,362	0	Life-Safety/Code Compliance	1-Currently Critical
Cell House B Annex- 506	D401 0	Fire Protection	967.00	S.F.	\$14.48	\$14,002	0	Life-Safety/Code Compliance	1-Currently Critical
Cell House B-506	D303 0	HVAC for cell blocks	1.00	Ea.	\$1,929,280.1 2	\$1,929,28 0	0	Modernization/Improveme nt	1-Currently Critical
Cell House B-506	D401 0	Fire Protection	32425.0 0	S.F.	\$14.48	\$469,514	0	Life-Safety/Code Compliance	1-Currently Critical
Cell House C Annex- 507	D401 0	Fire Protection	2500.00	S.F.	\$14.48	\$36,200	0	Life-Safety/Code Compliance	1-Currently Critical
Cell House C-506	D303 0	HVAC for cell blocks	1.00	Ea.	\$1,929,280.1 2	\$1,929,28 0	0	Modernization/Improveme nt	1-Currently Critical
Cell House C-506	D401 0	Fire Protection	30198.0 0	S.F.	\$14.48	\$437,267	0	Life-Safety/Code Compliance	1-Currently Critical
Cell House D Annex- 508	D401 0	Fire Protection	2500.00	S.F.	\$14.48	\$36,200	0	Life-Safety/Code Compliance	1-Currently Critical
Cell House D-507	D303 0	HVAC for cell blocks	1.00	Ea.	\$1,929,280.1 2	\$1,929,28 0	0	Modernization/Improveme nt	1-Currently Critical
Cell House D-507	D401 0	Fire Protection	41096.0 0	S.F.	\$14.48	\$595,070	0	Life-Safety/Code Compliance	1-Currently Critical
Clinic and Mental Health-518	D401 0	Fire Protection	8800.00	S.F.	\$7.24	\$63,712	0	Life-Safety/Code Compliance	1-Currently Critical
Construction-525	D401 0	Fire Protection	9578.00	S.F.	\$7.24	\$69,345	0	Life-Safety/Code Compliance	1-Currently Critical





Corridor-509	D401 0	Fire Protection	3202.00	S.F.	\$7.24	\$23,182	0	Life-Safety/Code Compliance	1-Currently Critical
Dining-511	D401 0	Fire Protection	10590.0 0	S.F.	\$7.24	\$76,672	0	Life-Safety/Code Compliance	1-Currently Critical
E Dorm/Visitation-533	D401 0	Fire Protection	21099.0 0	S.F.	\$7.24	\$152,757	0	Life-Safety/Code Compliance	1-Currently Critical
Garage-529	D401 0	Fire Protection	8700.00	S.F.	\$7.24	\$62,988	0	Life-Safety/Code Compliance	1-Currently Critical
Gym-510	D401 0	Fire Protection	13460.0 0	S.F.	\$7.24	\$97,450	0	Life-Safety/Code Compliance	1-Currently Critical
Human Resources-528	D401 0	Fire Protection	4191.00	S.F.	\$7.24	\$30,343	0	Life-Safety/Code Compliance	1-Currently Critical
Inmate Services D Basement	D401 0	Fire Protection	5850.00	S.F.	\$7.24	\$42,354	0	Life-Safety/Code Compliance	1-Currently Critical
Laundry-526	D401 0	Fire Protection	5537.00	S.F.	\$7.24	\$40,088	0	Life-Safety/Code Compliance	1-Currently Critical
Lawn and Garden Storage-542	D401 0	Fire Protection	22250.0 0	S.F.	\$7.24	\$161,090	0	Life-Safety/Code Compliance	1-Currently Critical
Library-504	D401 0	Fire Protection	14785.0 0	S.F.	\$7.24	\$107,043	0	Life-Safety/Code Compliance	1-Currently Critical
Maintenance Operations-521	D401 0	Fire Protection	3360.00	S.F.	\$7.24	\$24,326	0	Life-Safety/Code Compliance	1-Currently Critical
Maintenance Ship Classroom-524	D401 0	Fire Protection	29395.0 0	S.F.	\$7.24	\$212,820	0	Life-Safety/Code Compliance	1-Currently Critical
Maintenance Shops- 532	D401 0	Fire Protection	11396.0 0	S.F.	\$7.24	\$82,507	0	Life-Safety/Code Compliance	1-Currently Critical
Oil Storage and Waste- 520	D401 0	Fire Protection	300.00	S.F.	\$7.24	\$2,172	0	Life-Safety/Code Compliance	1-Currently Critical
Old Plumbing Ship-514	D401 0	Fire Protection	3608.00	S.F.	\$7.24	\$26,122	0	Life-Safety/Code Compliance	1-Currently Critical
Ole Electric Shop-513	D401 0	Fire Protection	2750.00	S.F.	\$7.24	\$19,910	0	Life-Safety/Code Compliance	1-Currently Critical
Power Plant-519	D401 0	Fire Protection	6200.00	S.F.	\$7.24	\$44,888	0	Life-Safety/Code Compliance	1-Currently Critical
Print Shop-516	D401 0	Fire Protection	3024.00	S.F.	\$7.24	\$21,894	0	Life-Safety/Code Compliance	1-Currently Critical
Programs-517	D401 0	Fire Protection	6059.00	S.F.	\$7.24	\$43,867	0	Life-Safety/Code Compliance	1-Currently Critical





Rotunda-502	D401 0	Fire Protection	18970.0 0	S.F.	\$7.24	\$137,343	0	Life-Safety/Code Compliance	1-Currently Critical
Voc. Food Services-512	D401 0	Fire Protection	3874.00	S.F.	\$7.24	\$28,048	0	Life-Safety/Code Compliance	1-Currently Critical
Vocational Hordiculture-522	D401 0	Fire Protection	2823.00	S.F.	\$7.24	\$20,439	0	Life-Safety/Code Compliance	1-Currently Critical
Warehouse and Vocational-531	D401 0	Fire Protection	23020.0 0	S.F.	\$7.24	\$166,665	0	Life-Safety/Code Compliance	1-Currently Critical
Administration-501	D503 0	Fire alarm control panel	4.00	Ea.	\$123,722.00	\$494,888	8	Life-Safety/Code Compliance	2-Potentially Critical
Administration-501	B3010	Thermal Roof inspection	2.00	M.S.F.	\$1,288.66	\$2,577	0	Engineering Study/Further Investigation	2-Potentially Critical
Administration-501	C1020	Sliding grill type security doors	3.00	Ea.	\$3,922.70	\$11,768	0	Lifecycle Replacement	2-Potentially Critical
Administration-501	D202 0	Water heaters	3.00	Ea.	\$33,003.00	\$99,009	3	Lifecycle Replacement	2-Potentially Critical
Administration-501	D203 0	Sewage cast iron piping	520.00	L.F.	\$175.60	\$91,312	1	Lifecycle Replacement	2-Potentially Critical
Adminsitration-501	E1090	Emergency lighting	17.00	Ea.	\$1,372.86	\$23,339	0	Life Safety/Code Compliance	2-Potentially Critical
Cell House A Annex- 505	D503 0	Camera systems	4.00	Ea.	\$1,578.62	\$6,314	2	Modernization/Improveme nt	2-Potentially Critical
Cell House A Annex- 505	E1090	Emergency lighting	3.00	Ea.	\$1,372.86	\$4,119	0	Life Safety/Code Compliance	2-Potentially Critical
Cell House A-505	B2020	Exterior metal framed windows	18.00	Ea.	\$18,852.40	\$339,343	3	Modernization/Improveme nt	2-Potentially Critical
Cell House A-505	C1020	Sliding grill type security doors	200.00	Ea.	\$11,768.10	\$2,353,62 0	0	Lifecycle Replacement	2-Potentially Critical
Cell House A-505	D101 0	Elevator, freight, cell block	2.00	Ea.	\$421,728.20	\$843,456	0	Routine Maintenance	2-Potentially Critical
Cell House A-505	D201 0	Showers	30.00	Ea.	\$1,628.88	\$48,866	0	Modernization/Improveme nt	2-Potentially Critical
Cell House A-505	D202 0	Domestic water piping.	4500.00	L.F.	\$158.96	\$715,320	0	Lifecycle Replacement	2-Potentially Critical
Cell House A-505	D203 0	Sewage cast iron piping	2250.00	L.F.	\$351.20	\$790,200	1	Lifecycle Replacement	2-Potentially Critical
Cell House A-505	D305 0	Heating units	11.00	Ea.	\$14,030.56	\$154,336	0	Modernization/Improveme nt	2-Potentially Critical





