



Barnes County Correctional Center
GMP Estimate August 19th, 2020 - Update
Based on CD Documents Dated June 4, 2020

Barnes County Jail and Law Enforcement Center
GMP Estimate 8/18/20
Based on CD Documents Dated 6/04/20

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Barnes County - Base Bid Plus Alternates 1, 3, 6, 8

Project: Jail & Law Enforcement Center
 Architect: Klein McCarthy Architects
 Estimate: Construction Documents dated 6/4/2020

Project Location: Valley City, ND
 Estimate By: MD/BK
 Date: August 19, 2020

Item	Description	Quantity	Unit	Cost/GSF	% of Cost	Base Bid Totals
Work Scope Categories						
1	03A - Cast In Place Concrete			\$ 22.26	4.00%	\$ 553,500
2	03B - Precast			\$ 25.57	4.60%	\$ 635,964
3	04A - Masonry			\$ 45.92	8.26%	\$ 1,142,100
4	05A - Structural & Miscellaneous Metals Supply			\$ 11.54	2.08%	\$ 287,025
5	05B - Structural & Miscellaneous Metals Erection			\$ 6.88	1.24%	\$ 171,000
6	06A - General Trades			\$ 6.33	1.14%	\$ 157,360
7	07A - Roofing			\$ 10.25	1.84%	\$ 254,900
8	07B - Standing Seam Roof & Metal Siding			\$ 3.03	0.54%	\$ 75,250
9	07C - Sealants			\$ 3.34	0.60%	\$ 83,000
10	08A - Commercial Doors, Frames & Hardware Supply			\$ 3.06	0.55%	\$ 76,184
11	08B - Sectional Doors			\$ 1.16	0.21%	\$ 28,875
12	08C - Glass & Glazing			\$ 0.72	0.13%	\$ 17,800
13	09A - Gypsum Board Assemblies			\$ 9.97	1.79%	\$ 248,000
14	09B - Tiling			\$ 1.78	0.32%	\$ 44,275
15	09C - Acoustical Ceilings			\$ 3.75	0.67%	\$ 93,270
16	09D - Carpet & Resilient Flooring			\$ 1.98	0.36%	\$ 49,175
17	09E - Fluid Applied Flooring			\$ 2.23	0.40%	\$ 55,492
18	09F - Painting			\$ 7.40	1.33%	\$ 183,980
19	10A - Specialties Supply			\$ 0.67	0.12%	\$ 16,764
20	10B - Signage			\$ 1.01	0.18%	\$ 25,000
21	11A - Food Service Equipment - See Alternate					\$ -
22	11B - Gymnasium Equipment			\$ 0.54	0.10%	\$ 13,330
23	11C - Laundry Equipment			\$ 1.21	0.22%	\$ 30,121
24	12A - Casework			\$ 3.10	0.56%	\$ 77,060
25	13A - Detention Equipment			\$ 83.82	15.07%	\$ 2,084,690
26	21A - Fire Suppression			\$ 4.21	0.76%	\$ 104,736
27	22A - Mechanical			\$ 90.87	16.34%	\$ 2,260,000
28	26A - Electrical & Security Electronics			\$ 69.82	12.56%	\$ 1,736,390
29	31A - Earthwork			\$ 20.05	3.61%	\$ 498,700
30	32A - Asphalt Paving			\$ 5.26	0.95%	\$ 130,700
31	32B - Concrete Paving Allowance			\$ 7.04	1.27%	\$ 175,000
32	32C - Landscaping			\$ 1.76	0.32%	\$ 43,786
33	33A - Utilities			\$ 7.28	1.31%	\$ 181,000
34	Subtotal Construction Costs			\$ 463.79	83.40%	\$ 11,534,427
Miscellaneous Costs						
35	Construction Surveying & Staking			\$ 0.61	0.11%	\$ 15,100
36	Final Cleaning			\$ 0.50	0.09%	\$ 12,500
37	Temporary Heat & Enclosures			\$ 2.00	0.36%	\$ 49,800
38	General Conditions			\$ 21.23	3.82%	\$ 528,000
39	Construction Manager Project Staffing			\$ 30.92	5.56%	\$ 769,000
40	Building Permit - Valley City Fee Schedule			\$ 0.37	0.07%	\$ 9,300
41	Builder's Risk Insurance			\$ 0.42	0.08%	\$ 10,532
42	Data Processing	0.10%		\$ 0.56	0.10%	\$ 13,927
43	Pre-Construction Services	0.25%		\$ 1.62	0.29%	\$ 40,400
44	General Liability Insurance	1.10%		\$ 6.14	1.10%	\$ 152,810
45	Subtotal Construction & Miscellaneous Costs			\$ 528.18	94.98%	\$ 13,135,796
Fees & Contingency						
46	Design Contingency	0.00%		\$ -	0.00%	\$ -
47	Construction Contingency	3.00%		\$ 16.75	3.01%	\$ 416,549
48	Construction Manager Fee	2.00%		\$ 11.16	2.01%	\$ 277,666
49	Grand Total Construction Costs	24,870	GSF	\$ 556.09	100.00%	\$ 13,830,011

