



# JACKSON COUNTY

## DETENTION CENTER

# Component Package 1

**JE DUNN • AXIOM • DLR GROUP**  
DESIGN BUILD TEAM

March 17, 2023

Form of Component Contract Modification

**DESIGN BUILD AGREEMENT  
PROPOSED COMPONENT CONTRACT MODIFICATION NO. 1  
PROJECT NO. 70-22**

TO: Jackson County, Missouri

This proposed Component Contract Modification is submitted pursuant to Sections 1.1.6, 3.2.2 and 4.1 of the Design/Build Agreement dated May 19, 2022, the terms of which are incorporated by reference.

Having carefully examined the Schematic Design Documents prepared by the Design Professional and approved by Owner on March 3, 2023, as well as the Site and conditions affecting the Work, the undersigned submits this proposed Component Contract Modification to furnish all service, labor and materials called for by the Schematic Design Documents for the entire Work of Component Package 1 in accordance with the aforesaid Schematic Design Documents and the Design/Build Agreement.

**Description of Modification**

The Contract Modification sum is \$ 31,506,535.

The Contract Modification Sum is comprised of the following amounts:

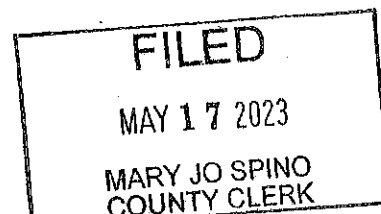
1.	Construction Sum due Trade Contractor or Trade Supplier	\$10,118,488
2.	Design Builder's Estimated Cost for Work or Material Supplied by Design Builder	\$ 20,724,914
3.	Design Builder's Contingency (0%)	
4.	Design Builder's Fee (2.15%)	\$ 663,133

The Component Package 1 Budget is attached as Attachment A.

The Master Schedule is attached as Attachment B.

The undersigned guarantees the final completion of the Work above on or before the Final Completion Date which is November 25, 2025.

The undersigned agrees that this proposed Component Contract Modification, together with Owner's Notice of Acceptance, is the Design/Builder's proposed amendment to the Design/Build Agreement for the performance by the Design/Builder of the proposed Work for the above-stated compensation in accordance with the Master Schedule and within the time specified in accordance with the Contract Documents and shall constitute an amendment to the Design/Build Agreement by Contract Modification, if approved and agreed upon by the Owner. The Work defined in this Component Package is a subset of the Work set forth in the Guaranteed Maximum Price Proposal for the Project dated March 14, 2023 (the "GMP Proposal"). Component Package 1 and Component Package 2A Contract Modifications must be executed in conjunction with the Guaranteed Maximum Price Amendment incorporating the GMP Proposal in order for the Guaranteed Maximum Price Amendment and Component Packages 1 and 2A Modifications to be effective.



**REVENUE CERTIFICATE**

There is a balance otherwise unencumbered to the credit of the appropriation to which the expenditure is chargeable and there is a cash balance otherwise unencumbered in the treasury to the credit of the fund from which payment is to be made each sufficient to provide for the obligation of \$31,506,535.00 is hereby authorized.

5-15-2023  
Date

  
\_\_\_\_\_  
Director of Finance and Purchasing  
Account No. 024-1214-58020  
PC 121423001 0000 DM

DATED: March 17<sup>th</sup>, 2023

J.E. DUNN – AXIOM, A JOINT VENTURE  
Design/Builder

By: 

Name: Paul R. Neidlein

Title: MW Region President

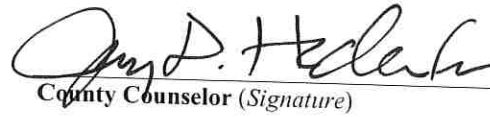
RECOMMENDED FOR OWNER'S ACCEPTANCE:

OWNER'S REPRESENTATIVE

By: \_\_\_\_\_

  
County Executive (Signature)

\_\_\_\_\_  
(Printed Name)

  
County Counselor (Signature)

\_\_\_\_\_  
(Printed Name)

  
Clerk of the County Legislature (Signature)

\_\_\_\_\_  
(Printed Name)

# Attachment A

JE DUNN • AXIOM • DLR GROUP  
DESIGN-BUILD TEAM

May 14<sup>th</sup>, 2023  
Mr. Troy Schulte  
Jackson County, Missouri  
Kansas City, MO 64106

Re: Jackson County Detention Center  
Component Package 1

Dear Troy,

Having submitted our Guaranteed Maximum Price (GMP) under separate cover on March 14<sup>th</sup>, 2023, we are submitting the following for consideration of Component Package 1. This Component Package 1 details work that pertains to continuation of design documents, site demolition, site development and earthwork that is directly tied to our GMP submission. Component Package 1 totals to **\$31,506,535 (Thirty-One Million, Five Hundred Six Thousand, Five Hundred Thirty-Five Dollars)**.

With this Component Package the project will move forward with early earthwork and some site infrastructure items to allow the building pad to become ready for additional scopes of work. This Component Package does not include a complete foundation package; however, this will be presented in a forthcoming Component Package.

Upon receiving written approval of this Component Package JE Dunn + Axiom will forward the formal contract amendment for execution, obtain insurance, procure payment and performance bonds, begin issuing subcontracts to our trade partners, and begin onsite mobilization.

Sincerely,



Jeff Jenkins

Project Director, JE Dunn + Axiom

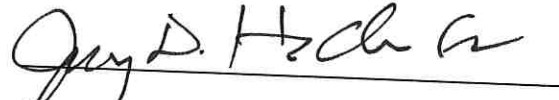
Cc: Vance McMillan, JE Dunn + Axiom  
Daniel Felder, JE Dunn + Axiom  
Brian Dietz, JE Dunn + Axiom  
Paul Neidlein, JE Dunn + Axiom  
Rob Cleavinger, JE Dunn + Axiom  
Tom Bartelli, JE Dunn + Axiom  
Nick Tuggle, JE Dunn + Axiom  
Martin Berglund, DLR Group  
Dan Wehmueller, JCDC Partners  
Dan Musser, JCDC Partners  
Rick Davidson, JCDC Partners  
Cameron Glass, JCDC Partners  
Babette Macy, JCDC Partners

Jackson County, Missouri



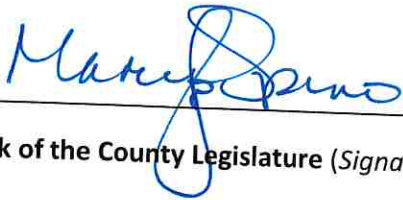
County Executive (Signature)

\_\_\_\_\_  
(Printed Name)



County Counselor (Signature)

\_\_\_\_\_  
(Printed Name)



Clerk of the County Legislature (Signature)

\_\_\_\_\_  
(Printed Name)

**Component Package 1 Funding**

**Escalation Mitigation Strategy**

Kissick Construction	Lump Sum (See attached for additional narrative)	Trade Partner Cost
Design Contingency		\$ 10,118,488
Construction Contingency		\$ -
Escalation Allowance		\$ -
Owner Contingency		\$ -
Design		\$ -
GC's		\$ 11,081,596
Permits, Insurance		\$ 1,552,419
Fee		\$ 8,090,899
<b>Total</b>		\$ 31,506,535

\*Note - Component Package 1 does not include a complete foundation package. This package will be brought forward and introduced in a future Component Package 2B.  
 \*Note - Some numbers above are not all-inclusive of the full GMP pricing included in Exhibit 1 of the GMP.

Component Package 1 Funding	Escalation Mitigation Strategy
Kissick Construction	Kissick Construction (Lump-Sum) is responsible for the Earthwork Scope of Work and their Component Package 1 funding includes the entirety of their scope of work noted below: Erosion Control: \$424,927 Site Demolition: \$1,025,000 Wick Drain Installation: \$4,070,561 Earthwork (Early footings/foundations prep included): \$4,598,000
Component Package 2A Funding Reference Only Dollars not include in CP1	Escalation Mitigation Strategy
Enterprise Precast	Enterprise Precast (Lump-Sum) contract amount of \$17,674,402 includes the furnishing the architectural and structural precast, hollow-core and solid core roof members for the project. Scope of work includes project management, shop drawings/engineering, BIM coordination, materials (i.e. reinforcing steel, concrete, and conduit). This amount has been included in the funding of Component Package 2A.
Flynn Midwest	Flynn Midwest (Lump-Sum) is responsible for the roofing/sheet metal scope of work. Component package 2A funding includes the cost of \$5,955,715 in materials that would be stored in an insured warehouse in Kansas City. This is to help mitigate approx. \$1M in escalation. Materials to be purchased are singly ply TPO membrane, fasteners, accessories, insulation, etc. Excludes labor that will be added in a future component package.
Midland Marble and Granite	Midland Marble and Granite (Lump-Sum) is responsible for the tile scope of work in the amount of \$357,198. Their scope of work is included with Component Package 2A - Funding to capitalize on their Veteran Owned Business status, which greatly helps achieve the teams goals for VBE participation.
CML Security (DEC)	CML Security's (Lump-Sum) Component Package 2A - Funding amount is appropriated for billings after official award. CML would bill from Notice-to-Proceed until November for preconstruction services, project management, engineering services, and submittal development. CML would prepare to bill for \$2.7MM on Dec 2023 for detention hollow metal frames and doors as a result of preconstruction efforts that would be needed by Q1 of 2024.
Cornerstone/Axiom Detention (Modular Cells)	The Cornerstone/Axiom Detention, JV (Lump-Sum) is responsible for the pre-fabricated cell module scope of work. Component Package 2A Funding includes the following definable features of work: Shop Drawings/Engineering: \$730,000 Cornerstone General Conditions (Project management/temporary offices): \$565,000 Pre-Fab Site Setup/Equipment Mobilization: \$1,200,000 - Includes making pre-fab site ready for cell module production (i.e. working slabs) Onsite Mockup: \$300,000 - For product quality review/approval Mold fabrication, setup and begin cell module production: \$4,860,000 Interior Fitout/Finish Materials Procurement: \$1,870,000 - Materials include, detention hollow metal doors/frames, detention furniture, security fixtures (lights and plumbing), epoxy paint, etc.
American Fire Protection	American Fire Protection (GMP) is responsible for the Fire Protection scope of work and to lock in pricing and manage escalation American Fire Protection plans to procure/issue PO's for the following by the end of 2023 within the Component Package 2A funding: 14 Wet Systems 1 pre-action system 2 clean agent 3100' of Feed Main piping 500' of Piping into the blocks 6850' of main piping within the cell blocks 2672 heads within the cell/day-use areas 1851 heads in Hallways, Mechanical, BOH, Support, Court, facility areas 2500' of main piping in Hallways, Mechanical, BOH, Support, Court, facility areas
US Engineering	US Engineering (GMP) is responsible for the Mechanical (HVAC/Plumbing) Scope of Work. Their component package 2A funding includes the following definable features of work: USE General Conditions (Project management/temporary offices): \$548,559 Shop Drawings/Detailing/UG and Precast Module BIM Coordination: \$1,509,029 Fee: \$538,888 Permit: \$182,000 UG Piping: \$3,501,571 Drains and Piping: \$425,654 Precast Material (Security Bars): \$183,887 Mock-up for Precast Module/Seismic Planning: \$71,162 Temperature Controls (Subcontractor detailing/shop drawings): \$100,000 Long Lead Central Plant Equipment (Chillers, Boilers, Pumps): \$1,225,000 Plumbing Equipment: \$615,000 Security Plumbing Fixtures (non-modular locations): \$1,200,000 Long Lead Smoke Exhaust Fans and Louvers: \$1,900,000
Mark One Electric	Mark One Electric (GMP) is responsible for the Electrical Scope of Work and their Component Package 2A funding includes \$683,604 of labor per month for 3 months which includes detailing/shop drawings, UG coordination, BIM Coordination/modeling and also procurement of long lead equipment noted below. Early Procurement Quote: \$7,328,626 - Equipment slated for early procurement includes: Switchgear, paralleling gear, lights, lighting controls, emergency generators, UPS, Fire Alarm, wire/conduit, etc.

\*Note - some numbers above are not all-inclusive of the full GMP pricing included in Exhibit 1 of the GMP.

End Of Attachment A



Activity ID	Activity Name	Orig Dur	Start	Finish	2023												2024												2025							
					Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug
<b>Jackson County Detention Center</b>																																				
<b>Summary (Work Days)</b>																																				
SUM-1000	Overall Project Duration	727	21-Jun-22 A	25-Sep-25	Overall Project Dur																															
SUM-1510	Overall Design Duration	345	21-Jun-22 A	21-Feb-24	Overall Design Duration																															
SUM-2010	GMP Development Duration	90	21-Jun-22 A	14-Apr-23	GMP Development Duration																															
SUM-2020	JCMO Review & Submit Comments of GMP (Cal. Days)	60	14-Feb-23	14-Apr-23	JCMO Review & Submit Comments of GMP (Cal. Days)																															
CON-1370	GMP Jackson County Legislative Approval	0		20-Feb-23	GMP Jackson County Legislative Approval																															
CON-1380	GMP Approved by Jackson County	0		17-Apr-23	GMP Approved by Jackson County																															
JED-0100	Start Construction	0	17-Apr-23		Start Construction																															
SUM-2000	Overall Construction Duration	620	17-Apr-23	25-Sep-25	Overall Construction																															
JED-0200	Structure Complete	0		10-Oct-24	Structure Complete																															
JED-0300	Skin Weather Tight	0		31-Oct-24	Skin Weather Tight																															
JED-0400	Permanent Power Startup	0		25-Nov-24	Permanent Power Startup																															
JED-0500	Start Up HVAC	0		02-Dec-24	Start Up HVAC																															
SUM-1520	Planning for Transition into Facility	0	08-Apr-25		Planning for Transition into Facility																															
SUM-1530	Anticipated Weather Days - 0 / 77 Used	77	09-Jun-25	25-Sep-25	Anticipated Weath																															
JED-0600	Substantial Completion / Contract End Date	0		25-Sep-25*	Substantial Compl																															
SUM-1540	Final Move In / Transition	43	26-Sep-25	25-Nov-25	Final Mc																															
JED-0700	Project / Final Completion	0		25-Nov-25	Project /																															
SUM-1550	Final Move In / Transition Complete	0		25-Nov-25	Final Mc																															
<b>Preconstruction</b>																																				
<b>GMP - Component Package 1 &amp; 2A</b>																																				
OWN-2050	GMP - Component Package 1 & 2A Development	90	21-Jun-22 A	13-Feb-23	GMP - Component Package 1 & 2A Development																															
OWN-2060	Detailed Estimate w/ Trade Partner Input	20	24-Aug-22 A	06-Feb-23	Detailed Estimate w/ Trade Partner Input																															
OWN-2210	Legislation Prep	5	07-Feb-23	13-Feb-23	Legislation Prep																															
OWN-2010	GMP - Component Package 1 & 2A Submitted to JCMO	0		13-Feb-23	GMP - Component Package 1 & 2A Submitted to JCMO																															
SUM-2220	Release Long Lead Procurement	0		13-Feb-23	Release Long Lead Procurement																															
OWN-2020	JCMO Review & Submit Comments of GMP - Component Package 1 & 2A(Cal. Days)	60	14-Feb-23	14-Apr-23	JCMO Review & Submit Comments of GMP - Component Package 1 & 2A(Cal. Days)																															
OWN-2040	JED Incorporates JCMO GMP - Component Package 1 & 2A Comments	20	20-Mar-23	14-Apr-23	JED Incorporates JCMO GMP - Component Package 1 & 2A Comments																															
OWN-2030	GMP - Component Package 1 & 2A Approval by JCMO	0		17-Apr-23	GMP - Component Package 1 & 2A Approval by JCMO																															
<b>Procurement</b>																																				
PRO-1000	Long Lead MEP Procurement	180	17-Apr-23	02-Jan-24	Long Lead MEP Procurement																															
PRO-1070	Switchgear & Parallel Gears Procurement	400	17-Apr-23	11-Nov-24	Switchgear & Parallel Gears Procurement																															
PRO-1080	Generator Procurement	400	17-Apr-23	11-Nov-24	Generator Procurement																															
PRO-1090	RTU Procurement	240	17-Apr-23	27-Mar-24	RTU Procurement																															
PRO-1100	Chillers Procurement	240	17-Apr-23	27-Mar-24	Chillers Procurement																															
PRO-1110	Boilers Procurement	120	17-Apr-23	04-Oct-23	Boilers Procurement																															
PRO-1010	Foundations & U/G MEP Procurement	30	24-Oct-23	06-Dec-23	Foundations & U/G MEP Procurement																															
PRO-1030	Security Electronics & Controls Procurement	200	14-Dec-23	26-Sep-24	Security Electronics & Controls Procurement																															
PRO-1040	Structural Steel Procurement	100	14-Dec-23	06-May-24	Structural Steel Procurement																															
PRO-1020	Architectural Precast Procurement	70	29-Dec-23	08-Apr-24	Architectural Precast Procurement																															
PRO-1060	Roof Procurement	140	29-Dec-23	17-Jul-24	Roof Procurement																															
PRO-1050	Security Glazing Procurement	100	29-Dec-23	20-May-24	Security Glazing Procurement																															
<b>Precast Jail Cell Modules</b>																																				
PRE-1040	Preliminary Precast Module Submittals	30	17-Apr-23	26-May-23	Preliminary Precast Module Submittals																															
PRE-1041	Precast Module Submittal Review & Approval	10	30-May-23	12-Jun-23	Precast Module Submittal Review & Approval																															
PRE-7450	Cell Mockup Production	70	13-Jun-23	20-Sep-23	Cell Mockup Production																															
PRE-7410	Cell Mockup Review & Approval	1	21-Sep-23	21-Sep-23	Cell Mockup Review & Approval																															

Remaining Level of Effort    
  Remai...  
 Actual Level of Effort    
  Milesto...  
 Actual Work  
 Critical Remaining Work

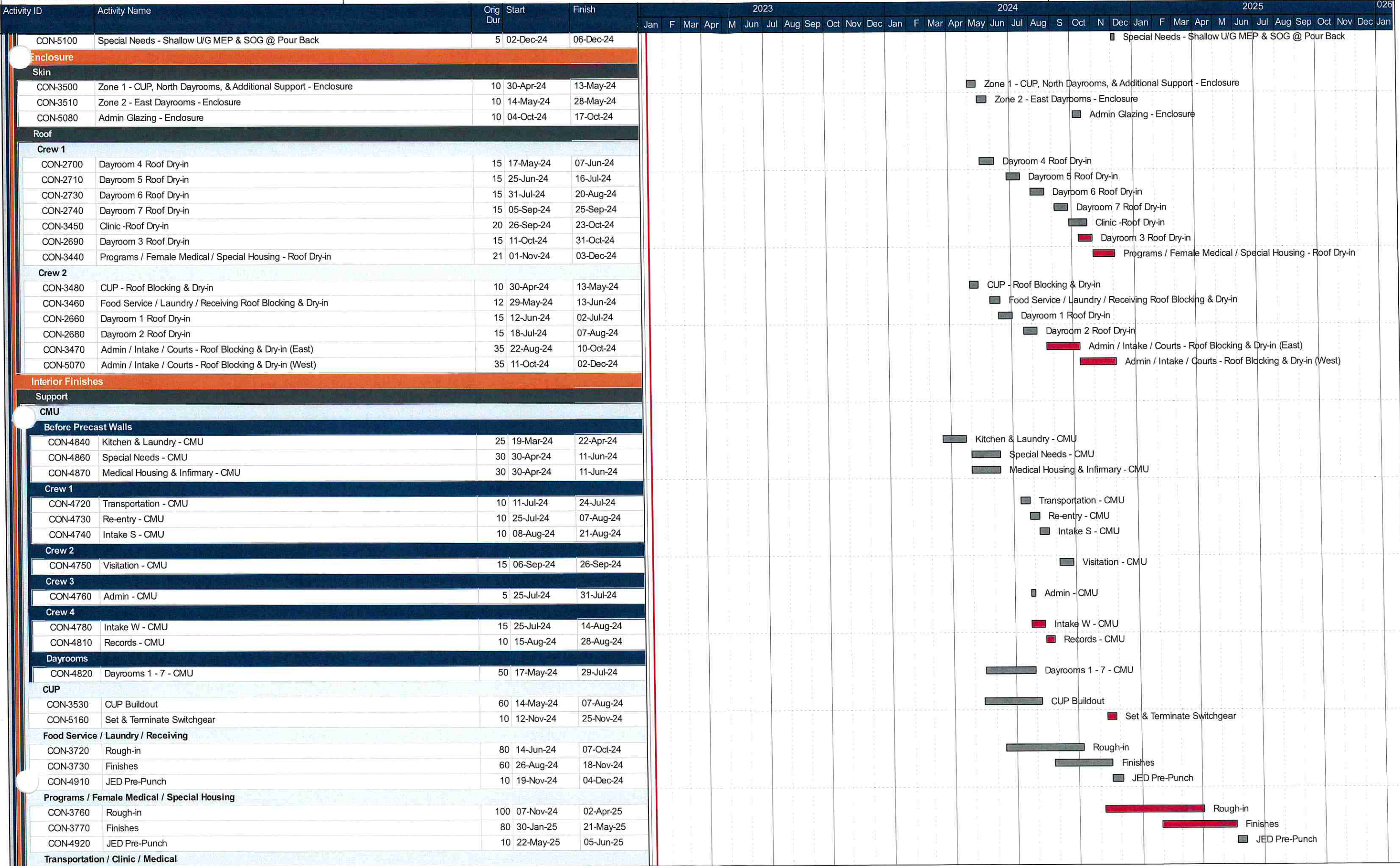
Run Date: 14-Mar-23

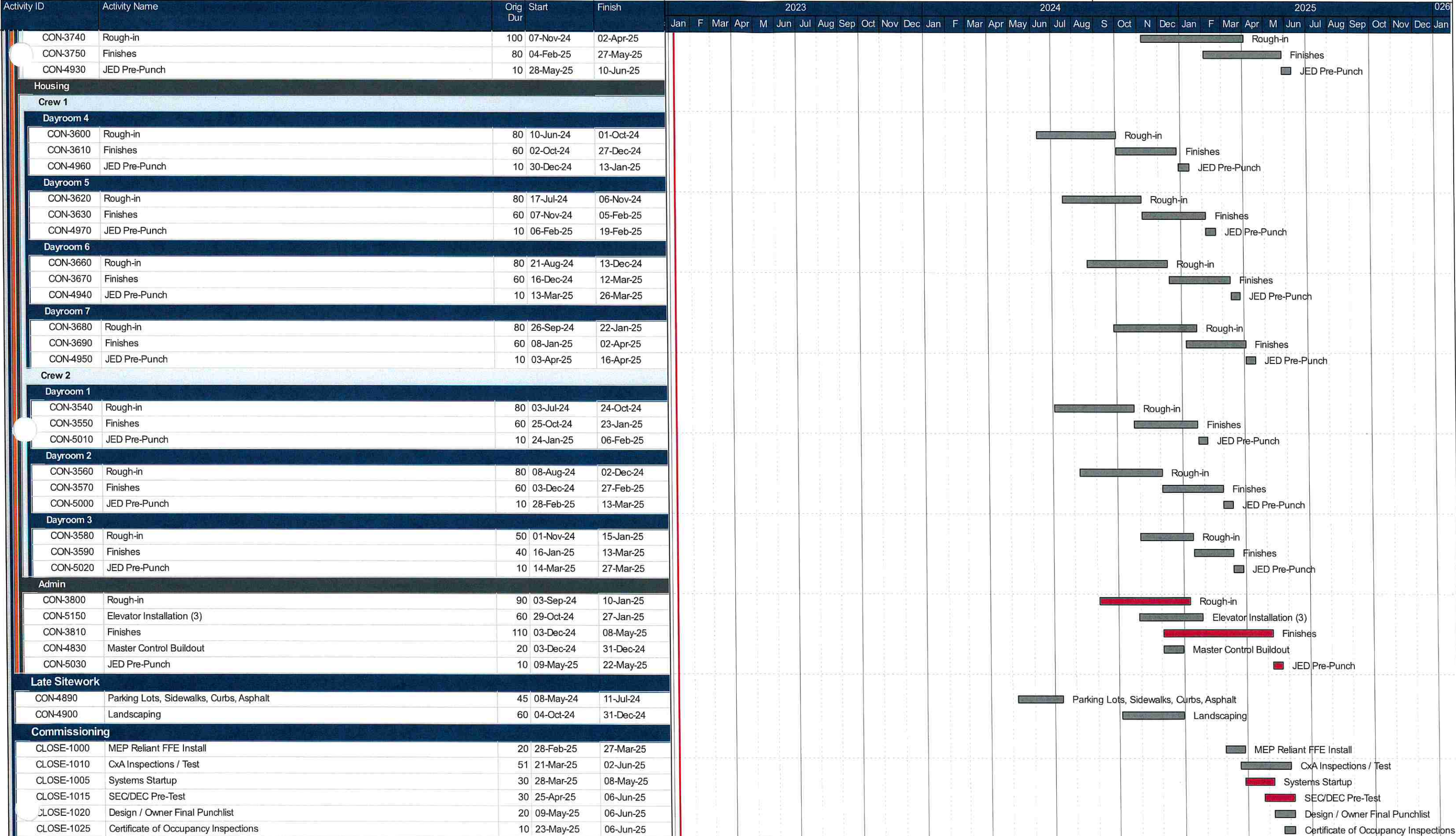
**Jackson County Detention Center**  
**JE Dunn Construction Company**  
**March 3rd-2023 GMP Schedule**



Activity ID	Activity Name	Orig Dur	Start	Finish	2023												2024												2025																							
					Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan											
PRE-7420	Precast Module Fabrication & Delivery	140	22-Sep-23	11-Apr-24	Precast Module Fabrication & Delivery																																															
PRE-7650	Precast Module QC/QA Plant Visit	1	05-Dec-23	05-Dec-23	Precast Module QC/QA Plant Visit																																															
PRE-7660	Precast Module QC/QA Plant Visit	1	16-Feb-24	16-Feb-24	Precast Module QC/QA Plant Visit																																															
PRE-7670	Precast Module QC/QA Plant Visit	1	11-Apr-24	11-Apr-24	Precast Module QC/QA Plant Visit																																															
PRE-7460	Initial Precast Cell Module Delivery	0	12-Apr-24		Initial Precast Cell Module Delivery																																															
<b>Construction</b>																																																				
<b>JCMO Design Approval</b>																																																				
OWN-5180N	Component Package 2B - Early Footings and Foundations Review	30	23-Aug-23	04-Oct-23	Component Package 2B - Early Footings and Foundations Review																																															
CON-5180	Component Package 2B - Early Footings and Foundations Review Approval (100% DDs)	0		11-Oct-23	Component Package 2B - Early Footings and Foundations Review Approval (100% DDs)																																															
OWN-1620	Component Package 2C Review (100% DDs)	30	24-Oct-23	06-Dec-23	Component Package 2C Review (100% DDs)																																															
OWN-1700	Component Package 2C - Structure & Skin, & Remaining Site Utilities Approval (100% DDs)	0		13-Dec-23	Component Package 2C - Structure & Skin, & Remaining Site Utilities Approval (100% DDs)																																															
OWN-1630	Component Package 3 Review (100% CDs)	30	03-Jan-24	14-Feb-24	Component Package 3 Review (100% CDs)																																															
OWN-1710	Component Package 3 - Finishes Approval (100% CDs)	0		21-Feb-24	Component Package 3 - Finishes Approval (100% CDs)																																															
<b>Design</b>																																																				
DSN-1000	Component Package 2C - Structure & Skin, Remaining Site Utilities (100% DDs)	100	17-Apr-23	06-Sep-23	Component Package 2C - Structure & Skin, Remaining Site Utilities (100% DDs)																																															
CON-5170N	Component Package 2B - Early Footings and Foundations	60	17-Apr-23	11-Jul-23	Component Package 2B - Early Footings and Foundations																																															
DSN-1030	Component Package 3 - Finishes (100% CDs)	80	07-Sep-23	02-Jan-24	Component Package 3 - Finishes (100% CDs)																																															
DSN-1020	Component Package 2C - JE Dunn Address & Incorporate Design Comments	3	07-Sep-23	11-Sep-23	Component Package 2C - JE Dunn Address & Incorporate Design Comments																																															
CON-5170	Component Package 2B - JE Dunn Address & Incorporate Comments (100% DDs)	5	05-Oct-23	11-Oct-23	Component Package 2B - JE Dunn Address & Incorporate Comments (100% DDs)																																															
DSN-1040	Component Package 2C - JE Dunn Address & Incorporate Comments (100% DDs)	5	07-Dec-23	13-Dec-23	Component Package 2C - JE Dunn Address & Incorporate Comments (100% DDs)																																															
DSN-1050	Component Package 3 - JE Dunn Address & Incorporate Comments (100% CDs)	5	15-Feb-24	21-Feb-24	Component Package 3 - JE Dunn Address & Incorporate Comments (100% CDs)																																															
<b>Permits</b>																																																				
PERMIT-1000	Land Disturbance and Private Grading Permit	25	21-Nov-22 A	20-Jan-23	Land Disturbance and Private Grading Permit																																															
PERMIT-1010	Land Disturbance and Private Grading Permit	0		20-Jan-23	Land Disturbance and Private Grading Permit																																															
PERMIT-1060	Early Footings and Foundations Permit	20	23-Aug-23	20-Sep-23	Early Footings and Foundations Permit																																															
PERMIT-1020	Structural Permit	20	14-Dec-23	12-Jan-24	Structural Permit																																															
PERMIT-1030	Structural Permits Received	0		12-Jan-24	Structural Permits Received																																															
PERMIT-1040	Building Permit	20	22-Feb-24	20-Mar-24	Building Permit																																															
PERMIT-1050	Building Permit Received	0		20-Mar-24	Building Permit Received																																															
<b>Trade Partner Buyout</b>																																																				
TPB-11001	Concrete Trade Partner Selection	30	12-Jul-23	22-Aug-23	Concrete Trade Partner Selection																																															
TPB-5170N	Precast Erection Trade Partner Selection	30	12-Sep-23	23-Oct-23	Precast Erection Trade Partner Selection																																															
TPB-1100	Enclosure Trade Partners Selection	20	14-Dec-23	12-Jan-24	Enclosure Trade Partners Selection																																															
TPB-1120	Remaining Trade Partners Selection	20	22-Feb-24	20-Mar-24	Remaining Trade Partners Selection																																															
<b>Early Sitework</b>																																																				
CON-2900	Clearing & Grubbing	15	13-Mar-23*	31-Mar-23	Clearing & Grubbing																																															
JED-00100	Clearing and Grubbing Complete ahead of Long Eared Bat Active Season	0		31-Mar-23	Clearing and Grubbing Complete ahead of Long Eared Bat Active Season																																															
CON-2890	Mobilization	5	17-Apr-23	21-Apr-23	Mobilization																																															
CON-5110	Drainage Blanket Aggregate Crushing	90	17-Apr-23	22-Aug-23	Drainage Blanket Aggregate Crushing																																															
CON-5130	Wick Drain Engineering & Submittals	15	17-Apr-23	05-May-23	Wick Drain Engineering & Submittals																																															
CON-5120	Erosion Control	5	24-Apr-23	28-Apr-23	Erosion Control																																															
CON-2910	Site Demolition	15	01-May-23	19-May-23	Site Demolition																																															
CON-2920	Drainage Blanket Aggregate Installation	45	22-May-23	25-Jul-23	Drainage Blanket Aggregate Installation																																															
CON-2960	Wick Drain System Installation	55	30-May-23	15-Aug-23	Wick Drain System Installation																																															
CON-2930	Site Fills - Building Pads & Surcharge Placement	45	13-Jun-23	15-Aug-23	Site Fills - Building Pads & Surcharge Placement																																															
CON-4880	Site Utilities	231	30-Jun-23	29-May-24	Site Utilities																																															
CON-2940	Surcharge Time (Cal. Days)	45	16-Aug-23	29-Sep-23	Surcharge Time (Cal. Days)																																															
CON-2950	Remaining Grading Site Fills	60	16-Aug-23	08-Nov-23	Remaining Grading Site Fills																																															
<b>U/G MEP &amp; FNDs</b>																																																				
<b>Crew 1</b>																																																				
CON-4220	2A CUP - U/G MEP & FNDs	30	14-Dec-23	29-Jan-24	2A CUP - U/G MEP & FNDs																																															
CON-4280	Food Service / Laundry - U/G MEP & FNDs	25	30-Jan-24	04-Mar-24	Food Service / Laundry - U/G MEP & FNDs																																															
CON-4200	North Medium / Min Housing (DR 1&2) - U/G MEP & FNDs	24	05-Mar-24	05-Apr-24	North Medium / Min Housing (DR 1&2) - U/G MEP & FNDs																																															
CON-4210	Orientation (DR 3) - U/G MEP & FNDs	19	08-Apr-24	02-May-24	Orientation (DR 3) - U/G MEP & FNDs																																															

Activity ID	Activity Name	Orig Dur	Start	Finish	2023												2024												2025											
					Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Crew 2</b>																																								
CON-4190	East Medium / Min Housing (DR 4-5) - U/G MEP & FNDs	20	21-Dec-23	22-Jan-24	■ East Medium / Min Housing (DR 4-5) - U/G MEP & FNDs																																			
CON-4360	East Medium / Min Housing (DR 6-7) - U/G MEP & FNDs	20	23-Jan-24	19-Feb-24	■ East Medium / Min Housing (DR 6-7) - U/G MEP & FNDs																																			
CON-4300	Clinic - U/G MEP & FNDs	30	20-Feb-24	01-Apr-24	■ Clinic - U/G MEP & FNDs																																			
CON-4290	Medical / Special Needs - U/G MEP & FNDs	30	05-Mar-24	15-Apr-24	■ Medical / Special Needs - U/G MEP & FNDs																																			
<b>Crew 3</b>																																								
CON-4350	Admin - U/G MEP & FNDs	50	30-Jan-24	08-Apr-24	■ Admin - U/G MEP & FNDs																																			
<b>Structure</b>																																								
<b>SOG</b>																																								
<b>Crew 1</b>																																								
CON-4600	2A CUP - SOG	5	30-Jan-24	05-Feb-24	■ 2A CUP - SOG																																			
CON-4380	East Medium / Min Housing (DR 4-5) - SOG	10	06-Feb-24	19-Feb-24	■ East Medium / Min Housing (DR 4-5) - SOG																																			
CON-4610	Food Service / Laundry - SOG	10	05-Mar-24	18-Mar-24	■ Food Service / Laundry - SOG																																			
CON-5140	Clinic - SOG	10	02-Apr-24	15-Apr-24	■ Clinic - SOG																																			
CON-4620	Medical / Special Needs - SOG	10	16-Apr-24	29-Apr-24	■ Medical / Special Needs - SOG																																			
CON-4450	East Medium / Min Housing (DR 6-7) - SOG	10	30-Apr-24	13-May-24	■ East Medium / Min Housing (DR 6-7) - SOG																																			
CON-4390	North Medium / Min Housing (DR 1&2) - SOG	15	14-May-24	04-Jun-24	■ North Medium / Min Housing (DR 1&2) - SOG																																			
CON-4400	Orientation (DR 3) - SOG	5	05-Jun-24	11-Jun-24	■ Orientation (DR 3) - SOG																																			
<b>Crew 2</b>																																								
CON-3410	Admin / Intake / Courts - Prep & Pour SOG	35	09-Apr-24	28-May-24	■ Admin / Intake / Courts - Prep & Pour SOG																																			
<b>Precast</b>																																								
<b>Crew A - Modules &amp; HC</b>																																								
CON-3950	Dayroom 4 - East Medium / Min Housing - Modules	5	12-Apr-24	18-Apr-24	■ Dayroom 4 - East Medium / Min Housing - Modules																																			
CON-4470	Dayrooms 4 East Medium / Minimum - Walls & HC	20	19-Apr-24	16-May-24	■ Dayrooms 4 East Medium / Minimum - Walls & HC																																			
CON-4630	Dayroom 5 - East Medium / Min Housing - Modules	5	17-May-24	23-May-24	■ Dayroom 5 - East Medium / Min Housing - Modules																																			
CON-4480	Dayrooms 5 East Medium / Minimum - Walls & HC	21	24-May-24	24-Jun-24	■ Dayrooms 5 East Medium / Minimum - Walls & HC																																			
CON-4170	Dayroom 6 - East Medium / Min Housing - Modules	5	25-Jun-24	01-Jul-24	■ Dayroom 6 - East Medium / Min Housing - Modules																																			
CON-4490	Dayrooms 6 East Medium / Minimum - Walls & HC	20	02-Jul-24	30-Jul-24	■ Dayrooms 6 East Medium / Minimum - Walls & HC																																			
CON-4640	Dayroom 7 - East Medium / Min Housing - Modules	5	31-Jul-24	06-Aug-24	■ Dayroom 7 - East Medium / Min Housing - Modules																																			
CON-4570	Dayrooms 7 East Medium / Minimum - Walls & HC	20	07-Aug-24	04-Sep-24	■ Dayrooms 7 East Medium / Minimum - Walls & HC																																			
CON-4070	Medical - Walls & HC	40	05-Sep-24	30-Oct-24	■ Medical - Walls & HC																																			
CON-5090	Special Needs - Walls & HC	20	31-Oct-24	27-Nov-24	■ Special Needs - Walls & HC																																			
<b>Crew B - Walls &amp; HC</b>																																								
CON-4460	2A CUP Precast Walls	15	09-Apr-24	29-Apr-24	■ 2A CUP Precast Walls																																			
CON-4060	Food Service / Laundry - Walls & HC	20	30-Apr-24	28-May-24	■ Food Service / Laundry - Walls & HC																																			
CON-3940	Dayrooms 1 - West Medium / Min Housing - Modules	5	05-Jun-24	11-Jun-24	■ Dayrooms 1 - West Medium / Min Housing - Modules																																			
CON-3960	Dayrooms 2 & 1 - East Medium / Min Housing - Modules	5	12-Jun-24	18-Jun-24	■ Dayrooms 2 & 1 - East Medium / Min Housing - Modules																																			
CON-4590	Dayrooms 2 - North Medium / Min Housing - Walls & HC	20	19-Jun-24	17-Jul-24	■ Dayrooms 2 - North Medium / Min Housing - Walls & HC																																			
CON-4510	Dayrooms 1 - North Medium / Min Housing - Walls & HC	20	18-Jul-24	14-Aug-24	■ Dayrooms 1 - North Medium / Min Housing - Walls & HC																																			
CON-4080	Clinic - Walls & HC	15	15-Aug-24	05-Sep-24	■ Clinic - Walls & HC																																			
CON-3970	Dayroom 3 - Orientation - Modules	5	06-Sep-24	12-Sep-24	■ Dayroom 3 - Orientation - Modules																																			
CON-4670	Dayroom 3 - Orientation - Walls & HC	20	13-Sep-24	10-Oct-24	■ Dayroom 3 - Orientation - Walls & HC																																			
<b>Crew C - Walls &amp; HC</b>																																								
CON-5060	Admin Precast Walls (East)	25	26-Jun-24	31-Jul-24	■ Admin Precast Walls (East)																																			
CON-4160	Admin Precast Walls (West)	45	01-Aug-24	03-Oct-24	■ Admin Precast Walls (West)																																			
<b>Steel</b>																																								
CON-3420	Admin / Intake / Courts - Structural Steel	40	29-May-24	24-Jul-24	■ Admin / Intake / Courts - Structural Steel																																			
<b>Pour Backs</b>																																								
CON-4530	Dayroom 4 - East Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back	5	19-Apr-24	25-Apr-24	■ Dayroom 4 - East Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back																																			
CON-4680	Dayroom 5 - East Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back	5	24-May-24	31-May-24	■ Dayroom 5 - East Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back																																			
CON-4550	Dayroom 1 - North Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back	5	19-Jun-24	25-Jun-24	■ Dayroom 1 - North Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back																																			
CON-4700	Dayroom 2 - North Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back	5	26-Jun-24	02-Jul-24	■ Dayroom 2 - North Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back																																			
CON-4560	Dayroom 3 - Orientation - Shallow U/G MEP & SOG @ Pour Back	5	13-Sep-24	19-Sep-24	■ Dayroom 3 - Orientation - Shallow U/G MEP & SOG @ Pour Back																																			
CON-4710	Medical - Shallow U/G MEP & SOG @ Pour Back	5	31-Oct-24	06-Nov-24	■ Medical - Shallow U/G MEP & SOG @ Pour Back																																			





End of Attachment B



# JACKSON COUNTY

## DETENTION CENTER

# GMP Amendment 1

**Guaranteed Maximum Price Contract Modification for**

**Project No. 7-22**

**Jackson County Detention Center Facility**

TO: Jackson County, Missouri

In accordance with Sections 1.1.6, 3.2.2, and 4.1 of the Design/Build Agreement dated May 19, 2022, Project No. 7-22, Jackson County Detention Center Facility the undersigned offers to provide all services, labor and material to perform in accordance with Contract Documents construction of the Project described in the Schematic Design Submittal set forth in Attachment A, Exhibit 2 as further clarified by the terms of this Amendment, including the Exhibits, prepared by DLR Group, inc., the Design Professional, and Design Development Documents and Construction Documents to be hereafter prepared by the Design Professional in accordance the Design/Build Agreement (the "Work"), for a Guaranteed Maximum Price \$ 301,162,067 .