Cell House A-505	D503 0	Camera systems	40.00	Ea.	\$1,578.62	\$63,145	2	Modernization/Improveme nt	2-Potentially Critical
Cell House A-505	E1090	Emergency lighting	31.00	Ea.	\$1,372.86	\$42,559	0	Life Safety/Code Compliance	2-Potentially Critical
Cell House A-505	E1020	Detention toilet/sink	100.00	Ea.	\$9,925.38	\$992,538	5	Lifecycle Replacement	2-Potentially Critical
Cell House A-505	E1020	Sliding steel security door	100.00	Ea.	\$15,894.46	\$1,589,44 6	7	Modernization/Improveme nt	2-Potentially Critical
Cell House B Annex- 506	D503 0	Camera systems	2.00	Ea.	\$1,578.62	\$3,157	2	Modernization/Improveme nt	2-Potentially Critical
Cell House B Annex- 506	E1090	Emergency lighting	2.00	Ea.	\$1,372.86	\$2,746	0	Life Safety/Code Compliance	2-Potentially Critical
Cell House B-506	B2020	Exterior metal framed windows	18.00	Ea.	\$18,852.40	\$339,343	3	Modernization/Improveme nt	2-Potentially Critical
Cell House B-506	C1020	Sliding grill type security doors	200.00	Ea.	\$11,768.10	\$2,353,62 0	0	Lifecycle Replacement	2-Potentially Critical
Cell House B-506	D101 0	Elevator, freight, cell block	2.00	Ea.	\$421,728.20	\$843,456	0	Routine Maintenance	2-Potentially Critical
Cell House B-506	D201 0	Showers	30.00	Ea.	\$1,628.88	\$48,866	0	Modernization/Improveme nt	2-Potentially Critical
Cell House B-506	D202 0	Domestic water piping.	4500.00	L.F.	\$158.96	\$715,320	0	Lifecycle Replacement	2-Potentially Critical
Cell House B-506	D203 0	Sewage cast iron piping	2250.00	L.F.	\$351.20	\$790,200	1	Lifecycle Replacement	2-Potentially Critical
Cell House B-506	D305 0	Heating units	11.00	Ea.	\$14,030.56	\$154,336	0	Modernization/Improveme nt	2-Potentially Critical
Cell House B-506	D503 0	Camera systems	43.00	Ea.	\$1,578.62	\$67,881	2	Modernization/Improveme nt	2-Potentially Critical
Cell House B-506	E1090	Emergency lighting	33.00	Ea.	\$1,372.86	\$45,304	0	Life Safety/Code Compliance	2-Potentially Critical
Cell House B-506	E1020	Detention toilet/sink	100.00	Ea.	\$9,925.38	\$992,538	5	Lifecycle Replacement	2-Potentially Critical
Cell House B-506	E1020	Sliding steel security door	100.00	Ea.	\$15,894.46	\$1,589,44 6	7	Modernization/Improveme nt	2-Potentially Critical
Cell House C Annex- 507	D503 0	Camera systems	4.00	Ea.	\$1,578.62	\$6,314	2	Modernization/Improveme nt	2-Potentially Critical
Cell House C Annex- 507	E1090	Emergency lighting	3.00	Ea.	\$1,372.86	\$4,119	0	Life Safety/Code Compliance	2-Potentially Critical





Cell House C-506	D101 0	Elevator, freight, cell block	2.00	Ea.	\$421,728.20	\$843,456	0	Routine Maintenance	2-Potentially Critical
Cell House C-506	D201 0	Showers	30.00	Ea.	\$1,628.88	\$48,866	0	Modernization/Improveme nt	2-Potentially Critical
Cell House C-506	D202 0	Domestic water piping.	4500.00	L.F.	\$158.96	\$715,320	0	Lifecycle Replacement	2-Potentially Critical
Cell House C-506	D203 0	Sewage cast iron piping	2250.00	L.F.	\$351.20	\$790,200	1	Lifecycle Replacement	2-Potentially Critical
Cell House C-506	D305 0	Heating units	11.00	Ea.	\$14,030.56	\$154,336	0	Modernization/Improveme nt	2-Potentially Critical
Cell House C-506	D503 0	Camera systems	40.00	Ea.	\$1,578.62	\$63,145	2	Modernization/Improveme nt	2-Potentially Critical
Cell House C-506	E1090	Emergency lighting	30.00	Ea.	\$1,372.86	\$41,186	0	Life Safety/Code Compliance	2-Potentially Critical
Cell House C-506	E1020	Detention toilet/sink	100.00	Ea.	\$9,925.38	\$992,538	5	Lifecycle Replacement	2-Potentially Critical
Cell House C-506	E1020	Sliding steel security door	100.00	Ea.	\$15,894.46	\$1,589,44 6	7	Modernization/Improveme nt	2-Potentially Critical
Cell House C-507	B2020	Exterior metal framed windows	18.00	Ea.	\$18,852.40	\$339,343	3	Modernization/Improveme nt	2-Potentially Critical
Cell House C-507	C1020	Sliding grill type security doors	200.00	Ea.	\$11,768.10	\$2,353,62 0	0	Lifecycle Replacement	2-Potentially Critical
Cell House D Annex- 508	D503 0	Camera systems	4.00	Ea.	\$1,578.62	\$6,314	2	Modernization/Improveme nt	2-Potentially Critical
Cell House D Annex- 508	E1090	Emergency lighting	3.00	Ea.	\$1,372.86	\$4,119	0	Life Safety/Code Compliance	2-Potentially Critical
Cell House D-507	D101 0	Elevator, freight, cell block	2.00	Ea.	\$421,728.20	\$843,456	0	Routine Maintenance	2-Potentially Critical
Cell House D-507	D201 0	Showers	45.00	Ea.	\$1,628.88	\$73,300	0	Modernization/Improveme nt	2-Potentially Critical
Cell House D-507	D202 0	Domestic water piping.	5750.00	L.F.	\$158.96	\$914,020	0	Lifecycle Replacement	2-Potentially Critical
Cell House D-507	D203 0	Sewage cast iron piping	2875.00	L.F.	\$351.20	\$1,009,70 0	1	Lifecycle Replacement	2-Potentially Critical
Cell House D-507	D305 0	Heating units	13.00	Ea.	\$14,030.56	\$182,397	0	Modernization/Improveme nt	2-Potentially Critical
Cell House D-507	D503 0	Camera systems	54.00	Ea.	\$1,578.62	\$85,245	2	Modernization/Improveme nt	2-Potentially Critical





Cell House D-507	E1090	Emergency lighting	41.00	Ea.	\$1,372.86	\$56,287	0	Life Safety/Code Compliance	2-Potentially Critical
Cell House D-507	E1020	Detention toilet/sink	100.00	Ea.	\$9,925.38	\$992,538	5	Lifecycle Replacement	2-Potentially Critical
Cell House D-507	E1020	Sliding steel security door	100.00	Ea.	\$15,894.46	\$1,589,44 6	7	Modernization/Improveme nt	2-Potentially Critical
Cell House D-508	B2020	Exterior metal framed windows	18.00	Ea.	\$18,852.40	\$339,343	3	Modernization/Improveme nt	2-Potentially Critical
Cell House D-508	C1020	Sliding grill type security doors	80.00	Ea.	\$11,768.10	\$941,448	0	Lifecycle Replacement	2-Potentially Critical
Corridor-509	B2020	Exterior metal framed windows	18.00	Ea.	\$18,852.40	\$339,343	3	Modernization/Improveme nt	2-Potentially Critical
Corridor-509	D503 0	Camera systems	4.00	Ea.	\$1,578.62	\$6,314	2	Modernization/Improveme nt	2-Potentially Critical
Corridor-509	E1090	Emergency lighting	4.00	Ea.	\$1,372.86	\$5,491	0	Life Safety/Code Compliance	2-Potentially Critical
D Basement-508	D503 0	Camera systems	15.00	Ea.	\$1,578.62	\$23,679	2	Modernization/Improveme nt	2-Potentially Critical
D Basement-508	E1090	Emergency lighting	11.00	Ea.	\$1,372.86	\$15,101	0	Life Safety/Code Compliance	2-Potentially Critical
East Gate Tower-537	D203 0	Sewage cast iron piping	100.00	L.F.	\$702.40	\$70,240	1	Lifecycle Replacement	2-Potentially Critical
East Gate-536	G204 0	Swing gate	2.00	Opng.	\$2,049.80	\$4,100	2	Modernization/Improveme nt	2-Potentially Critical
E-Dorm/Visiting-533	D503 0	Camera systems	20.00	Ea.	\$1,578.62	\$31,572	2	Modernization/Improveme nt	2-Potentially Critical
E-Dorm/Visiting-533	E1090	Emergency lighting	21.00	Ea.	\$1,372.86	\$28,830	0	Life Safety/Code Compliance	2-Potentially Critical
Gym-510	B2010	Brick venere	820.00	S.F.	\$52.56	\$43,099	3	Lifecycle Replacement	2-Potentially Critical
Gym-510	D202 0	Water heaters	1.00	Ea.	\$33,003.00	\$33,003	3	Lifecycle Replacement	2-Potentially Critical
Gym-510	D203 0	Sewage cast iron piping	220.00	L.F.	\$175.60	\$38,632	1	Lifecycle Replacement	2-Potentially Critical
Gym-510	D305 0	Heating units	4.00	Ea.	\$14,030.56	\$56,122	0	Modernization/Improveme nt	2-Potentially Critical
Human Resources-528	B2020	Exterior wood framed windows	2.00	Ea.	\$332.28	\$665	1	Modernization/Improveme nt	2-Potentially Critical