A.1.1.2 – General Conditions



**Barnes County
Jail & Law Enforcement Center
Klein McCarthy Architects
8/18/2020**

Project Staffing & Supervision	Total
Project Manager	\$ 265,756
On-Site Superintendent	\$ 332,322
General Superintendent	\$ 28,136
Project Executive	\$ 74,195
Senior Estimator	\$ 54,231
Project Coordinator	\$ 35,600
Safety Director	\$ 32,906
Accounting / Billing	\$ 3,400
Office Trailer	\$ 18,000
Drinking Water	\$ 2,081
Office Supplies	\$ 1,998
Telephone & Data Lines	\$ 3,996
Computers & IT Support	\$ 20,000
Temporary Toilets	\$ 7,200
Floor Protection	\$ 4,090
Daily Cleanup	\$ 87,127
Dumpsters	\$ 25,900
Dehumidification	\$ 10,000
Temporary Electric Usage	\$ 9,250
Storage Container	\$ 3,000
Truck & Haul	\$ 37,804
Hoisting/Loading/Unloading	\$ 133,381
Gas & Oil	\$ 5,832
Small Tools	\$ 29,852
Safety Equipment & Supplies	\$ 8,531
Project Signage	\$ 4,514
Snow Removal	\$ 25,000
Project Plans & Specs	\$ 1,998
Shop Drawings	\$ 3,700
Postage & Deliveries	\$ 400
Temporary Construction Fence	\$ 11,400
SWPPP Permit & Inspections	\$ 15,400
Total	\$ 1,297,000

Barnes County Jail and Law Enforcement Center
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A.1.1.3 Labor Rates

Project Management/Supervisory Labor Rates

Project Manager (Madison Young)	\$ 95.00
Field Engineer (TBD)	\$ 85.00
Project Executive (Tim Clark, Brian Kunz)	\$ 110.00
Superintendent (Konrad Johnson)	\$ 115.00
General Superintendent (Rodney LaFreniere, Jack Webber)	\$ 110.00
Project Coordinator (Carol Spalony)	\$ 65.00
Estimator (Brian Pogalz, Matt Doerge)	\$ 105.00
Safety (Bob Williams, Jared Anderson)	\$ 102.00
Carpenter	\$ 91.00
Laborer	\$ 82.50

All rates to be in effect in duration of the project (Dates)

Barnes County Jail and Law Enforcement Center
GMP Estimate 8/18/20
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A.1.1.4 Alternates

Alternate #1 – DEDUCT a. Eliminate the entire LEC. Revise the Site and exterior of the Jail where the LEC was once attached. LEC in this scenario to be planned as future. **Accepted**

Alternate #2 – ADD: Add Metal Screen Walls to obscure the view of the two front mechanical units on the jail roof. **Rejected**

Alternate #3 – DEDUCT: Eliminate damp proofing at foundation walls **Accepted**

Alternate #4 – DEDUCT: Replace natural stone specified at Entries with Cast Stone (concrete) product. **Rejected**

Alternate #5 – DEDUCT: Kitchen Equipment and installation to be broken out as a Deduct. For acceptance of this deduct the Owner will arrange financing of this portion of work as a “lease to own agreement” with their Food Service Contractor. **Review at later date**

Alternate #6 – ADD: **Accepted**

a. Generator will be shown as Owner Provided, CM Installed. Owner to arrange a lease agreement with Generator Manufacturer.

b. This alternate is for the generator to be purchased by the owner as bid by CM subs.