The undersigned guarantees the Substantial Completion of the Work on or before September 25<sup>th</sup>, 2025.

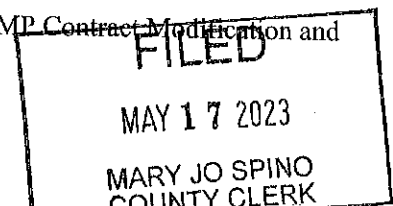
The undersigned guarantees the Final Completion of the Work on or before November 25<sup>th</sup>, 2025.

The Guaranteed Maximum Price of \$ 301,162,067 is comprised of the following components:

1. Estimated Cost of Work	\$284,977,620
2. Construction Contingency	\$ 3,517,372
3. Design Contingency	\$ 2,911,046
4. Design/Builder's Fee (based off of estimated cost of work only)	\$ 6,127,019
5. Design/Builder's Escalation Allowance	\$ 2,487,005
6. Owner Contingency	\$ 1,142,005
7. Design/Builder's Maximum General Conditions Costs As a Percentage of the Cost of Work	5.20%
TOTAL (Guaranteed Maximum Price)	\$301,162,067

The estimated Cost of Work includes the allowances listed in Attachment A, Exhibit 1. The estimated Cost of Work (but not the Design Builder's Contingency or Fee Percentage) is subject to increase to the extent Actual Cost for the Work covered by allowances exceed the amount set forth in Attachment A, Exhibit 1. In addition to the foregoing:

- a. The Guaranteed Maximum Price does not include the trades, Work categories, or other items listed on Attachment A, Exhibit 7 "Exclusions."
- b. The Contract Documents, including the list of Drawings and Specifications upon which the Guaranteed Maximum Price is based, are listed in the attached Attachment A, Exhibit 2.
- c. The Master Schedule upon which the Guaranteed Maximum Price is based is attached as Attachment A, Exhibit 4.
- d. The revised Project Budget, listing the items which comprise the Guaranteed Maximum Price, is attached as Attachment A, Exhibit 1.
- e. Attachment A, including Exhibits 1 through 12, are part of this proposed GMP Contract Modification and are incorporated herein by reference.



f. The Substantial Completion Date, Final Completion Date, and the Guaranteed Maximum Price set forth in this Contract Modification are subject to adjustment in the manner provided by the Design/Build Agreement.

This GMP Proposal is submitted as the proposed GMP Contract Modification pursuant to Article 4 of the Design/Build Agreement. The terms of the Design Build Agreement are incorporated herein by reference.

Upon acceptance of this GMP Proposal, Section 5.11 of Attachment B to the Agreement is modified to state: "The costs charged against the Design/Builder's contingency in accordance with Sections 8.1 and 8.2 of the Agreement."

The undersigned agrees that this GMP Proposal, as a Contract Modification, together with the Notice of Acceptance, is the Design/Builder's proposal for an amendment to the Design/Build Agreement for the performance by the undersigned of the Work for the above-stated compensation in accordance with the Master Schedule and to be completed by the Final Completion Date in accordance with the Contract Documents and shall constitute an amendment to the Design/Build Agreement by Contract Modification, if approved and agreed upon by the Owner.

In preparing the Guaranteed Maximum Price, the undersigned represents that it has visited the Site and familiarized itself with the conditions under which the Work described in the Contract Documents is to be performed and correlated our observations with the requirements of the Contract Documents.

DATED: March 17<sup>th</sup>, 2023.

J.E. DUNN – AXIOM, A JOINT VENTURE  
Design/Builder

  
By: \_\_\_\_\_

Name: Paul R. Neidlinger

Title: MW Region President

  
\_\_\_\_\_  
County Executive (Signature)

\_\_\_\_\_  
(Printed Name)

  
\_\_\_\_\_  
County Counselor (Signature)

\_\_\_\_\_  
(Printed Name)

  
\_\_\_\_\_  
Clerk of the County Legislature (Signature)

\_\_\_\_\_  
(Printed Name)





JE DUNN • AXIOM • DLR GROUP  
DESIGN-BUILD TEAM

March 14<sup>th</sup>, 2023

Mr. Troy Schulte  
Jackson County, Missouri  
415 E 12<sup>th</sup> Street  
Kansas City, MO 64106

Re: Jackson County Detention Center  
Guaranteed Maximum Price (GMP)

Dear Troy,

**Please see the attached updated GMP proposal, items of note that have been added/changed are Exhibit 3 Item 9 converting housing units into dorms savings amount and Exhibit 7 GMP Clarification items 12-15.**

We are pleased to tell Jackson County we have completed Interval 1 - Preconstruction and Interval 2 - Component Package 1 that resulted in Conceptual and Schematic Design documents. This has allowed us to tap the market and subsequently secure approximately 60% of the project GMP. In addition, due to the hard work of Jackson County, JCDC Partners and our team we have completed an exhaustive Value Engineering process that has concluded with a GMP totaling **\$301,162,067 (Three Hundred and One Million, One Hundred Sixty-Two Thousand, Sixty-Seven Dollars)** that includes 1,000 beds and the recommended changes included (Option #3). As communicated previously and due to unprecedented times, JE Dunn + Axium believes it to be necessary to combine portions of the three (3) component packages together and release trade partners early to combat unrealized escalation as defined in section 3.1.6.3 of the Design-Build Agreement. That breakout is included in this GMP deliverable along with other contractual GMP deliverables.

The following supporting documents have been reviewed by JCDC, the Owner's Representative, and are attached for your approval.

- Exhibit 1 - (3.2.2.4.3.2) GMP for Component Packages 1 (12 pages)
- Exhibit 2 – List of Drawings/Contract Documents (8 pages)
- Exhibit 3 – Approved Value Engineering Path (1 page)
- Exhibit 4 - (3.2.2.4.3.1) Master Schedule (5 pages)
- Exhibit 5 – Sequence Map (1 page)
- Exhibit 6 – Logistics Plan (1 page)
- Exhibit 7 - GMP Clarifications (10 pages)
- Exhibit 8 - (3.2.2.4) Includes Deviations from Design Criteria Package – Criteria Modification Log (11 pages)
- Exhibit 9 - (3.2.2.2.4.4) Workforce Plan (1 page)
- Exhibit 10 - (3.2.2.4.6) Contractor Utilization Plan/MWBE Strategy (7 pages)
- Exhibit 11 – JCDC Systems Matrix (5 pages)
- Exhibit 12 - HVAC Lifecycle Analysis (26 pages)

JE DUNN • AXIOM • DLR GROUP  
DESIGN-BUILD TEAM

In order to hold trade partner (subcontractor) pricing reflected in this GMP proposal, Jackson County approval is needed no later than April 17<sup>th</sup>, 2023.

Upon receiving written approval of this GMP proposal JE Dunn + Axiom will forward the formal contract amendment for execution, obtaining insurance, procure payment and performance bonds, begin issuing subcontracts to our trade partners, and begin onsite mobilization.

Sincerely,



Jeff Jenkins  
Project Director, JE Dunn + Axiom

- Cc: Vance McMillan, JE Dunn + Axiom  
Daniel Felder, JE Dunn + Axiom  
Brian Dietz, JE Dunn + Axiom  
Paul Neidlein, JE Dunn + Axiom  
Rob Cleavinger, JE Dunn + Axiom  
Tom Bartelli, JE Dunn + Axiom  
Nick Tuggle, JE Dunn + Axiom  
Martin Berglund, DLR Group  
Dan Wehmueller, JCDC Partners  
Dan Musser, JCDC Partners  
Rick Davidson, JCDC Partners  
Cameron Glass, JCDC Partners  
Babette Macy, JCDC Partners

Jackson County, Missouri



County Executive (Signature)

\_\_\_\_\_  
(Printed Name)



County Counselor (Signature)

\_\_\_\_\_  
(Printed Name)



Clerk of the County Legislature (Signature)

\_\_\_\_\_  
(Printed Name)

**Jackson County Detention Center**  
**Kansas City, Missouri**  
**March 3, 2023**  
SD 12



**Construction Cost Summary**  
**Option #3 Incorporated (Total of 1,000 Beds)**

<i>Description</i>	<i>Quantity</i>	<i>Cost</i>	<i>Unit Cost</i>
Design	398,619 NSF	19,540,695	49.02
Mass Excavation-Early Site Fill	398,619 NSF	11,253,283	28.23
Sitework	41 Acres +/-	8,480,988	207,528
Jail Building	398,619 SF	251,829,673	631.76
LEED Premium Allowance	398,619 NSF	Excluded	0.00
FF&E Allowance	398,619 NSF	Excluded	0.00
<b>Construction Subtotal</b>	<b>398,619 SF</b>	<b>291,104,639</b>	<b>\$730.28</b>
Design Contingency		2,911,046	7.30
Construction Contingency		3,517,372	8.82
Escalation Allowance		2,487,005	6.24
Owner Contingency		1,142,005	2.86
<b>Total Construction Cost</b>	<b>398,619 SF</b>	<b>\$301,162,067</b>	<b>\$755.51</b>

**Jackson County Detention Center**  
**Kansas City, Missouri**  
**March 3, 2023**  
 SD 12



**Design**  
**398,619 SF**

Item	Description	Unit	Quantity	Unit Price	Cost	Cost/SF	Note
01 00 00	General Conditions				1,016,116		
01 15 00	Design	LS	1	17,570,187	17,570,187		
	Subtotal				18,586,303	46.63	
	Permits and Insurance				543,110		
	Fee				411,282		
	<b>Total</b>				<b>\$19,540,695</b>	<b>\$49.02</b>	

Jackson County Detention Center  
 Kansas City, Missouri  
 March 3, 2023  
 SD 12



**Mass Excavation-Early Site Fill**  
**398,619 SF**

Item	Description	Unit	TP	Esc	PH	Quantity	Unit Price	Cost	Cost/SF	Note
01 00 00	General Conditions							585,171		
31 20 00	Subc-Earthwork/Wick Drains	LS	V	E	mex	1	10,118,488	10,118,488		
	Subtotal							10,703,659	26.85	
	Permits and Insurance							312,771		
	Fee							236,853		
	<b>Total</b>							<b>\$11,253,283</b>	<b>\$28.23</b>	

**Jackson County Detention Center**  
**Kansas City, Missouri**  
**March 3, 2023**  
SD 12



### Sitework

Item	Description	Cost
1	General Conditions	441,011
2	Excavation and Grading	112,340
3	Asphalt Paving	1,690,448
4	Concrete Work	2,113,094
5	Site Structures	0
6	Fencing	452,000
7	Specialty Paving	47,178
8	Signage and Striping	52,427
9	Site Specialties	18,492
10	Site Utilities	2,432,041
11	Storm Drainage Systems	0
12	Fire Protection	0
13	Landscaping and Irrigation	707,734
14	Electrical	0
	Subtotal	8,066,766
	Permits and Insurance	235,719
	Fee	178,503
	<b>Total</b>	<b>\$8,480,988</b>

Item	Description	Unit	TP	Esc	Ph	Quantity	Price	Amount	QuantF	Note
<b>Excavation and Grading</b>										
31 20 00	Temporary Erosion Control	AC			fdn	40.87	1,644	67,183		
01 10 00	Temporary Roads and Parking	SF			fdn	27,023	0.72	19,534		6" Thick
01 10 00	6' Temp Fencing - Sand Bags	LF			fdn	2,400	10.68	25,624		2 EA Gates
	Total							112,340		
<b>3 Asphalt Paving</b>										
32 13 00	Subc Asphalt	LS	B		fin	1	1,690,448	1,690,448		
	Total							1,690,448		
<b>4 Concrete Work</b>										
32 13 00	24"Ø Camera Pole Bases	EA			fin	6	1,017	6,101		
32 13 00	Subc- Site Concrete	LS	T	E	fin	1	1,962,345	1,962,345		
32 13 00	Misc Site Concrete	LS			fin	1	3,125	3,125		
01 10 00	Site Layout and Misc Cleanup	DA			fin	92	1,543	141,524		
	Total							2,113,094		
<b>5 Site Structures</b>										
32 32 00	Subc-Concrete Retaining Walls	SF	T	E	fin	2,681	0.00	0		
	Total							0		
<b>Fencing</b>										
32 31 00	Subc Fence	LS	B		fin	1	452,000	452,000		Use 10% annually
	Total							452,000		
<b>7 Specialty Paving</b>										
32 14 00	Limestone Pavers, 1"	SF			fin	2,200	21.44	47,178		
	Total							47,178		
<b>8 Signage and Striping</b>										
10 10 00	Monument Sign	LS			fin	1	40,000	40,000		
10 14 00	Misc Signage	EA			fin	44	280.22	12,427		
	Total							52,427		
<b>9 Site Specialties</b>										
32 33 00	Site Furniture Allowance	LS			fin	1	10,000	10,000		
10 75 00	Flagpoles	EA			fin	2	4,246	8,492		
	Total							18,492		
<b>10 Site Utilities</b>										
33 00 00	Auger Monster-Pit	LS			fdn	2	75,000	150,000		
33 00 00	Subc Site Utility	LS	B	A	fdn	1	2,282,041	2,282,041		
	Total							2,432,041		
<b>11 Storm Drainage Systems</b>										
	Total							0		

Item	Description	Unit	TP	Esc	Ph	Quantity	Price	Amount	QuantF	Note
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**12 Fire Protection**

Total 0

**13 Landscaping and Irrigation**

32 90 00	Synth Turf-Courtyards	LS	B		fin	1	49,650	49,650			
32 90 00	Maint. Watering	MO	B		fin	3	3,500	10,500			
32 90 00	Subc Landscape	LS	B		fin	1	647,584	647,584			
Total								707,734			

**14 Electrical**

Total 0



**Jackson County Detention Center**  
**Kansas City, Missouri**  
**March 3, 2023**  
 SD 12



**Jail Building**  
**398,619 SF**

Item	Description	Cost	Cost/SF
1	General Conditions	13,095,143	32.85
2	Demolition	0	0.00
3	Excavation	37,387	0.09
4	Structure	49,537,179	124.27
5	Enclosure	92,500	0.23
6	Rough Carpentry	0	0.00
7	Finish Carpentry	3,684,595	9.24
8	Roofing and Sheet Metal	9,460,033	23.73
9	Moisture Protection	3,753,160	9.42
10	Doors and Hardware	2,810,283	7.05
11	Glass and Glazing	1,635,969	4.10
12	Interior Partitions	15,526,029	38.95
13	Stone and Tile	365,057	0.92
14	Ceilings and Acoustic	0	0.00
15	Flooring	2,410,235	6.05
16	Painting	2,962,801	7.43
17	Specialties	1,274,736	3.20
18	Equipment and Furnishings	21,724,040	54.50
19	Special Construction	18,889,854	47.39
20	Elevators	298,500	0.75
21	Fire Protection	3,097,297	7.77
22	Plumbing	0	0.00
23	HVAC Systems	49,372,434	123.86
24	Electrical	39,502,764	99.10
	Subtotal	239,529,995	600.90
	Permits and Insurance	6,999,298	17.56
	Fee	5,300,380	13.30
	<b>Total</b>	<b>\$251,829,673</b>	<b>\$631.76</b>

Skin/Floor Area Ratio 53%  
 Glass/Skin Area Ratio 4%

Total Skin Cost, Contact Area \$8.19 /SF  
 Skin Cost, Bldg Area \$4.34 /SF

Item	Description	Unit	TP	Esc	Ph	Quantity	Price	Amount	QuantF	Prod
<b>2 Demolition</b>										
	Total							0		\$0.00
<b>3 Excavation</b>										
31 23 00	Perim First Foundation Drains	LF			fdn	3,442	10.86	37,387		
	Total							37,387		\$0.09
<b>4 Structure</b>										
05 50 00	Interior Storefront Supports	LF			stru	118	170.41	20,109		
05 45 00	Operable Wall & Fold Part Spts	LF			stru	72	137.15	9,875		
05 50 00	Other Miscellaneous Steel	TN			stru	15	10,987	166,611	0.08 #/SF	
07 95 00	Expansion Joint Covers	LF			stru	2,837	148.62	421,640		
	<b>Fireproofing</b>								\$0.79/SF	
07 80 00	Subc Fireproofing	LS	B	E	stru	1	318,000	318,000		
	<b>Light Gauge Structure</b>									
	<b>General Items</b>									
01 10 00	Layout and Cleanup	SF			stru	404,367	0.50	201,736		
03 32 00	Weather Conditions	%			stru	2.00%	14,249,918	284,998		
	<b>Trade Partner Estimates</b>									
03 31 00	Concrete Foundations Estimate	LS	T	E	fdn	1	14,249,918	14,249,918		
03 45 00	PC Matl Sub Est (Enterprise)	LS	V	E	stru	1	17,674,402	17,674,402		
03 41 00	PC Erect Sub Est	LS	T	E	stru	1	6,477,249	6,477,249		
05 12 00	Steel StructSub Estimate	LS	B		stru	1	3,917,686	3,917,686		
07 15 00	Struct Misc Steel	LS	B	E	stru	1	2,230,266	2,230,266		No
07 00 00	Misc Steel Erection and Hoistin	LS	T	E	stru	1	3,564,689	3,564,689		No
	Total							49,537,179		\$122.51
<b>5 Enclosure</b>										
01 10 00	Building Skin Review	LS			encl	1	10,000	10,000		
01 10 00	Enclosure Mockup w/ Punch W	SF			encl	300	275.00	82,500	20.00' Wide	15.00' Tall
	Total							92,500		\$0.23
<b>6 Rough Carpentry</b>										
	Total							0		\$0.00
<b>7 Finish Carpentry</b>										
06 20 00	6" Chair Rail, One Piece	LF			fin	221	15.00	3,315		
06 20 00	Genl Carp Trade Pkg	LS	B	A	fin	1	2,139,575	2,139,575		
06 20 00	Subc Millwork	LS	B	A	fin	1	1,541,705	1,541,705		
	Total							3,684,595		\$9.11
<b>8 Roofing and Sheet Metal</b>										
07 50 00	Roof Walkway Pads	LF	V	E	encl	7,000	35.00	245,000	15% Roof	Carey Tread
07 60 00	Misc Items	LS			encl	1	15,960	15,960		
07 50 00	Subc Roof (Flynn)	LS	V	E	encl	1	8,564,353	8,564,353		\$27.74
07 2 00	Subc Metal Panels	LS	B	E	encl	1	634,720	634,720		\$2.06
	Total							9,460,033		\$23.39
<b>9 Moisture Protection</b>										
07 84 00	Pen./Slab Edge FireStop	LS	B		encl	1	1,876,160	1,876,160		
07 90 00	Subc-Sealants	LS	B	E	encl	1	1,877,000	1,877,000		

Item	Description	Unit	TP	Esc	Ph	Quantity	Price	Amount	QuantF	Prod
Total								3,753,160	\$9.28	
<b>10 Doors and Hardware</b>										
08 30 00	Access Panels, 24"x24"	EA			fin	30	309.42	9,283		
08 30 00	Coiling Overhead Door	EA			fin	17	4,000	68,000	4.00' Wide	4.00' Tall
08 30 00	Elec Coiling Dr, Shutter or Grill	EA			fin	4	22,800	91,200	10.00' Wide	12.00' Tall
08 30 00	Elec Coiling Dr, Shutter or Grill	EA			fin	2	18,050	36,100	8.00' Wide	10.00' Tall
08 10 00	Subc Door Supply	LS	B	A	fin	1	2,605,700	2,605,700	Furnish Only	
Total								2,810,283	\$6.95	
<b>11 Glass and Glazing</b>										
08 40 10	Sheet Mirrors	SF			fin	568	15.45	8,776	3.00' Wide	4.00' Tall
08 40 10	Glaze Sidelites	SF	U		fin	3,374	25.00	84,351	14 SF 1/4" Glass	
08 40 10	Prem. Fire Rating @ Glaze Sid	SF	U		fin	384	275.63	105,840	49 SF 1/4" Glass	
08 40 10	Door Lites and Misc Glazing	EA	U		fin	454	195.00	88,481	75% Doors	2.50 SF
08 40 10	Prem.-Fire Rated Glass Borrov	EA	U		fin	96	180.00	17,325	1 HR Rated	
01 10 00	Enclosure Curtainwall Mockup	SF			encl	60	30.00	1,800	6.00' Wide	6.00' Tall
08 40 00	Subc Glass	LS	B	A	encl	1	1,329,396	1,329,396	No	
Total								1,635,969	\$4.05	
<b>12 Interior Partitions</b>										
01 10 00	Layout and Cleanup	SF			fin	404,367	1.30	524,512		
01 10 00	Temp Conditioning Interiors	SF			fin	404,367	0.54	216,842		
04 20 10	Interior Masonry Sub Estimate	LS	T	E	fin	1	9,867,836	9,867,836		
09 20 00	Subc Drywall	LS	B	E	fin	1	4,916,839	4,916,839		
Total								15,526,029	\$38.40	
<b>13 Stone and Tile</b>										
09 30 00	Break Room Tile	SF			fin	648	12.13	7,859	\$4.00 Mat'l	0% Area
09 30 00	Sub Tile-MMG (V)	LS	B		fin	1	357,198	357,198	No	
Total								365,057	\$0.90	
<b>14 Ceilings and Acoustic</b>										
Total								0	\$0.00	
<b>15 Flooring</b>										
09 67 00	Subc Spec/Res Ctgs	LS	B		fin	1	1,199,160	1,199,160	1% Area	
06 20 00	Stain Grade Wood Base	LF			fin	1,285	30.99	39,824	12" High	2% Base
09 60 00	Stainless Steel Base	LF			fin	305	20.96	6,392	4" High	0% Base
09 60 00	Floor Protection	SF			fin	18,213	4.22	76,807	15% Area	
09 60 00	Subc Cpt/Vnyl-Moisture Mitigat	SF	B		fin	79,006	6.00	474,036	27% Area	
09 60 00	Subc Resinous-Moisture Mitiga	LS	B	E	fin	1	61,756	61,756	22% Area	
09 60 00	Subc Flooring	LS	B		fin	1	552,260	552,260		
Total								2,410,235	\$5.96	
<b>16 Painting</b>										
01 10 00	Punchlist	SF			fin	404,367	0.49	200,147	160 SF/LH	
01 74 23	Final Cleanup	LS	B		fin	1	471,194	471,194	80 SF/LH	
09 90 00	Painting Sub Estimate	LS	B	A	fin	1	2,291,460	2,291,460		
Total								2,962,801	\$7.33	
<b>17 Specialties</b>										
10 14 00	Signage and Directories	LS			fin	1	12,000	12,000		
10 14 00	Bldg Ext Sign	EA			fin	1	30,000	30,000		
10 14 00	Door Signs	EA			fin	433	61.28	26,536		

Item	Description	Unit	TP	Esc	Ph	Quantity	Price	Amount	QuantF	Prod
10 14 00	Plaque-County Seal	EA			fin	4	7,500	30,000		
10 21 23	Cubicle Tracks	LF			fin	600	6.00	3,600	20 LF/EA	
10 21 23	Cubicle Curtains	EA			fin	30	100.00	3,000		
10 22 00	Operable Walls	SF	B		fin	792	121.02	95,846	72 LF	11.0' High
10 22 13	Wire Mesh Partitions, 10 Gaug	SF			fin	1,455	38.30	55,726	16.0' High	2x1 Woven W
10 26 00	FRP Handrails	LF			fin	821	36.34	29,836		
10 26 00	FRP Wall Protection	SF			fin	4,105	6.86	28,148	2% Wall	4.0' High
10 26 00	36" SS Corner Guards	EA			fin	500	88.28	44,142		
10 40 00	Detention Fire Extinguishers ar	EA			fin	82	1,155	94,710		
10 51 00	Spa.# 8.125 Lockers, 18"x18"x	EA			fin	32	574.16	18,373	\$450 Mat'l	Clinic Staff
10 51 00	Spa.# 1.109 Lockers, 12"x18"x	EA			fin	20	274.16	5,483	\$200 Mat'l	Lobby Public L
10 51 00	Spa.# 9.102 Inmate Stor. Cubt	EA			fin	24	274.16	6,580	\$200 Mat'l	Laundry/Fd Se
10 51 00	Staff Lockers w/ Bench , 18"W:	EA			fin	204	2,755	562,016	\$2,125 Mat'l	
10 21 00	Tlt Partition-Phenolic	EA			fin	17	1,000	17,000	\$1,000 Mat'l	
10 21 00	Inmate changing stall	EA			fin	6	1,859	11,152	\$1,250 Mat'l	
10 00 00	Subc Specialties/ Toilet Access	LS			fin	1	200,588	200,588		
Total								1,274,736	\$3.15	

**18 Equipment and Furnishings**

11 13 00	Subc Dock	LS	B		fin	1	48,913	48,913		
11 21 73	Subc Laundry	EA	B		fin	1	281,722	281,722		Capacity
11 40 00	Subc Food Equipment	LS	B	E	fin	1	2,440,990	2,440,990		
11 66 00	Basketball Goals, Fixed	EA			fin	18	4,341	78,130		
11 66 00	Rope Climb	EA			fin	18	2,541	45,730		
11 66 00	Chin Up Bar	EA			fin	18	1,941	34,930		
11 66 00	Climbing Pegboard	EA			fin	18	3,141	56,530		
11 66 00	Wall Padding	SF			fin	640	15.86	10,148	20.00' Wide	8.00' Tall
11 98 00	Add Cargo Netting	SF			fin	13395	8.09	108,317		
11 00 00	Four Fold Hyd Det Drs	EA	B	E	fin	2	202,107	404,213		
11 98 00	Detention Subcontractor Estim:	LS	V	E	fin	1	18,057,550	18,057,550		
12 20 00	Manual Meccho Shades	SF	B		fin	8,267	10.71	88,569		
12 60 00	Fixed Jury Chairs	EA			fin	13	1,570	20,413	\$1,000 Mat'l	
12 40 00	Entrance Mat & Frames	SF			fin	573	83.57	47,886		
Total								21,724,040	\$53.72	

**19 Special Construction**

13 42 00	Matl-Cell Modules (Cells)	EA	V	E	stru	296	52,506	15,541,883		
13 42 00	Matl-Shwr/Unfin Modules (Cells)	EA	V	E	stru	41	52,506	2,152,761		
13 42 10	Install-Cell Modules (Modules)	EA	T	E	stru	273	4,378	1,195,210		
Total								18,889,854	\$46.71	

**20 Elevators**

14 20 00	Subc Elevator	LS	B	E	fin	1	298,500	298,500		
Total								298,500	\$0.74	

**21 Fire Protection**

21 00 00	Fire Prot. Estimate (Amer Fire)	GMP	V	E	mep	1	3,097,297	3,097,297	\$7.66	
Total								3,097,297	\$7.66	

**22 Plumbing**

Total								w/HVAC	0	\$0.00
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**23 HVAC Systems**

23 00 00	HVAC Estimate-USE	GMP	V	E	mep	1	49,372,434	49,372,434	\$122.10	
Total								49,372,434	\$122.10	

Item	Description	Unit	TP	Esc	Ph	Quantity	Price	Amount	QuantF	Prod
<b>24</b>	<b>Electrical</b>									
01 10 00	Temporary Power Bills	MO	V	E	encl	24	3,360	80,640		/Month
26 00 00	Electrical Estimate	GMP	V	E	mep	1	25,656,074	25,656,074	\$63.45	/SF
28 00 00	Sec Elect. Estimate	LS	V	E	mep	1	13,766,050	13,766,050	\$34.04	/SF
Total								39,502,764	<b>\$97.69</b>	



Risk/TP Type	Proj Phase	Scope of Work	BP#	Teamed Trade Partners	Bids/Budgets	Qty of Bids	Scope Hold (In Bids)	Contingency	Trade Partner Escalation (Incl)	Escalation Allowance Applied to Non-Escalated Budgets
		GRs/ GCs			15,137,441	NA			Included	
		Design			17,570,187	NA			Included	
B	fin	Final Cleaning	124A		471,194	2		14,884	3.2%	
T	fdn	CIP Concrete			14,249,918	1		150,044	1.1%	42,612
T	stru	Precast Concrete Erection			6,477,249	1		68,202	1.1%	9.0%
V	stru	Precast Concrete Materials- Structure	3M	Enterprise Precast	17,674,402	2		186,102	1.1%	
T	fin	CMU Masonry			9,867,836	1		103,903	1.1%	
B	stru	Structural steel	5B		3,917,686	2		123,753	3.2%	281,306
B	stru	Misc. Steel- Steel Structure	5B		2,230,266	1		70,450	3.2%	7.2%
T	stru	Misc. Steel- Precast Structure			3,564,889	1		37,534	1.1%	
B	fin	General Carp-Install	6E		2,139,575	4		67,586	3.2%	
B	fin	Finished Carpentry Supply	6E		1,541,705	1		48,700	3.2%	193,469
V	encl	Membrane Roofing	7G	Flynn Midwest	9,809,353	3		92,759	1.1%	9.0%
B	encl	Metal Wall and Roof Panels	7E		634,720	3		20,050	3.2%	
B	encl	Joint Sealants/Rated Sealants	7I		1,877,000	3		59,291	3.2%	18,335
B	encl	Penetration Firestopping	7I		1,876,160	1		59,265	3.2%	139,037
B	stru	Spray Applied Fireproofing	07H		318,000	2		10,045	3.2%	205,143
B	fin	Comm. Doors, Frames & Hdwr Supply	8C		2,605,700	3		82,310	3.2%	10.9%
B	fin	Four-Fold Doors	8F		404,213	2		12,768	3.2%	235,642
B	encl	Glass & Glazing	8G		1,329,396	3		41,993	3.2%	9.0%
U	fin	Interior Borrowed Light Glazing			295,997	1		10,908	3.7%	145,359
B	fin	Tile	9C	Midland Marble and Granite	357,198	2		11,283	3.2%	26,768
B	fin	Drywall	9A		4,916,839	3		155,315	3.2%	9.0%
B	fin	Flooring	9H		1,026,296	2		32,419	3.2%	92,811
B	fin	Resinous/ Special Coatings	9I		1,260,916	3		39,830	3.2%	114,029
B	fin	Painting and Floor Sealer	9B		2,291,460	2		72,383	3.2%	9.0%
B	fin	Operable Partitions			95,846	3		3,028	3.2%	8,668
B	fin	Laundry Equipment	11K		281,722	2		8,899	3.2%	25,477
V	fin	Detention Equipment	11B	CML Security	18,057,550	2	0	190,136	1.1%	9.0%
B	fin	Food Service Equipment	11C		2,440,990	1		77,107	3.2%	
B	fin	Dock Equipment			48,913	1		1,545	3.2%	4,423
B	fin	Roller Window Shades	12C		88,569	3		2,798	3.2%	8,010
V	stru	Modular Cells Materials	11A	Cornerstone Detention	17,694,644	3		186,315	1.1%	
T	stru	Modular Cells Erection			1,195,210	1		12,585	1.1%	20,885
B	fin	Elevators	14A		298,500	4		9,429	3.2%	1.7%
V	mep	Fire Protection		American Fire Protection	3,097,297	4		32,613	1.1%	
V	mep	Plumbing			with/ HVAC	3				
V	mep	HVAC		US Engineering	49,372,434	2	1,000,000	519,865	1.1%	
V	encl	Temporary Power			80,640	1		849	1.1%	
V	mep	Electrical		Mark One Electric	25,856,074	4	0	270,144	1.1%	
V	mep	Security Electronics	28A	Cornerstone Detention	13,766,050	4	0	144,949	1.1%	
I	fdn	Misc. Foundations			37,387	NA		1,575	4.2%	1,322
I	stru	Misc. Structural Items			1,104,969	NA		46,539	4.2%	79,341
I	encl	Misc. Enclosure Items			110,260	NA		4,644	4.2%	12,056
I	fin	Misc. Finishes & Arch Specialties			2,870,030	NA		120,879	4.2%	259,547
V	mex	Mass Excavation		Kissick Construction	10,118,488	5		106,542	1.1%	
T	fin	Site Concrete			1,962,345	1		20,862	1.1%	137,971
B	fin	Asphalt	32A		1,690,448	4		53,388	3.2%	7.0%
B	fin	Fence	32H		452,000	2		14,278	3.2%	152,873
B	fin	Synthetic Turf			49,650	1		1,568	3.2%	40,876
B	fin	Landscape/ Irrigation	32G		658,084	3		20,788	3.2%	4,490
B	fdn	Site Utilities	33A		2,282,041	5		72,086	3.2%	59,513
I	fdn	Site Structures			262,340	NA		11,049	4.2%	80,710
I	fin	Site Specialties/ Signage			268,846	NA		11,323	4.2%	9,278
		Permits, Bonds, Insurance			8,090,898	NA				24,313
		Fee			6,127,019	NA			Included	

Legend  
 T= Budgets Prepared by JE Dunn Self Perform  
 V= Teamed-Best Value Trade Partner  
 B=Budget From Trade Partner  
 U=Unit Price form Trade Partner  
 I=Internal Estimate

Subtotal 291,104,639

Design Contingency 2,911,046  
 Construction Contingency 3,517,372  
 Escalation Allowance 2,487,005  
 Owner Contingency 1,142,005

Total Design & Construction Cost \$301,162,067

Scope Hold (In Bids) 1,000,000  
 Contingency 3,517,372  
 Trade Partner Escalation (Incl) 2,722,359  
 Escalation Allowance Applied to Non-Escalated Budgets 2,487,005

Escalation based upon 1.5% /Quarter from today through Start of Work

End of Exhibit 1

# Exhibit 2

EXHIBIT B GMP 2  
Jackson County, Mo – Jackson County Detention Center  
J.E. Dunn Project No. 22026200

Contract Documents

1. The contract between Owner and Design/Builder dated May 19<sup>th</sup> 2022
2. Design/Builder's Front End Documents dated August 17th, 2022.
3. Geotechnical Report prepared by CFS dated September 8th, 2022.
4. Drawings and Specifications prepared by Design/Builder as follows:

Sheet Number and Title	Rev Date	Version
<b>Jackson County Detention Center</b>		
<b>Special Use Permit</b>		
C-000 – Cover Alt	11.30.2022	Special Use Permit
C-001 – Survey	11.30.2022	Special Use Permit
C-002 – Site Plan Alt	11.30.2022	Special Use Permit
C-003 – Site Grading Plan Alt	11.30.2022	Special Use Permit
C-004 – Site Utility Plan Alt	11.30.2022	Special Use Permit
C-005 – Signage Plan	11.30.2022	Special Use Permit
L-001 – Landscape Plan	11.30.2022	Special Use Permit
L-002 – Enlarged Landscape Plan	11.30.2022	Special Use Permit
L-003 – Enlarged Landscape Plan	11.30.2022	Special Use Permit
L-004 – Enlarged Landscape Plan	11.30.2022	Special Use Permit
A-400 – Elevation	11.30.2022	Special Use Permit
<b>Schematic Design Documents</b>		
Appendix A – Program Validation	02.10.2023	Schematic Design Documents
Appendix C1 – Storm Water Drainage Report	02.03.2023	Schematic Design Documents
Appendix C2 – Private Grading and Site disturbance Plans	02.03.2023	Schematic Design Documents
Schematic Design Narrative	02.03.2023	Schematic Design Documents
0.0 – Schematic Design Drawings Cover Sheet/Index of Drawings	02.10.2023	Schematic Design Documents
0.1 – Site Plan – Overall Building	02.10.2023	Schematic Design Documents
0.2 – Overall Floor Plan – Level 1	02.10.2023	Schematic Design Documents
0.3 – Overall Floor Plan – Level Upper Housing Tier	02.10.2023	Schematic Design Documents
0.4 – Overall Floor Plan – Level 2	02.10.2023	Schematic Design Documents
0.5 – Overall Building Plan – Roof	02.10.2023	Schematic Design Documents
0.6.1 – Overall Building Perspectives	02.10.2023	Schematic Design Documents
0.6.2 – Overall Building Rendering	02.10.2023	Schematic Design Documents
0.6.3 – Overall Building Rendering	02.10.2023	Schematic Design Documents
0.7.0 – Exterior Elevations – Front Building	02.10.2023	Schematic Design Documents
0.7.1 – Overall Building – Exterior Elevations	02.10.2023	Schematic Design Documents
1.0 – Floor Plan, Level 1 & Building Section – 6.100 Orientation, 6.700 Juvenile and 8.500 Special Needs Stage 4 Housing	02.10.2023	Schematic Design Documents
1.1 – Floor Plan, Upper Tier & Building Sections – 6.100 Orientation and 8.500 Special Needs Stage 4 Housing	02.10.2023	Schematic Design Documents
1.2 – Building Section & Interior Perspectives – 6.700 Juvenile Housing	02.10.2023	Schematic Design Documents
2.0 – Floor Plans & Building Sections – 6.200 Maximum Housing - Male	02.10.2023	Schematic Design Documents
2.1 – Interior Perspectives – 6.200 Maximum Housing - Male	02.10.2023	Schematic Design Documents
3.0 – Floor Plans & Building Sections – 6.300 Segregation Housing – Male and 6.500A Med/Min Housing – Male Unit 1 (All ADA Lower Level)	02.10.2023	Schematic Design Documents
3.1 – Interior Perspectives – 6.300 Segregation Housing - Male	02.10.2023	Schematic Design Documents
4.0 – Floor Plan, Level 1 & Building Sections – 6.500B Medium & Minimum Housing – Male Units 2,3,4 & 5	02.10.2023	Schematic Design Documents
4.1 – Floor Plan, Upper Tier & Building Sections – 6.500B Medium & Minimum Housing – Male Units 2,3,4 & 5	02.10.2023	Schematic Design Documents
4.2 – Floor Plan, Level 1 & Building Section – 6.500B Med & Min Housing – Male Units 6 & 7 – 6.500C Med & Min Housing – Male Dorms 8 & 9	02.10.2023	Schematic Design Documents
4.3 – Floor Plan, Upper Tier & Building Sections – 6.500B Med & Min Housing – Male Units 6 & 7 – 6.500C Med & Min Housing – Male Dorms 8 & 9	02.10.2023	Schematic Design Documents
4.4 – Interior Perspective – 6.500B Medium and Minimum Housing – Male	02.10.2023	Schematic Design Documents
4.5 – Interior Perspective – 6.500B Medium and Minimum Housing - Male	02.10.2023	Schematic Design Documents
4.6 – Interior Perspective – 6.500B Medium and Minimum Housing - Male	02.10.2023	Schematic Design Documents
4.7 – Interior Perspective – 6.500B Medium and Minimum Housing - Male	02.10.2023	Schematic Design Documents
5.0 – Floor Plan, Level 1 & Building Section – 6.500 Med/Min-Male Unit 10, Female – 6.100 Orient, 6.400 Max/Seg, 6.600 Min/Med & 8.500 SPC Needs STG 4	02.10.2023	Schematic Design Documents
5.1 – Floor Plan, Upper Tier & Bldg Sections – 6.500 Med/Min-Male Unit 10,	02.10.2023	Schematic Design Documents

Female – 6.100 Orient, 6.400 Max/Seg, 6.600 Min/Med & 8.500 SPC Needs STG 4	02.10.2023	Schematic Design Documents
5.2 – Interior Perspectives – Female Housing 6.100 Orientation, 6.400 Maximum, and 8.400 Special Needs Stage 4		
6.1.1 – Floor Plan, Level 1 – 8.100 Central Clinic, 8.200 Infirmary, and 8.300 Medical Housing	02.10.2023	Schematic Design Documents
6.1.2 – Interior Perspectives – 8.300 Medical Housing	02.10.2023	Schematic Design Documents
6.2.1 – Floor Plan, Level 1 & Building Section – 8.400 Special Needs Stage 1-3, 9.300 Central Storage and 9.500 Custodial	02.10.2023	Schematic Design Documents
6.2.2 – Interior Perspectives – 8.400 Special Needs Stage 1-3		
7.1.1 – Floor Plan, Level 1 – 5.500 Transportation	02.10.2023	Schematic Design Documents
7.1.2 – Interior Perspectives – 5.500 Transportation	02.10.2023	Schematic Design Documents
7.2.1 – Floor Plan, Level 1 – 5.100 Vehicle Sallyport & Armory, 5.200 Intake and 5.500 Transportation	02.10.2023	Schematic Design Documents
7.2.2 – Interior Perspectives – 5.200 Intake	02.10.2023	Schematic Design Documents
7.3.1 – Floor Plan, Level 2 – 5.300 Court	02.10.2023	Schematic Design Documents
7.3.2 – Interior Perspectives – 5.300 Court	02.10.2023	Schematic Design Documents
7.3.3 – Interior Perspective – 5.300 Court	02.10.2023	Schematic Design Documents
8.1 – Floor Plan, Level 1 & Building Section - 2.300 Information Management, 2.600 Community Corrections, and 3.200 Staff Support	02.10.2023	Schematic Design Documents
8.2 – Floor Plan, Level 2 & Bldg Section – 2.100 Facility Admin, 2.500 Safety, Security & Technology, and 3.100 Training/Accreditation/Analyst	02.10.2023	Schematic Design Documents
8.3.1 – Floor Plan, Level 1 – 1.000 Public Lobby, 1.200 Visitation, 4.000 Master Control and 5.600 Release	02.10.2023	Schematic Design Documents
8.3.2 – Interior Perspectives – 1.000 Public Lobby, 2.000 Administration, 3.000 Staff Support	02.10.2023	Schematic Design Documents
9.1.1 – Floor Plan, Level 1 – 2.200 Command, 3.200 Staff Support, 7.100 Programs, 9.100 Food Service, 9.200 Laundry, 9.300 Central Storage	02.10.2023	Schematic Design Documents
9.1.2 – Interior Perspectives – Courtyard, Central Training and Staff Dining	02.10.2023	Schematic Design Documents
9.2 – Floor Plan, Level 1 – 9.300 Receiving, 9.400 Maintenance and 9.600 Central Plant	02.10.2023	Schematic Design Documents
10.1 – Enlarged Plans and Elevations, Precast Modules – 1-Person & 2-Person Housing Cells	02.10.2023	Schematic Design Documents
10.2 – Enlarged Plans and Elevations, Precast Modules – 1-Person & 2-Person Housing Cells	02.10.2023	Schematic Design Documents
10.3 – Enlarged Plans and Elevations, Precast Modules – 4-Person Housing Cells	02.10.2023	Schematic Design Documents
10.4 – Enlarged Plans and Elevations, Precast Modules – Dormitory Sleeping Rooms	02.10.2023	Schematic Design Documents
10.5 – Enlarged Plans and Elevations, Medical and Infirmary Housing Cells	02.10.2023	Schematic Design Documents
10.6 – Enlarged Plans and Elevations, Precast Modules – Special Needs Housing Cells – Stage 1-3	02.10.2023	Schematic Design Documents
11.1.1 – Code Occupancy Type Diagram – Overall Level 1	02.10.2023	Schematic Design Documents
11.1.2 – Code Occupancy Type Diagram – Overall Upper Cell Tier/Level 2	02.10.2023	Schematic Design Documents
11.2.1 – Code Smoke Zone Plan – Overall Level 1	02.10.2023	Schematic Design Documents
11.2.2 – Code Smoke Zone Plan – Overall Upper Cell Tier/Level 2	02.10.2023	Schematic Design Documents
11.3.1 – Code Separations Plan – Overall Level 1	02.10.2023	Schematic Design Documents
11.3.2 – Code Separations Plan – Overall Upper Cell Tier/Level 2	02.10.2023	Schematic Design Documents
C-000 – Overall Site Demolition Plan	02.03.2023	Schematic Design Documents
C-001 – Enlarged Site Demolition Plan 1	02.03.2023	Schematic Design Documents
C-002 – Enlarged Site Demolition Plan 2	02.03.2023	Schematic Design Documents
C-003 – Enlarged Site Demolition Plan 3	02.03.2023	Schematic Design Documents
C-004 – Enlarged Site Demolition Plan 4	02.03.2023	Schematic Design Documents
C-005 – Enlarged Site Demolition Plan 5	02.03.2023	Schematic Design Documents
C-006 – Enlarged Site Demolition Plan 6	02.03.2023	Schematic Design Documents
C-007 – Enlarged Site Demolition Plan 7	02.03.2023	Schematic Design Documents
C-008 – Enlarged Site Demolition Plan 8	02.03.2023	Schematic Design Documents
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C-010 – Enlarged Site Demolition Plan 10	02.03.2023	Schematic Design Documents
C-011 – Enlarged Site Demolition Plan 11	02.03.2023	Schematic Design Documents
C-012 – Enlarged Site Demolition Plan 12	02.03.2023	Schematic Design Documents
C-100 – Site Plan	02.03.2023	Schematic Design Documents
C-101 – Site Grading Plan	02.03.2023	Schematic Design Documents
C-102 – Site Utility Plan	02.03.2023	Schematic Design Documents
C-103 – Enlarged Site Utility Plan	02.03.2023	Schematic Design Documents
C-104 – Enlarged Site Utility Plan	02.03.2023	Schematic Design Documents
L-100 – Landscape Plan	02.03.2023	Schematic Design Documents
L-101 – Enlarged Landscape Plan 1	02.03.2023	Schematic Design Documents
L-102 – Enlarged Landscape Plan 2	02.03.2023	Schematic Design Documents
L-103 – Enlarged Landscape Plan 3	02.03.2023	Schematic Design Documents

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<b>Division 01 -</b>		
01 35 13.16 SPECIAL PROJECT PROCEDURES FOR DETENTION CENTER		DB
<b>Division 02 - EXISTING CONDITIONS</b>		
02 41 16 STRUCTURE DEMOLITION	01.17.2022	DCP
02 41 19 SELECTIVE DEMOLITION	01.17.2022	DCP
<b>Division 03 - CONCRETE</b>		



03 01 30 MAINTENANCE OF CAST-IN-PLACE CONCRETE	01.17.2022	DCP
03 10 00 CONCRETE FORMING AND ACCESSORIES	01.17.2022	DCP
03 12 30 GEOFOAM CONCRETE FORMS	01.26.2023	DB
03 20 00 CONCRETE REINFORCING	01.17.2022	DCP
03 30 00 CAST IN PLACE CONCRETE	01.17.2022	DB
03 33 00 ARCHITECTURAL CONCRETE	01.17.2022	DCP
03 35 43 POLISHED CONCRETE FINISHING	01.26.2023	DB
03 41 00 PRECAST STRUCTURAL CONCRETE	01.26.2023	DB
<b>DIVISION 04 - MASONRY</b>		
04 20 00 UNIT MASONRY	01.26.2023	DB
<b>DIVISION 05 - METALS</b>		
05 12 00 STRUCTURAL STEEL FRAMING	01.26.2023	DB
05 21 00 STEEL JOIST FRAMING	01.26.2023	DB
05 31 00 STEEL DECKING	01.26.2023	DB
05 40 00 COLD-FORMED METAL FRAMING	01.26.2023	DB
05 50 00 METAL FABRICATIONS	01.17.2022	DCP
05 51 13 METAL PAN STAIRS	01.17.2022	DCP
05 52 13 PIPE AND TUBE RAILINGS	01.17.2022	DCP
05 53 13 BAR GRATINGS	01.17.2022	DCP
05 53 16 PLANK GRATINGS	01.17.2022	DCP
05 59 63 DETENTION ENCLOSURES	01.17.2022	DCP
<b>DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES</b>		
06 10 53 MISCELLANEOUS ROUGH CARPENTRY	01.26.2023	DB
06 16 00 SHEATHING	01.26.2023	DB
06 20 23 INTERIOR FINISH CARPENTRY	01.17.2022	DCP
06 64 00 PLASTIC PANELING	01.17.2022	DCP
06 40 23 INTERIOR ARCHITECTURAL WOODWORK	01.26.2023	DB
06 41 16 PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	01.26.2023	DB
06 42 16 FLUSH WOOD PANELING	01.26.2023	DB
<b>DIVISION 07 - THERMAL AND MOISTURE PROTECTION</b>		
07 11 13 BITUMINOUS DAMPPROOFING	01.17.2022	DCP
07 13 26 SELF-ADHERING SHEET WATERPROOFING	01.26.2023	DB
07 13 53 ELASTOMERIC SHEET WATERPROOFING	01.17.2022	DCP
07 14 16 COLD FLUID-APPLIED WATERPROOFING	01.17.2022	DCP
07 18 00 TRAFFIC COATINGS	01.17.2022	DCP
07 19 00 WATER REPELLENTS	01.17.2022	DCP
07 21 00 THERMAL INSULATION	01.26.2023	DB
07 25 00 WEATHER BARRIERS	01.17.2022	DCP
07 26 00 VAPOR RETARDERS	01.17.2022	DCP
07 41 13.16 STANDING-SEAM METAL ROOF PANELS	01.17.2022	DCP
07 42 13.19 INSULATED METAL WALL PANELS	01.26.2023	DB
07 42 13.23 METAL COMPOSITE MATERIAL WALL PANELS	01.17.2022	DCP
07 42 23.13-FORMED METAL WALL PANELS	01.26.2023	DB
07 42 93 SOFFIT PANELS	01.17.2022	DCP
07 53 23 ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING	01.26.2023	DB
07 54 23 THERMOPLASTIC POLYOLEFIN TPO ROOFING	01.26.2023	DB
07 62 00 SHEET METAL FLASHING AND TRIM	01.26.2023	DB
07 71 00 ROOF SPECIALTIES	01.26.2023	DB
07 71 29 MANUFACTURED ROOF EXPANSION JOINT	01.26.2023	DB
07 72 00 ROOF ACCESSORIES	01.26.2023	DB
07 72 53 SNOW GUARD	01.17.2022	DCP
07 81 00 APPLIED FIRE PROTECTION	01.26.2023	DB
07 81 23 INTUMESCENT FIRE PROTECTION	01.26.2023	DB
07 84 13 PENETRATION FIRESTOPPING	01.26.2023	DB
07 84 43 JOINT FIRESTOPPING	01.26.2023	DB
07 91 00 PREFORMED JOINT SEALS	01.17.2022	DCP
07 92 00 JOINT SEALANTS	01.26.2023	DB
07 92 00.53 SECURITY JOINT SEALANTS	01.26.2023	DB
07 92 19 ACOUSTICAL JOINT SEALANTS	01.26.2023	DB
07 95 13.13 INTERIOR EXPANSION JOINT COVER ASSEMBLIES	01.26.2023	DB
07 95 13.16 EXTERIOR EXPANSION JOINT COVER ASSEMBLIES	01.17.2022	DCP
<b>DIVISION 08 - OPENINGS</b>		
08 11 13 HOLLOW METAL DOORS AND FRAMES	01.26.2023	DB
08 12 16 ALUMINUM FRAMES	01.17.2022	DCP
08 14 16 FLUSH WOOD DOORS	01.26.2023	DB
08 31 13 ACCESS DOORS AND FRAMES	01.26.2023	DB
08 31 13.53 SECURITY ACCESS DOORS AND FRAMES	09.14.2022	DB
08 33 13 COILING COUNTER DOORS	01.26.2023	DB
08 33 23 OVERHEAD COILING DOORS	01.26.2023	DB
08 33 26 OVERHEAD COILING GRILLES	01.17.2022	DCP
08 33 43 OVERHEAD COILING SMOKE CURTAINS	01.26.2023	DB
08 34 63 DETENTION DOORS AND FRAMES	01.26.2023	DB
08 41 13 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	01.26.2023	DB
08 42 29.23 SLIDING AUTOMATIC ENTRANCES	01.17.2022	DCP
08 51 13 ALUMINUM WINDOWS	01.17.2022	DCP
08 62 00 UNIT SKYLIGHTS OPTION A	01.26.2023	DB
08 62 00 UNIT SKYLIGHTS OPTION B	01.26.2023	DB
08 71 11 DOOR HARDWARE	01.26.2023	DB
08 71 13 AUTOMATIC DOOR OPERATORS	01.26.2023	DB
08 71 63 DETENTION DOOR HARDWARE	01.26.2023	DB
08 80 00 GLAZING	01.26.2023	DB

08 84 00 PLASTIC GLAZING	01.26.2023	DB
08 88 13 FIRE-RATED GLAZING	01.26.2023	DB
08 88 53 SECURITY GLAZING	01.26.2023	DB
08 91 19 FIXED LOUVERS	01.17.2022	DCP
<b>DIVISION 09 - FINISHES</b>		
09 05 61.13 MOISTURE VAPOR EMISSION CONTROL	01.26.2023	DB
09 21 16.23 GYPSUM BOARD SHAFT WALL ASSEMBLIES	01.26.2023	DB
09 22 16 NON-STRUCTURAL METAL FRAMING	01.26.2023	DB
09 24 00 CEMENT PLASTERING	01.17.2022	DCP
09 29 00 GYPSUM BOARD	01.26.2023	DB
09 30 13 CERAMIC TILING	01.26.2023	DB
09 51 13 ACOUSTICAL PANEL CEILINGS	01.26.2023	DB
09 51 23 ACOUSTICAL TILE CEILINGS	01.17.2022	DCP
09 65 13 RESILIENT BASE AND ACCESSORIES	01.26.2023	DB
09 65 16 RESILIENT SHEET FLOORING	01.26.2023	DB
09 65 19 RESILIENT TILE FLOORING	01.26.2023	DB
09 65 66 RESILIENT ATHLETIC FLOORING	01.26.2023	DB
09 67 23 RESINOUS FLOORING	01.26.2023	DB
09 68 13 TILE CARPETING	01.26.2023	DB
09 72 00 WALL COVERINGS	01.17.2022	DCP
09 74 36 DECORATIVE WOOD GRD SYSTEMS	01.26.2023	DB
09 77 23 FABRIC-WRAPPED PANELS	01.17.2022	DCP
09 84 33 SOUND ABSORBING WALL UNITS	01.26.2023	DB
09 91 14 EXTERIOR PAINTING	01.26.2023	DB
09 91 24 INTERIOR PAINTING	01.26.2023	DB
09 93 00 STAINING AND TRANSPARENT FINISHING	01.17.2022	DCP
09 96 00 HIGH-PERFORMANCE COATINGS	01.26.2023	DB
09 96 03 SPECIAL COATINGS	01.26.2023	DB
09 96 53 ELASTOMERIC COATINGS	01.17.2022	DCP
09 97 26 CEMENTITIOUS COATINGS	01.17.2022	DCP
09 98 53 RESILIENT PADDING SYSTEMS	01.26.2023	DB
<b>DIVISION 10 - SPECIALTIES</b>		
10 11 00 VISUAL DISPLAY UNITS	01.17.2022	DCP
10 12 00 DISPLAY CASES	01.17.2022	DCP
10 14 16 PLAQUES	01.26.2023	DB
10 14 19 DIMENSIONAL LETTER SIGNAGE	01.26.2023	DB
10 14 23 PANEL SIGNAGE	01.26.2023	DB
10 14 23.16 ROOM-IDENTIFICATION PANEL SIGNAGE	01.17.2022	DCP
10 14 26 POST AND PANEL/PYLON SIGNAGE	01.17.2022	DCP
10 14 73 PAINTED SIGNAGE	01.26.2023	DB
10 17 00 TELEPHONE SPECIALTIES	01.17.2022	DCP
10 21 13.14 STAINLESS-STEEL TOILET COMPARTMENTS	01.17.2022	DCP
10 21 13.17 PHENOLIC-CORE TOILET COMPARTMENTS	01.17.2022	DCP
10 21 13.19 PLASTIC TOILET COMPARTMENTS	01.17.2022	DCP
10 21 16.14 STAINLESS-STEEL SHOWER AND DRESSING COMPARTMENTS	01.17.2022	DCP
10 21 23 CUBICLE CURTAINS AND TRACK	01.26.2023	DB
10 22 13 WIRE MESH PARTITIONS	01.26.2023	DB
10 22 39 FOLDING PANEL PARTITIONS	01.17.2022	DCP
10 26 00 WALL AND DOOR PROTECTION	01.26.2023	DB
10 28 00 TOILET, BATH, AND LAUNDRY ACCESSORIES	01.26.2023	DB
10 28 13.63 DETENTION TOILET ACCESSORIES	01.17.2022	DCP
10 44 13 FIRE PROTECTION CABINETS	01.26.2023	DB
10 44 16 FIRE EXTINGUISHERS	01.26.2023	DB
10 51 13 METAL LOCKERS	01.17.2022	DCP
10 51 16 WOOD LOCKERS	01.26.2023	DB
10 55 00.16 PRIVATE-DELIVERY POSTAL SPECIALTIES	01.17.2022	DCP
10 56 13 METAL STORAGE SHELVING	01.17.2022	DCP
10 75 16 GROUND-SET FLAGPOLES	01.26.2023	DB
10 75 23 WALL-MOOUNTED FLAGPOLES	01.17.2022	DCP
<b>DIVISION 11 - EQUIPMENT</b>		
11 11 00 COMMERCIAL LAUNDRY EQUIPMENT	01.26.2023	DB
11 12 00 PARKING CONTROL EQUIPMENT	01.17.2022	DCP
11 13 13 LOADNG DOCK BUMPERS	01.17.2022	DCP
11 13 19 STATIONARY LOADING DOCK EQUIPMENT	01.17.2022	DCP
11 19 00 DETENTION EQUIPMENT GENERAL REQUIREMENTS	01.17.2022	DCP
11 19 05 DETENTION DOORS AND FRAMES	01.17.2022	DCP
11 19 07 DETENTION ACCESS PANELS	01.17.2022	DCP
11 19 08 DETENTION GROUTING OF HOLLOW METAL FRAMES	01.17.2022	DCP
11 19 10 DETENTION HARDWARE	01.17.2022	DCP
11 19 15 DETENTION WINDOW ASSEMBLIES	01.17.2022	DCP
11 19 16 DETENTION GUN LOCKERS	01.17.2022	DCP
11 19 20 DETENTION SECURITY GLAZING	01.17.2022	DCP
11 19 25 DETENTION OPENING SECURITY GRILLES	01.17.2022	DCP
11 19 26 DETENTION GRILLAGE ASSEMBLIES	01.17.2022	DCP
11 19 30 DETENTION CEILING ASSEMBLIES	01.17.2022	DCP
11 19 35 DETENTION WALL ASSEMBLIES	01.17.2022	DCP
11 19 36 DETENTION MODULAR STEEL CELLS	01.17.2022	DCP
11 19 40 DETENTION FIXED EQUIPMENT & ACCESSORIES	01.17.2022	DCP
11 19 45 DETENTION FUDBISHINGS	01.17.2022	DCP
11 19 50 DETENTION CELL PADDING	01.17.2022	DCP
11 19 71 DETENTION SECURITY SCREENS	01.17.2022	DCP
11 19 80 DETENTION SEALANTS	01.17.2022	DCP
11 19 85 DETENTION SCREWS AND FASTENERS	01.17.2022	DCP
11 19 90 DETENTION WALL AND FLOOR FINISHES	01.17.2022	DCP

11 40 00 FOODSERVICE EQUIPMENT	01.17.2022	DCP
<b>DIVISION 12 - FURNISHINGS</b>		
12 21 13 HORIZONTAL LOUVER BLINDS	01.17.2022	DCP
12 24 13 ROLLER WINDOW SHADES	01.26.2023	DB
12 36 23.13 PLASTIC-LAMINATE-CLAD COUNTERTOPS	01.17.2022	DCP
12 36 61.16 SOLID SURFACING COUNTERTOPS	01.26.2023	DB
12 48 13 ENTRANCE FLOOR MATS AND FRAMES	01.17.2022	DCP
<b>DIVISION 13 SPECIAL CONSTRUCTION</b>		
13 34 23 MODULAR PRECAST CONCRETE CELLS	01.17.2022	DCP
13 34 19 MODULAR BUILDING SYSTEMS	01.17.2022	DCP
<b>DIVISION 21 - FIRE SUPPRESSION</b>		
21 05 13 COMMON MOTOR REQUIREMENTS FOR SUPPRESSION EQUIPMENT	01.17.2022	DCP
21 05 23 GENERAL-DUTY VALVES FOR WATER-BASED FIRE-SUPPRESSION PIPING	01.17.2022	DCP
21 05 33 HEAT TRACING	01.17.2022	DCP
21 05 48.13 VIBRATION CONTROLS FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT	01.17.2022	DCP
21 11 16 FACILITY FIRE HYDRANTS	01.17.2022	DCP
21 11 19 FIRE DEPARTMENT CONNECTIONS	01.17.2022	DCP
21 12 00 FIRE-SUPPRESSION STANDPIPES	01.17.2022	DCP
21 13 13 WET-PIPE SPRINKLER SYSTEMS	01.17.2022	DCP
21 13 16 DRY-PIPE SPRINKLER SYSTEMS	01.17.2022	DCP
<b>DIVISION 22 - PLUMBING</b>		
22 01 00 PLUMBING GENERAL PROVISIONS	01.17.2022	DCP
22 06 13 COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT	01.17.2022	DCP
22 05 16 EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING	01.17.2022	DCP
22 05 17 SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING	01.17.2022	DCP
22 05 18 ESCUTCHEONS FOR PLUMBING PIPING	01.17.2022	DCP
22 05 19 METERS AND GAGES FOR PLUMBING PIPING	01.17.2022	DCP
22 05 23.12 BALL VALVES FOR PLUMBING PIPING	01.17.2022	DCP
22 05 23.13 BUTTERFLY VALVES FOR PLUMBING PIPING	01.17.2022	DCP
22 05 23.14 CHECK VALVES FOR PLUMBING PIPING	01.17.2022	DCP
22 05 23.15 GATE VALVES FOR PLUMBING PIPING	01.17.2022	DCP
22 05 29 HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT	01.17.2022	DCP
22 05 48.13 VIBRATION CONTROLS FOR PLUMBING PIPING AND EQUIPMENT	01.17.2022	DCP
22 05 93 TESTING, ADJUSTING AND BALANCING FOR PLUMBING	01.17.2022	DCP
22 61 13 COMPRESSED-AIR PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	01.17.2022	DCP
22 07 16 PLUMBING EQUIPMENT INSULATION	01.17.2022	DCP
22 07 19 PLUMBING PIPING INSULATION	01.17.2022	DCP
22 09 63 MEDICAL GAS ALARMS	01.17.2022	DCP
22 11 13 FACILITY WATER DISTRIBUTION PIPING	01.17.2022	DCP
22 11 16 DOMESTIC WATER PIPING	01.17.2022	DCP
22 11 19 DOMESTIC WATER PIPING SPECIALTIES	01.17.2022	DCP
22 11 23 DOMESTIC WATER PUMPS	01.17.2022	DCP
22 13 13 FACILITY SANITARY SEWERS	01.17.2022	DCP
22 13 16 SANITARY WASTE AND VENT PIPING	01.17.2022	DCP
22 13 19 SANITARY WASTE PIPING SPECIALTIES	01.17.2022	DCP
22 13 19.13 SANITARY DRAINS	01.17.2022	DCP
22 13 23 SANITARY WASTE INTERCEPTORS	01.17.2022	DCP
22 13 29 SANITARY SEWERAGE PUMPS	01.17.2022	DCP
22 14 23 STORM DRAINAGE PIPING SPECIALTIES	01.17.2022	DCP
22 14 29 SUMP PUMPS	01.17.2022	DCP
22 15 13 GENERAL-SERVICE COMPRESSED-AIR PIPING	01.17.2022	DCP
22 15 19 GENERAL-SERVICE PACKAGED AIR COMPRESSORS AND RECEIVERS	01.17.2022	DCP
22 31 00 DOMESTIC WATER SOFTENERS	01.17.2022	DCP
22 33 00 ELECTRIC, DOMESTIC-WATER HEATERS	01.17.2022	DCP
22 34 00 FUEL-FIRED, DOMESTIC-WATER HEATERS	01.17.2022	DCP
22 42 13.13 COMMERCIAL WATER CLOSETS	01.17.2022	DCP
22 42 13.16 COMMERCIAL URINALS	01.17.2022	DCP
22 42 16.13 COMMERCIAL LAVATORIES	01.17.2022	DCP
22 42 16.16 COMMERCIAL SINKS	01.17.2022	DCP
22 42 23 COMMERCIAL SHOWERS	01.17.2022	DCP
22 42 33 WASH FOUNTAINS	01.17.2022	DCP
22 45 00 EMERGENCY PLUMBING FIXTURES	01.17.2022	DCP
22 46 00 SECURITY PLUMBING FIXTURES	01.17.2022	DCP
22 47 13 DRINKING FOUNTAINS	01.17.2022	DCP
22 61 13 COMPRESSED-AIR PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	01.17.2022	DCP
22 61 19 COMPRESSED-AIR EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES	01.17.2022	DCP
22 62 13 VACUUM PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	01.17.2022	DCP
22 62 19 VACUUM EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES	01.17.2022	DCP
22 63 13 GAS PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	01.17.2022	DCP
<b>DIVISION 23 - HEATING VENTILATION AND AIR CONDITIONING (HVAC)</b>		
23 01 00 MECHANICAL GENERAL PROVISIONS	01.17.2022	DCP
23 05 19 COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT	01.17.2022	DCP
23 05 19 METERS AND GAGES FOR HVAC PIPING	01.17.2022	DCP
23 05 23.12 BALL VALVES FOR HVAC PIPING	01.17.2022	DCP

23 05 23.13 BUTTERFLY VALVES FOR HVAC PIPING	01.17.2022	DCP
23 05 23.14 CHECK VALVES FOR HVAC PIPING	01.17.2022	DCP
23 05 29 HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT	01.17.2022	DCP
23 05 48 VIBRATION AND SEISMIC CONTROLS FOR HVAC	01.17.2022	DCP
23 05 53 IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	01.17.2022	DCP
23 05 66 ANTIMICROBIAL ULTRAVIOLET LAMP SYSTEMS FOR HVAC	01.17.2022	DCP
23 05 93 TESTING, ADJUSTING, AND BALANCING FOR HVAC	01.17.2022	DCP
23 07 13 DUCT INSULATION	01.17.2022	DCP
23 07 16 HVAC EQUIPMENT INSULATION	01.17.2022	DCP
23 07 19 HVAC PIPING INSULATION	01.17.2022	DCP
23 08 00 COMMISSIONING OF HVAC	01.17.2022	DCP
23 09 23 DIRECT DIGITAL CONTROL (DDC) SYSTEM FOR HVAC	01.17.2022	DCP
23 09 23.11 CONTROL VALVES	01.17.2022	DCP
23 09 23.12 CONTROL DAMPERS	01.17.2022	DCP
23 09 23.13 ENERGY METERS	01.17.2022	DCP
23 09 23.14 FLOW INSTRUMENTS	01.17.2022	DCP
23 09 23.16 GAS INSTRUMENTS	01.17.2022	DCP
23 09 23.17 LEVEL INSTRUMENTS	01.17.2022	DCP
23 09 23.18 LEAK DETECTION INSTRUMENTS	01.17.2022	DCP
23 09 23.19 MOISTURE INSTRUMENTS	01.17.2022	DCP
23 09 23.22 POSITION INSTRUMENTS	01.17.2022	DCP
23 09 23.23 PRESSURE INSTRUMENTS	01.17.2022	DCP
23 09 23.24 SPEED INSTRUMENTS	01.17.2022	DCP
23 09 23.27 TEMPERATURE INSTRUMENTS	01.17.2022	DCP
23 09 23.33 VIBRATION INSTRUMENTS	01.17.2022	DCP
23 09 23.43 WEATHER STATIONS	01.17.2022	DCP
23 09 93 SEQUENCE OF OPERATIONS FOR HVAC DDC	01.17.2022	DCP
23 11 23 FACILITY NATURAL-GAS PIPING	01.17.2022	DCP
23 21 13 HYDRONIC PIPING	01.17.2022	DCP
23 21 13.13 UNDERGROUND HYDRONIC PIPING	01.17.2022	DCP
23 21 16 HYDRONIC PIPING SPECIALTIES	01.17.2022	DCP
23 21 23 HYDRONIC PUMPS	01.17.2022	DCP
23 23 00 REFRIGERANT PIPING	01.17.2022	DCP
23 25 00 HVAC WATER TREATMENT	01.17.2022	DCP
23 31 13 METAL DUCTS	01.17.2022	DCP
23 33 00 AIR DUCT ACCESSORIES	01.17.2022	DCP
23 33 46 FLEXIBLE DUCTS	01.17.2022	DCP
23 34 13 AXIAL HVAC FANS	01.17.2022	DCP
23 34 16 CENTRIFUGAL HVAC FANS	01.17.2022	DCP
23 34 23 HVAC POWER VENTILATORS	01.17.2022	DCP
23 34 33.16 INDUSTRIAL AIR CURTAINS	01.17.2022	DCP
23 34 39 HIGH-VOLUME, LOW-SPEED FANS	01.17.2022	DCP
23 36 00 AIR TERMINAL UNITS	01.17.2022	DCP
23 37 13.13 AIR DIFFUSERS	01.17.2022	DCP
23 37 13.23 REGISTERS AND GRILLES	01.17.2022	DCP
23 37 13.43 SECURITY REGISTERS AND GRILLES	01.17.2022	DCP
23 37 23 HVAC GRAVITY VENTILATORS	01.17.2022	DCP
23 38 13 KITCHEN HOODS	01.17.2022	DCP
23 41 00 PARTICULATE AIR FILTRATION	01.17.2022	DCP
23 43 00 ELECTRONIC AIR CLEANERS	01.17.2022	DCP
23 51 23 GAS VENTS	01.17.2022	DCP
23 52 16 CONDENSING BOILERS	01.17.2022	DCP
23 53 13 BOILER FEEDWATER PUMPS	01.17.2022	DCP
23 55 23.13 LOW-INTENSITY, GAS-FIRED, RADIANT HEATERS	01.17.2022	DCP
23 55 33.16 GAS-FIRED UNIT HEATERS	01.17.2022	DCP
23 63 13 AIR-COOLED REFRIGERANT CONDENSERS	01.17.2022	DCP
23 64 16 CENTRIFUGAL WATER CHILLERS	01.17.2022	DCP
23 65 13 COOLING TOWERS	01.17.2022	DCP
23 72 13 HEAT WHEEL AIR-TO-AIR ENERGY RECOVERY UNITS	01.17.2022	DCP
23 72 16 HEAT PIPE AIR-TO-AIR ENERGY RECOVERY UNITS	01.17.2022	DCP
23 72 19 FIXED PLATE AIR-TO-AIR ENERGY RECOVERY UNITS	01.17.2022	DCP
23 73 13.19 INDOOR, CUSTOM AIR-HANDLING UNITS	01.17.2022	DCP
23 74 33 DEDICATED, OUTDOOR-AIR UNITS	01.17.2022	DCP
23 81 26 SPLIT-SYSTEM AIR-CONDITIONERS	01.17.2022	DCP
23 82 16.11 HYDRONIC AIR COILS	01.17.2022	DCP
23 82 16.13 REFRIGERANT AIR COILS	01.17.2022	DCP
23 82 16.14 ELECTRIC-RESISTANCE AIR COILS	01.17.2022	DCP
23 82 19 FAN COIL UNITS	01.17.2022	DCP
23 82 36 FINNED-TUBE RADIATION HEATERS	01.17.2022	DCP
23 82 39 UNIT HEATERS	01.17.2022	DCP
23 84 13.29 SELF-CONTAINED STEAM HUMIDIFIERS	01.17.2022	DCP
<b>DIVISION 26 - ELECTRICAL</b>		
26 01 00 BASIC ELECTRICAL REQUIREMENTS	01.17.2022	DCP
26 05 13 MEDIUM-VOLTAGE CABLES	01.17.2022	DCP
26 05 19 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES	01.17.2022	DCP
26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS	01.17.2022	DCP
26 05 29 HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	01.17.2022	DCP
26 05 33 RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS	01.17.2022	DCP
26 05 43 UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEM	01.17.2022	DCP
26 05 44 SLEEVES AND SLEEVE SEALS FOR ELECTRICAL RACEWAYS AND CABLING	01.17.2022	DCP
26 05 53 IDENTIFICATION FOR ELECTRICAL SYSTEMS	01.17.2022	DCP
26 05 73.16 COORDINATION STUDIES	01.17.2022	DCP
26 09 13 ELECTRICAL POWER MONITORING	01.17.2022	DCP
26 09 23 LIGHTING CONTROL DEVICES	01.17.2022	DCP