Hutchinson Central	D502 0	Site exterior lighting	75.00	Ea.	\$1,943.86	\$145,790	2	Energy/Sustainability	2-Potentially Critical
Hutchinson Central	D509 0	Emergency Generator	1.00	Ea.	\$512,852.72	\$512,853	9	Lifecycle Replacement	2-Potentially Critical
Kitchen and Dining- 511	B3010	Thermal Roof inspection	15.90	M.S.F.	\$1,288.66	\$20,490	0	Engineering Study/Further Investigation	2-Potentially Critical
Kitchen and Dining- 511	C3010	Ceramic tile flooring	21000.0 0	S.F.	\$14.88	\$312,480	6	Lifecycle Replacement	2-Potentially Critical
Kitchen and Dining- 511	D503 0	Camera systems	20.00	Ea.	\$1,578.62	\$31,572	2	Modernization/Improveme nt	2-Potentially Critical
Kitchen and Dining- 511	E1090	Emergency lighting	16.00	Ea.	\$1,372.86	\$21,966	0	Life Safety/Code Compliance	2-Potentially Critical
Kitchen and Dining- 513	E1090	Concrete stairs	125.00	S.F.	\$61.48	\$7,685	3	Major Repair	2-Potentially Critical
Kitchen and Dining- 514	C3030	Acoustic ceiling tile	8500.00	S.F.	\$15.76	\$133,960	2	Lifecycle Replacement	2-Potentially Critical
Kitchen-511	E1020	Floor mixer	1.00	Ea.	\$20,082.52	\$20,083	8	Lifecycle Replacement	2-Potentially Critical
Kitchen-511	E1080	Walk in freezer/refrigerato r	4.00	Ea.	\$39,091.36	\$156,365	3	Lifecycle Replacement	2-Potentially Critical
Kitchen-511	E1090	Kitchen Hoods	4.00	Ea.	\$5,376.70	\$21,507	3	Life-Safety/Code Compliance	2-Potentially Critical
Kitchen-511	E1110	Steam kettles	3.00	Ea.	\$34,921.62	\$104,765	8	Lifecycle Replacement	2-Potentially Critical
Kitchen-511	D203 0	Sewage cast iron piping	860.00	L.F.	\$175.60	\$151,016	1	Lifecycle Replacement	2-Potentially Critical
Kitchen-511	D305 0	HVAC	1.00	Ea.	\$155,745.86	\$155,746	4	Lifecycle Replacement	2-Potentially Critical
Laundry-526	E1010	Cloths dryer	8.00	Ea.	\$9,020.36	\$72,163	3	Modernization/Improveme nt	2-Potentially Critical
Laundry-526	D203 0	Sewage cast iron piping	220.00	L.F.	\$175.60	\$38,632	1	Lifecycle Replacement	2-Potentially Critical
Library/Educ-504	D503 0	Camera systems	3.00	Ea.	\$1,578.62	\$4,736	2	Modernization/Improveme nt	2-Potentially Critical
Library/Educ-504	E1090	Emergency lighting	15.00	Ea.	\$1,372.86	\$20,593	0	Life Safety/Code Compliance	2-Potentially Critical





Main Gate Control Center-536	D503 0	Camera systems	4.00	Ea.	\$1,578.62	\$6,314	2	Modernization/Improveme nt	2-Potentially Critical
Maintenance Operations -522	B2010	Wood siding	1958.00	S.F.	\$19.16	\$37,515	4	Lifecycle Replacement	2-Potentially Critical
Maintenance Operations-521	D203 0	Sewage cast iron piping	125.00	L.F.	\$175.60	\$21,950	1	Lifecycle Replacement	2-Potentially Critical
Maintenance Shop/Classrooms-524	D203 0	Sewage cast iron piping	350.00	L.F.	\$175.60	\$61,460	1	Lifecycle Replacement	2-Potentially Critical
Maintenance Shop- 532	B3010	Metal seam roofing	114.00	Sq.	\$2,456.40	\$280,030	2	Lifecycle Replacement	2-Potentially Critical
Old Clinic-518	B3010	Thermal Roof inspection	8.80	M.S.F.	\$1,288.66	\$11,340	0	Engineering Study/Further Investigation	2-Potentially Critical
Old Clinic-518	D305 0	HVAC	1.00	Ea.	\$155,745.86	\$155,746	4	Lifecycle Replacement	2-Potentially Critical
Power Plant-519	D302 0	250 HP boilers	1.00	Ea.	\$336,708.26	\$336,708	6	Lifecycle Replacement	2-Potentially Critical
Power Plant-519	D302 0	600 HP boilers	1.00	Ea.	\$875,387.20	\$875,387	6	Lifecycle Replacement	2-Potentially Critical
Programs-517	B3010	Thermal Roof inspection	6.06	M.S.F.	\$1,288.66	\$7,809	0	Engineering Study/Further Investigation	2-Potentially Critical
Programs-517	D203 0	Sewage cast iron piping	125.00	L.F.	\$175.60	\$21,950	1	Lifecycle Replacement	2-Potentially Critical
Programs-517	D305 0	HVAC	1.00	Ea.	\$155,745.86	\$155,746	4	Lifecycle Replacement	2-Potentially Critical
Recreation Shelter Areas	D503 0	Camera systems	6.00	Ea.	\$1,578.62	\$9,472	2	Modernization/Improveme nt	2-Potentially Critical
Roof Tower-535	D203 0	Sewage cast iron piping	120.00	L.F.	\$351.20	\$42,144	1	Lifecycle Replacement	2-Potentially Critical
Rotunda-502	C1020	Sliding grill type security doors	13.00	Ea.	\$3,922.70	\$50,995	0	Lifecycle Replacement	2-Potentially Critical
Rotunda-502	C3020	Terazzo Flooring	17500.0 0	S.F.	\$5.48	\$95,900	2	Major Repair	2-Potentially Critical
Rotunda-502	D503 0	Camera systems	6.00	Ea.	\$1,578.62	\$9,472	2	Modernization/Improveme nt	2-Potentially Critical
Rotunda-502	E1090	Emergency lighting	10.00	Ea.	\$1,372.86	\$13,729	0	Life Safety/Code Compliance	2-Potentially Critical





Site Utility	D501 0	Underground Main electrical service	38.90	Ea.	\$124,956.40	\$4,860,80 4	4	Lifecycle Replacement	2-Potentially Critical
Site Utility	G301 0	Underground Main water supply, over 6 inches	150.00	Ea.	\$25,810.50	\$3,871,57 5	5	Lifecycle Replacement	2-Potentially Critical
Site Utility	G302 0	Underground Main Sewage Drain	2000.00	L.F.	\$3,320.66	\$6,641,32 0	4	Lifecycle Replacement	2-Potentially Critical
Storage (old staff dining)-512	B1010	Concrete stairs,. Ramp, and platform	160.00	S.F.	\$184.44	\$29,510	1	Lifecycle Replacement	2-Potentially Critical
Storage (old staff dining)-513	B1010	Metal stairs, platform, and support systems	45.00	S.F.	\$722.72	\$32,522	1	Lifecycle Replacement	2-Potentially Critical
Storage (old staff dining)-514	B2010	Block wall stucco	80.00	S.F.	\$221.76	\$17,741	3	Major Repair	2-Potentially Critical
Storage-512	B3010	Roofing shingle	39.00	Sq.	\$696.54	\$27,165	0	Engineering Study/Further Investigation	2-Potentially Critical
Towers-534	C1020	Guard Tower Doors	8.00	Ea.	\$2,509.88	\$20,079	0	Lifecycle Replacement	2-Potentially Critical
Towers-534	G203 0	Concrete walkway	88.00	L.F.	\$239.10	\$21,041	0	Lifecycle Replacement	2-Potentially Critical
Towers-534	D203 0	Sewage cast iron piping	300.00	L.F.	\$175.60	\$52,680	1	Lifecycle Replacement	2-Potentially Critical
Vocational Hordiculture-522	B2010	Exterior block walls	2125.00	S.F.	\$73.92	\$157,080	1	Major Repair	2-Potentially Critical
Warehouse/Vocationa I531	D203 0	Sewage cast iron piping	300.00	L.F.	\$175.60	\$52,680	1	Lifecycle Replacement	2-Potentially Critical
Administration-501	C1020	Wooden interior doors	15.00	Ea.	\$2,815.20	\$42,228	6	Lifecycle Replacement	3- Necessary/No t Critical
Administration-501	D101 0	Elevator passsenger	2.00	Ea.	\$295,114.20	\$590,228	8	Routine Maintenance	3- Necessary/No t Critical
Building Exterior stone walls	B2010	Quarry stone walls	3600.00	L.F.	\$30.44	\$27,392	1	Engineering Study/Further Investigation	3- Necessary/No t Critical





Cell House A Annex- 505	D503 0	Intercom	20.00	Ea.	\$806.60	\$16,132	7	Modernization/Improveme nt	3- Necessary/No t Critical
Cell House A-505	C3030	Plaster or sheetrock	72250.0 0	S.F.	\$19.48	\$1,407,43 0	2	Routine Maintenance	3- Necessary/No t Critical
Cell House A-505	C3030	Shower ceilings	2000.00	S.F.	\$38.96	\$77,920	2	Routine Maintenance	3- Necessary/No t Critical
Cell House A-505	D202 0	Piping insulation	2250.00	L.F.	\$23.20	\$52,200	1	Lifecycle Replacement	3- Necessary/No t Critical
Cell House A-505	D503 0	Intercom	110.00	Ea.	\$1,613.20	\$177,452	7	Modernization/Improveme nt	3- Necessary/No t Critical
Cell House B Annex- 506	D503 0	Intercom	20.00	Ea.	\$806.60	\$16,132	7	Modernization/Improveme nt	3- Necessary/No t Critical
Cell House B-506	C3030	Shower ceilings	2000.00	S.F.	\$38.96	\$77,920	2	Routine Maintenance	3- Necessary/No t Critical
Cell House B-506	D202 0	Piping insulation	2250.00	L.F.	\$23.20	\$52,200	1	Lifecycle Replacement	3- Necessary/No t Critical
Cell House B-506	D503 0	Intercom	110.00	Ea.	\$1,613.20	\$177,452	7	Modernization/Improveme nt	3- Necessary/No t Critical
Cell House C Annex- 507	D503 0	Intercom	20.00	Ea.	\$806.60	\$16,132	7	Modernization/Improveme nt	3- Necessary/No t Critical
Cell House C-506	D202 0	Piping insulation	2250.00	L.F.	\$23.20	\$52,200	1	Lifecycle Replacement	3- Necessary/No t Critical
Cell House C-506	D503 0	Intercom	110.00	Ea.	\$1,613.20	\$177,452	7	Modernization/Improveme nt	3- Necessary/No t Critical
Cell House C-507	C3030	Shower ceilings	2000.00	S.F.	\$38.96	\$77,920	2	Routine Maintenance	3- Necessary/No t Critical