Alternate #7 – ADD: Plant beds, perennials, shrubs and trees shown on the Landscape Plan to be added per this Alternate. The acceptance or denial of Alternate #1 will determine the final locations of plant beds, building maintenance edges, and quantity of materials and plantings, see Landscape Plan. **Rejected**

Alternate #8 – DEDUCT: Delete a quantity of 20 bollards at the front elevation of the building for owner to replace with Owner Provided Owner Installed boulders instead. Exact locations of remaining bollards to be determined by owner and architect prior to final installation. **Accepted**



Barnes County Summary

Project: Jail & Law Enforcement Center
 Architect: Klein McCarthy Architects
 Estimate: Construction Documents dated 6/4/2020

Project Location: Valley City, ND
 Estimate By: MD/BK
 Date: August 12, 2020

Item	Description	8/18 Meeting	Bid Totals
0	Barnes County - Base Bid		\$ 16,154,753
1	Alternate 1 Eliminate the LEC	Accepted	\$ (2,343,845)
2	Alternate 2 Add Metal Screen Walls	Rejected	\$ 193,419
3	Alternate 3 Eliminate Dampproofing	Accepted	\$ (21,324)
4	Alternate 4 Replace Natural Stone with Cast Stone	Rejected	\$ (2,668)
5	Alternate 5 Add Kitchen Equipment	Review at later date	\$ 204,267
6	Alternate 6 Add Generator	Accepted	\$ 110,726
7	Alternate 7 Add Trees	Rejected	\$ 29,160
8	Alternate 8 Deduct Bollards	Accepted	\$ (17,224)
9	Alternate 9 Add Allowance for Monument Sign	Rejected	\$ 15,992



Alternate 1 Eliminate the LEC

Project: Jail & Law Enforcement Center
 Architect: Klein McCarthy Architects
 Estimate: Construction Documents dated 6/4/2020

Project Location: Valley City, ND
 Estimate By: MD/BK
 Date: August 12, 2020

Item	Description	Quantity	Unit	Cost/GSF	% of Cost	Alternate 1 Totals
Work Scope Categories						
1	03A - Cast In Place Concrete			\$ (17.74)	6.61%	\$ (155,000)
2	03B - Precast			\$ (21.19)	7.90%	\$ (185,200)
3	04A - Masonry			\$ (6.63)	2.47%	\$ (57,900)
4	05A - Structural & Miscellaneous Metals Supply			\$ (9.91)	3.69%	\$ (86,559)
5	05B - Structural & Miscellaneous Metals Erection			\$ (6.18)	2.30%	\$ (54,000)
6	06A - General Trades			\$ (4.88)	1.82%	\$ (42,640)
7	07A - Roofing			\$ (8.11)	3.02%	\$ (70,900)
8	07B - Standing Seam Roof & Metal Siding			\$ (6.87)	2.56%	\$ (60,000)
9	07C - Sealants			\$ (1.60)	0.60%	\$ (14,000)
10	08A - Commercial Doors, Frames & Hardware Supply			\$ (10.91)	4.07%	\$ (95,363)
11	08B - Sectional Doors					Not Applicable
12	08C - Glass & Glazing			\$ (8.43)	3.14%	\$ (73,700)
13	09A - Gypsum Board Assemblies			\$ (27.98)	10.43%	\$ (244,500)
14	09B - Tiling			\$ (4.34)	1.62%	\$ (37,960)
15	09C - Acoustical Ceilings			\$ (3.85)	1.44%	\$ (33,642)
16	09D - Carpet & Resilient Flooring			\$ (3.97)	1.48%	\$ (34,720)
17	09E - Fluid Applied Flooring			\$ -	0.00%	Not Applicable
18	09F - Painting			\$ (1.82)	0.68%	\$ (15,866)
19	10A - Specialties Supply			\$ (0.42)	0.16%	\$ (3,709)
20	10B - Signage					Not Applicable
21	11A - Food Service Equipment					Not Applicable
22	11B - Gymnasium Equipment					Not Applicable
23	11C - Laundry Equipment					Not Applicable
24	12A - Casework			\$ (5.80)	2.16%	\$ (50,640)
25	13A - Detention Equipment			\$ (0.13)	0.05%	\$ (1,110)
26	21A - Fire Suppression			\$ (2.48)	0.93%	\$ (21,707)
27	22A - Mechanical			\$ (46.23)	17.24%	\$ (404,000)
28	26A - Electrical & Security Electronics			\$ (40.26)	15.01%	\$ (351,770)
29	31A - Earthwork			\$ (8.47)	3.16%	\$ (74,000)
30	32A - Asphalt Paving			\$ (2.94)	1.10%	\$ (25,700)
31	32B - Concrete Paving			\$ (0.86)	0.32%	\$ (7,500)
32	32C - Landscaping			\$ (0.28)	0.10%	\$ (2,439)
33	33A - Utilities			\$ 0.69	-0.26%	\$ 6,000
34	Subtotal Construction Costs			\$ (251.61)	93.80%	\$ (2,198,525)
Miscellaneous Costs						
36	Data Processing	0.10%		\$ (0.27)	0.10%	\$ (2,344)
37	General Liability Insurance	1.10%		\$ (2.95)	1.10%	\$ (25,783)
38	Subtotal Construction & Miscellaneous Costs			\$ (254.82)	95.00%	\$ (2,226,652)
Fees & Contingency						
40	Design Contingency	0.00%		\$ -	0.00%	\$ -
41	Construction Contingency	3.00%		\$ (8.05)	3.00%	\$ (70,316)
42	Construction Manager Fee	2.00%		\$ (5.36)	2.00%	\$ (46,877)
43	Grand Total Construction Costs	8,738	GSF	\$ (268.24)	100.00%	\$ (2,343,845)