26 09 43.23 RELAY-BASED LIGHTING CONTROLS	01.17.2022	DCP
26 11 16.11 SECONDARY UNIT SUBSTATIONS WITH SWITCHGEAR SECONDARY	01.17.2022	DCP
26 22 13 LOW-VOLTAGE DISTRIBUTION TRANSFORMERS	01.17.2022	DCP
26 24 13 SWITCHBOARDS	01.17.2022	DCP
26 24 16 PANELBOARDS	01.17.2022	DCP
26 25 00 LOW-VOLTAGE ENCLOSED BUS ASSEMBLIES	01.17.2022	DCP
26 27 26 WIRING DEVICES	01.17.2022	DCP
26 28 13 FUSES	01.17.2022	DCP
26 28 16 ENCLOSED SWITCHES AND CIRCUIT BREAKERS	01.17.2022	DCP
26 29 13.03 MANUAL AND MAGNETIC MOTOR CONTROLLERS	01.17.2022	DCP
26 29 23 VARIABLE FREQUENCY MOTOR CONTROLLERS	01.17.2022	DCP
26 32 13.13 DIESEL-ENGINE-DRIVEN GENERATORS	01.17.2022	DCP
26 33 53 STATIC UNINTERRUPTIBLE POWER SUPPLY	01.17.2022	DCP
26 36 00 TRANSFER SWITCHES	01.17.2022	DCP
26 41 13 LIGHTNING PROTECTION FOR STRUCTURES	01.17.2022	DCP
26 43 13 SURGE PROTECTION FOR LOW-VOLTAGE ELECTRICAL POWER CIRCUITS	01.17.2022	DCP
26 51 19 LED INTERIOR LIGHTING	01.17.2022	DCP
26 52 13 EMERGENCY AND EXIT LIGHTING	01.17.2022	DCP
26 56 19 LED EXTERIOR LIGHTING	01.17.2022	DCP
<b>DIVISION 27 - COMMUNICATIONS</b>		
27 05 26 GROUNDING AND BONDING FOR COMMUNICATION SYSTEMS	01.17.2022	DCP
27 05 36 CABLE TRAYS FOR TELECOMMUNICATIONS	01.17.2022	DCP
27 10 00 FIBER OPTIC CABLE TESTING 09.14.22 DB	09.14.2022	DB
27 11 16 CABINETS, RACKS, FRAMES, AND ENCLOSURES	01.17.2022	DCP
27 13 23 COMMUNICATIONS OPTICAL FIBER BACKBONE CABLING	01.17.2022	DCP
27 15 00 COMMUNICATIONS HORIZONTAL CABLING SYSTEMS	09.14.2022	DB
27 15 13 COMMUNICATIONS COPPER HORIZONTAL CABLING	01.17.2022	DCP
27 15 33 COMMUNICATIONS COAXIAL HORIZONTAL CABLING	01.17.2022	DCP
27 41 13 CABLE TELEVISION SYSTEM	09.14.2022	DB
27 41 16 AUDIO VISUAL SYSTEM	09.14.2022	DB
27 41 33 MASTER ANTENNA TELEVISION SYSTEM	01.17.2022	DCP
27 51 19.11 SOUND MASKING SYSTEM	01.17.2022	DCP
27 51 23 INTERCOM SYSTEM	09.14.2022	DB
27 52 23 NURSE CALL/CODE BLUE SYSTEMS	01.17.2022	DCP
<b>DIVISION 28 - ELECTRONIC SAFETY AND SECURITY</b>		
28 05 00 COMMON WORK RESULTS FOR ELECTRONIC SECURITY	09.14.2022	DB
28 05 00.10 UNINTERRUPTIBLE POWER SOURCE	09.14.2022	DB
28 05 00.20 SECURITY AND COMMUNICATION CONDUIT/RACEWAY	09.14.2022	DB
28 05 10 MAINT, SERVICE, & WARRANTY FOR ELECTRONIC SECURITY	01.17.2022	DCP
28 05 11 BACKBONE SYSTEM CABLING FOR ELECTRONIC SECURITY	01.17.2022	DCP
28 05 12 HORIZONTAL CABLING SYSTEM FOR ELECTRONIC SECURITY	01.17.2022	DCP
28 05 26 GROUNDING, BONDING, SURGE, & UPS FOR ELEC SECURITY	01.17.2022	DCP
28 05 30 TAMPER PROOF FASTENERS FOR ELECTRONIC SECURITY	01.17.2022	DCP
28 11 16 CABINETS AND ENCLOSURES FOR ELECTRONIC SECURITY	01.17.2022	DCP
28 13 00 ACCESS CONTROL SYSTEM	09.14.2022	DB
28 15 00 ACCESS CONTROL HARDWARE DEVICES	01.17.2022	DCP
28 15 25 ELECTRONIC KEY MANAGEMENT SYSTEM	09.14.2022	DB
28 20 00 VIDEO SURVEILLANCE	01.17.2022	DCP
28 23 00 IP VIDEO SURVEILLANCE	09.14.2022	DB
28 31 11 DIGITAL ADDRESSABLE FIRE ALARM SYSTEM	09.14.2022	DB
28 44 00 REFRIGERANT DETECTION AND ALARM	01.17.2022	DCP
28 46 00 TOUCHSCREEN COMPUTER STATION	09.14.2022	DB
28 46 00.20 EVENT RECORDING SYSTEM	09.14.2022	DB
28 46 19 PLC HARDWARE FOR ELECTRONIC SECURITY	09.14.2022	DB
28 46 20 PLC SOFTWARE FOR ELECTRONIC SECURITY	01.17.2022	DCP
28 46 21.11 ADDRESSABLE FIRE-ALARM SYSTEMS	01.17.2022	DCP
28 51 23 INTEGRATED INTERCOM AND PAGING SYSTEM FOR ELECTRONIC SEC	01.17.2022	DCP
28 52 11 DETENTION MONITORING AND CONTROL SYSTEMS	01.17.2022	DCP
<b>DIVISION 31-- EARTHWORK</b>		
31 10 00 SITE CLEARING	08.02.2022	DB
31 20 00 EARTHWORK	08.02.2022	DB
31 60 00 SETTLEMENT MONITORING	08.02.2022	DB
31 70 00 WICK DRAINS	08.02.2022	DB
<b>DIVISION 32 - EXTERIOR IMPROVEMENTS</b>		
32 12 16 ASPHALT PAVING	01.17.2022	DCP
32 13 13 CONCRETE PAVING	01.17.2022	DCP
32 13 73 CONCRETE PAVING JOINT SEALANTS	01.17.2022	DCP
32 14 00 UNIT PAVING	01.17.2022	DCP
32 17 13 PARKING BUMPERS	01.17.2022	DCP
32 17 16 MANUFACTURED TRAFFIC-CALMING DEVICES	01.17.2022	DCP
32 17 23 PAVEMENT MARKINGS	01.17.2022	DCP
32 17 26 TACTILE WARNING SURFACING	01.17.2022	DCP
32 31 13 CHAIN LINK FENCES AND GATES	01.17.2022	DCP
32 31 13.53 HIGH-SECURITY CHAIN LINK FENCES AND GATES	01.17.2022	DCP
32 31 15 HYDRAULIC FOUR FOLD DOORS	01.26.2023	DB
32 91 13 SOIL PREPARATION	01.17.2022	DCP
32 92 00 TURF AND GRASSES	01.17.2022	DCP

**\*\* LEDGEN DCP=DESIGN CRITERIA PACKET  
DB=DESIGN BUILDER**

**JED GMP Exhibits**

JED.01 – HVAC VAV Zones

JED.02 – Plumbing One-Lines

JED.03 – Chilled Water and Heating Hot Water One-Lines

JED.04 – Electrical One-Line Diagram

JED.05 – Electrical Room Layouts


JED.06 – Skylight Take-Off Plan

JED.07 – Woven Wire Rod and Detention Metal Panel Take-Off Plan

JED.08 – DEC-SEC Plans and Schedules

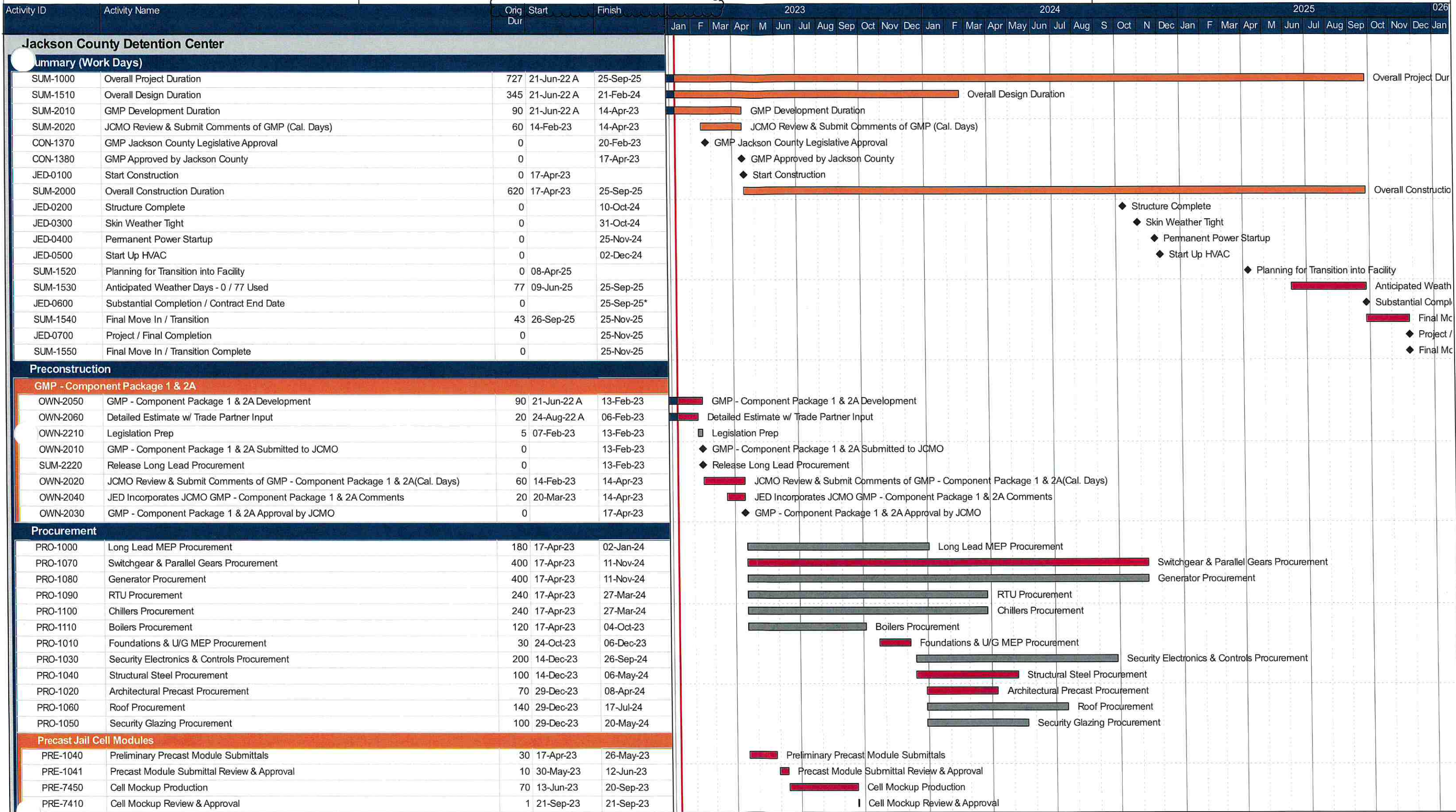
**End of Exhibit 2**

# Exhibit 3

<b>Jackson County Detention Center</b>	<b>EXHIBIT 3</b>	
<b>Kansas City, Missouri</b>		
<b>March 14, 2023</b>		
<b>JE Dunn/Axiom/DLR GMP Proposal</b>		

#	Description	JCDC ID #	Current Estimate and ROM Savings Items Below	Recommend Y/N	Alternates or Cost Breakouts
<b>Bold Number is Full Criteria (1256 Beds) based on January Bids &amp; Budgets</b>			<b>\$333,380,782</b>		
1	Delete all LEED Requirement, see Design Criteria Modification #014	G2a	-3,129,000	Yes	
2	Delete Integral Color Concrete at Housing Floors, see Design Criteria Modification #015	G12	-337,000	Yes	
3	Eliminate fill North of Facility, shift road to the south toward building	S3	-151,000	Yes	
4	Alternate No. 1 - Alternative funding for the court component.	P1			
5	Alternate No. 2 - Eliminate (2) 64 bed housing units, 128 total beds (1256 - 128 = 1128)	H2a			-6,180,000
6	Alternate No. 3 - Eliminate and additional (2) 64 bed housing units, 128 total be (1128 - 128 = 1,000)	H2b			-9,007,435
7	At (12) housing units reduce quantity of ADA holding cells to (2) per housing unit and reduce size of the remaining holding cells and overall unit, see Design Criteria Modification #001 and #017.	H3	-1,155,000	Yes	
8	Reduce size of the dayroom to meet ACA standards, decreases length not width	H6	-605,000	Yes	
9	Convert 2 male med/min housing units into dorms - 64 beds in each, 128 total beds. See revised floor plans and Design Criteria Modification #050.	H10	-500,000	Yes	
10	Delete cell cameras at Male and Female Med/Min Housing only, see Design Criteria Modification #020	H12	-400,000	Yes	
11	Delete Coax for all holding cell TVs, see Design Criteria Modification #021	H14	-250,000	Yes	
12	Reduce cell ceiling height to 8'-0", in lieu of 9'-0" AFF. We need to increase clear height to 8'-1" at subdayrooms. Male Seg Lower Level Cells have increased to 10' Clear. All Sleeping Alcoves for Dorm shall be 9' clear, See Design Criteria Modification #023.	H21	-697,000	Yes	
13	Reduce generator dB rating to 90 dB. Lower dB rating is acceptable with generators located outside, see Design Criteria Modification #039.	M3e	-86,700	Yes	
14	Reduce Site Lighting below DCP 3 FC, goal is to hit an average 1 FC, see Design Criteria Modification #026.	E1	-246,000	Yes	
15	Delete windborn impact resistant requirement for exterior glazing, see Design Criteria Modification #025	J3	-1,280,000	Yes	
16	Reduce Avg Height of Structure at general cell housing to approximately 22'-4" AFF.	J5	-817,000	Yes	
17	Use PVC for above grade waste piping in areas that are not return air plenums.	J13	-429,000	Yes	
18	Use PVC for above grade storm piping in areas that are not return air plenums.	J14	-111,000	Yes	
19	Provide snowmelt system in the Transportation Yard drive lanes only, see Design Criteria Modification #052.	J22	-98,900	Yes	
20	Use Schedule 40 PVC below grade in lieu of Schedule 80, see Design Criteria Modification #028.	J26	-300,000	Yes	
21	Use Aluminum wire in lieu of copper at all branch feeders, see Design Criteria Modification #029.	J27	-173,000	Yes	
22	Use open cable tray at Administration Building in lieu of EMT for LV wiring, see Design Criteria Modification #041.	J39	-250,000	Yes	
23	MC Cabling at Admin. Building in lieu of EMT, see Design Criteria Modification #053.	J41	-62,400	Yes	
24	Provide data jacks in lieu of coax at all AV/TV locations, see Design Criteria Modification #021	J43	-71,200	Yes	
25	Provide a gray roof provided by Flynn Roofing Company in lieu of white, see Design Criteria Modification #030	J45	-1,410,000	Yes	
26	Use new Ewing Entrance Budget to help pay for the new Ewing Road.	J57	-500,000	Yes	
<b>Total Savings in list above</b>			<b>(\$13,059,200)</b>		<b>(\$25,339,515)</b>
<b>GMP Options</b>					
<b>Full Criteria 1256 Beds</b>			<b>\$333,380,782</b>		
<b>Option 1: 1256 Beds with recommended changes</b>			<b>\$320,321,582</b>	Includes yeses	
<b>Option 2: 1128 Beds with recommended changes</b>			<b>\$311,314,147</b>	Item #5 above, reduces schedule duration by 1 Month	
<b>Option 3: 1000 Beds with recommended changes</b>			<b>\$301,162,067</b>	Item #6 above, includes 1 more month of schedule savings	
<b>JE Dunn's M/W/VBE Goals respectively MBE 17.5%/WBE 11.0%/VBE 0.5% = Totals 29%</b>					
<b>JE Dunn is on track to beat the Total M/W/VBE Goal stated above by a couple percent on any of the options above</b>					

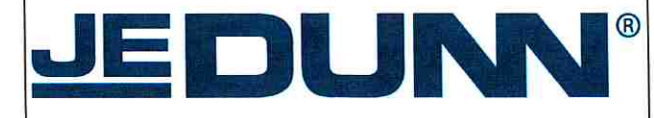
# Exhibit 3



█ Remaining Level of Effort    █ Remai...  
█ Actual Level of Effort    ◆ ◆ Milesto...  
█ Actual Work  
█ Critical Remaining Work

Run Date: 14-Mar-23

**Jackson County Detention Center**  
**JE Dunn Construction Company**  
**March 3rd-2023 GMP Schedule**

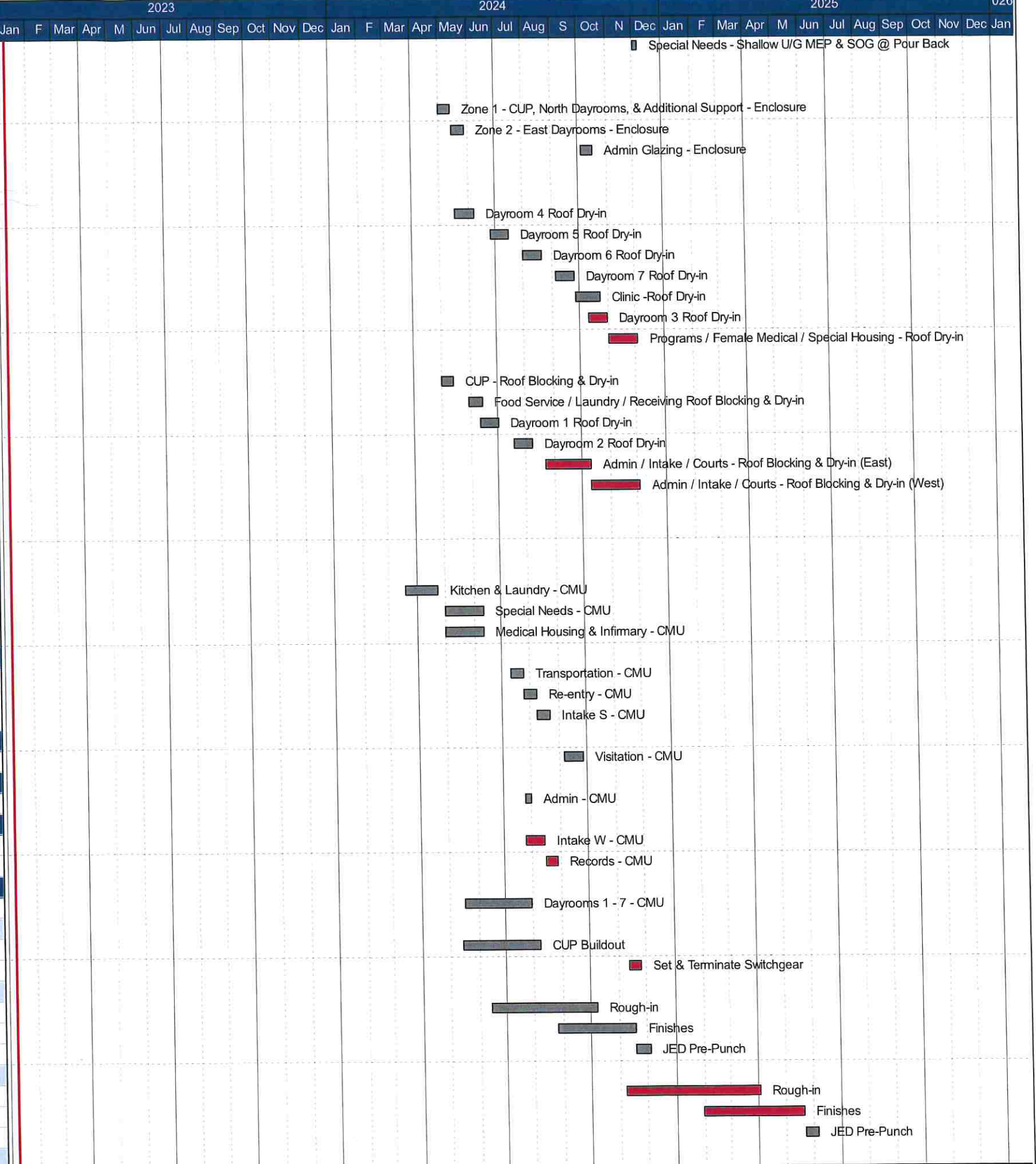


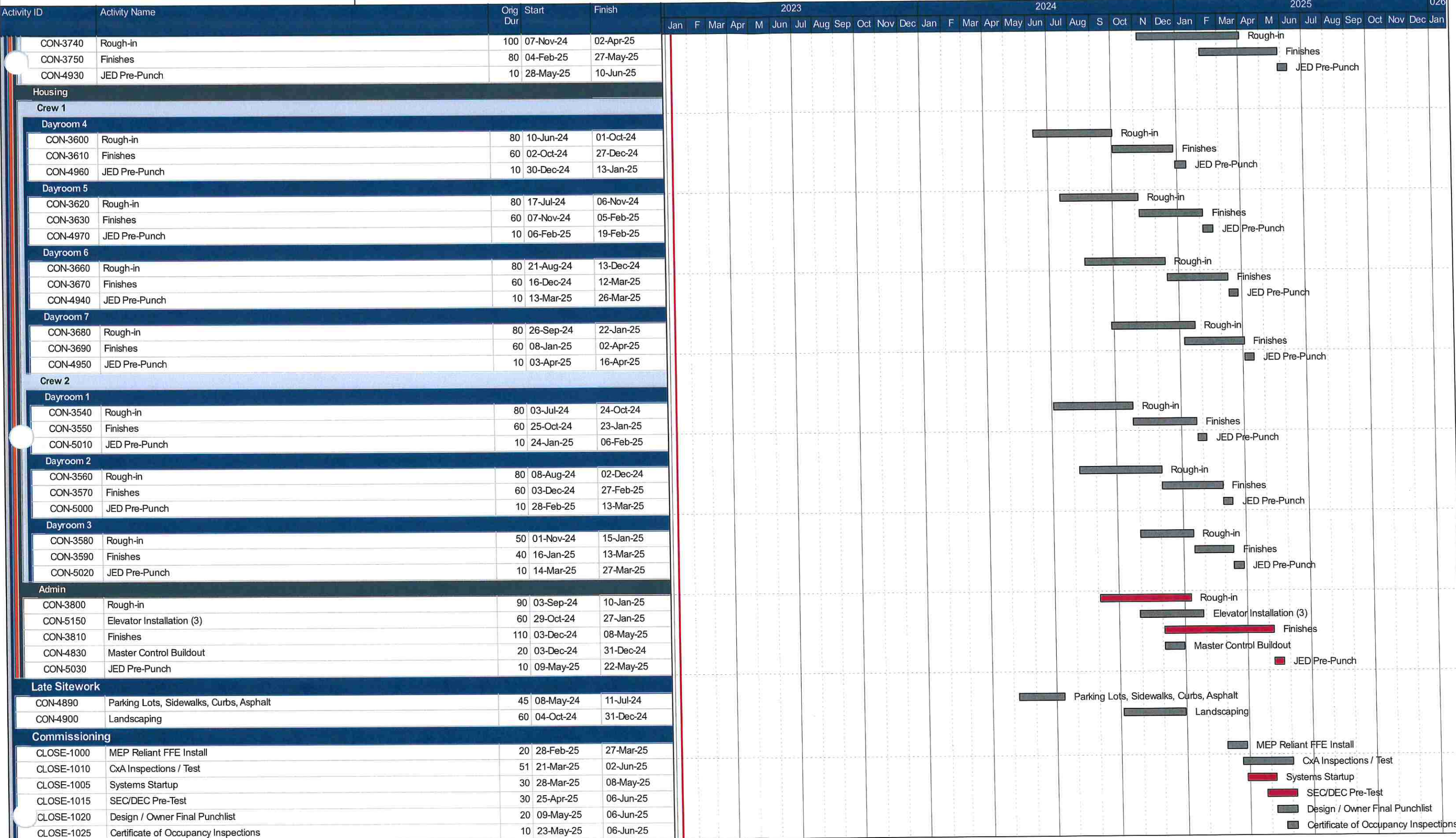


Activity ID	Activity Name	Orig Dur	Start	Finish	2023												2024												2025												
					Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
PRE-7420	Precast Module Fabrication & Delivery	140	22-Sep-23	11-Apr-24	Precast Module Fabrication & Delivery																																				
PRE-7650	Precast Module QC/QA Plant Visit	1	05-Dec-23	05-Dec-23	Precast Module QC/QA Plant Visit																																				
PRE-7660	Precast Module QC/QA Plant Visit	1	16-Feb-24	16-Feb-24	Precast Module QC/QA Plant Visit																																				
PRE-7670	Precast Module QC/QA Plant Visit	1	11-Apr-24	11-Apr-24	Precast Module QC/QA Plant Visit																																				
PRE-7460	Initial Precast Cell Module Delivery	0	12-Apr-24		Initial Precast Cell Module Delivery																																				
<b>Construction</b>																																									
<b>JCMO Design Approval</b>																																									
OWN-5180N	Component Package 2B - Early Footings and Foundations Review	30	23-Aug-23	04-Oct-23	Component Package 2B - Early Footings and Foundations Review																																				
CON-5180	Component Package 2B - Early Footings and Foundations Review Approval (100% DDs)	0		11-Oct-23	Component Package 2B - Early Footings and Foundations Review Approval (100% DDs)																																				
OWN-1620	Component Package 2C Review (100% DDs)	30	24-Oct-23	06-Dec-23	Component Package 2C Review (100% DDs)																																				
OWN-1700	Component Package 2C - Structure & Skin, & Remaining Site Utilities Approval (100% DDs)	0		13-Dec-23	Component Package 2C - Structure & Skin, & Remaining Site Utilities Approval (100% DDs)																																				
OWN-1630	Component Package 3 Review (100% CDs)	30	03-Jan-24	14-Feb-24	Component Package 3 Review (100% CDs)																																				
OWN-1710	Component Package 3 - Finishes Approval (100% CDs)	0		21-Feb-24	Component Package 3 - Finishes Approval (100% CDs)																																				
<b>Design</b>																																									
DSN-1000	Component Package 2C - Structure & Skin, Remaining Site Utilities (100% DDs)	100	17-Apr-23	06-Sep-23	Component Package 2C - Structure & Skin, Remaining Site Utilities (100% DDs)																																				
CON-5170N	Component Package 2B - Early Footings and Foundations	60	17-Apr-23	11-Jul-23	Component Package 2B - Early Footings and Foundations																																				
DSN-1030	Component Package 3 - Finishes (100% CDs)	80	07-Sep-23	02-Jan-24	Component Package 3 - Finishes (100% CDs)																																				
DSN-1020	Component Package 2C - JE Dunn Address & Incorporate Design Comments	3	07-Sep-23	11-Sep-23	Component Package 2C - JE Dunn Address & Incorporate Design Comments																																				
CON-5170	Component Package 2B - JE Dunn Address & Incorporate Comments (100% DDs)	5	05-Oct-23	11-Oct-23	Component Package 2B - JE Dunn Address & Incorporate Comments (100% DDs)																																				
DSN-1040	Component Package 2C - JE Dunn Address & Incorporate Comments (100% DDs)	5	07-Dec-23	13-Dec-23	Component Package 2C - JE Dunn Address & Incorporate Comments (100% DDs)																																				
DSN-1050	Component Package 3 - JE Dunn Address & Incorporate Comments (100% CDs)	5	15-Feb-24	21-Feb-24	Component Package 3 - JE Dunn Address & Incorporate Comments (100% CDs)																																				
<b>Permits</b>																																									
PERMIT-1000	Land Disturbance and Private Grading Permit	25	21-Nov-22 A	20-Jan-23	Land Disturbance and Private Grading Permit																																				
PERMIT-1010	Land Disturbance and Private Grading Permit	0		20-Jan-23	Land Disturbance and Private Grading Permit																																				
PERMIT-1060	Early Footings and Foundations Permit	20	23-Aug-23	20-Sep-23	Early Footings and Foundations Permit																																				
PERMIT-1020	Structural Permit	20	14-Dec-23	12-Jan-24	Structural Permit																																				
PERMIT-1030	Structural Permits Received	0		12-Jan-24	Structural Permits Received																																				
PERMIT-1040	Building Permit	20	22-Feb-24	20-Mar-24	Building Permit																																				
PERMIT-1050	Building Permit Received	0		20-Mar-24	Building Permit Received																																				
<b>Trade Partner Buyout</b>																																									
TPB-11001	Concrete Trade Partner Selection	30	12-Jul-23	22-Aug-23	Concrete Trade Partner Selection																																				
TPB-5170N	Precast Erection Trade Partner Selection	30	12-Sep-23	23-Oct-23	Precast Erection Trade Partner Selection																																				
TPB-1100	Enclosure Trade Partners Selection	20	14-Dec-23	12-Jan-24	Enclosure Trade Partners Selection																																				
TPB-1120	Remaining Trade Partners Selection	20	22-Feb-24	20-Mar-24	Remaining Trade Partners Selection																																				
<b>Early Sitework</b>																																									
CON-2900	Clearing & Grubbing	15	13-Mar-23*	31-Mar-23	Clearing & Grubbing																																				
JED-00100	Clearing and Grubbing Complete ahead of Long Eared Bat Active Season	0		31-Mar-23	Clearing and Grubbing Complete ahead of Long Eared Bat Active Season																																				
CON-2890	Mobilization	5	17-Apr-23	21-Apr-23	Mobilization																																				
CON-5110	Drainage Blanket Aggregate Crushing	90	17-Apr-23	22-Aug-23	Drainage Blanket Aggregate Crushing																																				
CON-5130	Wick Drain Engineering & Submittals	15	17-Apr-23	05-May-23	Wick Drain Engineering & Submittals																																				
CON-5120	Erosion Control	5	24-Apr-23	28-Apr-23	Erosion Control																																				
CON-2910	Site Demolition	15	01-May-23	19-May-23	Site Demolition																																				
CON-2920	Drainage Blanket Aggregate Installation	45	22-May-23	25-Jul-23	Drainage Blanket Aggregate Installation																																				
CON-2960	Wick Drain System Installation	55	30-May-23	15-Aug-23	Wick Drain System Installation																																				
CON-2930	Site Fills - Building Pads & Surcharge Placement	45	13-Jun-23	15-Aug-23	Site Fills - Building Pads & Surcharge Placement																																				
CON-4880	Site Utilities	231	30-Jun-23	29-May-24	Site Utilities																																				
CON-2940	Surcharge Time (Cal. Days)	45	16-Aug-23	29-Sep-23	Surcharge Time (Cal. Days)																																				
CON-2950	Remaining Grading Site Fills	60	16-Aug-23	08-Nov-23	Remaining Grading Site Fills																																				
<b>U/G MEP &amp; FNDs</b>																																									
<b>Crew 1</b>																																									
CON-4220	2A CUP - U/G MEP & FNDs	30	14-Dec-23	29-Jan-24	2A CUP - U/G MEP & FNDs																																				
CON-4280	Food Service / Laundry - U/G MEP & FNDs	25	30-Jan-24	04-Mar-24	Food Service / Laundry - U/G MEP & FNDs																																				
CON-4200	North Medium / Min Housing (DR 1&2) - U/G MEP & FNDs	24	05-Mar-24	05-Apr-24	North Medium / Min Housing (DR 1&2) - U/G MEP & FNDs																																				
CON-4210	Orientation (DR 3) - U/G MEP & FNDs	19	08-Apr-24	02-May-24	Orientation (DR 3) - U/G MEP & FNDs																																				

Activity ID	Activity Name	Orig Dur	Start	Finish	2023												2024												2025												026	
					Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	S	Oct	N	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Jan
<b>Crew 2</b>																																										
CON-4190	East Medium / Min Housing (DR 4-5) - U/G MEP & FNDs	20	21-Dec-23	22-Jan-24	■ East Medium / Min Housing (DR 4-5) - U/G MEP & FNDs																																					
CON-4360	East Medium / Min Housing (DR 6-7) - U/G MEP & FNDs	20	23-Jan-24	19-Feb-24	■ East Medium / Min Housing (DR 6-7) - U/G MEP & FNDs																																					
CON-4300	Clinic - U/G MEP & FNDs	30	20-Feb-24	01-Apr-24	■ Clinic - U/G MEP & FNDs																																					
CON-4290	Medical / Special Needs - U/G MEP & FNDs	30	05-Mar-24	15-Apr-24	■ Medical / Special Needs - U/G MEP & FNDs																																					
<b>Crew 3</b>																																										
CON-4350	Admin - U/G MEP & FNDs	50	30-Jan-24	08-Apr-24	■ Admin - U/G MEP & FNDs																																					
<b>Structure</b>																																										
<b>SOG</b>																																										
<b>Crew 1</b>																																										
CON-4600	2A CUP - SOG	5	30-Jan-24	05-Feb-24	■ 2A CUP - SOG																																					
CON-4380	East Medium / Min Housing (DR 4-5) - SOG	10	06-Feb-24	19-Feb-24	■ East Medium / Min Housing (DR 4-5) - SOG																																					
CON-4610	Food Service / Laundry - SOG	10	05-Mar-24	18-Mar-24	■ Food Service / Laundry - SOG																																					
CON-5140	Clinic - SOG	10	02-Apr-24	15-Apr-24	■ Clinic - SOG																																					
CON-4620	Medical / Special Needs - SOG	10	16-Apr-24	29-Apr-24	■ Medical / Special Needs - SOG																																					
CON-4450	East Medium / Min Housing (DR 6-7) - SOG	10	30-Apr-24	13-May-24	■ East Medium / Min Housing (DR 6-7) - SOG																																					
CON-4390	North Medium / Min Housing (DR 1&2) - SOG	15	14-May-24	04-Jun-24	■ North Medium / Min Housing (DR 1&2) - SOG																																					
CON-4400	Orientation (DR 3) - SOG	5	05-Jun-24	11-Jun-24	■ Orientation (DR 3) - SOG																																					
<b>Crew 2</b>																																										
CON-3410	Admin / Intake / Courts - Prep & Pour SOG	35	09-Apr-24	28-May-24	■ Admin / Intake / Courts - Prep & Pour SOG																																					
<b>Precast</b>																																										
<b>Crew A - Modules &amp; HC</b>																																										
CON-3950	Dayroom 4 - East Medium / Min Housing - Modules	5	12-Apr-24	18-Apr-24	■ Dayroom 4 - East Medium / Min Housing - Modules																																					
CON-4470	Dayrooms 4 East Medium / Minimum - Walls & HC	20	19-Apr-24	16-May-24	■ Dayrooms 4 East Medium / Minimum - Walls & HC																																					
CON-4630	Dayroom 5 - East Medium / Min Housing - Modules	5	17-May-24	23-May-24	■ Dayroom 5 - East Medium / Min Housing - Modules																																					
CON-4480	Dayrooms 5 East Medium / Minimum - Walls & HC	21	24-May-24	24-Jun-24	■ Dayrooms 5 East Medium / Minimum - Walls & HC																																					
CON-4170	Dayroom 6 - East Medium / Min Housing - Modules	5	25-Jun-24	01-Jul-24	■ Dayroom 6 - East Medium / Min Housing - Modules																																					
CON-4490	Dayrooms 6 East Medium / Minimum - Walls & HC	20	02-Jul-24	30-Jul-24	■ Dayrooms 6 East Medium / Minimum - Walls & HC																																					
CON-4640	Dayroom 7 - East Medium / Min Housing - Modules	5	31-Jul-24	06-Aug-24	■ Dayroom 7 - East Medium / Min Housing - Modules																																					
CON-4570	Dayrooms 7 East Medium / Minimum - Walls & HC	20	07-Aug-24	04-Sep-24	■ Dayrooms 7 East Medium / Minimum - Walls & HC																																					
CON-4070	Medical - Walls & HC	40	05-Sep-24	30-Oct-24	■ Medical - Walls & HC																																					
CON-5090	Special Needs - Walls & HC	20	31-Oct-24	27-Nov-24	■ Special Needs - Walls & HC																																					
<b>Crew B - Walls &amp; HC</b>																																										
CON-4460	2A CUP Precast Walls	15	09-Apr-24	29-Apr-24	■ 2A CUP Precast Walls																																					
CON-4060	Food Service / Laundry - Walls & HC	20	30-Apr-24	28-May-24	■ Food Service / Laundry - Walls & HC																																					
CON-3940	Dayrooms 1 - West Medium / Min Housing - Modules	5	05-Jun-24	11-Jun-24	■ Dayrooms 1 - West Medium / Min Housing - Modules																																					
CON-3960	Dayrooms 2 & 1 - East Medium / Min Housing - Modules	5	12-Jun-24	18-Jun-24	■ Dayrooms 2 & 1 - East Medium / Min Housing - Modules																																					
CON-4590	Dayrooms 2 - North Medium / Min Housing - Walls & HC	20	19-Jun-24	17-Jul-24	■ Dayrooms 2 - North Medium / Min Housing - Walls & HC																																					
CON-4510	Dayrooms 1 - North Medium / Min Housing - Walls & HC	20	18-Jul-24	14-Aug-24	■ Dayrooms 1 - North Medium / Min Housing - Walls & HC																																					
CON-4080	Clinic - Walls & HC	15	15-Aug-24	05-Sep-24	■ Clinic - Walls & HC																																					
CON-3970	Dayroom 3 - Orientation - Modules	5	06-Sep-24	12-Sep-24	■ Dayroom 3 - Orientation - Modules																																					
CON-4670	Dayroom 3 - Orientation - Walls & HC	20	13-Sep-24	10-Oct-24	■ Dayroom 3 - Orientation - Walls & HC																																					
<b>Crew C - Walls &amp; HC</b>																																										
CON-5060	Admin Precast Walls (East)	25	26-Jun-24	31-Jul-24	■ Admin Precast Walls (East)																																					
CON-4160	Admin Precast Walls (West)	45	01-Aug-24	03-Oct-24	■ Admin Precast Walls (West)																																					
<b>Steel</b>																																										
CON-3420	Admin / Intake / Courts - Structural Steel	40	29-May-24	24-Jul-24	■ Admin / Intake / Courts - Structural Steel																																					
<b>Pour Backs</b>																																										
CON-4530	Dayroom 4 - East Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back	5	19-Apr-24	25-Apr-24	■ Dayroom 4 - East Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back																																					
CON-4680	Dayroom 5 - East Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back	5	24-May-24	31-May-24	■ Dayroom 5 - East Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back																																					
CON-4550	Dayroom 1 - North Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back	5	19-Jun-24	25-Jun-24	■ Dayroom 1 - North Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back																																					
CON-4700	Dayroom 2 - North Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back	5	26-Jun-24	02-Jul-24	■ Dayroom 2 - North Medium / Min Housing - Shallow U/G MEP & SOG @ Pour Back																																					
CON-4560	Dayroom 3 - Orientation - Shallow U/G MEP & SOG @ Pour Back	5	13-Sep-24	19-Sep-24	■ Dayroom 3 - Orientation - Shallow U/G MEP & SOG @ Pour Back																																					
CON-4710	Medical - Shallow U/G MEP & SOG @ Pour Back	5	31-Oct-24	06-Nov-24	■ Medical - Shallow U/G MEP & SOG @ Pour Back																																					