Cell House D Annex- 508	D503 0	Intercom	20.00	Ea.	\$806.60	\$16,132	7	Modernization/Improveme nt	3- Necessary/No t Critical
Cell House D-507	D202 0	Piping insulation	2875.00	L.F.	\$23.20	\$66,700	1	Lifecycle Replacement	3- Necessary/No t Critical
Cell House D-507	D503 0	Intercom	110.00	Ea.	\$1,613.20	\$177,452	7	Modernization/Improveme nt	3- Necessary/No t Critical
Cell House D-508	C3030	Shower ceilings	2000.00	S.F.	\$38.96	\$77,920	2	Routine Maintenance	3- Necessary/No t Critical
Corridor-509	C3010	VCT tile	1600.00	S.F.	\$14.88	\$23,808	1	Major Repair	3- Necessary/No t Critical
Corridor-510	C3030	Acoustic ceiling tile	32.00	C.S.F.	\$1,255.04	\$40,161	0	Lifecycle Replacement	3- Necessary/No t Critical
Dorm D3-Basement D- 508	C3020	VCT tile	5750.00	S.F.	\$21.92	\$126,040	1	Major Repair	3- Necessary/No t Critical
E Dorm Visiting-533	B2020	Exterior metal fram windows	40.00	Ea.	\$35,000.00	\$1,400,00 0	5	Modernization/Improveme nt	3- Necessary/No t Critical
E Dorm Visiting-533	C1020	Steel doors	3.00	Ea.	\$3,232.64	\$9,698	6	Lifecycle Replacement	3- Necessary/No t Critical
E Drom Visiting-533	B2030	Interior wooden doors	24.00	Ea.	\$3,744.02	\$89,856	5	Lifecycle Replacement	3- Necessary/No t Critical
E-Dorm/Visiting-533	C3020	VCT tile	19500.0 0	S.F.	\$5.48	\$106,860	1	Major Repair	3- Necessary/No t Critical
E-Dorm/Visiting-533	C3030	Ceiling tile	10000.0	S.F.	\$15.76	\$157,600	2	Major Repair	3- Necessary/No t Critical
Garage-529	B2020	Exterior metal framed windows	14.00	Ea.	\$3,770.48	\$52,787	4	Modernization/Improveme nt	3- Necessary/No t Critical





Garage-529	C1020	Steel doors	2.00	Ea.	\$3,232.64	\$6,465	6	Lifecycle Replacement	3- Necessary/No
_									t Critical
									3-
Gym-510	C1020	Steel doors	3.00	Ea.	\$3,232.64	\$9,698	6	Lifecycle Replacement	Necessary/No
									t Critical
		Exterior metal						Modernization/Improveme	3-
Gym-511	B2020	framed windows	24.00	Ea.	\$3,770.48	\$90,492	4	nt	Necessary/No
									t Critical
	0.000	a		_	40.000.00	40.000			3-
Human Resources-528	C1020	Steel doors	1.00	Ea.	\$3,232.64	\$3,233	6	Lifecycle Replacement	Necessary/No
									t Critical 3-
Human Dasaumas F30	62020	VCT +:I-	750.00	C E	ĆE 40	¢4.110	1	Maiou Bonoiu	_
Human Resources-528	C3020	VCT tile	750.00	S.F.	\$5.48	\$4,110	1	Major Repair	Necessary/No
									t Critical
Human Resources-528	C3020	Carpet	83.33	S.Y.	\$127.88	\$10,656	1	Major Repair	Necessary/No
Tiulilaii Nesources-520	C3020	Carpet	65.55	3.1.	Ç127.88	\$10,030		iviajoi Kepali	t Critical
									3-
KCI Industries-539	C1010	Toilet partitions	120.00	S.F.	\$8.90	\$1,068	4	Lifecycle Replacement	Necessary/No
	02020	,			75.55	7 = , 5 5 5			t Critical
What are and Distant		Fortantan market						Na demination (Income	3-
Kitchen and Dining-	B2020	Exterior metal	5.00	Ea.	\$3,770.48	\$18,852	6	Modernization/Improveme	Necessary/No
511		framed windows						nt	t Critical
Kitchen and Dining-									3-
511	C1020	Steel doors	12.00	Ea.	\$3,232.64	\$38,792	6	Lifecycle Replacement	Necessary/No
311									t Critical
									3-
Kitchen-511	E1090	Flat top skillet	2.00	Ea.	\$10,694.08	\$21,388	6	Lifecycle Replacement	Necessary/No
									t Critical
		Ovens and							3-
Kitchen-511	E1090	Proofers	13.00	Ea.	\$8,142.46	\$105,852	5	Lifecycle Replacement	Necessary/No
									t Critical
	F1000	ما المام	1.00	E-	¢02.800.60	¢02.000		Life and a Devile course	3- Nacasaa w./Na
Kitchen-511	E1090	dishwasher	1.00	Ea.	\$93,898.60	\$93,899	9	Lifecycle Replacement	Necessary/No
									t Critical 3-
Kitchen-511	E1090	Various kitchen	7.00	Ea.	\$4,250.00	\$29,750	6	Lifecycle Replacement	3- Necessary/No
KITCHEH-211	L1090	equipment	7.00	Ld.	34,230.00	323,730	O	Lifecycle Replacement	t Critical
									t Critical





Library-504	B2020	Exterior metal framed windows	12.00	Ea.	\$5,655.72	\$67,869	6	Modernization/Improveme nt	3- Necessary/No t Critical
Library-504	C3020	VCT tile	1500.00	S.F.	\$5.48	\$8,220	5	Major Repair	3- Necessary/No t Critical
Library-505	C3030	Acoustic ceiling tile	2.30	C.S.F.	\$1,255.04	\$2,887	4	Lifecycle Replacement	3- Necessary/No t Critical
Main Stone Security Wall	B2010	Quarry stone walls	45890.0 0	S.F.	\$6.09	\$279,332	1	Engineering Study/Further Investigation	3- Necessary/No t Critical
Maintenance Operations-521	B2020	Exterior metal framed windows	9.00	Ea.	\$3,770.48	\$33,934	4	Modernization/Improveme nt	3- Necessary/No t Critical
Maintenance Operations-521	C3020	VCT tile	3360.00	S.F.	\$5.48	\$18,413	1	Major Repair	3- Necessary/No t Critical
Maintenance shop Classrooms-524	B2020	Exterior metal framed windows	15.00	Ea.	\$3,770.48	\$56,557	4	Modernization/Improveme nt	3- Necessary/No t Critical
Maintenance shop Classrooms-524	G203 0	Sidewalk and ramp	75.00	L.F.	\$289.20	\$21,690	0	Modernization/Improveme nt	3- Necessary/No t Critical
Maintenance Shop- 532	B2010	Aluminum siding	1024.00	S.F.	\$16.48	\$16,876	5	Major Repair	3- Necessary/No t Critical
Maintenance Shop- 532	B3010	Gutters	600.00	L.F.	\$27.38	\$16,428	3	Lifecycle Replacement	3- Necessary/No t Critical
Maintenance Shop- 532	C1020	Steel doors	3.00	Ea.	\$3,232.64	\$9,698	6	Lifecycle Replacement	3- Necessary/No t Critical
Maintenance Shops/Classrooms-524	C3020	VCT tile	14200.0 0	S.F.	\$5.48	\$77,816	1	Major Repair	3- Necessary/No t Critical
Maintenance-524	B1010	Metal stairs and platform	100.00	S.F.	\$180.68	\$18,068	2	Major Repair	3- Necessary/No t Critical