Alternate 3 Eliminate Dampproofing

Project: Jail & Law Enforcement Center
 Architect: Klein McCarthy Architects
 Estimate: Construction Documents dated 6/4/2020

Project Location: Valley City, ND
 Estimate By: MD/BK
 Date: August 12, 2020

Item	Description	Quantity	Unit	Cost/GSF	% of Cost	Alternate 3 Totals
	Work Scope Categories					
1	03A - Cast In Place Concrete			\$ (0.60)	93.79%	\$ (20,000)
2	Subtotal Construction Costs			\$ (0.60)	93.79%	\$ (20,000)
3	Miscellaneous Costs					
4	Data Processing	0.10%		\$ (0.00)	0.10%	\$ (22)
5	General Liability Insurance	1.10%		\$ (0.01)	1.10%	\$ (235)
6	Subtotal Construction & Miscellaneous Costs			\$ (0.60)	95.00%	\$ (20,257)
7	Fees & Contingency					
8	Design Contingency	0.00%		\$ -	0.00%	\$ -
9	Construction Contingency	3.00%		\$ (0.02)	3.00%	\$ (640)
10	Construction Manager Fee	2.00%		\$ (0.01)	2.00%	\$ (427)
11	Grand Total Construction Costs	33,608	GSF	\$ (0.63)	100.00%	\$ (21,324)



Alternate 5 Add Kitchen Equipment

***Carrying for review at a later date. Currently not in GMP**

Project: Jail & Law Enforcement Center
 Architect: Klein McCarthy Architects
 Estimate: Construction Documents dated 6/4/2020

Project Location: Valley City, ND
 Estimate By: MD/BK
 Date: August 12, 2020

Item	Description	Quantity	Unit	Cost/GSF	% of Cost	Alternate 5 Totals
	Work Scope Categories					
1	11A - Food Service Equipment			\$ 5.70	93.80%	\$ 191,600
2	Subtotal Construction Costs			\$ 5.70	93.80%	\$ 191,600
3	Miscellaneous Costs					
4	Data Processing	0.10%		\$ 0.01	0.10%	\$ 205
5	General Liability Insurance	1.10%		\$ 0.07	1.10%	\$ 2,247
6	Subtotal Construction & Miscellaneous Costs			\$ 5.77	95.00%	\$ 194,052
7	Fees & Contingency					
8	Design Contingency	0.00%		\$ -	0.00%	\$ -
9	Construction Contingency	3.00%		\$ 0.18	3.00%	\$ 6,129
10	Construction Manager Fee	2.00%		\$ 0.12	2.00%	\$ 4,086
11	Grand Total Construction Costs	33,608	GSF	\$ 6.08	100.00%	\$ 204,267



Alternate 6 Add Generator

Project: Jail & Law Enforcement Center
 Architect: Klein McCarthy Architects
 Estimate: Construction Documents dated 6/4/2020

Project Location: Valley City, ND
 Estimate By: MD/BK
 Date: August 12, 2020

Item	Description	Quantity	Unit	Cost/GSF	% of Cost	Alternate 6 Totals
	Work Scope Categories					
1	26A - Electrical & Security Electronics			\$ 3.09	93.80%	\$ 103,860
2	Subtotal Construction Costs			\$ 3.09	93.80%	\$ 103,860
3	Miscellaneous Costs					
4	Data Processing	0.10%		\$ 0.00	0.10%	\$ 111
5	General Liability Insurance	1.10%		\$ 0.04	1.10%	\$ 1,218
6	Subtotal Construction & Miscellaneous Costs			\$ 3.13	95.00%	\$ 105,189
7	Fees & Contingency					
8	Design Contingency	0.00%		\$ -	0.00%	\$ -
9	Construction Contingency	3.00%		\$ 0.10	3.00%	\$ 3,322
10	Construction Manager Fee	2.00%		\$ 0.07	2.00%	\$ 2,215
11	Grand Total Construction Costs	33,608	GSF	\$ 3.29	100.00%	\$ 110,726