Activity ID	Activity Name	Orig Dur	Start	Finish
CON-5100	Special Needs - Shallow U/G MEP & SOG @ Pour Back	5	02-Dec-24	06-Dec-24
<b>Enclosure</b>				
Skin				
CON-3500	Zone 1 - CUP, North Dayrooms, & Additional Support - Enclosure	10	30-Apr-24	13-May-24
CON-3510	Zone 2 - East Dayrooms - Enclosure	10	14-May-24	28-May-24
CON-5080	Admin Glazing - Enclosure	10	04-Oct-24	17-Oct-24
Roof				
Crew 1				
CON-2700	Dayroom 4 Roof Dry-in	15	17-May-24	07-Jun-24
CON-2710	Dayroom 5 Roof Dry-in	15	25-Jun-24	16-Jul-24
CON-2730	Dayroom 6 Roof Dry-in	15	31-Jul-24	20-Aug-24
CON-2740	Dayroom 7 Roof Dry-in	15	05-Sep-24	25-Sep-24
CON-3450	Clinic -Roof Dry-in	20	26-Sep-24	23-Oct-24
CON-2690	Dayroom 3 Roof Dry-in	15	11-Oct-24	31-Oct-24
CON-3440	Programs / Female Medical / Special Housing - Roof Dry-in	21	01-Nov-24	03-Dec-24
Crew 2				
CON-3480	CUP - Roof Blocking & Dry-in	10	30-Apr-24	13-May-24
CON-3460	Food Service / Laundry / Receiving Roof Blocking & Dry-in	12	29-May-24	13-Jun-24
CON-2660	Dayroom 1 Roof Dry-in	15	12-Jun-24	02-Jul-24
CON-2680	Dayroom 2 Roof Dry-in	15	18-Jul-24	07-Aug-24
CON-3470	Admin / Intake / Courts - Roof Blocking & Dry-in (East)	35	22-Aug-24	10-Oct-24
CON-5070	Admin / Intake / Courts - Roof Blocking & Dry-in (West)	35	11-Oct-24	02-Dec-24
<b>Interior Finishes</b>				
Support				
CMU				
Before Precast Walls				
CON-4840	Kitchen & Laundry - CMU	25	19-Mar-24	22-Apr-24
CON-4860	Special Needs - CMU	30	30-Apr-24	11-Jun-24
CON-4870	Medical Housing & Infirmary - CMU	30	30-Apr-24	11-Jun-24
Crew 1				
CON-4720	Transportation - CMU	10	11-Jul-24	24-Jul-24
CON-4730	Re-entry - CMU	10	25-Jul-24	07-Aug-24
CON-4740	Intake S - CMU	10	08-Aug-24	21-Aug-24
Crew 2				
CON-4750	Visitation - CMU	15	06-Sep-24	26-Sep-24
Crew 3				
CON-4760	Admin - CMU	5	25-Jul-24	31-Jul-24
Crew 4				
CON-4780	Intake W - CMU	15	25-Jul-24	14-Aug-24
CON-4810	Records - CMU	10	15-Aug-24	28-Aug-24
Dayrooms				
CON-4820	Dayrooms 1 - 7 - CMU	50	17-May-24	29-Jul-24
CUP				
CON-3530	CUP Buildout	60	14-May-24	07-Aug-24
CON-5160	Set & Terminate Switchgear	10	12-Nov-24	25-Nov-24
Food Service / Laundry / Receiving				
CON-3720	Rough-in	80	14-Jun-24	07-Oct-24
CON-3730	Finishes	60	26-Aug-24	18-Nov-24
CON-4910	JED Pre-Punch	10	19-Nov-24	04-Dec-24
Programs / Female Medical / Special Housing				
CON-3760	Rough-in	100	07-Nov-24	02-Apr-25
CON-3770	Finishes	80	30-Jan-25	21-May-25
CON-4920	JED Pre-Punch	10	22-May-25	05-Jun-25
Transportation / Clinic / Medical				





**End of Exhibit 4**

# Legend

Letter = Precast Wall Crew

# = Sequence of Work

A Crew = 300 T

B Crew = 300 T

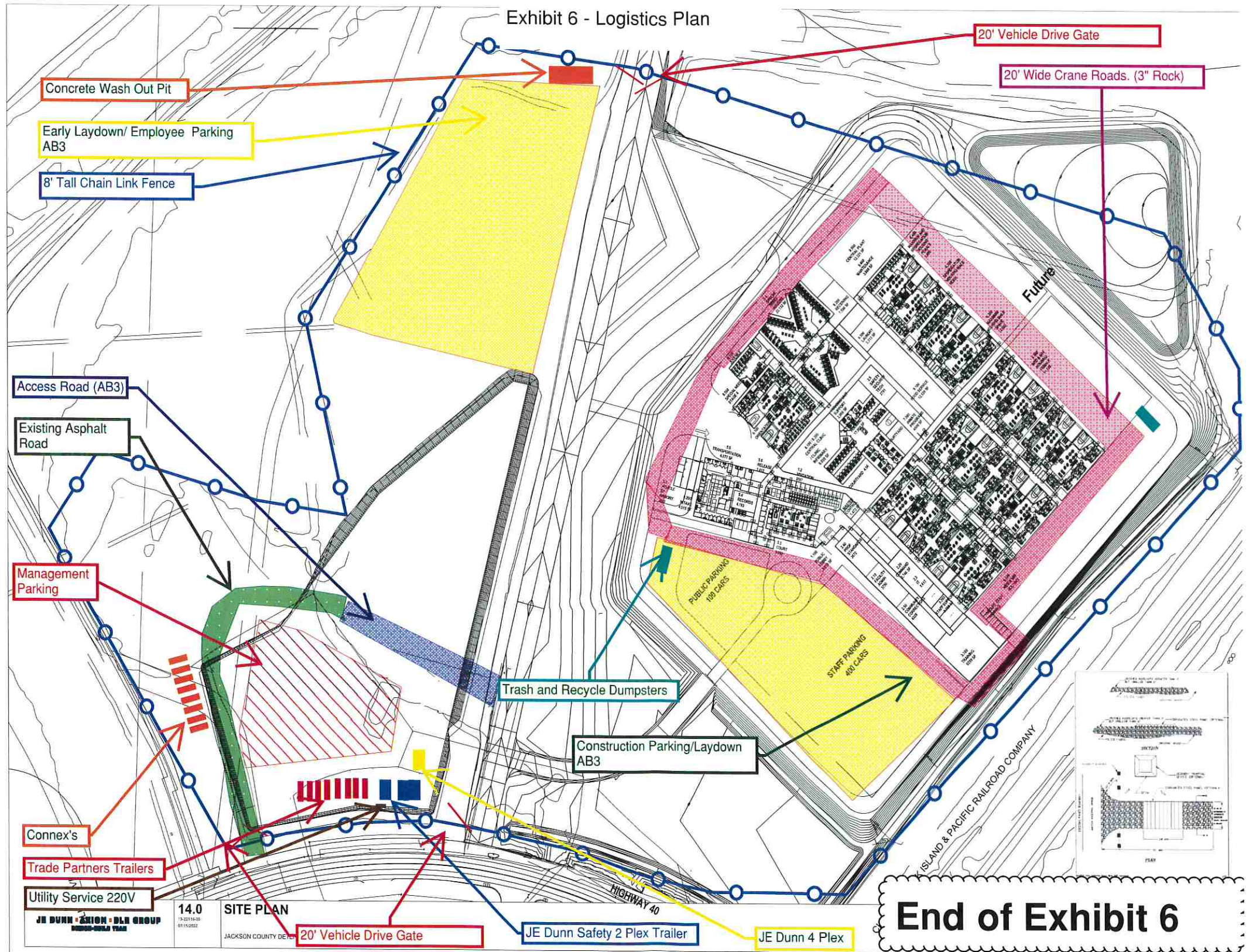
C Crew = 200 T

# Exhibit 5 - Sequence



Crane Path (typical)

Exhibit 6 - Logistics Plan



# Exhibit 7

Jackson County Detention Center  
Exhibit 7 - GMP Clarifications  
03/14/2023

## General

1. This Guaranteed Maximum Price (GMP) Proposal is based on Schematic Documents dated February 10<sup>th</sup>, 2023, and supporting documents as outlined in the attached Exhibit B –Contract Documents including listed Drawings and Specifications. The GMP is based on Option #3, which includes 1,000 beds and the recommended VE items.
2. This GMP is based upon the attached Exhibit 8 – Criteria Modification Log that highlights Owner approved criteria modifications.
3. The GMP Proposal is based on the Geotechnical Engineering Report provided by CFS dated September 8<sup>th</sup>, 2022.
4. The Master Schedule includes a total of Ninety (90) lost weather days, based on NOAA's 10-year average for the Kansas City region. A lost day can occur during the weather event itself, as well as days following the event such as muddy conditions after rain, or snow and ice build-up following a winter storm which impacts critical path activities. Lost weather days exceeding this allowance shall be considered a Force Majeure Event.
5. The Project Site is assumed to be free of any unknown above ground or below ground hazardous materials and/or hazardous conditions, as well as any environmental and/or endangered species, flora, fauna, or wetlands requiring mitigation. The Design/Builder is aware of the two wetlands located on site and the existing long eared bat population that requires the site to be clear of trees prior to March 31<sup>st</sup>, 2023. This GMP assumes the trees to be removed prior to this date.
6. The GMP is based upon using the following Teamed Trade partners who were selected based on a best value selection process, those trade partners are as follows:
  - a. Kissick Construction – Mass Excavation (Lump-Sum)
  - b. Cornerstone Detention – Security Electronics (Lump-Sum)
  - c. Cornerstone Axiom JV LLC. - Modular Cells Supply (Lump-Sum)
  - d. Mark One Electric – Electrical (GMP)
  - e. US Engineering – Mechanical (GMP)
  - f. American Fire Protection – Fire Protection (GMP)
  - g. CML Security – Detention Equipment (Lump-Sum)
  - h. Flynn Midwest – Membrane Roofing (Lump-Sum)
  - i. Enterprise Precast – Precast Wall Panels/Hollow-Core Supply (Lump-Sum)
  - j. Midland Marble and Granite – Tile (Lump-Sum)
7. Per letter received from JCDC on January 24, 2023, titled Jackson County Detention Center -JE Dunn Self Perform, the GMP includes budgets for the concrete, masonry, precast erection, miscellaneous steel, and carpentry from JE Dunn Self-Perform Group/Axiom Construction Group. These scopes of work will be procured after the GMP using the best-value approach as described in our Design-Build agreement.
8. The GMP includes Cornerstone, Axiom JV LLC as a 59%/41% joint venture. Based on past conversations with Jackson County compliance, this JV will be counted as 100% MBE for the precast cell module fabrication Scope of Work.

9. Included in the GMP is a full-size cell mock-up to be reviewed at the cell module plant.
10. Included in the GMP is a functional exterior elevation mock-up that will include precast, curtain wall/glass, and other skin components that can be tested for functionality on site.
11. The final Contractor Utilization Plan will be reconciled with the final submission of Component Package 3.
12. A \$90,000 allowance for ~100 LF of 12' tall, galvanized chain link fencing is included at 3 locations. Each location includes a 4'x7' Tymetal 2150 Pedestrian Gates. This allowance is included in the Owner Contingency amount and will be moved to a CSI division once final design of the area is complete and formal documents can be bid.
13. Component Package 1 details work that pertains to continuation of design documents, site demolition, site development and earthwork that is directly tied to this GMP submission. Component Package 1 does not include a complete foundation package. This package will be brought forward and introduced as Component Package 2B.
14. Component Package 2A details work that pertains to engineering, detailing, mockups, and early procurement of long lead material that are directly tied to this GMP submission. The balance of Component Package 2 shell and core package of the project will be delivered as Component Package 2C.
15. If Component Package 1 and 2A are not approved simultaneously there will be a schedule and cost impact incurred by the project.

**Program / Design Criteria Package Clarifications**

1. Space # 5.511 Beverage Counter is excluded from project. We do not feel it is needed as space #5.410 Beverage Counter is in the same proximity.
2. Several rooms in the Room Data Sheets appear to have cabinet "Material" and "Worksurface" material reversed. In lieu of what is defined in the room data sheet we have assumed the following:

- A 107 Records Window: Wood Cabinet/ Solid Surface Worksurface
- A 113 Mother's Room: Wood Cabinet/ Solid Surface Worksurface
- B 209 Workroom: Plastic Laminate Cabinet/ Solid Surface Worksurface
- B 210 Kitchen: Plastic Laminate Cabinet/ Solid Surface Worksurface
- B 217 Workroom: Plastic Laminate Cabinet/ Solid Surface Worksurface
- B 219 Break & Vending: Plastic Laminate Cabinet/ Solid Surface Worksurface
- B 223 Workroom: Plastic Laminate Cabinet/ Solid Surface Worksurface
- B 227 Break & Vending: Plastic Laminate Cabinet/ Solid Surface Worksurface
- C 301 Lounge: Plastic Laminate Cabinet/ Solid Surface Worksurface
- C 302 Classroom: Plastic Laminate Cabinet/ Solid Surface Worksurface
- C 303 Meeting Room: Plastic Laminate Cabinet/ Solid Surface Worksurface
- C 304 Computer Lab: Plastic Laminate Cabinet/ Solid Surface Worksurface
- C 310 Laundry: Plastic Laminate Cabinet/ Solid Surface Worksurface
- C 316 Break/Dining/Vending: Plastic Laminate Cabinet/ Solid Surface Worksurface
- C 318 Mother's Room: Wood Cabinet/ Solid Surface Worksurface
- D 401 Control Room: Plastic Laminate Cabinet/ Solid Surface Worksurface
- E 502 Main Armory: Plastic Laminate Cabinet/ Solid Surface Worksurface
- E 508 Law Enforcement Paperwork Area: No Base Cabinet/Solid Surface Worksurface
- E 513 Transfer Counter: No Base Cabinet/ Solid Surface Worksurface



E 531 Kitchen: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 E 539 Release Waiting: No Base Cabinet/Solid Surface Worksurface  
 E 542 Large Open Workstation: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 F 622 Beverage Counter (Inmate): Plastic Laminate Cabinet/ Solid Surface Worksurface  
 F 624 Issue Room: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 F 633 Break Area: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 802 Exam Room: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 803 Treatment Room: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 804 Lab: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 806 Dental Suite: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 807 Dental Lab & Workroom: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 809 Medication Storage: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 811 Multi-Purpose Room: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 813 Food & Bevg Staging/ Dist.: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 822 Issue Room (Medical): Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 834 Work Alcove: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 H 838 Large Open Workstation: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 J 937 Mail Room: Plastic Laminate Cabinet/ Solid Surface Worksurface  
 J 946 Beverage Counter: Plastic Laminate Cabinet/ Solid Surface Worksurface

3. As approved through the VE process, the reduction in dayroom sizes and inclusion of two (2) ADA cell per unit. An inmate toilet was deleted from each dayroom in program spaces Male Max (6.215), Male Seg (6.313), Male Medium/Minimum (6.512) including proposed dorm, Female Medium/Minimum (6.612) and Female Special Housing (6.414).
4. As identified through our workshops, the design of the Intake Vehicle Sallyport (Program space # 5.101) and Transportation Vehicle Sallyport (Program Space # 5.102) have been modified to include a single shared interior space that can accommodate both functions. The space is designed to include one vehicle entry door and one vehicle exit door. This revised Combined Vehicle Sallyport has been designed to allow for parking of 6 patrol vehicles. It also is designed to accommodate parking for 1 bus. This combined space shall be provided as sized on Schematic Design Drawings included with this proposal. The modifications defined herein shall take precedence over SF requirements, vehicle parking counts, vehicle door requirements and separation requirements defined in the Design Criteria Package.
5. Vol. 1, Section 5.100 indicates that intake sallyport shall have separate entry and exit overhead doors but room data sheet E 500 calls for Tri-Fold Sallyport Doors. Specification section 32 31 15 suggests Four-Fold Doors. We have provided solid four-fold doors at the combined Intake Vehicle Sallyport/ Transportation Vehicle Sallyport in lieu of mesh type as specified.
6. Vol. 1, space program 5.000 Intake/Transportation/Release Vehicle Sallyport indicated that a separate security vestibule for emergency vehicles to access the central clinic and healthcare area. The current proposal assumes that emergency vehicles will park within the transportation vehicle sallyport in one of the designated Bus or Van parking spaces. Entrance from the Transportation vehicle sallyport into the building includes a secure pedestrian sallyport with access to the corridor adjacent to Infirmary Clinic that is sized appropriately for emergency personnel access.

7. Room Data Sheets B 207 Standard Open Workstation, B216 Large Open Workstation, & E 534 Standard Open Workstation do not call for casework, we have excluded casework work surfaces at these locations (assumed to be Owner provided FF&E).
8. Proposal based upon the use of Cornerstone Detention to produce Modular Precast Concrete cells per spec section 13 34 23. Modules will be constructed at a remote job site that will not be PCI or NPCA certified.
9. Proposal is based upon the use of Enterprise Precast for architectural and structural precast panel supply and hollow-core and double-T supply. Enterprise currently has limited PCI certification due to an acquisition of a local Kansas City precast plant. The architectural panel with integral color, form liners, sandblast/acid etch located at the south elevation will be cast in their PCI certified plant in Omaha. Precast Double-T's and hollow-core will be manufactured in PCI certified plants. The remainder of the panels will likely be cast in the new plant with is APA certified. This plant is in the process of obtaining PCI certification and may achieve such prior to production but this cannot be guaranteed.
10. Heated slab at combined Intake Vehicle sallyport and Transportation Vehicle sallyport (Room Data Sheet Numbers E 500 and E 501) is limited to the drive path in from the parking lot access drive to the Combined Sallyport vehicle entry door and the drive path from vehicle exit door of combined vehicle sallyport out to the vehicle gate located in the fence.
11. For Space # 8.125 Staff lockers there is no room data sheet provided. We have included 32 metal lockers 18" wide x 18" Deep x 3' high. Lockers will be arranged in a double-tier configuration.
12. Included in GMP are 125 male lockers 18 x 24 x 6'H and 69 female lockers at 18 x 24 x 6'H with integrated bench and boot storage drawer in the Men's 3.201 and Women's locker rooms 3.201. An additional 3 female and 7 male 18 x 24 x 6'H lockers without integrated benches for accessibility are provided for a total of 72 female and 132 male for total of 204 lockers per the DCP.
13. As there is no Room Data Sheet for A 117, we have used the Room Data Sheet for B216 Large Open Workstation as the basis of the GMP.
14. As there is no Room Data Sheet for B 215, we have used the Room Data Sheet B205 Small Office as the basis of the GMP.
15. As there is no Room Data Sheet for J 926, we have provided an eyewash station.
16. As there is no Room Data Sheet for E 505, we have used Room Data Sheet E 543 1-Person Holding Cell as the basis of the GMP.
17. All cells provided with interior height to bottom of ceiling at 8'-0". Bottom of surface mounted ceiling devices/ fixtures will be lower than 8' above finished floor.
18. Average height to bottom of the dayroom roof structures in dayroom housing to be 22'-4" at typical 2 tier housing units.
19. The program calls for 3 each of Space #5.507, 16-Person Group Holding Cells (Room data sheet #E 537). Our proposal only includes 2 of these cells. We have excluded the requirement for automatic drop-down vinyl curtains to cover or block view based upon proposed configuration of these cells.
20. Added approximately 1,500 square foot Virtual Reality training room.

## **Sitework**

1. One entrance off US Highway 40 is included in the design. Two entrances off Ewing Avenue are provided.
2. Finished Floor Elevation is assumed to be at 762.50, which is 1'.5" above the 500-year floodplain.
3. Per the geotechnical report conducted by CFS, alluvial soils are present on site due to the nature of the Blue River. Due to this, there is a long-term settlement concern that will require the use of prefabricated vertical drains (Wick Drains) to be installed under the building footprint and locations at site utilities. The GMP currently includes a wick drain triangular spacing of 4' underneath the building footprint and wick drain 9' triangular spacing under all other hardscapes. Wick Drain spacing correlates with the amount of time the existing fill will need to settle prior to construction activities proceeding.
4. 122 Public and 412 Staff Parking Spaces are provided.
5. The water meter vault has been included in this GMP. The water meter assembly should be procured by Jackson County through the city/local utility company and installed once all fees are paid.

## **Foundations and Structure**

1. Raised slabs have been included for officer workstations within the dayrooms and at the Intake slab in the administration building.
2. Structures consist of cell modules, architectural/structural precast, double-T's, CMU, and hollow core. The administration building will consist of structural steel with a slab on metal deck for the 2<sup>nd</sup> floor.

## **Enclosure and Roofing**

1. Clerestory windows at Stage 1-3 Housing and Juvenile Housing are provided via rooftop clerestory light wells. Light wells shall be doghouse structures comprised of cold formed metal framing applied on top of precast roof structure. Openings in precast structure shall be provided for light to enter space. Security will be provided via woven wire rod assemblies attached to precast structure.
2. GMP includes an adhered gray Thermoplastic-Polyolefin (TPO) roof that achieves a minimum R-value of 30. This includes a 2.7" base layer of Polyiso with tapered insulation. Our teamed trade partner Flynn, has confirmed a vapor barrier is not required to provide a full warranty with a gray TPO roof on this project.

## **Partitions and Finishes**

1. Where room data sheets call for gypsum board and high impact gypsum board partitions, we have excluded furring and gypsum board at locations where we have provided masonry or precast wall partitions/ building perimeter. Except in spaces accessible to the public, courts and two-story administration building.

2. CMU partitions have been included in various secure areas in lieu of precast. These areas include housing area showers, housing area restrooms, Stage 1-4 Male Special Needs, the medical/clinic area, Kitchen/Laundry, intake, and visitation.

### **Specialties, Equipment and Furnishings**

1. We have included nurse call functionality at locations as indicated through the use of detention intercom system.
2. Laundry equipment space has been sized for a total inmate population of approximately 1,800 and is based on a 5-day week operation, 35 hours, with inmate clothing changes 3 times a week, bed linens 1 change a week, terry goods 3 changes a week, and miscellaneous items 2 changes a week. GMP currently includes 4 – 160 pound, 1 – 105 pound, and 1 – 45 pound washer/extractors and 5 – 170 pound and 1- 45 pound dryers. This is based on the 1256 bed count and additional washer/extractors and dryers would be needed at the time of expansion.
3. The kitchen is designed to prepare breakfast, lunch, and dinner for an initial population of 1,256 plus staff with MEP provisions for future expansion of up to 500 additional inmates. Additional equipment will be needed for expansion beyond the 1,256-bed count. The kitchen will function as a cook to serve with tray make-up using insulated trays delivered in carts.
4. Cooler, Freezers, and dry storage rooms shall be located inside the kitchen in close proximity to receiving doors.
5. A separate area included for special diets will provide separation for Kosher food.

### **Mechanical, Plumbing and Fire Sprinkler**

1. The smoke management system has been designed using an egress time of 20 minutes for an individual housing unit and a fire load of 1,000 KW. resulting in 40,000 CFM or smoke exhaust. Design is based off the dayroom smoke control analysis questionnaire received from JCDC on January 30th, 2023. Assumptions for the smoke control system are as follows:
  - a. This analysis assumes normal fire conditions.
  - b. This analysis assumes one normal fire condition at a time in a housing unit.
  - c. The GMP includes design for 40,000 total CFM for smoke control in each 2-level dayroom.
2. The 4-pipe water chilled hydronic HVAC System selection was based on utilizing the Federal Energy Management Program (FEMP) Building Life Cycle Cost methodologies and has been followed over a max 40-year study lifecycle with replacement costs applied at year 20. Input has been received from our Mechanical teamed trade partner on initial costs, maintenance costs, and replacement costs.
3. Mechanical Equipment located on the roof is currently screened with taller parapet precast walls. No decorative metal screening has been included in this GMP.

### **Electrical/Low Voltage/Security Systems**

1. The GMP includes utilizing a Milestone video management server with Vicon cameras.

2. Reference the attached Exhibit 11 – JCDC Systems Responsibility Matrix for additional clarity regarding delineation between this proposal and Owner provided work.
3. Only rough-in (conduit) has been included for the distributed antenna system (DAS)- DAS is Owner Provided.
4. We have included a two (2) post rack for contractor provided patch panels and fiber terminations in each IDF room as well as the equivalent of 1.5 KVA UPS capacity at each IDF room for Owner provided equipment. In addition, we have included a 16 KVA UPS at the MDF room to support Owner provided equipment.

**Exclusions:**

1. Costs associated with delays resulting from adjacent project operations and infrastructure work, which is not a part of, or under control of, this Design/Builder.
2. State, County, and Local Sales or Use Taxes.
3. Financing Costs.
4. Property acquisition costs and fees.
5. Guard services or security services.
6. Demolition of existing buildings and site infrastructure, including existing power poles. This GMP includes site clearing and demolition of existing mobile home pads.
7. Removal of unforeseen structures or obstructions.
8. All utility service line extensions to the project site including domestic water, fire suppression, sanitary sewer, storm sewer, electric, natural gas, and fiber/telecommunications. All utility service company capital costs, development fees, tap/service connection fees, investment fees, inspection fees, or charges of any kind are excluded. Coordination with responsible utility providers is assumed to be by JCDC or Jackson County.
9. Water meter assembly.
10. On-site natural gas main line to the meter and gas meter assembly.
11. Labor to unload or install Owner furnished equipment, and dumpsters for pallets, crating and packaging.
12. Environmental study of any kind.
13. Hazardous material abatement.
14. Commissioning and specialty consultants.
15. Rental of adjacent property or construction staging/parking.
16. Laboratory mockups: Full-size project specific physical assemblies constructed and tested at a testing facility to verify performance characteristics.
17. 08 62 00 Unit Skylights:
  - A. 1.3, A Fall Protection (All units have security bars, deemed not required). Not needed as the skylights have security bars incorporated and act as fall protection devices.
18. 07 72 00 Roof Accessories:
  - A. A1.2, A.4 Integral Spring-type vibration isolators. Presumed that this this is covered with mechanical specifications.
  - B. 1.2, A.5 Wind Restraint Straps
  - C. 1.2, B.4 Wind Restraint Straps

19. 1.2, J Roof Walkway: Formed from aluminum sheet. Standard roof walking pads have been included in the roof spec. 08 62 00 Unit Skylights:
  - A. 1.3, A Fall Protection (All units have security bars, deemed not required)
20. Clerestory windows at Space #s 5.202 Open seating (Intake), 5.216 Open holding (Intake), 8.307 Dayroom (Medical).
21. Operable windows at dayroom or recreation areas. Recreation areas have access to fresh air via partial woven wire rod ceiling enclosure assembly.
22. Vol. 1, Section 2.5.7 Intake Vehicle Sallyport calls for physical separation between law enforcement vehicles and inmates with the sallyport. The program does not support this requirement. We have excluded this physical separation.
23. We are not including the traffic signal at US HWY 40. Traffic Study suggests the new Detention Center will not need a traffic light. If there is a new facility built (i.e., Sheriff's Office) on the current development the traffic study will have to be reviewed and mostly likely will require a traffic signal.
24. Room Data Sheet J 955 calls for Dedicated HVAC units at Branch Electrical Rooms. We have excluded dedicated HVAC units at these locations and have instead provided cooling from AHU/RTUs serving adjacent spaces.
25. Room Data Sheet E 500 calls for redundant HVAC system. We have excluded this from our proposal. HVAC for the Intake Vehicle Sallyport will be heat and vent only.
26. Space Program 5.101 Intake Vehicle Sallyport Comments calls for a heated slab. Room Data sheet E 500 Calls for in slab snow melt system at Intake Vehicle Sallyport. This is an interior heated space, so we have excluded this from our proposal.
27. Room Data Sheets H814 and H815 call for medical headwall units at Infirmary Cells. Based upon discussions with JCDC Partners we have excluded headwalls and have provided room for bottle storage near the Infirmary.
28. Bullet Resistant Glazing at exterior of building including primary entrance and judge's offices.
29. Area of refuge enclosed fence area. In almost every instance, evacuation required at housing units will be accomplished from one space to an adjacent housing space.
30. Cost of construction for the Gas Utility Service Provider to extend services to the meter location located adjacent to the Central Utility Plant. This includes the cost of the meter itself.
31. Cost of construction for the Electrical Utility Service Provider to extend services to the transformer location. This includes the cost of the transformers itself.
32. Dumbwaiters per Vol. 2 Spec section 14 10 00.
33. Wheelchair Lifts per Spec Section 14 42 00.
34. Vol. 2, Spec Section 13 42 23 requirement that production facility shall be certified by PCI or NPCA.
35. Rooftop mechanical penthouse per Room data sheet J 959. Equipment shall be roof mounted and have enclosures for hydronic piping where required.
36. Room Data Sheet call for stainless steel partitions and doors at coolers and freezers. We exclude stainless steel partitions and doors and have included cooler/ freezer manufacturers standard insulated wall assembly with galvalume face panels.
37. Glazed wall between Space # 3.212 Break/Dining/Vending and adjacent corridor as called for per Room Data Sheet C 316. Room configuration does not support this.
38. Access floor at courtroom well spaces as called for in room data sheets E 526 and E 527.

39. Automatic glass sliding doors at space #1.101 staff and public entry vestibule as called for per Room Data Sheet A 100. We have provided aluminum storefront entrance doors with ADA operators as required.
40. Double doors at Space #s 5.301, 5.302, 5.303 for courtrooms and associated vestibules per Room Data Sheet sheets E 525, E 526 & E 527. We have provided single doors.
41. Cart washing machine as indicated per room data sheet J 921. We have included a cart washing area with hose reel and floor trough.
42. OFOI Fixtures, Furnishings and Equipment including but not limited to the following:
  - A. Exterior tables and chairs per RDS C 316 Break/Dining/Vending
  - B. Trash Compactor and Dumpsters
  - C. Vending Machines
  - D. Dental equipment including lab equipment, dental chairs, compressor, vacuum system, x-ray equipment, x-ray viewers and custom radiology dental casework. (We have included rough in of utilities and final connections after installation).
  - E. Exam room tables with fixed vital station
  - F. Hospital Beds
  - G. Automatic chemical dispenser system for laundry equipment. We have included laundry equipment equipped to receive chemicals from the Owner provided system.
  - H. Janitor Closet Chemical Dispensers
  - I. Lobby Queuing system stanchions
  - J. Open detention moveable seating
  - K. Wellness room fitness equipment including treadmills, elliptical machines, stationary bikes, stair masters, free weights/bars, and squat racks.
  - L. Ozone Sanitation Cabinets
  - M. Metal Shelving and Storage Racks
  - N. Property Storage Rack, Property Storage Bags, Property storage Shelving, Property Storage Bins and Secure Property Storage Cabinets.
  - O. CERT Equipment Lockers and Storage Cabinets
  - P. Residential Appliances (Refrigerators, Medical Storage Freezer, Commercial washer/dryer at Inmate Property Storage and Locker Rooms, Microwaves.
  - Q. Movable public seating
  - R. Tables, chairs, children's chairs, children's tables, movable sofas, lounge chairs, coffee tables, worktables, work benches, Library tables, library chairs, interior courtroom flagpoles and bases.
43. Audio Visual and IT equipment including but not limited to the following:
  - A. Telephones and VOIP Phone Devices
  - B. Video Visitation Equipment/ Video Visitation Kiosks
  - C. Inmate Phone System
  - D. Video Conferencing Equipment- includes inmate system and tele-med/psych/courts system
  - E. Televisions and AV Flat Panels Displays and associated mounting brackets
  - F. Lobby Electronic Information Monitors
  - G. Interactive Wayfinding Digital Signage
  - H. Courts presentation system, electronic docket system, evidence presentation system, court recording system (JAVS)

- I. Ceiling projectors
  - J. Printers
  - K. Cash bond (Bonding) Kiosk
  - L. Visitation Appointment Kiosk
  - M. Money Deposit-Inmate Accounting Kiosk
  - N. Magnetometers
  - O. Metal detectors
  - P. Body Scanners
  - Q. X-Ray Machines
44. Nurse Call/ Code Blue System per Spec section 27 52 23. See clarifications for nurse call functionality provided via detention grade intercom system.
  45. Volume 1 of the DCP, section 2.5.18 defines requirements for Rear Chase including motion detectors that will notify central control of any movement. We have excluded motion detectors at rear chases because we have included door control to limit movement from inside to outside the secure perimeter at all rear chase locations.
  46. Special Inspections. Provided by the Owner
  47. Mechanical, electrical, and plumbing equipment decorative metal screening.
  48. A centralized UPS system as noted in the Design Criteria Package Section 3.2 – General Design and System Criteria.
  49. Engineering, wiring, and devices for the distributed antenna system (DAS).
  50. Sizing of generators for future expansion.
  51. Sound attenuating enclosures for Emergency Generators.
  52. Building FAA Permit
  53. Floodplain Development Permit
  54. Conditional Letter of Map Revision Permit (CLOMR-F)
  55. Drop down vinyl curtain in 16-person Group Holding Cells, Room Data Sheet E537.
  56. Harmonic Filtration at individual VAVs.
  57. Smoke Control systems at Intake and Transportation.
  58. Full-Size courtroom mock-ups.