Old Clinic-518	B2020	Exterior metal framed windows	3.00	Ea.	\$3,770.48	\$11,311	4	Modernization/Improveme nt	3- Necessary/No t Critical
Old Clinic-518	C3020	VCT tile	8800.00	S.F.	\$5.48	\$48,224	1	Major Repair	3- Necessary/No t Critical
Old Clinic-518	C3030	Plaster or sheetrock ceiling	8800.00	S.F.	\$19.48	\$171,424	2	Major Repair	3- Necessary/No t Critical
Power Plant-519	D202 0	Water softener	1.00	Ea.	\$76,120.34	\$76,120	7	Lifecycle Replacement	3- Necessary/No t Critical
Power Plant-519	B2020	Exterior metal framed windows	106.00	Ea.	\$5,655.72	\$599,506	4	Modernization/Improveme nt	3- Necessary/No t Critical
Power Plant-519	C1020	Steel doors	3.00	Ea.	\$3,232.64	\$9,698	6	Lifecycle Replacement	3- Necessary/No t Critical
Print Ship-516	B2020	Exterior metal framed windows	10.00	Ea.	\$11,311.44	\$113,114	2	Modernization/Improveme nt	3- Necessary/No t Critical
Print Ship-516	B2020	Exterior metal framed windows	6.00	Ea.	\$3,770.48	\$22,623	4	Modernization/Improveme nt	3- Necessary/No t Critical
Print Shop-516	A103 0	Concrete flooring	3024.00	S.F.	\$113.12	\$342,075	9	Major Repair	3- Necessary/No t Critical
Print Shop-516	C1020	Steel doors	3.00	Ea.	\$3,232.64	\$9,698	6	Lifecycle Replacement	3- Necessary/No t Critical
Programs-517	B1010	Concrete steps	50.00	S.F.	\$61.48	\$3,074	5	Major Repair	3- Necessary/No t Critical
Programs-517	B2020	Exterior metal framed windows	7.00	Ea.	\$3,770.48	\$26,393	2	Modernization/Improveme nt	3- Necessary/No t Critical
Programs-517	C3020	VCT tile	606.00	S.F.	\$5.48	\$3,321	5	Major Repair	3- Necessary/No t Critical





Programs-517	C3030	Acoustic ceiling tile	10.00	C.S.F.	\$1,255.04	\$12,550	4	Lifecycle Replacement	3- Necessary/No t Critical
Quansit Hut-565	B2010	Aluminum siding door	105.00	S.F.	\$32.96	\$3,461	0	Major Repair	3- Necessary/No t Critical
Site Paving	G202 0	Site Paving	500.00	M.S.F.	\$2,069.66	\$1,034,83 0	0	Modernization/Improveme nt	3- Necessary/No t Critical
Storage (old electric shop)-513	B2020	Exterior metal framed windows	3.00	Ea.	\$3,770.48	\$11,311	2	Modernization/Improveme nt	3- Necessary/No t Critical
Storage (old staff dining)-515	B2020	Exterior metal framed windows	3.00	Ea.	\$3,770.48	\$11,311	2	Modernization/Improveme nt	3- Necessary/No t Critical
Towers-534	A103 0	Concrete flooring	900.00	S.F.	\$113.12	\$101,808	0	Engineering Study/Further Investigation	3- Necessary/No t Critical
Towers-534	C3020	VCT tile	900.00	S.F.	\$21.92	\$19,728	1	Major Repair	3- Necessary/No t Critical
Vocational Hordiculture-522	C1020	Steel doors	2.00	Ea.	\$3,232.64	\$6,465	6	Lifecycle Replacement	3- Necessary/No t Critical
Vocational Hordiculture-523	B2020	Exterior metal framed windows	8.00	Ea.	\$3,770.48	\$30,164	4	Modernization/Improveme nt	3- Necessary/No t Critical
Warehouse Vocationa- 531	B3010	Metal seam roofing	230.00	Sq.	\$2,456.40	\$564,972	2	Lifecycle Replacement	3- Necessary/No t Critical
Warehouse Vocationa- 531	B3010	Gutters	850.00	L.F.	\$27.38	\$23,273	3	Engineering Study/Further Investigation	3- Necessary/No t Critical
Warehouse Vocationa- 531	C1020	Steel doors	3.00	Ea.	\$3,232.64	\$9,698	6	Lifecycle Replacement	3- Necessary/No t Critical
Yard Storage-515	B2010	Wood siding	240.00	S.F.	\$19.16	\$4,598	3	Lifecycle Replacement	3- Necessary/No t Critical



# **ASSESSMENT**

Administration-501	C3030	Acoustic ceiling tile	65.00	C.S.F.	\$1,255.04	\$81,578	5	Lifecycle Replacement	4- Recommende d
Administration-501	D401 0	Backflow preventers	4.00	Ea.	\$1,829.60	\$7,318	7	Life-Safety/Code Compliance	4- Recommende d
Laundry-527	E1010	Washing machine	5.00	Ea.	\$9,020.36	\$45,102	8	Routine Maintenance	4- Recommende d
Maintenance Operations -521	B1010	Metal stairs and platform	70.00	S.F.	\$180.68	\$12,648	2	Major Repair	4- Recommende d