Alternate 8 Deduct Bollards

Project: Jail & Law Enforcement Center
 Architect: Klein McCarthy Architects
 Estimate: Construction Documents dated 6/4/2020

Project Location: Valley City, ND
 Estimate By: MD/BK
 Date: August 12, 2020

Item	Description	Quantity	Unit	Cost/GSF	% of Cost	Alternate 8 Totals
	Work Scope Categories					
1	03A - Cast In Place Concrete			\$ (0.27)	52.25%	\$ (9,000)
2	05A - Structural & Miscellaneous Metals Supply			\$ (0.18)	35.45%	\$ (6,106)
3	09F - Painting			\$ (0.03)	6.08%	\$ (1,048)
4	Subtotal Construction Costs			\$ (0.48)	93.79%	\$ (16,154)
5	Miscellaneous Costs					
6	Data Processing	0.10%		\$ (0.00)	0.10%	\$ (18)
7	General Liability Insurance	1.10%		\$ (0.01)	1.10%	\$ (190)
8	Subtotal Construction & Miscellaneous Costs			\$ (0.49)	95.00%	\$ (16,362)
9	Fees & Contingency					
10	Design Contingency	0.00%		\$ -	0.00%	\$ -
11	Construction Contingency	3.00%		\$ (0.02)	3.00%	\$ (517)
12	Construction Manager Fee	2.00%		\$ (0.01)	2.00%	\$ (345)
13	Grand Total Construction Costs	33,608	GSF	\$ (0.51)	100.00%	\$ (17,224)

Barnes County Jail and Law Enforcement Center
GMP Estimate 8/18/20
Based on CD Documents Dated 6/04/20

A.1.1.5 Allowances

1. Export fill \$50,000
2. Project signage \$25,000
3. Valley City building permit \$9,300
4. Winter conditions, temporary heat, and enclosures \$67,300

The allowances listed above are included in the GMP Estimate.

Barnes County Jail and Law Enforcement Center
GMP Estimate 8/18/20
Based on CD Documents Dated 6/04/20

A.1.1.6 Clarifications and Assumptions

GENERAL QUALIFICATIONS / INCLUSIONS:

1. Based on Construction Documents package dated 6/04/20.
2. Assumes continuous construction.
3. Work to be done during regular working hours.
4. Assumes work to be started on 07/2020 and completed on 07/2021
5. Estimate is based on approximately 12 months of construction.
6. A 3% GMP Construction Manager's Contingency is included
7. Sales tax is included at a rate of 7.50%.
8. General liability insurance coverage is included.
9. Winter conditions and cold weather protection are addressed and covered based on the current schedule.

EXCLUSIONS:

1. Special Inspections & Testing
2. Geotechnical Services
3. Performance & Payment Bond
4. Access Flooring
5. Folding Panel Partitions
6. Audio Visual Equipment
7. High-Density Storage
8. Window Furnishings
9. Permanent Site Fencing
10. Generator/Transformer/Trash Enclosures
11. Owner Direct Soft Costs
12. Furniture, Fixtures, & Equipment (FFE)
13. Storage Shelving
14. Fitness Equipment
15. Residential Appliances
16. Architectural & Engineering Fees & Reimbursable
17. Owner Contingency
18. Permanent private utility company charges or hook-up fees.