**End of Exhibit 7**



# Exhibit 8

Request #	Submitted	Request Title	Modification Request	Current Text/Proposed Text	County Signature/Approval
1	07.29.2022	2nd Level ADA Cells	<p>Per Workshop #1 dated 06.21.2022, the Design-Build Team recommends that the requirement for all Medium &amp; Minimum Housing Cells, in order to be ADA compliant as indicated in the Design Criteria Package under the Room Data sheets be revised to note that only cells located on the 1st level are to be ADA compliant, and all 2nd level cells are non-ADA. ADA compliant cells on an upper level would require ADA circulation access via elevator or wheel chair lift which would add additional square footage, equipment and construction cost to the design. There is additional savings in providing more typical combination plumbing fixtures in lieu of ADA Accessible combo fixtures in the 2nd level cells.</p> <p>Note: Request would also include that all housing cells on an upper level be non-ADA.</p>	<p><b>Current Text:</b> Table 24: 6.503 4-person Occupancy ADA Cell (16 Units) Table 24: 6.603 4 Person Occupancy ADA Cell (14 Units)</p> <p><b>Proposed Text:</b> Table 24: 6.503 4-person Occupancy Cell (16 Units) Comment: wet cell w/ ADA cells on 1st Level only Table 24: 6.603 4 Person Occupancy Cell (14 Units) Comment: wet cell w/ ADA cells on 1st Level only</p>	Signed 08.03.2022
2	07.29.2022	Glazing Clarification	<p>The detention glazing specification lists 14 types of detention glazing (SG-1 through SG-14). The room data sheets only reference three types. (SG-1, SG-2, SG-3). The Criteria package and room data sheets define detention levels with SG-1 being ASTM 1915 60-minute glazing, SG-2 being 40-minute detention glazing, and SG-3 being 20-minute detention glazing. The standards imply that SG-1 is used on the exterior detention barrier, SG-2 is used on the dayroom detention barrier, and SG-3 is used on the cell detention barrier. We are requesting the documents list 4 types of detention glazing with the attack ratings being the distinguishing factors. These values (SG-1 through SG-4) will coincide with the room data sheets. Different assemblies for these glazing will be required. For example, SG-3 glazing in a fire rated wall will differ in assembly from SG-3 glazing in an exterior wall, but the attack rating will correspond with the room data sheets and the defined theory.</p>	<p><b>Current Text:</b> SG-1-SG-14 with corresponding test requirements and attack rating.</p> <p><b>Proposed Text:</b> SG-1-SG-4 with corresponding test requirements and attack rating.</p>	Signed 08.16.2022
3	07.29.2022	SEC/IT Room Locations	<p>Telecom rooms are to be located within 295' of the end user devices in lieu of 150' listed in RFP. Cable connecting telecom rooms will be fiber, and not subject to CAT6 cable distance limitations. Fiber does not have the distance or bandwidth limitations that CAT6 copper cabling does. The Division 27 Trade Partner will be installing a fiber backbone between SEC/Telecom rooms to maintain electrical isolation between rooms. Refer to attached page form the BICSI TDM version 14, Chapter 5 page 17 describing the cable limitations at 295 feet. Honoring the 150 feet requirement would double the amount of equipment rooms. This in turn will lead to unnecessary increases in head end electronic equipment.</p>	<p><b>Current Text:</b> Telecom rooms/closets should be spaced throughout the facility to provide a coverage area of less than 150 feet in any direction to the end user devices, with horizontal cabling between rooms to be less than 300 feet apart</p> <p><b>Proposed Text:</b> Telecom rooms/closets should be spaced throughout the facility to provide coverage areas of less than 295 feet in any direction to the end user devices, with horizontal cabling between rooms to be over fiber optic cable.</p>	Signed 09.01.2022
4	07.29.2022	UPS Back-Up	<p>The UPS requirement for the locking control system is four hours. The locking control system is on emergency power. The UPS units are designed to provide power between the time of outage and the generator activation. Reducing the time to an hour will still provide the facility with time to evacuate if the generator does not start. Limiting the UPS time to an hour requires ¼ of the batteries. This is a cost savings for construction as well as long term maintenance when the batteries need to be replaced every five years.</p> <p>Please note that within the Criteria Documents on JCDC page 42, 4.6 – Uninterruptible Power Supplies (UPS) “UPS to be provided with a manual bypass and sized to allow ride-through power upon loss of power with a minimum 15 minutes of backup”.</p> <p>The criteria documents currently have emergency generator power covering the entire facility with the capacity to bring on a 3rd 1.5KW generator for expansion.</p>	<p><b>Current Text:</b> 1.14 DEDICATED UPS A. Description: Single-phase units, rated 120 V, 60-Hz input and output, complying with requirements for UPS-type central battery inverters adequate to supply full connected load for a minimum of four (4) hours.</p> <p><b>Proposed Text:</b> 1.14 SYSTEM UPS A. Description: Single-phase units, rated 120 V, 60-Hz input and output, complying with requirements for UPS-type central battery inverters adequate to supply full connected load for minimum of (15) fifteen minutes.</p>	Signed 09.01.2022

5	07.29.2022	Video System Warranty	The warranty period for the video system is listed as three years. This is longer than the warranty on other systems. Varying the warranty between the locking control system and the video system causes conflicts since the systems are integrated and provided by the same contractor. This also adds additional cost.	<p><b>Current Text:</b> Warranty Period: Three years from date of Substantial Completion.</p> <p><b>Proposed Text:</b> Warranty Period: One year from date of Substantial Completion.</p>	Signed 08.03.2022
6	07.20.2022	LEED v4.0 in lieu of v4.1	The Design Build team requests to be allowed to utilize LEED v4.0 in lieu of LEED v4.1 as specified in the DCP. This approach will provide increased flexibility to achieve the desired LEED Gold rating and also allows to switch to LEED v4.1 at a later time if desired.	<p><b>Current Text:</b> Energy Code: ASHRAE 90.1-2009 LEED Version 4.1 02.2021</p> <p><b>Proposed Text:</b> Energy Code: ASHRAE 90.1-2009 LEED Version 4.0</p>	Signed 08.03.2022
7	07.29.2022	1 Entrance vs 2 off Highway 40	Per our Preliminary Application meeting on June 30, 2022, the KCMO Planning and Development Department approved the two access points off of Ewing Avenue to service our site. Ewing Avenue is a public street and connects directly to US Highway 40. Therefore, one access point for Ewing Avenue off of US Hwy 40 is acceptable. This will have a positive impact on cost, schedule and provide clear circulation. A traffic study is pending and will provide recommendations on the proposed intersection development of Ewing and US Hwy 40. A secondary entrance off of US Highway 40 can be developed at a future date as the parcel west of Ewing Avenue is further developed and defined, but is not part of the scope of this project at this time.	<p><b>Current Text:</b> Segregated public and staff vehicular entry points shall be from US Highway 40.</p> <p><b>Proposed Text:</b> Two access points shall be provided to the site from Ewing Avenue. Ewing Avenue is public street and connects directly to US Highway 40.</p>	Signed 02.08.2023
8	08.04.2022	Female Housing	Per end user direction at OAC meeting dated 07.26.2022, please confirm the design is to deviate from the program criteria document and remove female cells from Unit 1 - Orientation (Co-Ed) Housing and Stage 4 Housing and relocate into revised Female Housing Units.	<p><b>Current Text:</b> Page 22} 2.5.16 Housing Pods   Area – Unit 1-Orientation (Co-ed) (Page 144) Table 20. Orientation Housing Space   6.104 &amp; 6.107 (Page 168) Table 33. Special Needs Housing Stage 1-3 Space   8.404 (Page 170) Table 34. Special Needs Housing Stage 4 Space   8.504</p> <p><b>Proposed Text:</b> (Page 22) 2.5.16 Housing Pods   Area &amp; Component – Unit 1-Orientation* (Page 144) Table 20. Orientation Housing Space  * (Page 168) Table 33. Special Needs Housing Stage 1-3 Space  * (Page 170) Table 34. Special Needs Housing Stage 4 Space  * *(Relocate Female Occupancy Cells into a revised Female Housing Unit)</p>	Not Approved per current SD
9	08.04.2022	Juvenile Housing - Adjusted Bed Count/Cell Types	Per end user direction at OAC meeting dated 07.26.2022, please confirm the design is to deviate from the program criteria document and remove 2-person occupancy cells from Unit 6 - Juvenile Housing and reduce the total number of beds to 8 vs. 12. Revised Component & # Cells: (1) 1-person Occupancy ADA cell and (7) 1-person Occupancy Cell	<p><b>Current Text:</b> Page 22} 2.5.16 Housing Pods   Area – Unit 6-Juvenile (Page 22) 2.5.16 Housing Pods   Area &amp; Component – Unit 6-Juvenile 12 beds*   6.704   1-person Occupancy Cell 3 cells   6.705   2-person Occupancy Cell 4 cells* (Page 153) Table 26. Juvenile Housing Space   6.704   1-person Occupancy Cell 3 units   6.705   2-Person Occupancy 4 units*</p> <p><b>Proposed Text:</b> (Page 22) 2.5.16 Housing Pods   Area &amp; Component – Unit 6-Juvenile 8 beds*   6.704   1-person Occupancy Cell 7 cells*(Page 153) Table 26. Juvenile Housing Space   6.704   1-person Occupancy Cell 7 units*</p>	Signed 09.01.2022

10	08.04.2022	Staff Support - Staff Breakroom Locations	Per end user direction at the OAC meeting dated 07.26.2022, please confirm the design is to include areas for staff dining both outside and inside the secure perimeter.	<p><b>Current Text:</b> • All staff will have access to a Staff Dining Room in an environment that is removed from the feel of an institution.</p> <p>• The staff dining room will consist of both served and self-serve items with a self-serve beverage counter. After-hour meal service with grab-n-go or re therm meals will be provided.</p> <p><b>Proposed Text:</b> All staff will have access to a Staff Dining area outside and inside the secure perimeter of the building. The location of these spaces will be defined in the Schematic Design Documents.</p>	Signed 09.01.2022
11	08.04.2022	Inmate Cells - Underbunk Storage	Per end user direction at OAC meeting dated 07.26.2022, please confirm the design is to include under the bunk storage capabilities at each cell. Inmate property will be held in covered bins place under the bunks.	<p><b>Current Text:</b> (Page 2-24) 2.5.20 Furniture in Cells and Sleeping Rooms All furniture in the cells and sleeping rooms shall be designed with inmate safety as a priority and shall limit ways in which inmates can harm themselves within the sleeping room or cell.</p> <p>To support suicide prevention, beds shall be either a heavy molded plastic or shall be steel-bolted flush to the wall with the frame constructed to prevent its use as an anchoring device. In any of the options described above, the bed shall be approximately 12 to 15 inches above the finished floor. For certain housing classification types with higher security levels open space below the bed shall be enclosed so as to prevent an inmate from barricading themselves under the bed or otherwise accessing that space. Desks shall be attached to the wall with chairs for seating, depending on the housing pod type higher security will have a chair or stool mounted to the floor or wall to prevent throwing.</p> <p><b>Proposed Text:</b> (Page 2-24) 2.5.20 Furniture in Cells and Sleeping Rooms (Add sentence) Provide under the bunk storage capabilities. Inmate property will be held in covered bins place under the bunks. Owner to provide inmate storage bins.</p>	Signed 09.01.2022
12	01.27.2023	Housing Units	Per end user direction at OAC meeting dated 07.26.2022, please confirm the design can include sub-dayrooms in selected housing units to allow for increased out-of-cell time while limiting contact between the inmates.	<p><b>Current Text:</b> (Page 25) 2.5.21 Dayrooms Direct supervision is mandated at all times for the inmate population to be housed at the JCDC. Custody staff shall have a central custody station raised above the floor by 12 to 18 inches to optimize views into inmate-occupied areas. Custody staff are required to move in and around the housing units. Space within the dayroom shall maximize visibility through the space. Columns shall not impede views. Inmate meals shall be eaten within the housing units. Support spaces adjacent to the dayroom, including multipurpose rooms, interview rooms, and private visitation rooms, shall be clearly viewable from the central housing security station.</p> <p><b>Proposed Text:</b> (Page 25) 2.5.21 Dayrooms (Add sentence) Dayrooms may include sub-dayrooms in selected housing units to allow for some classification separation and to increase out-of-cell time while limiting contact between inmates in the same housing unit. (Add sentence to Typical Selected Housing Units Description of Function &amp; Facility Program Enhancements) Dayrooms may include sub-dayrooms in selected housing units to allow for some classification separation and to increase out-of-cell time while limiting contact between inmates in the same housing unit.</p>	Signed 02.08.2023
13	08.04.2022	Intake/Release	Per end user direction at OAC meeting dated 07.26.2022, please confirm that inmates being released from custody will not go through the Public Lobby as part of the design for the Intake/Release area for discretionary purposes.	<p><b>Current Text:</b> (Pages 15-16) 2.5.11 Release &amp; (Page 137) 5.6000 Release – Description of Function If the individual is being released to the community and there are no other warrants or holds from another jurisdiction, the individual is escorted from housing to the Release area and continues through the release process. If there is a hold or outstanding warrant, the individual remains in custody.</p> <p><b>Proposed Text:</b> (Pages 15-16) 2.5.11 Release &amp; (Page 137) 5.6000 Release – Description of Function (Add sentence to Paragraphs on page 16 &amp; 137) Inmates being released from custody will not go through the Public Lobby.</p>	Signed 09.01.2022
14	01.27.2023	No LEED certification	The Design Build team requests to be allowed to eliminate all LEED requirements as specified in the DCP. This approach will provide increased flexibility to achieve the desired VE efforts that are currently under way to reach a GMP budget. Ref VE G2a	<p><b>Current Text:</b> See section 5.1 Schematic Design LEED integrative Process Credit Modeling, section 5.2 Design Development and section 7 LEED Narrative.</p> <p><b>Proposed Text:</b> Eliminate above mentioned LEED requirements entirely.</p>	Signed/Received on 02.08.2023

15	01.27.2023	Integral color concrete floor	The Design Build team requests to be allowed to remove integral color concrete flooring in the housing units. This approach will provide increased flexibility on VE options to reach GMP. Ref G12	Current Text: (Page 30) 2.5.27 Material Selection Proposed Text: (Page 30) 2.5.27 Material Selection eliminate integral color from the material selection	Signed/Received on 02.08.2023
16	01.27.2023	Virtual Reality training room	Per end user direction from Owner, please add a 1500 SF room to be used as a Virtual Reality Training Room. Per P11 on the VE list to get to a GMP.	Current Text: Not currently in program Proposed Text: Add a 1500 SF room to be used as a Virtual Reality Training Room. This room and new system will also include a treadmill to complete the experience of virtual reality.	Signed/Received on 02.08.2023
17	01.27.2023	2 ADA cells in each med/min housing unit	The Design Build team requests to deviate from the program criteria document and reduce the quantity of ADA cells in housing units 3 and units 7-22. This approach will provide increased flexibility on VE options to reach GMP. Ref H3	Current Text: (Page 22) 2.5.16 Housing Pods   Area – Unit 3-Max Cells Male   16 (Page 22) 2.5.16 Housing Pods   Area – Unit 7-18 -Med-Min Male and Female   16 (Page 22) 2.5.16 Housing Pods   Area – Unit 19 -Medical Housing Co-ed   16 (male) & 8 (female) (Page 22) 2.5.16 Housing Pods   Area – Unit 20 -Special Needs Stage 1-3 Male   40 & 4 (Page 22) 2.5.16 Housing Pods   Area – Unit 21 -Special Needs Stage 4 Male   12 (Page 22) 2.5.16 Housing Pods   Area – Unit 22 -Special Needs Stage Female   16 & 4  Proposed Text: Page 30) 2.5.16 Housing Pods   Area – Unit 3-Max Cells Male   2 (Page 30) 2.5.16 Housing Pods   Area – Unit 7-18 -Med-Min Male and Female   2 (Page 30) 2.5.16 Housing Pods   Area – Unit 19 -Medical Housing Co-ed   2 (male) & 2 (female) (Page 30) 2.5.16 Housing Pods   Area – Unit 20 -Special Needs Stage 1-3 Male   2 & 2 (Page 30) 2.5.16 Housing Pods   Area – Unit 21 -Special Needs Stage 4 Male   2 (Page 30) 2.5.16 Housing Pods   Area – Unit 22 -Special Needs Stage Female   2 & 2	Signed/Received on 02.08.2023
18	01.27.2023	Reduce Dayrom height	The Design Build team requests to deviate from the program criteria document and reduce the average height of the structure at dayroom housing from 25'-4" to 22'-4", reduce glazing and smoke exhaust fans on the roof. This request is in conjunction with VE item H21 – Reducing the ceiling height in cells from 9'-0" to 8'-0". See Typ. Dayroom Section on page 2. This approach will reduce project material costs and will provide increased flexibility on VE options to reach GMP. Ref JS, H21	Current Text: Page 340, 347, 352, 363, 388, & 392) Room Data Sheets > Ceiling Height: 25'-0"  Proposed Text: (Page 340, 347, 352, 363, 388, & 392) Room Data Sheets > Ceiling Height: 21'-6"	Signed 02.08.2023
19	01.27.2023	Canopy at transportation sallyport	The Design Build team requests to deviate from the program criteria document and remove the canopy at the Transportation Vehicle Sallyport. This approach will reduce project material costs and will provide increased flexibility on VE options to reach GMP.	Current Text: (Page 125) 5.102 Transportation Vehicle Sallyport Comment: "outdoor area with 2 lanes, partially covered, heated slab, room for bus, parking for 6 vans,...."  Proposed Text: (Page 125) 5.102 Transportation Vehicle Sallyport Comment: "outdoor area with 2 lanes, heated slab, room for bus, parking for 6 vans,...."	Signed 02.08.2023
20	01.27.2023	Cameras inside Med/Min cells	The Design Build team requests to be allowed to delete cameras at Male and Female Med/Min Cells only.	Current Text: 2.5.13 Security: Paragraph 4, Bullet 13: Security cameras shall be used as a deterrent to criminal activity.  Proposed Text: 2.5.13 Security: Paragraph 4, Bullet 13: Security cameras shall be used as a deterrent to criminal activity (except no cameras in Male and Female Med/Min Cells only)	Signed/Received on 02.08.2023

21	01.27.2023	Eliminate Coax at all cells	The Design Build team requests to eliminate coax for all AV/TV locations cells and instead provide data jacks only.	<p><b>Current Text:</b> RDS: F605: AV/Telecommunications: MATV: COAX  RDS: F606: AV/Telecommunications: MATV: COAX  RDS: F607: AV/Telecommunications: MATV: COAX  RDS: F611: AV/Telecommunications: MATV: COAX  RDS: F612: AV/Telecommunications: MATV: COAX  RDS: F613: AV/Telecommunications: MATV: COAX  RDS: F616: AV/Telecommunications: MATV: COAX  RDS: F617: AV/Telecommunications: MATV: COAX  RDS: F618: AV/Telecommunications: MATV: COAX  RDS: F620: AV/Telecommunications: MATV: COAX  RDS: H819: AV/Telecommunications: MATV: COAX  RDS: H820: AV/Telecommunications: MATV: COAX</p> <p><b>Proposed Text:</b> Eliminate MATV:COAX in all of the above referenced rooms</p>	Signed 02.08.2023
22	01.27.2023	Reduce Corridor Widths	The Design Build team requests to reduce corridor widths.	<p><b>Current Text:</b> 2.5.15 Circulation Dimensions  - Public circulation shall have a clear width of at least 12 feet where there is waiting area seating. In public seating areas, circulation corridors must have a clear width of 10 feet.  - Public circulation must have a clear width of 10 feet except where the corridor serves only exit stairs, service spaces, and connection to non-public circulation system...  - Inmate corridors must be at least 12 feet wide</p> <p><b>Proposed Text:</b> 2.5.15 Circulation Dimensions - Public circulation shall have a clear width of at least 10 feet where there is waiting area seating. In public seating areas, circulation corridors must have a clear width of 8 feet. -Public circulation must have a clear width of 8 feet except where the corridor serves only exit stairs, service spaces, and connection to non-public circulation system...- Inmate corridors must be at least 10 feet wide.</p>	Signed/Received on 02.08.2023
23	01.27.2023	Reduce cell height	The D/B team requests to be allowed to reduce the cell heights from 9' to 8'-1" in all housing cells (less Male Seg). The male Segregation lower units will be 10' clear and upper units remain at 8'1".	<p><b>Current Text:</b> 2.5.17 "...The floor-to-ceiling height in inmate cells and multiple occupancy sleeping rooms shall be a minimum clear height of 9 foot..."</p> <p><b>Proposed Text:</b> 2.5.17 "...The floor-to-ceiling height in inmate cells and multiple occupancy sleeping rooms shall be a minimum height of 8'1" foot in all housing cells except male segregation lower units shall be 10' clear with the upper units remaining at 8'1"..."</p>	Signed 02.08.2023
24	N/A	N/A	N/A	<p><b>Current Text:</b></p> <p><b>Proposed Text:</b></p>	NOT USED
25	01.27.2023	Windborne-Debris impact resistance of Exterior glazing	The Design Build team requests to eliminate the requirement for Wind Zone 1 rating for glazing – not a code issue.	<p><b>Current Text:</b> 1.4 PERFORMANCE REQUIREMENTS, B. Windborne-Debris-Impact Resistance of Exterior Glazing: Wind Zone 1</p> <p><b>Proposed Text:</b> ELIMINATE 1.4</p>	Signed/Received on 02.08.2023

26	01.27.2023	Site Lighting levels	The Design Build team requests to deviate from the program criteria document and reduce the site lighting levels from the 3-foot-candle requirement to 1-foot-candle at all occupied areas of the site including parking, walk ways and roads. Pricing is based upon a combination of building wall pack lighting and site pole lighting using 25' tall light poles as needed to comply with code requirements. Proposed pole height was chosen to ensure uniformity of lighting. See lighting plan on page 2 for proposed light fixture layout. This approach will reduce project costs and will provide increased flexibility on VE options to reach GMP. Ref E1	<p><b>Current Text:</b> (Page 6 &amp; page 100) - The type and spacing of outdoor light standards should be selected based on the location of the buildings on the site, surrounding land uses, and environmental conditions. A level of three (3) foot candles should be maintained over the exterior areas of the facility.</p> <p><b>Proposed Text:</b> (Page 6 &amp; page 100) - The type and spacing of outdoor light standards should be selected based on the location of the buildings on the site, surrounding land uses, and environmental conditions. A level of one (1) foot candles should be maintained over the exterior areas of the facility.</p>	Signed/Received on 02.08.2023
27	01.27.2023	Above Grade Sanitary	The Design Build team requests to use PVC for waste piping in above grade non-plenum spaces.	<p><b>Current Text:</b> 1.2 HUBLESS, CAST-IRON SOIL PIPE AND FITTINGS (ABOVE GRADE ONLY) 1.4 PVC PIPE AND FITTINGS (BELOW GRADE ONLY)</p> <p><b>Proposed Text:</b> 1.2 HUBLESS, CAST-IRON SOIL PIPE AND FITTINGS (ABOVE GRADE PLENUM SPACES ONLY) 1.4 PVC PIPE AND FITTINGS (BELOW GRADE AND NON-PLENUM SPACES ONLY)</p>	Signed/Received on 02.08.2023
28	12.05.2022	Below Grade Conduit	The Design Build team requests to use schedule 40 PVC at below grade electrical work in lieu of 80 PVC	<p><b>Current Text:</b> Conduit below grade to be schedule 80 PVC.</p> <p><b>Proposed Text:</b> Conduit below grade to be schedule 40 PVC.</p>	Signed 12.22.2022
29	12.05.2022	Branch feeder wire	The Design Build team requests to use aluminum wire in lieu of copper at all branch feeders.	<p><b>Current Text:</b> Section 26 05 13 Medium-Voltage Cables, 1.2 Cables, C. Conductor: Copper</p> <p><b>Proposed Text:</b> Section 26 05 13 Medium-Voltage Cables, 1.2 Cables, C. Conductor: Aluminum</p>	Signed/Received on 02.08.2023
30	12.05.2022	TPO Roofing	The Design Build team requests to change from white roof to grey roof and eliminate 2-ply vapor barrier.	<p><b>Current Text:</b> See section 07 54 23 Thermoplastic-Polyolefin (TPO) Roofing, 1.4 Materials, B. TPO Roofing, 2. Color: White</p> <p><b>Proposed Text:</b> Section 07 54 23 Thermoplastic-Polyolefin (TPO) Roofing, 1.4 Materials, B. TPO Roofing, 2. Color: Grey</p>	Signed/Received on 02.08.2023

31	01.27.2023	Heated Slab	<p>Per the program criteria document providing heated slabs at the intake vehicle sallyport is required. Please confirm the D/B can deviate from the program criteria document and remove heated slab from the vehicle sallyports. This approach will provide increased flexibility to achieve the desired VE efforts that are currently under way to reach a GMP budget. Ref VE J47 and J48</p>	<p><b>Current Text:</b> (Page 125) 5.101 Intake Vehicle Sallyport Comment: enclosed area, heated slab, oversized lane, room for van and cars</p> <p><b>Proposed Text:</b> (Page 125) 5.101 Intake Vehicle Sallyport Comment: enclosed area, oversized lane, room for van and cars</p>	Signed 02.08.2023
32	01.27.2023	Operable clerestory windows or clerestory windows in intake and medical	<p>Per the program criteria document having operable clerestory windows at intake, medical and dayrooms are required. Please confirm the Design Build Team can deviate from the program criteria document and remove operable clerestory windows from those areas. This approach will provide increased flexibility to achieve the desired VE efforts that are currently under way to reach a GMP budget. Ref VE J49 and J50</p>	<p><b>Current Text:</b> (Page 340) RDS F 608   Windows – Notes: Clerestory Windows Operable Windows (out of reach areas) (Page 352) RDS F 621   Windows – Notes: Operable Windows (out of reach areas) Clerestory Windows (Page 363) RDS F 640   Windows – Notes: Operable Windows (out of reach areas) Clerestory Windows (Page 388) RDS H 821   Windows – Notes: Operable Windows (out of reach areas) Clerestory Windows (Page 392) RDS H 827   Windows – Notes: Operable Windows (out of reach areas) Clerestory Windows</p> <p><b>Proposed Text:</b> (Page 340) RDS F 608   Windows – Notes: Clerestory Windows (Page 352) RDS F 621   Windows – Notes: Clerestory Windows (Page 363) RDS F 640   Windows – Notes: Clerestory Windows (Page 388) RDS H 821   Windows – Notes: Clerestory Windows (Page 392) RDS H 827   Windows – Notes: Clerestory Windows</p>	Signed/Received on 02.08.2023
33	01.27.2023	Commerical ceiling fans	<p>Per the program criteria document having commercial and regular ceiling fans in various rooms throughout the facility as a requirement. Please confirm the Design Build team can deviate from the program criteria document and remove all reference of ceiling fans of any kind from those areas. This approach will provide increased flexibility to achieve the desired VE efforts that are currently under way to reach a GMP budget. Ref VE J51</p>	<p><b>Current Text:</b> (Page 271) RDS C 301   HVAC – Notes: Commercial ceiling fans (Page 281) RDS C 311   HVAC – Notes: Commercial ceiling fans (Page 286) RDS C 316   HVAC – Notes: Commercial ceiling fans (Page 340) RDS F 608   HVAC – Notes: Commercial ceiling fans (Page 347) RDS F 615   HVAC – Notes: Commercial ceiling fans (Page 352) RDS F 621   HVAC – Notes: Commercial ceiling fans (Page 363) RDS F 640   HVAC – Notes: Commercial ceiling fans (Page 388) RDS H 821   HVAC – Notes: Commercial ceiling fans (Page 392) RDS H 827   HVAC – Notes: Commercial ceiling fans (Page 425) RDS J 935   HVAC – Notes: Commercial ceiling fans (Page 431) RDS J 940   HVAC – Notes: Ceiling fans (Page 441) RDS J 951   HVAC – Notes: Ceiling fans</p> <p><b>Proposed Text:</b> Eliminate any reference to ceiling fans</p>	Signed/Received on 02.08.2023

34	01.27.2023	Operable clerestory windows	Per the program criteria document having operable clerestory windows in dayrooms recreation areas and some cells are required. Please confirm the D/B can deviate from the program criteria document and remove operable clerestory windows from those areas but add woven wire mesh over the outdoor recreation area. This approach will provide increased flexibility to achieve the desired VE efforts that are currently under way to reach a GMP budget. Ref VE J49 and J50	<p><b>Current Text:</b> RDS F 608   Windows – Notes: Clerestory Windows Operable Windows (out of reach areas)  RDS F 609   Windows – Notes: Clerestory Windows Operable Windows (out of reach areas)  RDS F 614   Windows – Notes: Clerestory Windows Operable Windows (out of reach areas)  RDS F 615   Windows – Notes: Clerestory Windows  RDS F 620   Windows – Notes: Clerestory Windows  RDS F 621   Windows – Notes: Operable Windows (out of reach areas) Clerestory Windows  RDS F 640   Windows – Notes: Operable Windows (out of reach areas) Clerestory Windows  RDS H 821   Windows – Notes: Operable Windows (out of reach areas) Clerestory Windows  RDS H 827   Windows – Notes: Operable Windows (out of reach areas) Clerestory Windows</p> <p><b>Proposed Text:</b> RDS F 608   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.  RDS F 609   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.  RDS F 614   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.  RDS F 615   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.  RDS F 620   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.  RDS F 621   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.  RDS F 640   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.  RDS H 821   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.  RDS H 827   Windows – Notes: Fixed detention grade windows with 40 minute containment glazing.</p>	Signed 02.08.2023
35	01.27.2023	Remove access floor at courtroom well spaces	The Design Build team requests to remove access floor from the hearing and small jury courtroom. This approach will provide increased flexibility on VE options to reach GMP	<p><b>Current Text:</b> RDS E 526, RDS E 527  Finishes Notes: Raised access floor in well</p> <p><b>Proposed Text:</b> RDS E 526, RDS E 527  Finishes Notes:</p>	Signed/Received on 02.08.2023
36	01.27.2023	Change glass sliding doors at staff and public entry vestibule	The Design Build team requests to eliminate the automatic glass sliding doors at the staff and public entry vestibule. This approach will provide increased flexibility on VE options to reach GMP	<p><b>Current Text:</b> RDS A 100 Doors Notes:  Two sets of double auto sliding doors</p> <p><b>Proposed Text:</b> RDS A 100 Doors Notes:  Aluminum Storefront entrance doors with ADA operators as required.</p>	Signed/Received on 02.08.2023
37	01.27.2023	No centralized UPS system only dedicated UPS for IT/IDF	The Design Build team requests to be allowed eliminate the centralized UPS system and provide a dedicated system for IT/IDF rooms only. This approach will provide increased flexibility on VE options to reach GMP	<p><b>Current Text:</b> Sections 3.2 General Design and System Criteria Telecom equipment to be connected through a centralized Uninterruptible Power Source (UPS) system.</p> <p><b>Proposed Text:</b> Sections 3.2 General Design and System Criteria Telecom equipment to be connected through a Uninterruptible Power Source (UPS) system.</p>	Signed/Received on 02.08.2023
38	01.27.2023	Double doors at 5.301, 5.302, 5.303 (courts)	The Design Build team requests to change the door types for the above referenced rooms to single doors. This approach will provide increased flexibility on VE options to reach GMP	<p><b>Current Text:</b> RDS E 525 Doors Door Type:  Swing double doors  RDS E 526 Doors Door Type:  Swing double doors  RDS E 527 Doors Door Type:  Swing double doors</p> <p><b>Proposed Text:</b> RDS E 525 Doors Door Type: Swing single doors  RDS E 526 Doors Door Type:  Swing single doors  RDS E 527 Doors Door Type:  Swing single doors</p>	Signed/Received on 02.08.2023



39	01.27.2023	Emergency Generators outside of building at sound rated 90dBs	The Design Build team requests to move the emergency generators to outside the building and to increase the sound rating to 90dBs. This approach will provide flexibility on VE options to reach GMP. Reference G12	Current Text: Section 9.600 Central Plant Sub section 9.610 Emergency Generators 2 generators, inside Proposed Text: Section 9.600 Central Plant Sub section 9.610 Emergency Generators 2 generators, outside	Signed/Received on 02.08.2023
40	01.27.2023	Elevated workstations for central command	The Design Build team requests to eliminate the elevated workstations in central command. This approach will provide increased flexibility on VE options to reach GMP.	Current Text: Section General Notes: Elevated workstation Proposed Text: Section General Notes: workstation	Signed/Received on 02.08.2023
41	01.27.2023	Open cable tray is being utilized at the Administration Building (areas east of Release)	The Design Build team requests to use open cable trays in the Administration building. This approach will provide increased flexibility on VE options to reach GMP.	Current Text: Each type of service (fiber, copper, coax) to be separate dedicated conduit. Proposed Text: Each type of service (fiber, copper, coax) to be set in an open cable tray for the Administration Building in the area east of release.	Signed/Received on 02.08.2023
42	01.27.2023	Requirement for the precast plant to be certified PCI or NPCA	The Design Build team requests to remove PCI and NPCA certified production facility. This approach will provide increased flexibility on VE options to reach GMP	Current Text: Section 13 34 23 Modular Precast Concrete Cells B. 5. 5. The production facility must be certified by PCI or NPCA, prior to bid date. Proposed Text: Section 13 34 23 Modular Precast Concrete Cells B. 5.	Signed/Received on 02.08.2023
43	01.27.2023	Rooftop Mechanical penthouse	The Design Build team requests to remove the mechanical penthouse to the roof and have enclosures for hydronic piping where required. This approach will provide increased flexibility on VE options to reach GMP	Current Text: The County preference wherever possible is to have mechanical equipment enclosed indoors such as in mechanical penthouses due to inclement weather in both winter and summer and also due to cottonwood trees and other debris that can clog up HVAC system. Proposed Text: The County preference wherever possible is to have mechanical equipment such as in mechanical penthouses rooftop mounted.	Signed/Received on 02.08.2023
44	01.27.2023	PVC piping to be utilized at above grade waste and storm piping in areas that are not return air plenums.	The Design Build team requests to change any reference to cast-iron storm drainage pipe to PVC. This approach will provide increased flexibility on VE options to reach GMP	Current Text: Section 22 14 23 Storm Drainage Piping Specialties Part 1 Products Any reference to cast-iron Proposed Text: Section 22 14 23 Storm Drainage Piping Specialties Part 1 Products Any reference to PVC	Signed/Received on 02.08.2023

45	01.27.2023	Sanitary Waste and Vent Piping	The Design Build team requests to change the above grade cast-iron soil pipe and fittings to PVC. This approach will provide increased flexibility on VE options to reach GMP	<p><b>Current Text:</b>Section 22 13 16 Sanitary Waste and Vent Piping Part 1 Products 1.2 Hubless, Cast-Iron Soil Pipe and Fittings (above grade only)</p> <p><b>Proposed Text:</b> Section 22 13 16 Sanitary Waste and Vent Piping Part 1 Products 1.2 Hubless, PVC Soil Pipe and Fittings (above grade only)</p>	Signed 02.07.2023
46	01.27.2023	No drop down vinyl curtain in 16-person cells	The Design Build team requests to eliminate the automatic drop down vinyl curtain from cells. This approach will provide increased flexibility on VE options to reach GMP	<p><b>Current Text:</b> RDS E 537 General Notes: Two automatic drop down vinyl curtains from ceiling to cover or block view doors/windows on either side of shared cell.</p> <p><b>Proposed Text:</b> RDS E 537 General Notes:</p>	Signed/Received on 02.08.2023
47	12.05.2022	Hydronic Piping Proposed Fittings	The Design Build team requests to deviate from the program criteria document and change any reference to fittings in Spec Section 23 21 13 Part 3 section 3.1 to pressed fittings in hot and chilled hydronic piping on joints of 2" or smaller and Grooved or butt weld joints on pipe joints 2-1/2" and larger. This approach will reduce project material costs and will provide increased flexibility on VE options to reach GMP.	<p><b>Current Text:</b> A. Hot-water heating piping, shall be any of the following: 1. Type L (Type B), drawn-temper copper tubing, wrought-copper fittings, and soldered joints. 2. Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints. B. Chilled-water piping, shall be any of the following: 1. Type L (Type B), drawn-temper copper tubing, wrought-copper fittings, and soldered joints. 2. Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints. 3. Schedule 40 steel pipe; grooved, mechanical joint coupling and fittings; and grooved, mechanical joints. C. Condenser-water piping, shall be any of the following: 1. Schedule 40 steel pipe, wrought-steel fittings and wrought-cast or forged-steel flanges and flange fittings, and welded and flanged joints. 2. Schedule 40 steel pipe; grooved, mechanical joint coupling and fittings; and grooved, mechanical joints.</p> <p><b>Proposed Text:</b> A. Hot-water heating piping, shall be any of the following: 1. Type L (Type B), drawn-temper copper tubing and fittings. 2. Schedule 40 steel pipe, pressed fittings and grooved or butt weld joints. B. Chilled-water piping, shall be any of the following: 1. Type L (Type B), drawn-temper copper tubing, pressed fittings, and grooved or butt weld joints. 2. Schedule 40 steel pipe, pressed fittings and wrought-cast or forged-steel flanges and flange fittings, and grooved or butt weld joints. 3. Schedule 40 steel pipe; grooved, mechanical joint coupling and fittings; and grooved, mechanical joints. C. Condenser-water piping, shall be any of the following: 1. Schedule 40 steel pipe, pressed fittings and wrought-cast or forged-steel flanges and pressed fittings, and grooved or butt weld welded and flanged joints.</p>	Not Approved per current SD
48	01.27.2023	Sloped Floor	The Design Build team requests to eliminate sloped floors from cells. This approach will provide increased flexibility on VE options to reach GMP.	<p><b>Current Text:</b>2.5.19 Open-Front Cell Floors in the sleeping rooms, cells, and multiple occupancy sleeping rooms shall have a minimal slope toward the dayroom and have a floor drain just outside the sleeping space.</p> <p><b>Proposed Text:</b>2.5.19 Open-Front Cells Floors in the sleeping rooms, cells, and multiple occupancy sleeping rooms shall have a no slope toward the dayroom and have a floor drain just outside the sleeping space.</p>	Signed/Received on 02.08.2023
49	12.05.2022	Automatic Receptacles	The Design Build team requests to us adjustable automatic receptacle controls. This approach will provide increased flexibility on VE options to reach GMP.	<p><b>Current Text:</b> 4. Electrical Narrative Energy savings will be addressed with dimming, zone controls, and a watt per square foot basis. Lighting and controls that iares for maintaining the safety and security of personnel will supersede any energy cost-saving measures.</p> <p><b>Proposed Text:</b> 4. Electrical Narrative Energy savings will be addressed with dimming, zone controls, and a watt per square foot basis. Lighting and controls that iares for maintaining the safety and security of personnel will supersede any energy cost-saving measures. Allow auto receptacles in private offices, admin spaces only.</p>	Signed 01.03.2023

50	01.27.2023	Medium/Minimum Housing conversion to Dorm	The Design Build team requests to deviate from the program criteria document and convert (2) Male Medium/Minimum Units into Dormitory Units – 64 beds in each, 128 beds total. This approach will reduce project construction costs and provide increased flexibility on VE options to reach GMP. Ref VE Item H10 per proposed Design Modification Cost List.	<p><b>Current Text : (Page 22)</b>  2.5.16 Housing Pods   Area – Unit 15-Med/Min Male   4-person Occupancy ADA Cell   16 Cells   64 beds  2.5.16 Housing Pods   Area – Unit 16-Med/Min Male   4-person Occupancy ADA Cell   16 Cells   64 beds</p> <p><b>Proposed Text: (Page 22)</b>  2.5.16 Housing Pods   Area – Unit 15-Med/Min Male   4-person Occupancy Dorm   6 Cells &amp; 5-person Occupancy Dorm   8 Cells   64 beds  2.5.16 Housing Pods   Area – Unit 16-Med/Min Male   4-person Occupancy Dorm   6 Cells &amp; 5-person Occupancy Dorm   8 Cells   64 beds</p>	Signed/Received on 02.08.2023
51	01.27.2023	Snowmelt System at Transporation Drive Lanes, not included inside Vehicle Sallyport	The Design Build team requests to deviate from the program criteria document and eliminate in slab heating for snow melt. This approach will reduce project construction costs and provide increased flexibility on VE options to reach GMP.	<p><b>Current Text: (Page 294)</b>  General Area (SF): 5000 Notes: Accessible  Ceiling Height: Open To Sky Area to accommodate vans and buses  Acoustics (NIC): Heated slab  HVAC Heating: -- Emergency Power: --Cooling: -- Notes: --Schedule: -- In-slab heating for Snow Melt</p> <p><b>Proposed Text: (Page 294)</b>  General Area (SF): 5000 Notes: Accessible  Ceiling Height: Open To Sky Area to accommodate vans and buses  Acoustics (NIC): HVAC Heating: -- Emergency Power: --Cooling: -- Notes: --Schedule: --</p>	Duplicated see 19 and 31
52	01.27.2023	MC Cabling at Administration Building in lieu of EMT	The Design Build team requests to deviate from the program criteria document and change the EMT conduit out to use MC cabling in the administration building only. This approach will reduce project construction time and provide increased flexibility in cabling runs.	<p><b>Current Text:</b> Interior conduit to be minimize 3/4 inch in size EMT with minimum #12 conductors. Exposed conduit subject to damage under ten feet to be RMC. MC cable is not allowed. Conduit below grade to be schedule 80 PVC. Non-linear electronic loads to be served with dedicated separate neutrals.</p> <p><b>Proposed Text:</b> Interior conduit to be minimize 3/4 inch in size EMT with minimum #12 conductors. Exposed conduit subject to damage under ten feet to be RMC. MC cable is not allowed except in Administration building. Conduit below grade to be schedule 80 PVC. Non-linear electronic loads to be served with dedicated separate neutrals.</p>	Signed/Received on 02.08.2023

End of Exhibit 8

# Exhibit 9

## Workforce Plan

JE Dunn | Axiom | DLR Group has had success Building Careers in Construction in Jackson County and beyond for decades. The process comes at **no cost to the project** from recruitment to training. A key element to our past and future success has been the **Unions who will help participants select the right craft**. They also help to mentor workforce candidates to keep them in the construction industry. Additionally, the **Urban League's Project Pathway** program will provide wrap around services and support for the candidates. This winning combination are the key components toward engaging workforce participants for the project.