## **ADMINISTRATION - EXTERIOR**















## **ADMINISTRATION - EXTERIOR**







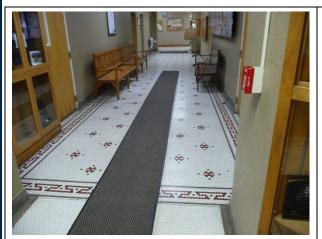






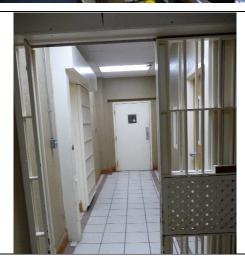


## **ADMINISTRATION - INTERIOR**

















## **ADMINISTRATION - INTERIOR**













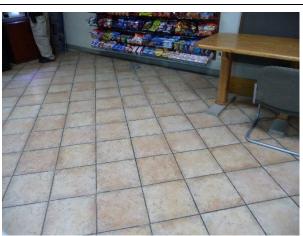


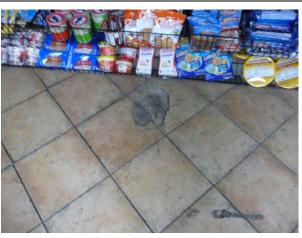
## **ADMINISTRATION - INTERIOR**















# ADMINISTRATION – MECHANICAL, ELECTRICAL, & PLUMBING















ADMINISTRATION – MECHANICAL, ELECTRICAL, & PLUMBING















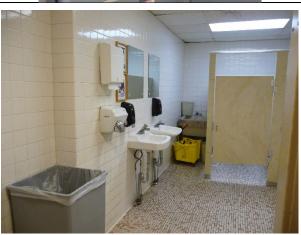


ADMINISTRATION – MECHANICAL, ELECTRICAL, & PLUMBING















#### **ROTUNDA - INTERIOR**

















ROTUNDA – MECHANICAL, ELECTRICAL, & PLUMBING





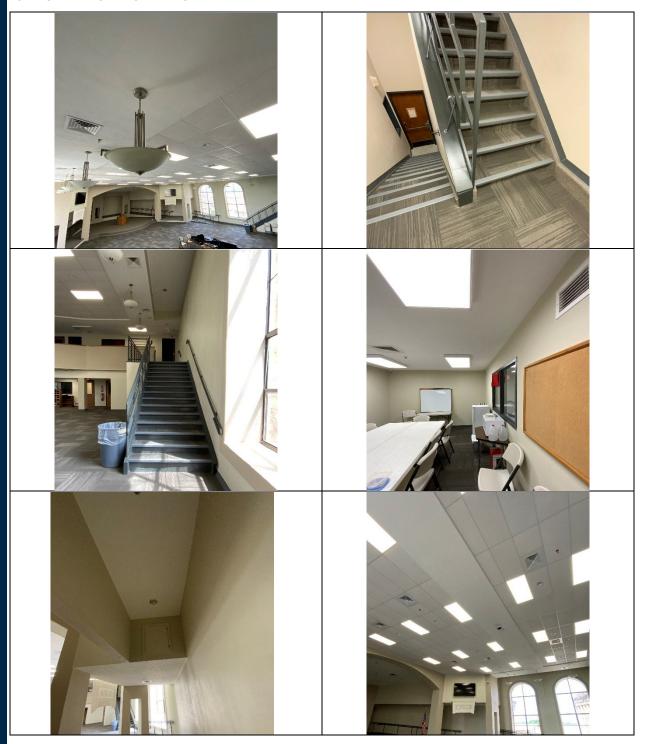




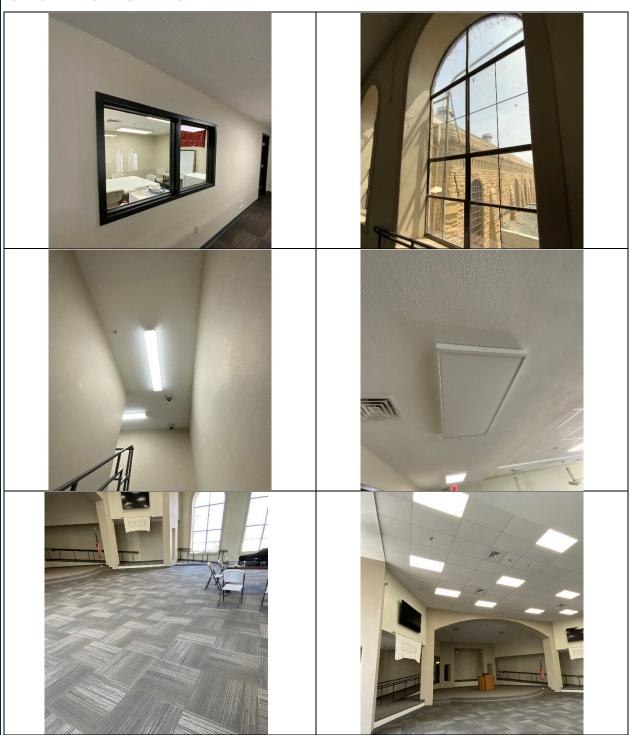








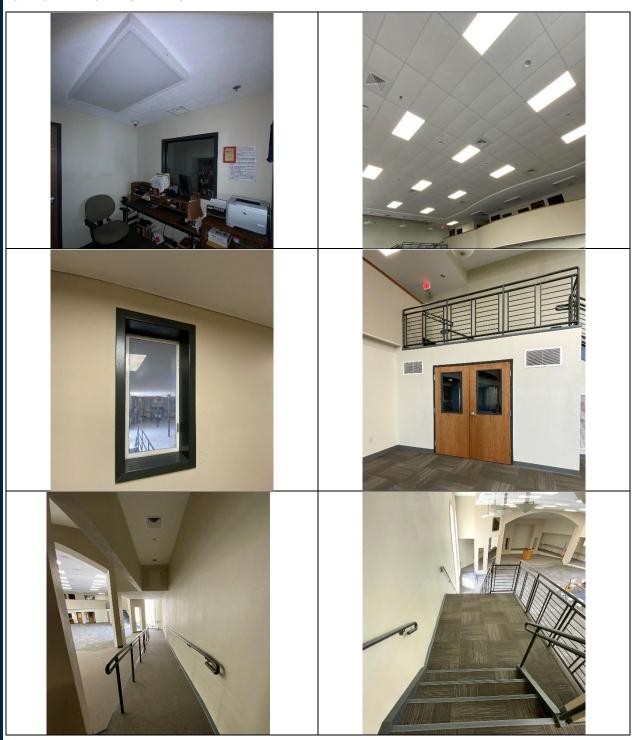






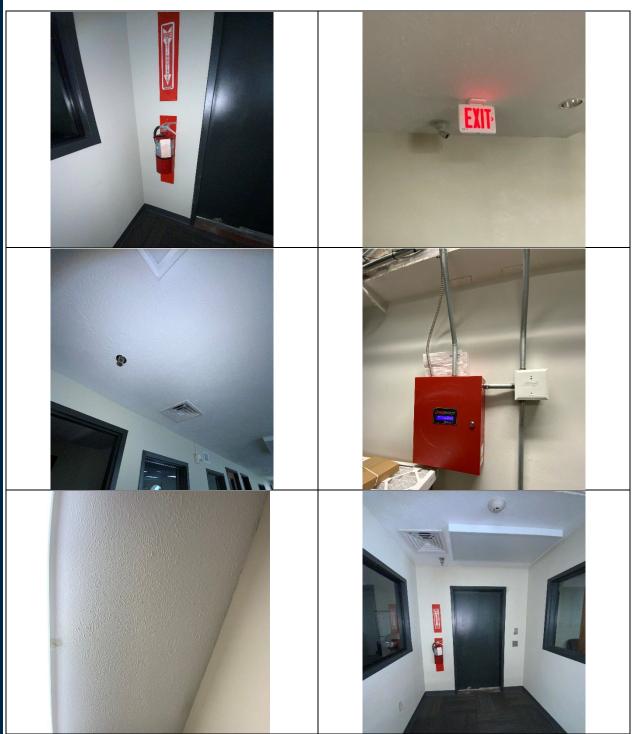






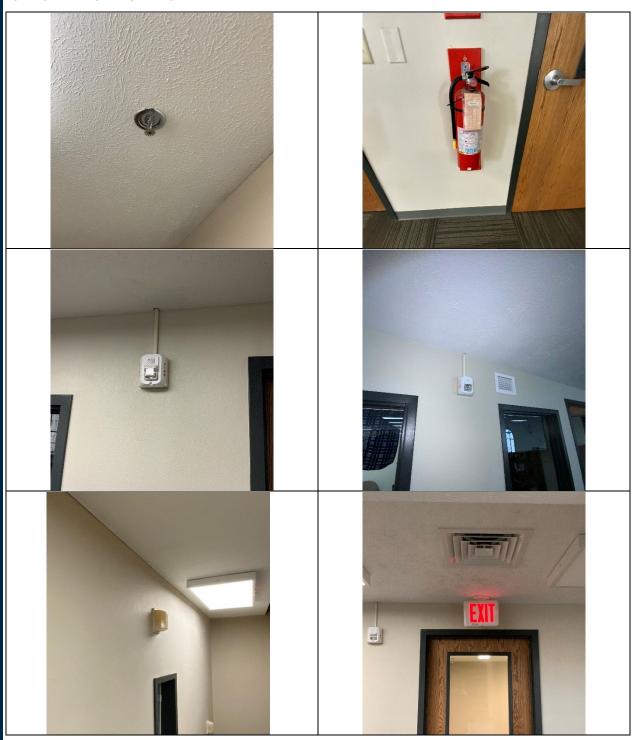


**SPIRTUAL LIFE BUILDING – LIFE SAFETY** 





#### **SPIRTUAL LIFE BUILDING – LIFE SAFETY**





SPIRTUAL LIFE BUILDING – MECHANICAL, ELECTRICAL, & PLUMBING





#### **SPIRTUAL LIFE BUILDING - SECURITY**





**EDUC. CANTEEN, & LIBRARY- INTERIOR** 













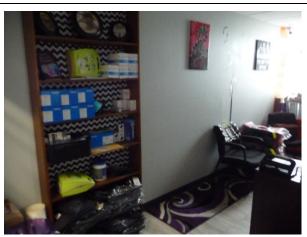


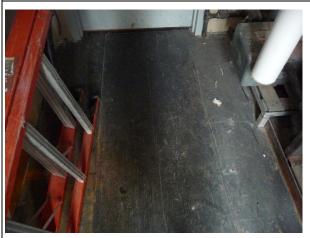
#### **EDUC. CANTEEN, & LIBRARY- INTERIOR**