**Barnes County Jail and Law Enforcement Center
A.1.1.7 Specifications Documents**

<u>DIVISION NO.</u>	<u>DIVISION NAME</u>	<u>DATE</u>
Division 00	PROCUREMENT AND CONTRACTING REQUIREMENTS	
00 0101	PROJECT TITLE PAGE	6/4/2020
00 0105	CERTIFICATIONS PAGE	6/4/2020
00 0110	TABLE OF CONTENTS	6/4/2020
00 1113	ADVERTISEMENT FOR BIDS	6/25/2020
00 2113	INSTRUCTIONS TO BIDDERS	6/4/2020
00 2113a	AIA A701-2018 INSTRUCTIONS TO BIDDERS	6/4/2020
00 3000	INFORMATION AVAILABLE TO BIDDERS	6/25/2020
00 3000.1	INFORMATION AVAILABLE TO BIDDERS - GEO TECHNICAL REPORT	6/4/2020
00 3113	CONSTRUCTION SCHEDULE	6/4/2020
00 4126	BID FORM	6/25/2020
00 4313	BID SECURITY AND BOND FORMS	6/4/2020
00 4313a	AIA A319-2010 BID BOND	6/4/2020
00 4322	UNIT PRICES	6/4/2020
00 4323	ALTERNATES	6/4/2020
00 5220	OWERN CONSTRUCTION MANAGER AGREEMENT	6/4/2020
00 6000a	AIA A312-2010 PERFORMANCE BOND	6/4/2020
00 6000b	AIA A312-2010 PAYMENT BOND	6/4/2020
00 7200a	AIA A232-2019 GENERAL CONDITIONS - CM EDITION	6/4/2020
00 7310	FORM OF AGREEMENT BETWEEN CONSTRUCTION MANAGER & SUBCONTRACTOR	6/4/2020
DIVISION 01	GENERAL REQUIREMENTS	
01 1000	SUMMARY	6/4/2020
01 1015	ELECTRONIC DRAWINGS	6/4/2020
01 1016	ELECTRONIC FILE TRANSFER FORM	6/4/2020
01 1101	WORK SEQUENCING AND BID CATEGORIES	6/25/2020
	PAYMENT PROCEDURES	6/25/2020
	TEXTURA INFORMATION	6/25/2020
01 3101	PROJECT COORDINATION	6/4/2020
01 3119	PROJECT MEETINGS	6/4/2020
01 3300	SUBMITTAL PROCEDURE	6/4/2020
01 3510	CONTAMINANT CONTROL	6/4/2020
01 3513.16	SPECIAL PROJECT PROCEDURES FOR DETENTION FACILITIES	6/4/2020
01 3513.16a	DETENTION EQUIPMENT CONTRACTOR PRE-QUALIFICATION STATEMENT	6/4/2020
01 4000	QUALITY REQUIREMENTS	6/4/2020
01 4533	CODE-REQUIRED SPECIAL INSPECTIONS	6/4/2020
01 5001	TEMPORARY FACILITIES AND CONTROLS	6/4/2020
01 5500	PROTECTION OF PERSONS AND PROPERTY	6/4/2020
01 5500	VEHICULAR ACCESS AND PARKING	6/4/2020
01 5713	EROSION AND SEDIMENT CONTROL	6/4/2020
01 5800	PROJECT IDENTIFICATION	6/4/2020
01 6000	PRODUCT REQUIREMENTS	6/4/2020
01 6000a	PRIOR APPROVAL PRODUCT SUBSTITUTION REQUEST FORM	6/4/2020
01 7113	MOBILIZATION	6/4/2020
01 7329	CUTTING & PATCHING	6/4/2020
01 7700	CLOSEOUT PROCEDURES	6/4/2020
01 7820	OPERATION AND MAINTENANCE DATA	6/4/2020
01 7900	DEMONSTRATION AND TRAINING	6/4/2020
DIVISION 02	EXISTING CONDITIONS	
DIVISION 03	CONCRETE	
03 1000	CONCRETE FORMING AND ACCESSORIES	6/4/2020
03 2000	CONCRETE REINFORCING	6/4/2020
03 3000	CAST-IN-PLACE CONCRETE	6/4/2020
03 3511	CONCRETE FLOOR FINISHES	6/4/2020
03 4500	PRECAST ARCHITECTURAL CONCRETE	6/4/2020
DIVISION 04	MASONRY	