JE Dunn | Axiom | DLR Group will engage various **outreach forums** to inform the community about employment opportunities. Our partners include not only the Urban League, but also the Full Employment Council, Builder's Association, Second Chance Program, Minority Contractors, Unified Contractors Association, and other community-based organizations.

### PHASE I

#### EARLY ENGAGEMENT

Project Outreach Events to MWVBE Trade Partners and Workforce Candidates, Prequal Support, Bid Development Class

### PHASE II

#### PRECONSTRUCTION

Right-Size Trade Packages, 1st/2nd Tier Matchmaking Outreach, Workforce Training Certifications, Workforce Matchmaking Outreach, 1:1 Mentor Pairings

### PHASE III

#### CONSTRUCTION

Compliance and Reporting, Ensuring Success and Development

End of Exhibit 9

# Exhibit 10

## Attachment G Contractor Utilization Plan

Bid Number: 7-22  
Bid Title: Jackson County Detention Center, Design Build Services  
Contracting Department: Public Works

Bidder: JE Dunn Construction | Axiom Construction | DLR Group

I, Vance McMillan, of lawful age and upon my oath state as follows:

1. This Affidavit is made for the purpose of complying with the provisions of the MBE/WBE/VBE submittal requirements on the above Invitation to Bid and the MBE/WBE/VBE Program and is given on behalf of the Bidder listed above. It sets out the Bidder's plan to utilize MBE and/or WBE and/or VBE prime and subcontractors on the Bid.

The goals set by Jackson County, Missouri are:

12.3 %MBE                      10.7 %WBE

2. Bidder stipulates that it will utilize a minimum of the following percentages of MBE/WBE participation in the above bid:

17.5 %MBE                      11 %WBE                      0.5 %VBE

3. The following are the MBE/WBE/VBE Contractors to be utilized on the above-named Bid. **Bidder maintains that it either has a formal contract or a conditional contract contingent upon award.**

**Please note:**

- If Bidder is a certified MBE, WBE, or VBE firm, it may list itself in the appropriate area below.
- No contractor may be listed under multiple categories below regardless of certifications

<b>***INTERNAL USE ONLY***</b>	
CUP RECEIVED: _____	CUP APPROVED: _____
GFW RECEIVED: _____	GFE APPROVED: _____
CUP REVISED: _____	REVISION APPROVED: _____
APPROVED GOALS: _____ MBE      _____ WBE      _____ VBE	
RES/ORD: _____	AMT AWARDED: _____
NOTES:	

\*Percentages are based on the GMP Value of \$301,162,067

\*Values/companies could be subject to change based on future buyout of Component Packages 2 and 3.

### MBE SUBCONTRACTORS

A.	MBE Firm:	Cornerstone Axiom JV LLC	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	718 Troost Avenue, KC, Mo	
	Address line 2-including County:	Jackson County, 64106	
	Telephone Number:	816.442.7865	
	President/Owner:	Daniel Felder	
	Email Address:	dfelder@axiomcgkc.com	
	Certifying Agency:	City of KC	
	Expiration Date of Certification:		
	Scopes of Work Utilized:	Cell Modules Concrete	
	Percentage of Contract Awarded:	5.73%	

B.	MBE Firm:	Pro-Insulation (Sub to US Engineering)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	8203 Hickman Mills Drive, KC, Mo	
	Address line 2-including County:	Jackson, 64132	
	Telephone Number:	816.523.0321	
	President/Owner:	John Olivarez	
	Email Address:	jolivarez@prometals.com	
	Certifying Agency:	City of KC	
	Expiration Date of Certification:	12.31.2023	
	Scopes of Work Utilized:	Insulation	
	Percentage of Contract Awarded:	0.96%	

C.	MBE Firm:	Alexander Mechanical (Sub to US Engineering)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	10801 North Pomona Avenue, KC Mo	
	Address line 2-including County:	Jackson, 64153	
	Telephone Number:	816.833.0700	
	President/Owner:	Bill Alexander	
	Email Address:	baalexander@alexandermechanical.com	
	Certifying Agency:		
	Expiration Date of Certification:	12.16.2023	
	Scopes of Work Utilized:	Mechanical	
	Percentage of Contract Awarded:	1.31%	

\*Percentages are based on the GMP Value of \$301,162,067

\*Values/companies could be subject to change based on future buyout of Component Packages 2 and 3.

### MBE SUBCONTRACTORS

<b>A.</b>	MBE Firm:	Vazquez Comm. Contracting (Sub to US Engineering)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$ _____
	Address line 1:	3303 Gillham Road, KC, Mo	
	Address line 2-including County:	Jackson, 64109	
	Telephone Number:	816.569.6869	
	President/Owner:		
	Email Address:	info@vazquezCC.com	
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:	Mechanical	
	Percentage of Contract Awarded:	1.31%	

<b>B.</b>	MBE Firm:	Alpha Energy and Etec. (Sub to Cornerstone and Mark One)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$ _____
	Address line 1:	1100 East 34th St. KC, MO	
	Address line 2-including County:	Jackson, 64109	
	Telephone Number:	816.421.6767	
	President/Owner:	Gabriel Okafor	
	Email Address:	gabriel.okafor@alphaee.com	
	Certifying Agency:	City of KC	
	Expiration Date of Certification:		
	Scopes of Work Utilized:	Electric	
	Percentage of Contract Awarded:	1.63% (Cornerstone) 1.70% (MOE) 3.33% Total	

<b>C.</b>	MBE Firm:	EJ and Sons Trucking (sub to Kissick)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$ _____
	Address line 1:	3910 Norton Ave., KC, Mo	
	Address line 2-including County:	Jackson, 64130	
	Telephone Number:	816.326.8429	
	President/Owner:		
	Email Address:	ejandsonconstructino@gmail.com	
	Certifying Agency:	City of KC	
	Expiration Date of Certification:		
	Scopes of Work Utilized:	Trucking	
	Percentage of Contract Awarded:	0.82%	

\*Percentages are based on the GMP Value of \$301,162,067

\*Values/companies could be subject to change based on future buyout of Component Packages 2 and 3.

**MBE SUBCONTRACTORS**

A.	MBE Firm:	Rising Construction (Sub of Kissick)	<b>INTERNAL USE ONLY</b> <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b> <b>Approved: Y N</b> <b>Contract Value:</b> \$
	Address line 1:	1206 NW Baytree Dr. Grain Valley, Mo	
	Address line 2-including County:	64029	
	Telephone Number:	816.867.5255	
	President/Owner:		
	Email Address:	kristenr@risingconst.com	
	Certifying Agency:	City of KC	
	Expiration Date of Certification:	05.26.2024	
	Scopes of Work Utilized:	traffic control and erosion control	
	Percentage of Contract Awarded:	0.07%	

B.	MBE Firm:	Maher Oil (Sub of Kissick)	<b>INTERNAL USE ONLY</b> <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b> <b>Approved: Y N</b> <b>Contract Value:</b> \$
	Address line 1:	401 N. Prospect, KC, Mo	
	Address line 2-including County:	Jackson, 64120	
	Telephone Number:	816.241.2400	
	President/Owner:		
	Email Address:	janice@maheroilco.com	
	Certifying Agency:	State of Missouri	
	Expiration Date of Certification:	08.05.2025	
	Scopes of Work Utilized:	fuel supply and delivery	
	Percentage of Contract Awarded:	0.08%	

C.	MBE Firm:		<b>INTERNAL USE ONLY</b> <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b> <b>Approved: Y N</b> <b>Contract Value:</b> \$
	Address line 1:		
	Address line 2-including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

\*Percentages are based on the GMP Value of \$301,162,067

\*Values/companies could be subject to change based on future buyout of Component Packages 2 and 3.



TOTAL MBE VALUE:	\$
------------------	----

\*\*\* Add Additional Pages as Necessary \*\*\*

### WBE SUBCONTRACTORS

A.	WBE Firm:	Mark One Electric	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	1414 Genessee, KC, Mo	
	Address line 2-including County:	Jackson, 64102	
	Telephone Number:	816.842.7023	
	President/Owner:	Rosana Privitera Biondo	
	Email Address:	Rosana.priviterabiondo@Markone.com	
	Certifying Agency:	City of KC	
	Expiration Date of Certification:		
	Scopes of Work Utilized:	Electric, Fire Alarm	
	Percentage of Contract Awarded:	6.77%	

B.	WBE Firm:	Blue Chip Roofing (Sub to Flynn)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	5234 Winner Road, KC, Mo	
	Address line 2-including County:	Jackson, 64127	
	Telephone Number:	816.216.7176	
	President/Owner:	LaTanya Scott	
	Email Address:	tanyas@bluechiproofingkc.com	
	Certifying Agency:	City of KC	
	Expiration Date of Certification:		
	Scopes of Work Utilized:	Roofing	
	Percentage of Contract Awarded:	0.83%	

C.	WBE Firm:	Wilkerson (Sub to US Engineering)	<b>INTERNAL USE ONLY</b> <b>KS</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	14101 Gibbs Road, Bonner Springs, KS	
	Address line 2-including County:	66012	
	Telephone Number:	913.238.7030	
	President/Owner:	Diana Holt	
	Email Address:	info@wilkersoncranerental.com	
	Certifying Agency:	State of Kansas	
	Expiration Date of Certification:		
	Scopes of Work Utilized:	Crane Services	
	Percentage of Contract Awarded:	0.08%	

\*Percentages are based on the GMP Value of \$301,162,067

\*Values/companies could be subject to change based on future buyout of Component Packages 2 and 3.

TOTAL MBE VALUE:	\$
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\*\*\* Add Additional Pages as Necessary \*\*\*

### WBE SUBCONTRACTORS

A.	WBE Firm:	CJ Industries (Sub to US Engineering)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	610 S. 78th St. Suite 1, KC, KS	
	Address line 2-including County:	Wyandotte, 66111	
	Telephone Number:	913.788.1104	
	President/Owner:	Mindy Rocha	
	Email Address:	mindy@cjkc.com	
	Certifying Agency:	City of KC	
	Expiration Date of Certification:	07.19.2024	
	Scopes of Work Utilized:	Mechanical	
	Percentage of Contract Awarded:	0.69%	

B.	WBE Firm:		<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:		
	Address line 2-including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

C.	WBE Firm:		<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b>
	Address line 1:		
	Address line 2-including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

\*Percentages are based on the GMP Value of \$301,162,067

\*Values/companies could be subject to change based on future buyout of Component Packages 2 and 3.

**VBE SUBCONTRACTORS**

A.	VBE Firm:	Midland Marble and Granite	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	2077 NE Rice Rd., Lee Summit, MO	
	Address line 2-including County:	Jackson, 64064	
	Telephone Number:	816.257.2000	
	President/Owner:		
	Email Address:	matt.sharp@midlandmarble.com	
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:	Tile	
	Percentage of Contract Awarded:	0.12%	

B.	VBE Firm:	Aquila Industries (sub to Cornerstone)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	5897 Raytown Rd. Raytown, Mo	
	Address line 2-including County:	Jackson, 64133	
	Telephone Number:	816.595.8600	
	President/Owner:	Marquis Cannon	
	Email Address:	info@aquilabuilds.us	
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:	0.18%	

C.	VBE Firm:	M&T Govt. Solutions (Sub to Kissick)	<b>INTERNAL USE ONLY</b>  <b>Certifying Agency:</b> _____ <b>KCMO</b> _____ <b>State of MO</b>  <b>Approved: Y N</b>  <b>Contract Value:</b> \$
	Address line 1:	500 East Walnut St. Suite 102	
	Address line 2-including County:	Columbia, Mo. 65201	
	Telephone Number:	573.454.1018	
	President/Owner:		
	Email Address:	mtqslc@gmail.com	
	Certifying Agency:	State of Mo	
	Expiration Date of Certification:	09.26.2023	
	Scopes of Work Utilized:	Trucking/Hauling	
	Percentage of Contract Awarded:	0.02%	

\*Percentages are based on the GMP Value of \$301,162,067

\*Values/companies could be subject to change based on future buyout of Component Packages 2 and 3.

**End of Exhibit 10**









	Owner Furnish	Owner Install	Electrical Contractor Furnish	Electrical Contractor Install	Security Electronics Contractor Furnish	Security Electronics Contractor Install	Plumbing Contractor Furnish	Plumbing Contractor Install	Module Supplier Furnish	Module Supplier Furnish	Detention Contractor Furnish	Detention Contractor Install	Comm. HM Contractor Furnish	Comm. HM Contractor Install	Rough Carp F&I
End User Equipment AV															
Telephones including licensing and cabling from wall outlet/jack	X	X													
Computers/Workstations for Non-Building Systems-includes software and cabling from wall outlet/jack	X	X													
Surge Protectors At workstations/equipment	X	X													
Tvs	X	X													
TV Mounting Brackets	X	X													
Cables from Wall Outlets/Jacks to Tvs	X	X													
Wbex Room Kit -including cabling from wall outlet/jack	X	X													

End of Exhibit 11



**DATE:** Wednesday, November 2, 2022

**PROJECT/JOB#:** 760.013 Jackson Co. Detention Center

**TO:** JEDUNN

**FROM:** Mark Stainbrook, PE  
Rick Maniktala, PE

**SUBJECT:** HVAC System Life-Cycle-Cost Summary for VE alternatives

BranchPattern utilized IESVE modeling software to simulate base-year energy cost by fuel source. BLCC5 software was then utilized to perform the total building life cycle cost analysis for the HVAC system alternatives. BLCC5 utilized the FEMP methodology over a 40-year life. 40-years is the maximum term allowable per the FEMP methodology.

Summary below and input/output summary from life cycle costing analysis is included on the following pages.

40 Year LCCA Summary:

<u>Alternatives</u>	<u>HVAC Initial Cost<sup>a</sup></u>	<u>Maintenance Cost<sup>b</sup></u>	<u>Replacement Cost<sup>c</sup></u>	<u>Energy Cost (simulated)<sup>d</sup></u>	<u>Total Life Cycle Cost<sup>e</sup></u>	<u>Total LCC Difference</u>
WCCH with N.G. Boiler 4-pipe Plant w/ HRC	+\$0, costs included in base	+\$163,837	+\$5,838,246	+\$591,505	\$ 21,697,978	+\$313,263 Over study life
WCCH with N.G. Boiler 4-pipe Plant w/o HRC	Deduct \$577k from Base	+\$157,466	+\$5,373,866	+\$620,113	\$ 21,384,715	Lowest Total Life-Cycle Cost
ACCH with N.G. boiler 4-pipe Plant	Deduct \$690k from Base	+\$126,786	+\$5,058,370	+\$702,956	\$ 22,288,821	+\$904,106 Over study life

Notes:

- a) Initial Cost information from JE DUNN, US Engineering, and Mark One. \$690k is added to each option for BLCC5 analysis. Negative initial costs are not permitted by software.
- b) Base-year O&M Service Contract Cost estimate information from US Engineering
- c) Replacement Cost information from US Engineering. Replacement costs are applied in year 20 for all alternatives.
- d) Base-year Energy Cost simulated by fuel source using IESVE
- e) Total LCC output from BLCC5 analysis listed by alternative. See input/output reports on pages that follow.



# NIST BLCC 5.3-20: Detailed LCC Analysis

Consistent with Federal Life Cycle Cost Methodology and Procedures, 10 CFR, Part 436, Subpart A  
General Information

File Name: \\meg.local\public\Desktop\mark.s\JCDC BLCC\projects\JCDC No DX.xml

Date of Study: Wed Nov 02 11:35:41 CDT 2022

Analysis Type: FEMP Analysis, Energy Project

Project Name: JCDC

Project Location: Missouri

Analyst:

Base Date: October 1, 2022

Service Date: October 1, 2023

Study Period: 41 years 0 months (October 1, 2022 through September 30, 2063)

Discount Rate: 3%

Discounting Convention: End-of-Year

Discount and Escalation Rates are REAL (exclusive of general inflation)

## Alternative: Water Cooled w/HR

### Initial Cost Data (not Discounted)

#### Initial Capital Costs

(adjusted for price escalation)

Initial Capital Costs for All Components: \$690,000

#### Component:

##### Cost-Phasing

Date	Portion	Yearly Cost
October 1, 2022	100%	\$690,000
		-----
Total (for Component)		\$690,000

#### Energy Costs: Electricity

(base-year dollars)

Average	Average	Average	Average
---------	---------	---------	---------

Annual Usage	Price/Unit	Annual Cost	Annual Demand	Annual Rebate
12,141,222.0 MBtu	\$0.03596	\$436,598	\$0	\$0

**Energy Costs: Natural Gas**  
(base-year dollars)

Average	Average	Average	Average	Average
Annual Usage	Price/Unit	Annual Cost	Annual Demand	Annual Rebate
17,961,501.0 MBtu	\$0.01060	\$190,392	\$0	\$0

**Life-Cycle Cost Analysis**

	Present Value	Annual Value
Initial Capital Costs	\$690,000	\$29,473
<b>Energy Costs</b>		
Energy Consumption Costs	\$13,847,973	\$591,505
Energy Demand Charges	\$0	\$0
Energy Utility Rebates	\$0	\$0
Subtotal (for Energy):	\$13,847,973	\$591,505
Water Usage Costs	\$0	\$0
Water Disposal Costs	\$0	\$0
<b>Operating, Maintenance &amp; Repair Costs</b>		
Component:		
Annually Recurring Costs	\$4,021,596	\$171,779
Non-Annually Recurring Costs	\$0	\$0
Subtotal (for OM&R):	\$4,021,596	\$171,779
<b>Replacements to Capital Components</b>		
Component:	\$3,138,408	\$134,055
Subtotal (for Replacements):	\$3,138,408	\$134,055



**Residual Value of Original Capital Components**

Component:	\$0	\$0
	-----	-----
Subtotal (for Residual Value):	\$0	\$0

**Residual Value of Capital Replacements**

Component:	\$0	\$0
	-----	-----
Subtotal (for Residual Value):	\$0	\$0

<b>Total Life-Cycle Cost</b>	\$21,697,978	\$926,812
------------------------------	--------------	-----------

**Emissions Summary**

Energy Name	Annual	Life-Cycle
Electricity:		
CO2	3,203,879,408.26 kg	128,146,404,586.54 kg
SO2	11,209,228.75 kg	448,338,460.73 kg
NOx	4,880,818.46 kg	195,219,375.47 kg
Natural Gas:		
CO2	948,721,517.76 kg	37,946,263,252.32 kg
SO2	7,656,482.08 kg	306,238,321.09 kg
NOx	795,970.91 kg	31,836,657.14 kg
Total:		
CO2	4,152,600,926.01 kg	166,092,667,838.86 kg
SO2	18,865,710.83 kg	754,576,781.82 kg
NOx	5,676,789.37 kg	227,056,032.62 kg

**Alternative: Water Cooled wo/HR**

Initial Cost Data (not Discounted)

Initial Capital Costs

(adjusted for price escalation)

Initial Capital Costs for All Components: \$113,000



Component:

Cost-Phasing

Date	Portion	Yearly Cost
October 1, 2022	100%	\$113,000
		-----
Total (for Component)		\$113,000

Energy Costs: Natural Gas

(base-year dollars)

Average		Average	Average	Average
Annual Usage	Price/Unit	Annual Cost	Annual Demand	Annual Rebate
17,640,145.0 MBtu	\$0.01060	\$186,986	\$0	\$0

Energy Costs: Electricity

(base-year dollars)

Average		Average	Average	Average
Annual Usage	Price/Unit	Annual Cost	Annual Demand	Annual Rebate
13,170,342.0 MBtu	\$0.03596	\$473,605	\$0	\$0

Life-Cycle Cost Analysis

	Present Value	Annual Value
Initial Capital Costs	\$113,000	\$4,827
<b>Energy Costs</b>		
Energy Consumption Costs	\$14,517,727	\$620,113
Energy Demand Charges	\$0	\$0
Energy Utility Rebates	\$0	\$0
		-----
Subtotal (for Energy):	\$14,517,727	\$620,113
Water Usage Costs	\$0	\$0
Water Disposal Costs	\$0	\$0
<b>Operating, Maintenance &amp; Repair Costs</b>		

Component:

# BranchPattern

MEMO

Annually Recurring Costs	\$3,865,212	\$165,099
Non-Annually Recurring Costs	\$0	\$0
	-----	-----
Subtotal (for OM&R):	\$3,865,212	\$165,099
<b>Replacements to Capital Components</b>		
Component:	\$2,888,776	\$123,392
	-----	-----
Subtotal (for Replacements):	\$2,888,776	\$123,392
<b>Residual Value of Original Capital Components</b>		
Component:	\$0	\$0
	-----	-----
Subtotal (for Residual Value):	\$0	\$0
<b>Residual Value of Capital Replacements</b>		
Component:	\$0	\$0
	-----	-----
Subtotal (for Residual Value):	\$0	\$0
<b>Total Life-Cycle Cost</b>	<b>\$21,384,715</b>	<b>\$913,431</b>

## Emissions Summary

Energy Name	Annual	Life-Cycle
Natural Gas:		
CO2	931,747,582.67 kg	37,267,352,320.90 kg
SO2	7,519,497.07 kg	300,759,295.60 kg
NOx	1,098,144.37 kg	43,922,768.42 kg
Electricity:		
CO2	3,475,448,149.58 kg	139,008,410,724.65 kg
SO2	12,159,350.70 kg	486,340,737.33 kg
NOx	5,294,528.70 kg	211,766,652.48 kg
Total:		

# BranchPattern

MEMO

CO2	4,407,195,732.25 kg	176,275,763,045.54 kg
SO2	19,678,847.77 kg	787,100,032.93 kg
NOx	6,392,673.08 kg	255,689,420.90 kg

## Alternative: Air Cooled

### Initial Cost Data (not Discounted)

#### Initial Capital Costs

(adjusted for price escalation)

Initial Capital Costs for All Components: \$0

#### Component:

##### Cost-Phasing

Date	Portion	Yearly Cost
October 1, 2022	100%	\$0
-----		-----
Total (for Component)		\$0

### Energy Costs: Natural Gas

(base-year dollars)

Average		Average	Average	Average
Annual Usage	Price/Unit	Annual Cost	Annual Demand	Annual Rebate
17,638,242.0 MBtu	\$0.01060	\$186,965	\$0	\$0

### Energy Costs: Electricity

(base-year dollars)

Average		Average	Average	Average
Annual Usage	Price/Unit	Annual Cost	Annual Demand	Annual Rebate
15,805,611.0 MBtu	\$0.03596	\$568,370	\$0	\$0

### Life-Cycle Cost Analysis

	Present Value	Annual Value
Initial Capital Costs	\$0	\$0
<b>Energy Costs</b>		
Energy Consumption Costs	\$16,457,197	\$702,956

Energy Demand Charges	\$0	\$0
Energy Utility Rebates	\$0	\$0
	-----	-----
Subtotal (for Energy):	\$16,457,197	\$702,956
Water Usage Costs	\$0	\$0
Water Disposal Costs	\$0	\$0
<b>Operating, Maintenance &amp; Repair Costs</b>		
Component:		
Annually Recurring Costs	\$3,112,131	\$132,932
Non-Annually Recurring Costs	\$0	\$0
	-----	-----
Subtotal (for OM&R):	\$3,112,131	\$132,932
<b>Replacements to Capital Components</b>		
Component:		
	\$2,719,493	\$116,161
	-----	-----
Subtotal (for Replacements):	\$2,719,493	\$116,161
<b>Residual Value of Original Capital Components</b>		
Component:		
	\$0	\$0
	-----	-----
Subtotal (for Residual Value):	\$0	\$0
<b>Residual Value of Capital Replacements</b>		
Component:		
	\$0	\$0
	-----	-----
Subtotal (for Residual Value):	\$0	\$0
<b>Total Life-Cycle Cost</b>	<b>\$22,288,821</b>	<b>\$952,049</b>

Emissions Summary

Energy Name	Annual	Life-Cycle
Natural Gas:		



CO2	931,647,066.73 kg	37,263,331,958.74 kg
SO2	7,518,685.88 kg	300,726,850.01 kg
NOx	1,098,025.91 kg	43,918,030.08 kg
Electricity:		
CO2	4,170,854,599.14 kg	166,822,764,787.88 kg
SO2	14,592,329.27 kg	583,653,219.31 kg
NOx	6,353,917.09 kg	254,139,287.49 kg
Total:		
CO2	5,102,501,665.87 kg	204,086,096,746.62 kg
SO2	22,111,015.15 kg	884,380,069.32 kg
NOx	7,451,943.00 kg	298,057,317.57 kg

## NIST BLCC 5.3-20: Input Data Listing

Consistent with Federal Life Cycle Cost Methodology and Procedures, 10 CFR, Part 436, Subpart A  
General Information

File Name: \\meg.local\public\Desktop\mark.s\JCDC BLCC\projects\JCDC No DX.xml

Date of Study: Wed Nov 02 13:37:55 CDT 2022

Analysis Type: FEMP Analysis, Energy Project

Project Name: JCDC

Project Location: Missouri

Analyst:

Base Date: October 1, 2022

Service Date: October 1, 2023

Study Period: 41 years 0 months (October 1, 2022 through September 30, 2063)

Discount Rate: 3%

Discounting Convention: End-of-Year

Discount and Escalation Rates are REAL (exclusive of general inflation)

## Alternative: Water Cooled w/HR

# BranchPattern

MEMO

## Energy: Electricity

Annual Consumption: 12,141,222.0 MBtu

Price per Unit: \$0.03596

Demand Charge: \$0

Utility Rebate: \$0

Location: Missouri

Rate Schedule: Commercial

State: Missouri

## Usage Indices

From Date	Duration	Usage Index
October 1, 2023	Remaining	100%

## Escalation Rates

From Date	Duration	Escalation
April 1, 2020	1 year 0 months	-1.62%
April 1, 2021	1 year 0 months	-1%
April 1, 2022	1 year 0 months	-0.9%
April 1, 2023	1 year 0 months	-0.6%
April 1, 2024	1 year 0 months	-0.04%
April 1, 2025	1 year 0 months	-0.11%
April 1, 2026	1 year 0 months	-0.49%
April 1, 2027	1 year 0 months	-0.75%
April 1, 2028	1 year 0 months	-0.75%
April 1, 2029	1 year 0 months	-0.54%
April 1, 2030	1 year 0 months	-0.76%
April 1, 2031	1 year 0 months	-0.55%
April 1, 2032	1 year 0 months	-0.48%
April 1, 2033	1 year 0 months	-0.41%
April 1, 2034	1 year 0 months	-0.63%
April 1, 2035	1 year 0 months	-0.67%
April 1, 2036	1 year 0 months	-0.6%

# BranchPattern

MEMO

April 1, 2037	1 year 0 months	-0.53%
April 1, 2038	1 year 0 months	-0.65%
April 1, 2039	1 year 0 months	-0.57%
April 1, 2040	1 year 0 months	-0.54%
April 1, 2041	1 year 0 months	-0.5%
April 1, 2042	1 year 0 months	-0.74%
April 1, 2043	1 year 0 months	-0.59%
April 1, 2044	1 year 0 months	-0.39%
April 1, 2045	1 year 0 months	-0.47%
April 1, 2046	1 year 0 months	-0.32%
April 1, 2047	1 year 0 months	-0.44%
April 1, 2048	1 year 0 months	-0.6%
April 1, 2049	1 year 0 months	-0.68%
April 1, 2050	Remaining	-0.5%

## Energy: Natural Gas

Annual Consumption:	17,961,501.0 MBtu
Price per Unit:	\$0.01060
Demand Charge:	\$0
Utility Rebate:	\$0
End-Use:	Commercial Boiler, uncontrolled
Rate Schedule:	Commercial
State:	Missouri

## Usage Indices

From Date	Duration	Usage Index
October 1, 2023	Remaining	100%

## Escalation Rates

From Date	Duration	Escalation
April 1, 2020	1 year 0 months	0%
April 1, 2021	1 year 0 months	0.16%



April 1, 2022	1 year 0 months	0.31%
April 1, 2023	1 year 0 months	0.62%
April 1, 2024	1 year 0 months	2.01%
April 1, 2025	1 year 0 months	2.88%
April 1, 2026	1 year 0 months	2.36%
April 1, 2027	1 year 0 months	1.58%
April 1, 2028	1 year 0 months	0.85%
April 1, 2029	1 year 0 months	0.14%
April 1, 2030	1 year 0 months	-0.56%
April 1, 2031	1 year 0 months	0.14%
April 1, 2032	1 year 0 months	0.85%
April 1, 2033	1 year 0 months	0.84%
April 1, 2034	1 year 0 months	0.42%
April 1, 2035	1 year 0 months	0%
April 1, 2036	1 year 0 months	0.41%
April 1, 2037	1 year 0 months	0.55%
April 1, 2038	1 year 0 months	0.27%
April 1, 2039	1 year 0 months	0.14%
April 1, 2040	1 year 0 months	0.27%
April 1, 2041	1 year 0 months	0.41%
April 1, 2042	1 year 0 months	0.27%
April 1, 2043	1 year 0 months	0.27%
April 1, 2044	1 year 0 months	0.54%
April 1, 2045	1 year 0 months	0.53%
April 1, 2046	1 year 0 months	0.66%
April 1, 2047	1 year 0 months	0.53%
April 1, 2048	1 year 0 months	0.66%
April 1, 2049	1 year 0 months	0.52%
April 1, 2050	Remaining	0.58%

# BranchPattern

MEMO

Component:

## Initial Investment

Initial Cost (base-year \$): \$690,000  
Annual Rate of Increase: 0%  
Expected Asset Life: 20 years 0 months  
Residual Value Factor: 0%

## Cost-Phasing

Cost Adjustment Factor: 0%

Years/Months (from Date)	Date	Portion
0 years 0 months	October 1, 2022	100%

## Replacement: Water Cooled w/HR

Years/Months: 20 years 0 months  
Amount: \$5,838,246  
Annual Rate Of Increase: 0%  
Expected Asset Life: 20 years 0 months  
Residual Value Factor: 0%

## Recurring OM&R: Maintenance

Amount: \$163,837  
Annual Rate of Increase: 0.5%

## Usage Indices

From Date	Duration	Factor
October 1, 2023	Remaining	100%

## Alternative: Water Cooled wo/HR

### Energy: Natural Gas

Annual Consumption: 17,640,145.0 MBtu  
Price per Unit: \$0.01060  
Demand Charge: \$0  
Utility Rebate: \$0

# BranchPattern

MEMO

End-Use: Industrial Boiler, uncontrolled

Rate Schedule: Commercial

State: Missouri

## Usage Indices

From Date	Duration	Usage Index
October 1, 2023	Remaining	100%

## Escalation Rates

From Date	Duration	Escalation
April 1, 2020	1 year 0 months	0%
April 1, 2021	1 year 0 months	0.16%
April 1, 2022	1 year 0 months	0.31%
April 1, 2023	1 year 0 months	0.62%
April 1, 2024	1 year 0 months	2.01%
April 1, 2025	1 year 0 months	2.88%
April 1, 2026	1 year 0 months	2.36%
April 1, 2027	1 year 0 months	1.58%
April 1, 2028	1 year 0 months	0.85%
April 1, 2029	1 year 0 months	0.14%
April 1, 2030	1 year 0 months	-0.56%
April 1, 2031	1 year 0 months	0.14%
April 1, 2032	1 year 0 months	0.85%
April 1, 2033	1 year 0 months	0.84%
April 1, 2034	1 year 0 months	0.42%
April 1, 2035	1 year 0 months	0%
April 1, 2036	1 year 0 months	0.41%
April 1, 2037	1 year 0 months	0.55%
April 1, 2038	1 year 0 months	0.27%
April 1, 2039	1 year 0 months	0.14%
April 1, 2040	1 year 0 months	0.27%



April 1, 2041	1 year 0 months	0.41%
April 1, 2042	1 year 0 months	0.27%
April 1, 2043	1 year 0 months	0.27%
April 1, 2044	1 year 0 months	0.54%
April 1, 2045	1 year 0 months	0.53%
April 1, 2046	1 year 0 months	0.66%
April 1, 2047	1 year 0 months	0.53%
April 1, 2048	1 year 0 months	0.66%
April 1, 2049	1 year 0 months	0.52%
April 1, 2050	Remaining	0.58%

### Energy: Electricity

Annual Consumption: 13,170,342.0 MBtu

Price per Unit: \$0.03596

Demand Charge: \$0

Utility Rebate: \$0

Location: Missouri

Rate Schedule: Commercial

State: Missouri

### Usage Indices

From Date	Duration	Usage Index
October 1, 2023	Remaining	100%

### Escalation Rates

From Date	Duration	Escalation
April 1, 2020	1 year 0 months	-1.62%
April 1, 2021	1 year 0 months	-1%
April 1, 2022	1 year 0 months	-0.9%
April 1, 2023	1 year 0 months	-0.6%
April 1, 2024	1 year 0 months	-0.04%
April 1, 2025	1 year 0 months	-0.11%

# BranchPattern

MEMO

April 1, 2026	1 year 0 months	-0.49%
April 1, 2027	1 year 0 months	-0.75%
April 1, 2028	1 year 0 months	-0.75%
April 1, 2029	1 year 0 months	-0.54%
April 1, 2030	1 year 0 months	-0.76%
April 1, 2031	1 year 0 months	-0.55%
April 1, 2032	1 year 0 months	-0.48%
April 1, 2033	1 year 0 months	-0.41%
April 1, 2034	1 year 0 months	-0.63%
April 1, 2035	1 year 0 months	-0.67%
April 1, 2036	1 year 0 months	-0.6%
April 1, 2037	1 year 0 months	-0.53%
April 1, 2038	1 year 0 months	-0.65%
April 1, 2039	1 year 0 months	-0.57%
April 1, 2040	1 year 0 months	-0.54%
April 1, 2041	1 year 0 months	-0.5%
April 1, 2042	1 year 0 months	-0.74%
April 1, 2043	1 year 0 months	-0.59%
April 1, 2044	1 year 0 months	-0.39%
April 1, 2045	1 year 0 months	-0.47%
April 1, 2046	1 year 0 months	-0.32%
April 1, 2047	1 year 0 months	-0.44%
April 1, 2048	1 year 0 months	-0.6%
April 1, 2049	1 year 0 months	-0.68%
April 1, 2050	Remaining	-0.5%

Component:

Initial Investment

Initial Cost (base-year \$): \$113,000

Annual Rate of Increase: 0%



# BranchPattern

MEMO

Expected Asset Life: 20 years 0 months

Residual Value Factor: 0%

## Cost-Phasing

Cost Adjustment Factor: 0%

Years/Months (from Date)	Date	Portion
0 years 0 months	October 1, 2022	100%

## Replacement: Water Cooled wo/HR

Years/Months: 20 years 0 months

Amount: \$5,373,866

Annual Rate Of Increase: 0%

Expected Asset Life: 20 years 0 months

Residual Value Factor: 0%

## Recurring OM&R: Maintenance

Amount: \$157,466

Annual Rate of Increase: 0.5%

## Usage Indices

From Date	Duration	Factor
October 1, 2023	Remaining	100%

## Alternative: Air Cooled

### Energy: Natural Gas

Annual Consumption: 17,638,242.0 MBtu

Price per Unit: \$0.01060

Demand Charge: \$0

Utility Rebate: \$0

End-Use: Industrial Boiler, uncontrolled

Rate Schedule: Commercial

State: Missouri

# BranchPattern

MEMO

## Usage Indices

From Date	Duration	Usage Index
October 1, 2023	Remaining	100%

## Escalation Rates

From Date	Duration	Escalation
April 1, 2020	1 year 0 months	0%
April 1, 2021	1 year 0 months	0.16%
April 1, 2022	1 year 0 months	0.31%
April 1, 2023	1 year 0 months	0.62%
April 1, 2024	1 year 0 months	2.01%
April 1, 2025	1 year 0 months	2.88%
April 1, 2026	1 year 0 months	2.36%
April 1, 2027	1 year 0 months	1.58%
April 1, 2028	1 year 0 months	0.85%
April 1, 2029	1 year 0 months	0.14%
April 1, 2030	1 year 0 months	-0.56%
April 1, 2031	1 year 0 months	0.14%
April 1, 2032	1 year 0 months	0.85%
April 1, 2033	1 year 0 months	0.84%
April 1, 2034	1 year 0 months	0.42%
April 1, 2035	1 year 0 months	0%
April 1, 2036	1 year 0 months	0.41%
April 1, 2037	1 year 0 months	0.55%
April 1, 2038	1 year 0 months	0.27%
April 1, 2039	1 year 0 months	0.14%
April 1, 2040	1 year 0 months	0.27%
April 1, 2041	1 year 0 months	0.41%
April 1, 2042	1 year 0 months	0.27%
April 1, 2043	1 year 0 months	0.27%
April 1, 2044	1 year 0 months	0.54%



April 1, 2045	1 year 0 months	0.53%
April 1, 2046	1 year 0 months	0.66%
April 1, 2047	1 year 0 months	0.53%
April 1, 2048	1 year 0 months	0.66%
April 1, 2049	1 year 0 months	0.52%
April 1, 2050	Remaining	0.58%

### Energy: Electricity

Annual Consumption: 15,805,611.0 MBtu

Price per Unit: \$0.03596

Demand Charge: \$0

Utility Rebate: \$0

Location: Missouri

Rate Schedule: Commercial

State: Missouri

### Usage Indices

From Date	Duration	Usage Index
October 1, 2023	Remaining	100%

### Escalation Rates

From Date	Duration	Escalation
April 1, 2020	1 year 0 months	-1.62%
April 1, 2021	1 year 0 months	-1%
April 1, 2022	1 year 0 months	-0.9%
April 1, 2023	1 year 0 months	-0.6%
April 1, 2024	1 year 0 months	-0.04%
April 1, 2025	1 year 0 months	-0.11%
April 1, 2026	1 year 0 months	-0.49%
April 1, 2027	1 year 0 months	-0.75%
April 1, 2028	1 year 0 months	-0.75%
April 1, 2029	1 year 0 months	-0.54%

# BranchPattern

MEMO

April 1, 2030	1 year 0 months	-0.76%
April 1, 2031	1 year 0 months	-0.55%
April 1, 2032	1 year 0 months	-0.48%
April 1, 2033	1 year 0 months	-0.41%
April 1, 2034	1 year 0 months	-0.63%
April 1, 2035	1 year 0 months	-0.67%
April 1, 2036	1 year 0 months	-0.6%
April 1, 2037	1 year 0 months	-0.53%
April 1, 2038	1 year 0 months	-0.65%
April 1, 2039	1 year 0 months	-0.57%
April 1, 2040	1 year 0 months	-0.54%
April 1, 2041	1 year 0 months	-0.5%
April 1, 2042	1 year 0 months	-0.74%
April 1, 2043	1 year 0 months	-0.59%
April 1, 2044	1 year 0 months	-0.39%
April 1, 2045	1 year 0 months	-0.47%
April 1, 2046	1 year 0 months	-0.32%
April 1, 2047	1 year 0 months	-0.44%
April 1, 2048	1 year 0 months	-0.6%
April 1, 2049	1 year 0 months	-0.68%
April 1, 2050	Remaining	-0.5%

## Component:

### Initial Investment

Initial Cost (base-year \$):	\$0
Annual Rate of Increase:	0%
Expected Asset Life:	20 years 0 months
Residual Value Factor:	0%

### Cost-Phasing

Cost Adjustment Factor: 0%

# BranchPattern

MEMO

Years/Months (from Date)	Date	Portion
0 years 0 months	October 1, 2022	100%

## Replacement: Air Cooled

Years/Months: 20 years 0 months

Amount: \$5,058,956

Annual Rate Of Increase: 0%

Expected Asset Life: 20 years 0 months

Residual Value Factor: 0%

## Recurring OM&R: Maintenance

Amount: \$126,786

Annual Rate of Increase: 0.5%

## Usage Indices

From Date	Duration	Factor
October 1, 2023	Remaining	100%



# NIST BLCC 5.3-20: Comparative Analysis

Consistent with Federal Life Cycle Cost Methodology and Procedures, 10 CFR, Part 436, Subpart A  
Base Case: Water Cooled wo/HR

Alternative: Water Cooled w/HR

## General Information

File Name: \\meg.local\public\Desktop\mark.s\JCDC BLCC\projects\JCDC No DX.xml  
 Date of Study: Wed Nov 02 13:39:25 CDT 2022  
 Project Name: JCDC  
 Project Location: Missouri  
 Analysis Type: FEMP Analysis, Energy Project  
 Analyst:  
 Base Date: October 1, 2022  
 Service Date: October 1, 2023  
 Study Period: 41 years 0 months(October 1, 2022 through September 30, 2063)  
 Discount Rate: 3%  
 Discounting Convention: End-of-Year

## Comparison of Present-Value Costs

### PV Life-Cycle Cost

	Base Case	Alternative	Savings from Alternative
<b>Initial Investment Costs:</b>			
Capital Requirements as of Base Date	\$113,000	\$690,000	-\$577,000
<b>Future Costs:</b>			
Energy Consumption Costs	\$14,517,727	\$13,847,973	\$669,754
Energy Demand Charges	\$0	\$0	\$0
Energy Utility Rebates	\$0	\$0	\$0
Water Costs	\$0	\$0	\$0
Recurring and Non-Recurring OM&R Costs	\$3,865,212	\$4,021,596	-\$156,385
Capital Replacements	\$2,888,776	\$3,138,408	-\$249,632
Residual Value at End of Study Period	\$0	\$0	\$0

	-----	-----	-----
Subtotal (for Future Cost Items)	\$21,271,715	\$21,007,978	\$263,737
	-----	-----	-----
<b>Total PV Life-Cycle Cost</b>	<b>\$21,384,715</b>	<b>\$21,697,978</b>	<b>-\$313,263</b>

Net Savings from Alternative Compared with Base Case

PV of Non-Investment Savings	\$513,369
- Increased Total Investment	\$826,632
	-----
<b>Net Savings</b>	<b>-\$313,263</b>

Savings-to-Investment Ratio (SIR)

**SIR = 0.62**

SIR is lower than 1.0; project alternative is not cost effective.

Adjusted Internal Rate of Return

**AIRR = 1.81%**

AIRR is lower than your discount rate; project alternative is not cost effective.

Payback Period

Estimated Years to Payback (from beginning of Service Period)

Simple Payback never reached during study period.

Discounted Payback never reached during study period.

## Energy Savings Summary

Energy Savings Summary (in stated units)

Energy Type	-----Average Base Case	Annual Alternative	Consumption----- Savings	Life-Cycle Savings
Electricity	13,170,342.0 MBtu	12,141,222.0 MBtu	1,029,120.0 MBtu	41,161,982.4 MBtu
Natural Gas	17,640,145.0 MBtu	17,961,501.0 MBtu	-321,356.0 MBtu	-12,853,360.2 MBtu

Energy Savings Summary (in MBtu)

Energy Type	-----Average Base Case	Annual Alternative	Consumption----- Savings	Life-Cycle Savings
Electricity	13,170,342.0 MBtu	12,141,222.0 MBtu	1,029,120.0 MBtu	41,161,982.4 MBtu

Natural Gas 17,640,145.0 MBtu 17,961,501.0 MBtu -321,356.0 MBtu -12,853,360.2 MBtu

### Emissions Reduction Summary

Energy Type	----Average Base Case	Annual Alternative	Emissions---- Reduction	Life-Cycle Reduction
<b>Electricity</b>				
CO2	3,475,448,149.58 kg	3,203,879,408.26 kg	271,568,741.32 kg	10,862,006,138.11 kg
SO2	12,159,350.70 kg	11,209,228.75 kg	950,121.95 kg	38,002,276.60 kg
NOx	5,294,528.70 kg	4,880,818.46 kg	413,710.24 kg	16,547,277.01 kg
<b>Natural Gas</b>				
CO2	931,747,582.67 kg	948,721,517.76 kg	-16,973,935.09 kg	-678,910,931.43 kg
SO2	7,519,497.07 kg	7,656,482.08 kg	-136,985.01 kg	-5,479,025.50 kg
NOx	1,098,144.37 kg	795,970.91 kg	302,173.46 kg	12,086,111.27 kg
<b>Total:</b>				
CO2	4,407,195,732.25 kg	4,152,600,926.01 kg	254,594,806.23 kg	10,183,095,206.68 kg
SO2	19,678,847.77 kg	18,865,710.83 kg	813,136.93 kg	32,523,251.10 kg
NOx	6,392,673.08 kg	5,676,789.37 kg	715,883.71 kg	28,633,388.28 kg

### NIST BLCC 5.3-20: Comparative Analysis

Consistent with Federal Life Cycle Cost Methodology and Procedures, 10 CFR, Part 436, Subpart A

Base Case: Water Cooled wo/HR

Alternative: Air Cooled

#### General Information

File Name: \\meg.local\public\Desktop\mark.s\JCDC BLCC\projects\JCDC No DX.xml  
 Date of Study: Wed Nov 02 13:40:19 CDT 2022  
 Project Name: JCDC  
 Project Location: Missouri  
 Analysis Type: FEMP Analysis, Energy Project  
 Analyst:  
 Base Date: October 1, 2022





Service Date: October 1, 2023  
 Study Period: 41 years 0 months(October 1, 2022 through September 30, 2063)  
 Discount Rate: 3%  
 Discounting Convention: End-of-Year

### Comparison of Present-Value Costs

#### PV Life-Cycle Cost

	Base Case	Alternative	Savings from Alternative
<b>Initial Investment Costs:</b>			
Capital Requirements as of Base Date	\$113,000	\$0	\$113,000
<b>Future Costs:</b>			
Energy Consumption Costs	\$14,517,727	\$16,457,197	-\$1,939,470
Energy Demand Charges	\$0	\$0	\$0
Energy Utility Rebates	\$0	\$0	\$0
Water Costs	\$0	\$0	\$0
Recurring and Non-Recurring OM&R Costs	\$3,865,212	\$3,112,131	\$753,081
Capital Replacements	\$2,888,776	\$2,719,493	\$169,283
Residual Value at End of Study Period	\$0	\$0	\$0
	-----	-----	-----
Subtotal (for Future Cost Items)	\$21,271,715	\$22,288,821	-\$1,017,106
	-----	-----	-----
<b>Total PV Life-Cycle Cost</b>	\$21,384,715	\$22,288,821	-\$904,106

#### Net Savings from Alternative Compared with Base Case

PV of Non-Investment Savings	-\$1,186,389
- Increased Total Investment	-\$282,283
	-----
<b>Net Savings</b>	-\$904,106



NOTE: Meaningful SIR, AIRR and Payback can not be computed unless incremental savings and total savings are both positive.

### Energy Savings Summary

Energy Savings Summary (in stated units)

Energy Type	-----Average Base Case	Annual Alternative	Consumption----- Savings	Life-Cycle Savings
Electricity	13,170,342.0 MBtu	15,805,611.0 MBtu	-2,635,269.0 MBtu	-105,403,545.0 MBtu
Natural Gas	17,640,145.0 MBtu	17,638,242.0 MBtu	1,903.0 MBtu	76,114.8 MBtu

Energy Savings Summary (in MBtu)

Energy Type	-----Average Base Case	Annual Alternative	Consumption----- Savings	Life-Cycle Savings
Electricity	13,170,342.0 MBtu	15,805,611.0 MBtu	-2,635,269.0 MBtu	-105,403,545.0 MBtu
Natural Gas	17,640,145.0 MBtu	17,638,242.0 MBtu	1,903.0 MBtu	76,114.8 MBtu

### Emissions Reduction Summary

Energy Type	-----Average Base Case	Annual Alternative	Emissions----- Reduction	Life-Cycle Reduction
<b>Electricity</b>				
CO2	3,475,448,149.58 kg	4,170,854,599.14 kg	-695,406,449.56 kg	-27,814,354,063.24 kg
SO2	12,159,350.70 kg	14,592,329.27 kg	-2,432,978.58 kg	-97,312,481.98 kg
NOx	5,294,528.70 kg	6,353,917.09 kg	-1,059,388.39 kg	-42,372,635.01 kg
<b>Natural Gas</b>				
CO2	931,747,582.67 kg	931,647,066.73 kg	100,515.93 kg	4,020,362.16 kg
SO2	7,519,497.07 kg	7,518,685.88 kg	811.20 kg	32,445.59 kg
NOx	1,098,144.37 kg	1,098,025.91 kg	118.47 kg	4,738.34 kg
<b>Total:</b>				
CO2	4,407,195,732.25 kg	5,102,501,665.87 kg	-695,305,933.62 kg	-27,810,333,701.08 kg
SO2	19,678,847.77 kg	22,111,015.15 kg	-2,432,167.38 kg	-97,280,036.39 kg
NOx	6,392,673.08 kg	7,451,943.00 kg	-1,059,269.92 kg	-42,367,896.67 kg

**End of Exhibit 12**

O. 574?



# JACKSON COUNTY

## DETENTION CENTER

# Component Package 2A

**JE DUNN • AXIOM • DLR GROUP**  
DESIGN BUILD TEAM

March 17, 2023

Form of Component Contract Modification

**DESIGN BUILD AGREEMENT  
PROPOSED COMPONENT CONTRACT MODIFICATION NO. 2A  
PROJECT NO. 70-22**

TO: Jackson County, Missouri

This proposed Component Contract Modification is submitted pursuant to Sections 1.1.6, 3.2.2 and 4.1 of the Design/Build Agreement dated May 19, 2022, the terms of which are incorporated by reference.

Having carefully examined the Schematic Design Documents prepared by the Design Professional and approved by Owner on March 3, 2023, as well as the Site and conditions affecting the Work, the undersigned submits this proposed Component Contract Modification to furnish all service, labor and materials called for by the Schematic Design Documents for the entire Work of Component Package 2A in accordance with the aforesaid Schematic Design Documents and the Design/Build Agreement.

**Description of Modification**

The Contract Modification sum is \$ 67,511,444.

The Contract Modification Sum is comprised of the following amounts:

- |    |   |              |
|----|---|--------------|
| 1. | Construction Sum due Trade Contractor or Trade Supplier                         | \$62,764,012 |
| 2. | Design Builder's Estimated Cost for Work or Material Supplied by Design Builder | \$ 3,326,486 |
| 3. | Design Builder's Contingency (0%)   |              |
| 4. | Design Builder's Fee (2.15%)  | \$ 1,420,946 |

The Component Package 2A Budget is attached as Attachment A.

The Master Schedule is attached as Attachment B.

The undersigned guarantees the final completion of the Work above on or before the Final Completion Date which is November 25, 2025.

The undersigned agrees that this proposed Component Contract Modification, together with Owner's Notice of Acceptance, is the Design/Builder's proposed amendment to the Design/Build Agreement for the performance by the Design/Builder of the proposed Work for the above-stated compensation in accordance with the Master Schedule and within the time specified in accordance with the Contract Documents and shall constitute an amendment to the Design/Build Agreement by Contract Modification, if approved and agreed upon by the Owner. The Work defined in this Component Package is a subset of the Work set forth in the Guaranteed Maximum Price Proposal for the Project dated March 14, 2023 (the "GMP Proposal"). Component Package 1 and Component Package 2A Contract Modifications must be executed in conjunction with the Guaranteed Maximum Price Amendment incorporating the GMP Proposal in order for the Guaranteed Maximum Price Amendment and Component Packages 1 and 2A Modifications to be effective.

FILED

MAY 17 2023

MARY JO SPINO  
COUNTY CLERK

**REVENUE CERTIFICATE**

There is a balance otherwise unencumbered to the credit of the appropriation to which the expenditure is chargeable and there is a cash balance otherwise unencumbered in the treasury to the credit of the fund from which payment is to be made each sufficient to provide for the obligation of \$67,511,444.00 is hereby authorized.

5-15-2023  
Date

  
Director of Finance and Purchasing  
Account No. 024-1214-58020  
PC 121423002 000 DM

DATED: March 17<sup>th</sup>, 20 23

J.E. DUNN - AXIOM, A JOINT VENTURE  
Design/Builder

Um By: 

Name: Paul R. Neidlein

Title: MW Region President

RECOMMENDED FOR OWNER'S ACCEPTANCE:

OWNER'S REPRESENTATIVE

By: \_\_\_\_\_

  
County Executive (Signature)

\_\_\_\_\_  
(Printed Name)

  
County Counselor (Signature)

\_\_\_\_\_  
(Printed Name)

  
Clerk of the County Legislature (Signature)

\_\_\_\_\_  
(Printed Name)

# Attachment A

JE DUNN • AXIOM • DLR GROUP  
DESIGN-BUILD TEAM

May 14<sup>th</sup>, 2023  
Mr. Troy Schulte  
Jackson County, Missouri  
Kansas City, MO 64106

Re: Jackson County Detention Center  
Component Package 2A

Dear Troy,

Having submitted our Guaranteed Maximum Price (GMP) under separate cover on March 14<sup>th</sup>, 2023, we are submitting the following for consideration of Component Package 2A. This Component Package 2A details work that pertains to engineering, detailing, mockups, and early procurement of long lead material that are directly tied to our GMP submission. Component Package 2A totals to **\$67,511,444 (Sixty-Seven Million, Five Hundred Eleven Thousand, Four Hundred Forty-Four Dollars)**.

With this Component Package the project will move forward with additional design and trade partner on boarding to help mitigate escalation moving forward. Subsequently the project schedule and budget are based off Component Package 1 and 2A being approved simultaneous. If this does not occur there will be a schedule and cost impact incurred by the project.

Upon receiving written approval of this Component Package JE Dunn + Axiom will forward the formal contract amendment for execution, obtain insurance, procure payment and performance bonds, begin issuing subcontracts to our trade partners, and begin onsite mobilization.

Sincerely,



Jeff Jenkins

Project Director, JE Dunn + Axiom

Cc: Vance McMillan, JE Dunn + Axiom  
Daniel Felder, JE Dunn + Axiom  
Brian Dietz, JE Dunn + Axiom  
Paul Neidlein, JE Dunn + Axiom  
Rob Cleavinger, JE Dunn + Axiom  
Tom Bartelli, JE Dunn + Axiom  
Nick Tuggle, JE Dunn + Axiom  
Martin Berglund, DLR Group  
Dan Wehmueller, JCDC Partners  
Dan Musser, JCDC Partners  
Rick Davidson, JCDC Partners  
Cameron Glass, JCDC Partners  
Babette Macy, JCDC Partners

Jackson County, Missouri



---

County Executive (Signature)

---

(Printed Name)



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County Counselor (Signature)

---

(Printed Name)



---

Clerk of the County Legislature (Signature)

---

(Printed Name)



Component Package 2A Funding	Escalation Mitigation Strategy	Trade Partner Cost
Enterprise Precast	Lump Sum (See attached for additional narrative)	\$ 17,674,402
Flynn Midwest	Lump Sum (See attached for additional narrative)	\$ 5,955,715
Midland Marble and Granite	Lump Sum (See attached for additional narrative)	\$ 357,198
CML Security (DEC)	Lump Sum (See attached for additional narrative)	\$ 2,860,000
Cornerstone/Axiom Detention (Modular Cells)	Lump Sum (See attached for additional narrative)	\$ 9,525,000
American Fire Protection	GMP (See attached for additional narrative)	\$ 3,097,297
US Engineering	GMP (See attached for additional narrative)	\$ 11,514,962
Mark One Electric	GMP (See attached for additional narrative)	\$ 9,379,438
Cornerstone Detention (SEC)	Lump Sum (See attached for additional narrative)	\$ 2,400,000
Kissick Construction	Lump Sum (See attached for additional narrative)	\$ -
Design Contingency		\$ -
Construction Contingency		\$ -
Escalation Allowance		\$ -
Owner Contingency		\$ -
Design		\$ -
GC's		\$ -
Permits, Insurance		\$ 3,326,486
Fee		\$ -
<b>Total</b>		<b>\$ 67,511,444</b>

\*Note - Some numbers above are not all-inclusive of the full GMP pricing included in Exhibit 1 of the GMP.

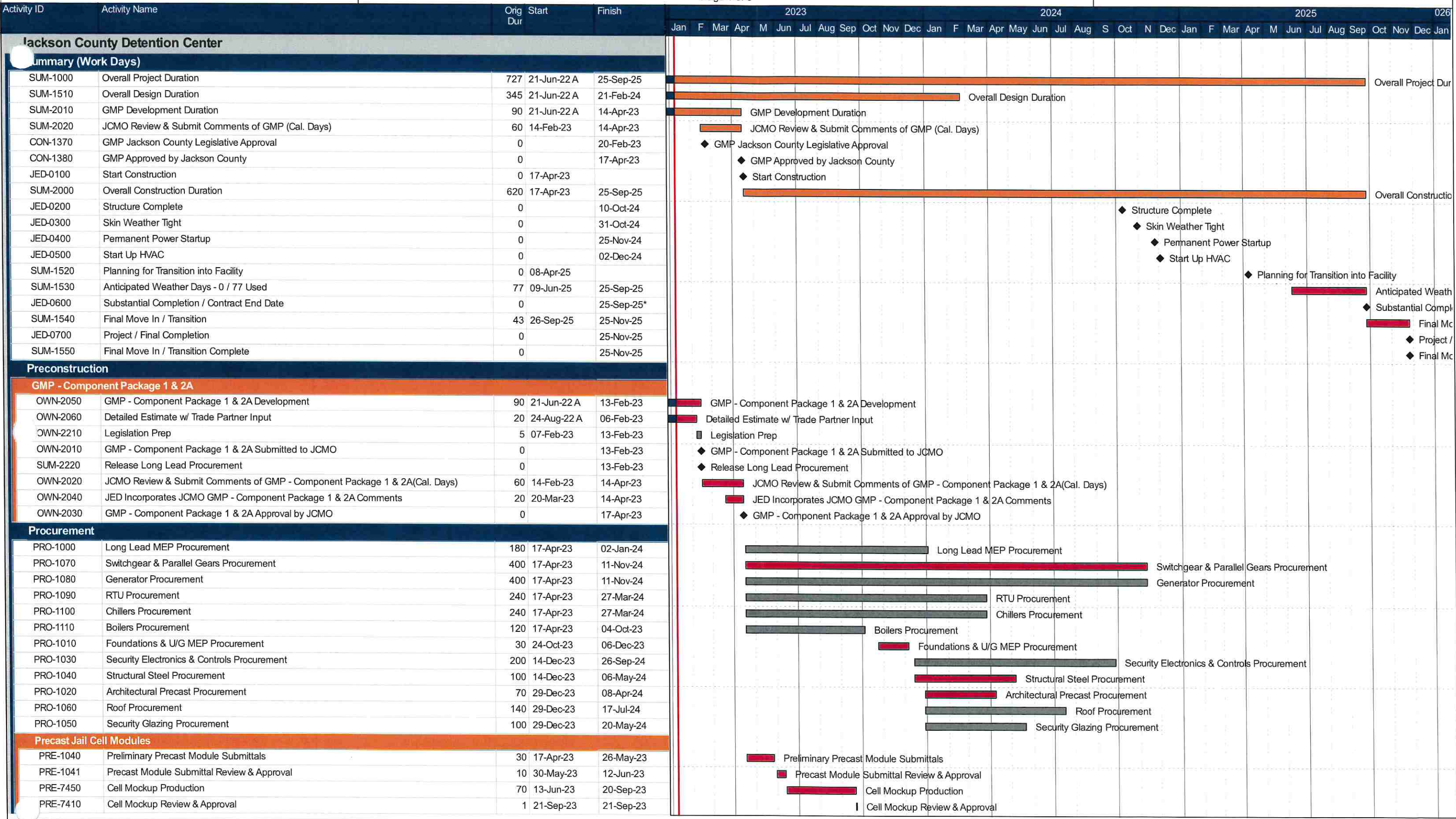
\*Note - The balance of Component Package 2 shell and core package of the project will be delivered as Component Package 2C.

Component Package 1 Funding Reference	Only Dollars not include in CP2A	Escalation Mitigation Strategy
Kissick Construction	Kissick Construction (Lump-Sum) is responsible for the Earthwork scope of Work and their Component Package 1 funding includes the entirety of their scope of work noted below: Erosion Control: \$424,927 Site Demolition: \$1,025,000 Wick Drain Installation: \$4,070,561 Earthwork (Early footings/foundations prep included): \$4,598,000	

Component Package 2A Funding	Escalation Mitigation Strategy
Enterprise Precast	Enterprise Precast (Lump-Sum) contract amount of \$17,674,402 includes the furnishing the architectural and structural precast, hollow-core and solid core roof members for the project. Scope of work includes project management, shop drawings/engineering, BIM coordination, materials (i.e. reinforcing steel, concrete, and conduit). This amount has been included in the funding of Component Package 2A.
Flynn Midwest	Flynn Midwest (Lump-Sum) is responsible for the roofing/sheet metal scope of work. Component package 2A funding includes the cost of \$5,955,715 in materials that would be stored in an insured warehouse in Kansas City. This is to help mitigate approx. \$1M in escalation. Materials to be purchased are singly ply TPO membrane, fasteners, accessories, insulation, etc. Excludes labor that will be added in a future component package.
Midland Marble and Granite	Midland Marble and Granite (Lump-Sum) is responsible for the tile scope of work in the amount of \$357,198. Their scope of work is included with Component Package 2A - Funding to capitalize on their Veteran Owned Business status, which greatly helps achieve the teams goals for VBE participation.
CML Security (DEC)	CML Security's (Lump-Sum) Component Package 2A - Funding amount is appropriated for billings after official award, CML would bill from Notice-to-Proceed until November for preconstruction services, project management, engineering services, and submittal development. CML would prepare to bill for \$2.7MM on Dec 2023 for detention hollow metal frames and doors as a result of preconstruction efforts that would be needed by Q1 of 2024.
Cornerstone/Axiom Detention (Modular Cells)	The Cornerstone/Axiom Detention, JV (Lump-Sum) is responsible for the pre-fabricated cell module scope of work. Component Package 2A Funding includes the following definable features of work: Shop Drawings/Engineering: \$730,000 Cornerstone General Conditions (Project management/temporary offices): \$565,000 Pre-Fab Site Setup/Equipment Mobilization: \$1,200,000 - Includes making pre-fab site ready for cell module production (i.e. working slabs) Onsite Mockup: \$300,000 - For product quality review/approval Mold fabrication, setup and begin cell module production: \$4,860,000 Interior Fitout/Finish Materials Procurement: \$1,870,000 - Materials include, detention hollow metal doors/frames, detention furniture, security fixtures (lights and plumbing), epoxy paint, etc.
American Fire Protection	American Fire Protection (GMP) is responsible for the Fire Protection scope of work and to lock in pricing and manage escalation American Fire Protection plans to procure/issue PO's for the following by the end of 2023 within the Component Package 2A funding: 14 Wet Systems 1 pre-action system 2 clean agent 3100' of Feed Main piping 500' of Piping Into the blocks 6850' of main piping within the cell blocks 2672 heads within the cell/day-use areas. 1851 heads in Hallways, Mechanical, BOH, Support, Court, facility areas 2500' of main piping in Hallways, Mechanical, BOH, Support, Court, facility areas
US Engineering	US Engineering (GMP) is responsible for the Mechanical (HVAC/Plumbing) Scope of Work. Their component package 2A funding includes the following definable features of work: USE General Conditions (Project management/temporary offices): \$548,559 Shop Drawings/Detailing/UG and Precast Module BIM Coordination: \$1,509,029 Fee: \$538,888 Permit: \$182,000 UG Piping: \$3,501,571 Drains and Piping: \$425,654 Precast Material (Security Bars): \$183,887 Mock-up for Precast Module/Seismic Planning: \$71,162 Temperature Controls (Subcontractor detailing/shop drawings): \$100,000 Long Lead Central Plant Equipment (Chillers, Boilers, Pumps): \$1,225,000 Plumbing Equipment: \$615,000 Security Plumbing Fixtures (non-modular locations): \$1,200,000 Long Lead Smoke Exhaust Fans and Louvers: \$1,900,000
Mark One Electric	Mark One Electric (GMP) is responsible for the Electrical Scope of Work and their Component Package 2A funding includes \$683,604 of labor per month for 3 months which includes detailing/shop drawings, UG coordination, BIM Coordination/modeling and also procurement of long lead equipment noted below. Early Procurement Quote: \$7,328,626 - Equipment slated for early procurement includes: Switchgear, paralleling gear, lights, lighting controls, emergency generators, UPS, Fire Alarm, wire/conduit, etc.

\*Note - some numbers above are not all-inclusive of the full GMP pricing included in Exhibit 1 of the GMP.

**End Of Attachment A**

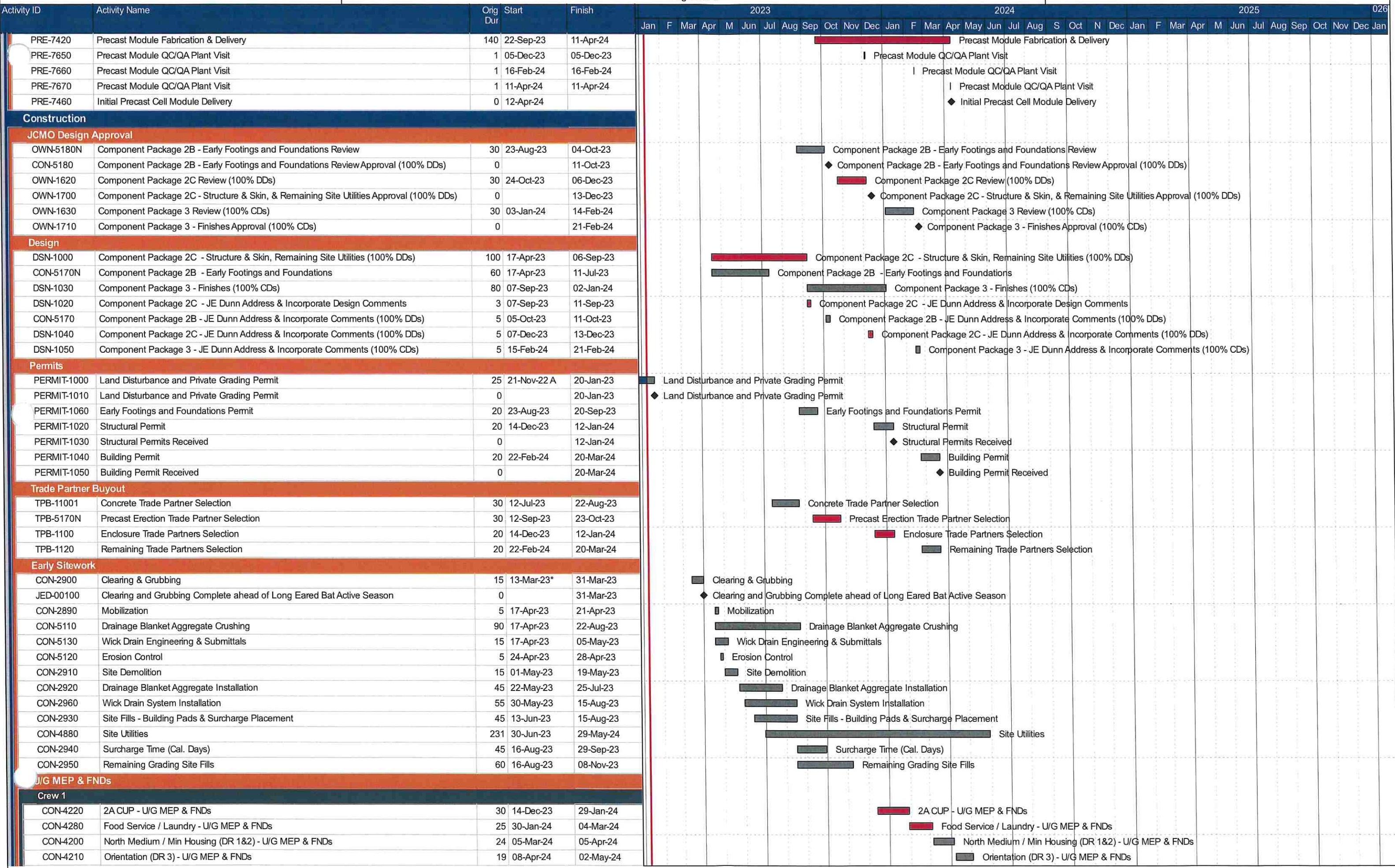


█ Remaining Level of Effort    █ Remai...  
█ Actual Level of Effort    ◆ ◆ Milesto...  
█ Actual Work  
█ Critical Remaining Work

Run Date: 14-Mar-23

**Jackson County Detention Center**  
**JE Dunn Construction Company**  
**March 3rd-2023 GMP Schedule**







Activity ID	Activity Name	Orig Dur	Start	Finish
CON-5100	Special Needs - Shallow U/G MEP & SOG @ Pour Back	5	02-Dec-24	06-Dec-24
<b>Enclosure</b>				
<b>Skin</b>				
CON-3500	Zone 1 - CUP, North Dayrooms, & Additional Support - Enclosure	10	30-Apr-24	13-May-24
CON-3510	Zone 2 - East Dayrooms - Enclosure	10	14-May-24	28-May-24
CON-5080	Admin Glazing - Enclosure	10	04-Oct-24	17-Oct-24
<b>Roof</b>				
<b>Crew 1</b>				
CON-2700	Dayroom 4 Roof Dry-in	15	17-May-24	07-Jun-24
CON-2710	Dayroom 5 Roof Dry-in	15	25-Jun-24	16-Jul-24
CON-2730	Dayroom 6 Roof Dry-in	15	31-Jul-24	20-Aug-24
CON-2740	Dayroom 7 Roof Dry-in	15	05-Sep-24	25-Sep-24
CON-3450	Clinic -Roof Dry-in	20	26-Sep-24	23-Oct-24
CON-2690	Dayroom 3 Roof Dry-in	15	11-Oct-24	31-Oct-24
CON-3440	Programs / Female Medical / Special Housing - Roof Dry-in	21	01-Nov-24	03-Dec-24
<b>Crew 2</b>				
CON-3480	CUP - Roof Blocking & Dry-in	10	30-Apr-24	13-May-24
CON-3460	Food Service / Laundry / Receiving Roof Blocking & Dry-in	12	29-May-24	13-Jun-24
CON-2660	Dayroom 1 Roof Dry-in	15	12-Jun-24	02-Jul-24
CON-2680	Dayroom 2 Roof Dry-in	15	18-Jul-24	07-Aug-24
CON-3470	Admin / Intake / Courts - Roof Blocking & Dry-in (East)	35	22-Aug-24	10-Oct-24
CON-5070	Admin / Intake / Courts - Roof Blocking & Dry-in (West)	35	11-Oct-24	02-Dec-24
<b>Interior Finishes</b>				
<b>Support</b>				
<b>CMU</b>				
<b>Before Precast Walls</b>				
CON-4840	Kitchen & Laundry - CMU	25	19-Mar-24	22-Apr-24
CON-4860	Special Needs - CMU	30	30-Apr-24	11-Jun-24
CON-4870	Medical Housing & Infirmary - CMU	30	30-Apr-24	11-Jun-24
<b>Crew 1</b>				
CON-4720	Transportation - CMU	10	11-Jul-24	24-Jul-24
CON-4730	Re-entry - CMU	10	25-Jul-24	07-Aug-24
CON-4740	Intake S - CMU	10	08-Aug-24	21-Aug-24
<b>Crew 2</b>				
CON-4750	Visitation - CMU	15	06-Sep-24	26-Sep-24
<b>Crew 3</b>				
CON-4760	Admin - CMU	5	25-Jul-24	31-Jul-24
<b>Crew 4</b>				
CON-4780	Intake W - CMU	15	25-Jul-24	14-Aug-24
CON-4810	Records - CMU	10	15-Aug-24	28-Aug-24
<b>Dayrooms</b>				
CON-4820	Dayrooms 1 - 7 - CMU	50	17-May-24	29-Jul-24
<b>CUP</b>				
CON-3530	CUP Buildout	60	14-May-24	07-Aug-24
CON-5160	Set & Terminate Switchgear	10	12-Nov-24	25-Nov-24
<b>Food Service / Laundry / Receiving</b>				
CON-3720	Rough-in	80	14-Jun-24	07-Oct-24
CON-3730	Finishes	60	26-Aug-24	18-Nov-24
CON-4910	JED Pre-Punch	10	19-Nov-24	04-Dec-24
<b>Programs / Female Medical / Special Housing</b>				
CON-3760	Rough-in	100	07-Nov-24	02-Apr-25
CON-3770	Finishes	80	30-Jan-25	21-May-25
CON-4920	JED Pre-Punch	10	22-May-25	05-Jun-25
<b>Transportation / Clinic / Medical</b>				