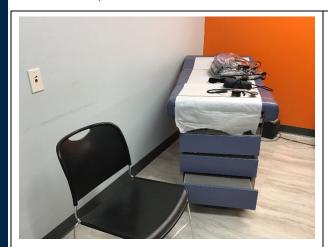






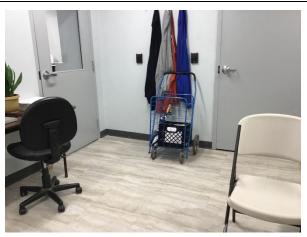


#### **EDUC. CANTEEN, & LIBRARY - INTERIOR**















**EDUC. CANTEEN, & LIBRARY- LIFE SAFETY** 















EDUC. CANTEEN, & LIBRARY- MECHANICAL, ELECTRICAL, & PLUMBING















EDUC. CANTEEN, & LIBRARY- INTERIOR – MECHANICAL, ELECTRICAL, & PLUMBING













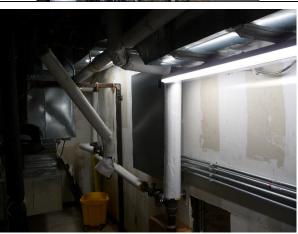


EDUC. CANTEEN, & LIBRARY - MECHANICAL, ELECTRICAL, & PLUMBING















EDUC. CANTEEN, & LIBRARY - MECHANICAL, ELECTRICAL, & PLUMBING















#### KITCHEN & DINING ROOM – INTERIOR, & LIFE SAFETY













#### **GYMNAIUM - EXTERIOR**









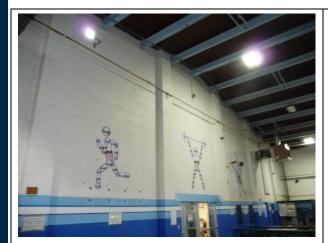




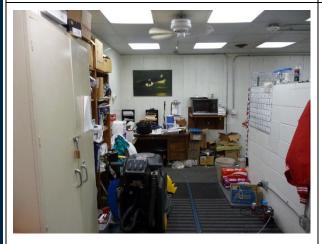




#### **GYMNAIUM - INTERIOR**















#### **GYMNAIUM - INTERIOR**













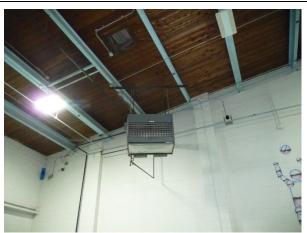


**GYMNAIUM – MECHANICAL, ELECTRICAL, & PLUMBING** 















#### **GYMNAIUM – MECHANICAL, ELECTRICAL, & PLUMBING**



























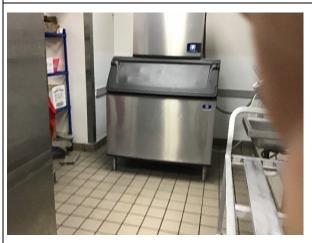


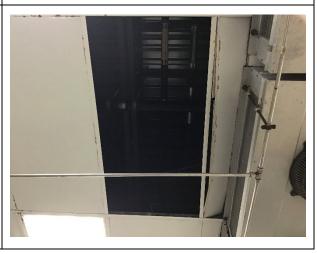




















































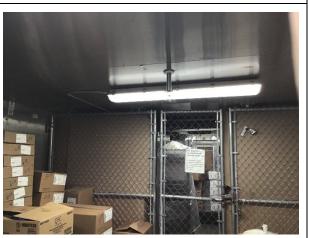










































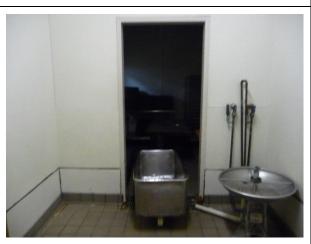
















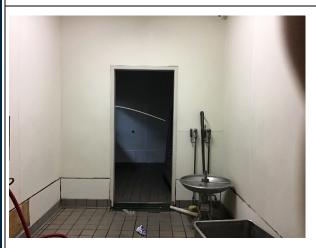
















KITCHEN & DINING – MECHANICAL, ELECTRICAL, PLUMBING, & LIFE SAFETY



























































































































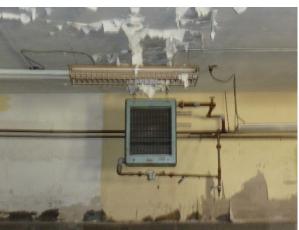


VOC FOOD SERVICE, OLD ELECTRICAL SHOP, & OLD PLUMBING SHOP – MECHANICAL, ELECTRICAL, & PLUMBING















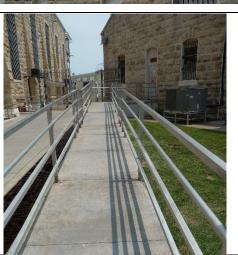


### PRINT SHOP - EXTERIOR











### PRINT SHOP – INTERIOR













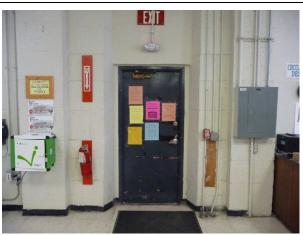


PRINT SHOP – MECHANICAL, ELECTRICAL, & PLUMBING















### PROGRAMS BUILDING SATP - EXTERIOR













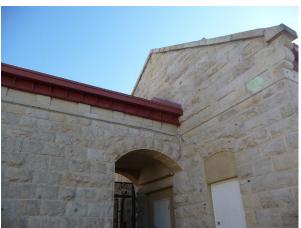


### **MAIN BUILDING - EXTERIOR**















### PROGRAMS BUILDING SATP - INTERIOR















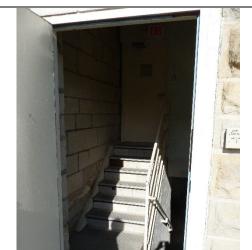
### PROGRAMS BUILDING SATP - INTERIOR

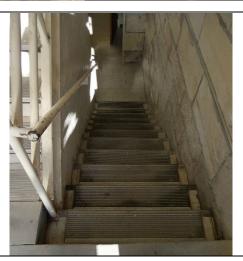






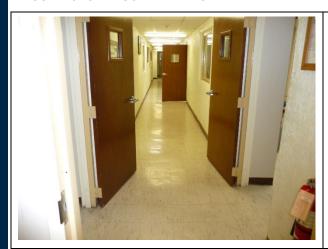








### PROGRAMS BUILDING SATP - INTERIOR













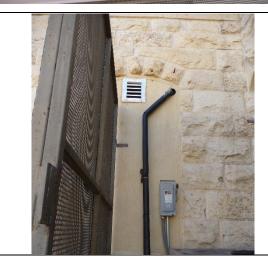


PROGRAMS BUILDING SATP – MECHANICAL, ELECTRICAL, & PLUMBING















PROGRAMS BUILDING SATP – MECHANICAL, ELECTRICAL, & PLUMBING











## CLINIC/MENTAL HEALTH - EXTERIOR















### **MAIN BUILDING - EXTERIOR**











## CLINIC/MENTAL HEALTH - INTERIOR















## CLINIC/MENTAL HEALTH - INTERIOR





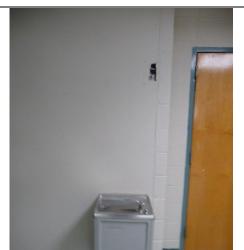
CLINIC/MENTAL HEALTH – MECHANICAL, ELECTRICAL, & PLUMBING