**Barnes County Jail and Law Enforcement Center
A.1.1.7 Specifications Documents**

<u>DIVISION NO.</u>	<u>DIVISION NAME</u>	<u>DATE</u>
04 2000	UNIT MASONRY	6/4/2020
04 2200	EXTERIOR STONE CLADDING	6/4/2020
04 7300	MANUFACTURED STONE MASONRY	6/4/2020
<i>DIVISION 05</i>	<i>METALS</i>	
05 1200	STRUCTURAL STEEL FRAMING	6/4/2020
05 2100	STEEL JOIST FRAMING	6/4/2020
05 3100	STEEL DECKING	6/4/2020
05 4000	COLD-FORMED METAL FRAMING	6/4/2020
05 5000	METAL FABRICATIONS	6/4/2020
05 5100	METAL STAIRS	6/4/2020
05 5133	METAL LADDERS	6/4/2020
05 5213	PIPE AND TUB RAILINGS	6/4/2020
05 5963	DETENTION ENCLSOURES	6/4/2020
05 6000	SECURITY FASTENERS	6/4/2020
<i>DIVISION 06</i>	<i>WOOD, PLASTICS, AND COMPOSITES</i>	
06 1000	ROUGH CARPENTRY	6/4/2020
<i>Division 07</i>	<i>THERMAL AND MOISTURE PROTECTION</i>	
07 0553	FIRE AND SMOKE ASSEMBLY IDENTIFICAITON	6/4/2020
07 1113	BITUMINOUS DAMPPROOFING ALTERNATE #3	6/4/2020
07 2100	THERMAL INSULATION	6/4/2020
07 2119	FOAMED-IN-PLACE INSULATION	6/4/2020
07 2500	WEATHER BARRIERS	6/4/2020
07 4113	METAL ROOF PANELS	6/4/2020
07 4619	STEEL SIDING	6/4/2020
07 5300	ELASTOMERIC MEMBRANE ROOFING	6/4/2020
07 6200	SHEET METAL FLASHING AND TRIM	6/4/2020
07 7100	ROOF SPECIALTIES	6/4/2020
07 7200	ROOF ACCESSORIES	6/4/2020
07 8400	FIRESTOPPING	6/4/2020
07 9200	JOINT SEALANTS	6/4/2020
07 9215	SECURITY JOINT SEALANTS	6/4/2020
<i>DIVISION 08</i>	<i>OPENINGS</i>	
08 0671	COMMERCIAL DOOR HARDWARE SCHEDULE	6/4/2020
08 1113	HOLLOW METAL DOORS AND FRAMES	6/4/2020
08 1416	FLUSH WOOD DOORS	6/4/2020
08 3100	ACCESS DOORS AND PANELS	6/4/2020
08 3113.53	SECURITY ACCESS DOORS AND FRAMES	6/4/2020
08 3463	DETENTION DOORS AND FRAMES	
08 3613	SECTIONAL DOORS	6/4/2020
08 4313	ALUMINUM-FRAMED STOREFRONTS	6/4/2020
08 5653	DETENTION WINDOWS	6/4/2020
08 6200	UNIT SKYLIGHTS	6/4/2020
08 7100	COMMERCIAL DOOR HARDWARE	6/4/2020
08 7113	AUTOMATIC DOOR OPERATORS	6/4/2020
08 7163	DETENTION DOOR HARDWARE	6/4/2020
08 7163	DETENTION DOOR HARDWARE SCHEDULE	6/4/2020
08 8000	GLAZING	6/4/2020
08 8853	SECURITY GLAZING	6/4/2020
08 9100	MECHANICAL ROOF SCREEN LOUVERS - ALETERNATE #2	6/4/2020
<i>DIVISION 09</i>	<i>FINISHES</i>	
09 2116	GYPSUM BOARD ASSEMBLIES	6/4/2020
09 2216	NON STRUCTURAL METAL FRAMING	6/4/2020
09 2236	SECUIRITY LATH	6/4/2020
09 3000	TILING	6/4/2020
09 5100	ACOUSTICAL CEILINGS	6/4/2020