CLINIC/MENTAL HEALTH – MECHANICAL, ELECTRICAL, & PLUMBING















CLINIC/MENTAL HEALTH – MECHANICAL, ELECTRICAL, & PLUMBING















### **POWER PLANT - EXTERIOR**















### **POWER PLANT - INTERIOR**





































































### MAINTENANCE OPERATIONS- EXTERIOR















### **MAINTENANCE OPERATIONS- INTERIOR**

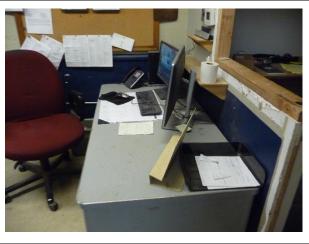














#### **MAINTENANCE OPERATIONS- INTERIOR**















#### MAINTENANCE OPERATIONS- MECHANICAL, ELECTRICAL, & PLUMBING















#### MAINTENANCE OPERATIONS- MECHANICAL, ELECTRICAL, & PLUMBING













#### **VOCATIONAL HORTICULTURE- EXTERIOR**





















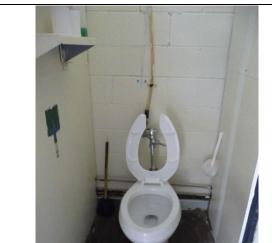




#### VOCATIONAL HORTICULTURE- MECHANICAL, ELECTRICAL,&PLUMBING











#### MAIN SHOPS/CLASSROOMS - EXTERIOR















MAIN SHOPS/CLASSROOMS - EXTERIOR















#### MAIN SHOPS/CLASSROOMS - EXTERIOR















MAIN SHOPS/CLASSROOMS - INTERIOR & LIFE SAFETY

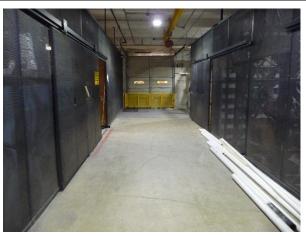














MAIN SHOPS/CLASSROOMS - INTERIOR & LIFE SAFETY

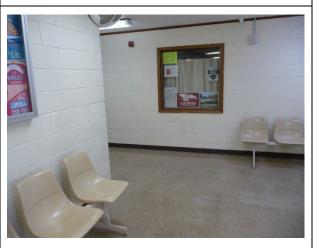














MAIN SHOPS/CLASSROOMS - INTERIOR & LIFE SAFETY

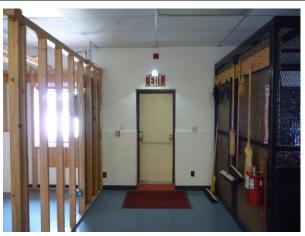














MAIN SHOPS/CLASSROOMS – MECHANICAL, ELECTRICAL, & PLUMBING

















MAIN SHOPS/CLASSROOMS - MECHANICAL, ELECTRICAL, & PLUMBING









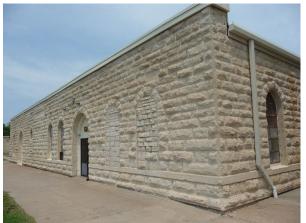






#### CONST/HVAC/SHEET/MTL- EXTERIOR

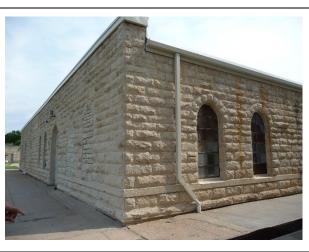














#### CONST/HVAC/SHEET/MTL-INTERIOR















CONST/HVAC/SHEET/MTL- MECHANICAL, ELECTRICAL, & PLUMBING















#### **HUMAN RESOURCES- EXTERIOR**

















#### **HUMAN RESOURCES- EXTERIOR**













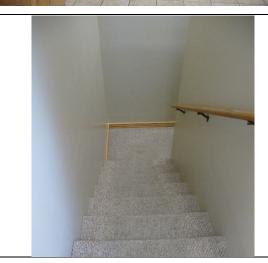


#### **HUMAN RESOURCES- INTERIOR**















#### **HUMAN RESOURCES- INTERIOR**















HUMAN RESOURCES- MECHANICAL, ELECTRICAL, & PLUMBING















#### HUMAN RESOURCES- MECHANICAL, ELECTRICAL, & PLUMBING















#### **GARAGE - EXTERIOR**















#### **GARAGE - INTERIOR**













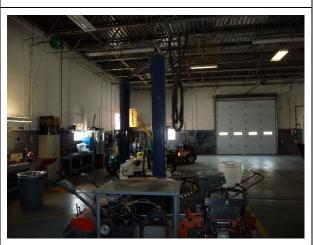


#### **GARAGE - INTERIOR**















GARAGE – MECHANICAL, ELECTRICAL, PLUMBING, & LIFE SAFETY

















WAREHOUSE/VOCATIONAL - EXTERIOR















#### WAREHOUSE/VOCATIONAL - EXTERIOR















#### WAREHOUSE/VOCATIONAL - INTERIOR















#### WAREHOUSE/VOCATIONAL - INTERIOR













WAREHOUSE/VOCATIONAL – MECHANICAL, ELECTRICAL, & PLUMBING

















#### **MAINTENANCE SHOPS - EXTERIOR**















#### WAREHOUSE/VOCATIONAL - EXTERIOR

















#### WAREHOUSE/VOCATIONAL - INTERIOR















#### WAREHOUSE/VOCATIONAL - INTERIOR















WAREHOUSE/VOCATIONAL – MECHANICAL, ELECTRICAL, & PLUMBING













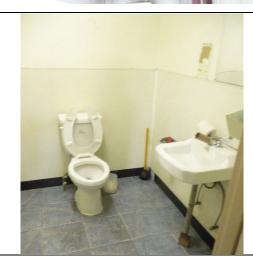


WAREHOUSE/VOCATIONAL – MECHANICAL, ELECTRICAL, & PLUMBING















### E DORM/VISITING/A & D - EXTERIOR















### WAREHOUSE/VOCATIONAL – INTERIOR & LIFE SAFETY











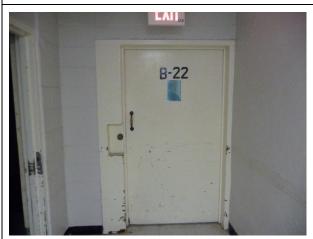




### WAREHOUSE/VOCATIONAL – INTERIOR & LIFE SAFETY

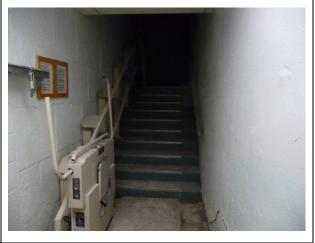












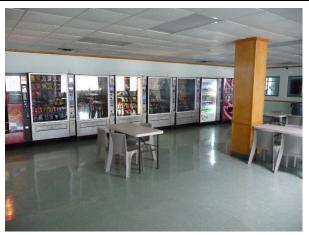


E DORM/VISITING/A & D – INTERIOR & LIFE SAFETY















### E DORM/VISITING/A & D – INTERIOR & LIFE SAFETY

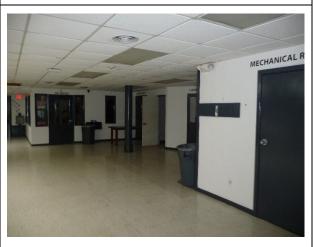














### E DORM/VISITING/A & D – INTERIOR & LIFE SAFETY















E DORM/VISITING/A & D – MECHANICAL, ELECTRICAL & PLUMBING















### E DORM/VISITING/A & D – MECHANICAL, ELECTRICAL & PLUMBING









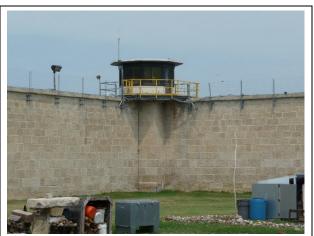






TOWERS NE, NW, SW - EXTERIOR















TOWERS NE, NW, SW - EXTERIOR















**TOWERS NE, NW, SW - INTERIOR** 











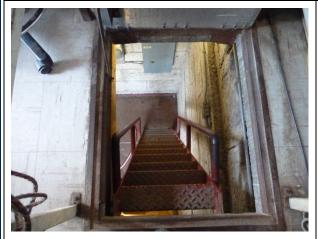




**TOWERS NE, NW, SW - INTERIOR** 











TOWERS NE, NW, SW – MECHANICAL, ELECTRICAL, & PLUMBING

















### **ROOF TOWER - EXTERIOR**















### MAIN GATE CONTROL CENTER- EXTERIOR















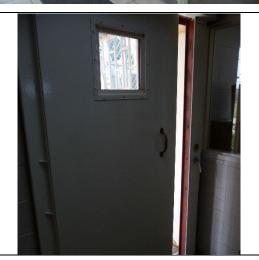


### MAIN GATE CONTROL CENTER- INTERIOR & LIFE SAFETY















### **EAST GATE- EXTERIOR**















### **EAST GATE- EXTERIOR**















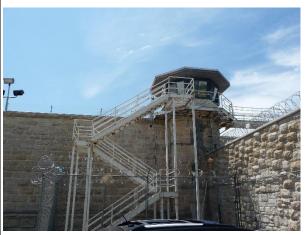
### **EAST GATE- EXTERIOR**















### **EAST GATE- INTERIOR**

















### EAST GATE- MECHANICAL, ELECTRICAL, & PLUMBING













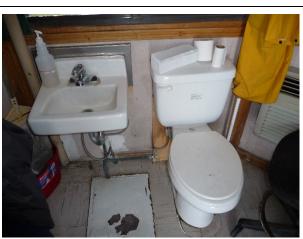


EAST GATE- MECHANICAL, ELECTRICAL, & PLUMBING















### KCI INDUSTRIES BUILDING - EXTERIOR















### KCI INDUSTRIES BUILDING - INTERIOR















### KCI INDUSTRIES BUILDING - INTERIOR













KCI INDUSTRIES BUILDING – MECHANICAL, ELECTRICAL, & PLUMBING















### **QUONSET HUT – EXTERIOR & INTERIOR**













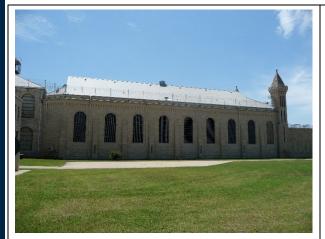


### **QUONSET HUT – EXTERIOR & INTERIOR**





### A, B, C, & D CELLHOUSE- EXTERIOR















### A, B, C, & D CELLHOUSE- EXTERIOR

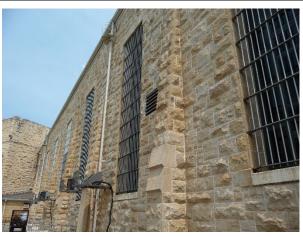














### A, B, C, & D CELLHOUSE- EXTERIOR

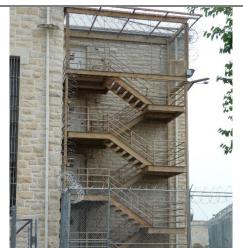














### A, B, C, & D CELLHOUSE- INTERIOR







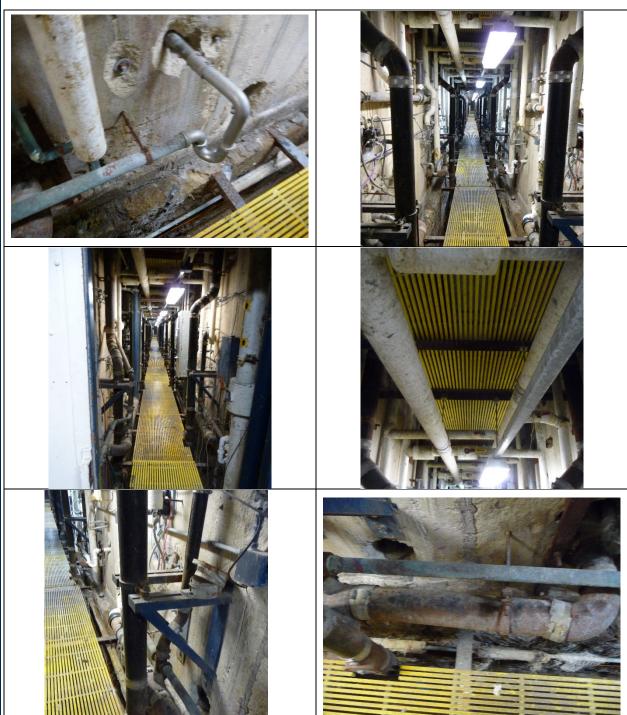








A, B, C, & D CELLHOUSE- MECHANICAL, ELECTRICAL, & PLUMBING





**QUONSET HUT – EXTERIOR** 











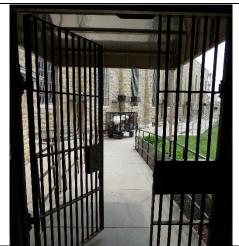


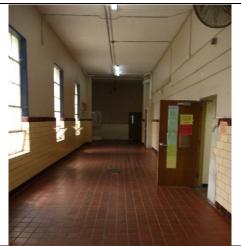


### CORRIDOR-EXTERIOR & INTERIOR















### **CORRIDOR-EXTERIOR & INTERIOR**















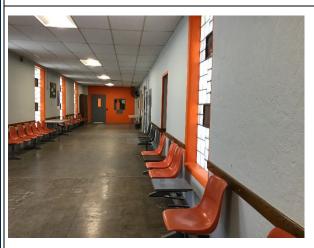
### CORRIDOR-EXTERIOR & INTERIOR











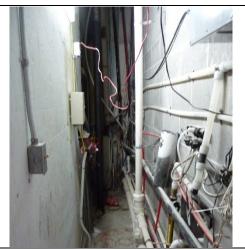




CORRIDOR- MECHANICAL, ELECTRICAL, & PLUMBING















#### **DORM D3 BASEMENT D - INTERIOR**















### **DORM D3 BASEMENT D - INTERIOR**















### **DORM D3 BASEMENT D - INTERIOR**

















DORM D3 BASEMENT D – MECHANICAL, ELECTRICAL, & PLUMBING

















LAWN & GARDEN – EXTERIOR

















RECREATION SHELTERS – EXTERIOR, INTERIOR, & PLUMBING















### **GENERAL SITE-EXTERIOR WALLS**















### **GENERAL SITE – EXTERIOR WALLS**













### **GENERAL SITE – UTILITY TUNNEL**





### **GENERAL SITE – UTILITY TUNNEL**





### **GENERAL SITE – UTILITY TUNNEL**

















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