**Barnes County Jail and Law Enforcement Center
A.1.1.7 Specifications Documents**

<u>DIVISION NO.</u>	<u>DIVISION NAME</u>	<u>DATE</u>
09 6500	RESILIENT FLOORING	6/4/2020
09 6813	TILE CARPETING	6/4/2020
09 8430	SOUND ABSORBING WALL AND CEILING UNITS	6/4/2020
09 9123	INTERIOR PAINTING	6/4/2020
09 9600	HIGH PERFORMANCE COATINGS	6/4/2020
<i>DIVISION 10</i>	<i>SPECIALTIES</i>	
10 1100	VISUAL DISPLAY UNITS	6/4/2020
10 1400	SIGNAGE	6/4/2020
10 2600	WALL PROTECTION	6/4/2020
10 2800	TOILET, BATH AND LAUNDRY ACCESSORIES	6/4/2020
10 2813.63	DETENTION TOILET ACCESSORIES	6/4/2020
10 4400	FIRE PROTECTION SPECIALTIES	6/4/2020
10 4415	DETENTION FIRE PROTECTION CABINETS	6/4/2020
10 7500	FLAGPOLES	6/4/2020
<i>DIVISION 11</i>	<i>EQUIPMENT</i>	
11 0195	PROTECTIVE PADDING SYSTEMS	6/4/2020
11 1916	DETENTION GUN LOCKERS	6/4/2020
11 4000	FOODSERVICE EQUIPMENT - ALTERNATE #5	6/4/2020
11 6623	GYMNASIUM EQUIPMENT	6/4/2020
11 7000	LAUNDRY EQUIPMENT	6/4/2020
<i>DIVISION 12</i>	<i>FURNISHINGS</i>	
12 3200	MANUFACTURED WOOD CASEWORK	6/4/2020
12 3600	COUNTERTOPS	6/4/2020
12 5500	DETENTION FURNITURE	6/4/2020
<i>DIVISION 13</i>	<i>CONVEYING EQUIPMENT</i>	
13 3423	PREFABRICATED STEEL DETENTION CELL MODULES	6/4/2020
<i>DIVISION 21</i>	<i>FIRE PROTECTION</i>	
21 0500	FIRE PROTECTION GENERAL PROVISIONS	6/4/2020
21 0510	COMMON WORK RESULTS FOR FIRE PROTECTION	6/4/2020
21 1000	FIRE SPRINKLER SYSTEM	6/4/2020
<i>DIVISION 22</i>	<i>PLUMBING</i>	
22 0500	PLUMBING GENERAL PROVISIONS	6/4/2020
22 0510	COMMON WORK RESULTS FOR PLUMBING	6/4/2020
22 0520	GENERAL MOTOR REQUIREMENTS	6/4/2020
22 0700	PLUMBING INSULATION	6/4/2020
22 1100	PLUMBING PIPING	6/4/2020
22 1200	PLUMBING SPECIALTIES	6/4/2020
22 1300	SANITARY WASTE SPECIALTIES	6/4/2020
22 1400	STORM DRAINAGE SPECIALTIES	6/4/2020
22 3000	PLUMBING EQUIPMENT	6/4/2020
22 4000	PLUMBING FIXTURES	6/4/2020
<i>DIVISION 23</i>	<i>HEATING, VENTILATING AND AIR CONDITIONING</i>	
23 0500	HVAC GENERAL PROVISIONS	6/4/2020
23 0510	COMMON WORK RESULTS FOR HVAC	6/4/2020
23 0520	GENERAL MOTOR REQUIREMENTS	6/4/2020
23 0590	TESTING ADJUSTING AND BALANCING	6/4/2020
23 0700	HVAC INSULATION	6/4/2020
23 0900	HVAC DDC CONTROLS	6/4/2020
23 0990	HVAC SEQUENCE OF OPERATIONS	6/4/2020
23 2000	HVAC PIPING	6/4/2020
23 2100	HYDRONIC SYSTEMS	6/4/2020
23 2200	HYDRONIC PUMPS AND SPECIALTIES	6/4/2020
23 3000	AIR DISTRIBUTION	6/4/2020

**Barnes County Jail and Law Enforcement Center
A.1.1.7 Specifications Documents**

<u>DIVISION NO.</u>	<u>DIVISION NAME</u>	<u>DATE</u>
23 3400	FANS AND FAN SYSTEMS	6/4/2020
23 3700	AIR OUTLETS AND INLETS	6/4/2020
23 3800	COMMERCIAL KITCHEN HOODS	6/4/2020
23 5000	CENTRAL HEATING EQUIPMENT	6/4/2020
23 6000	CENTRAL COOLING EQUIPMENT	6/4/2020
23 7000	CETNERL HVAC EQUIPMENT	6/4/2020
23 8000	DECENTRALIZED HVAC EQUIPMENT	6/4/2020
<i>DIVISION 26</i>	<i>ELECTRICAL</i>	
26 0500	COMMON WORK RESULTS FOR ELECTRICAL	6/4/2020
26 0519	CONDUCTORS	6/4/2020
26 0526	GROUNDING & BONDING FOR ELECTRICAL SYSTEMS	6/4/2020
26 0533	RACEWAYS	6/4/2020
26 0534	OUTLET, PULL & JUNCTION BOXES	6/4/2020
26 0536	CABLE TRAY	6/4/2020
26 0539	UNDERFLOOR DUCT	6/4/2020
26 0540	FLOOR BOXES	6/4/2020
26 0553	IDENTIFICATION	6/4/2020
26 0573	COORDINATION STUDY	6/4/2020
26 0943	LIGHTING CONTROL SYSTEM	6/4/2020
26 2200	TRANSFORMERS	6/4/2020
26 2416	PANELBOARDS	6/4/2020
26 2713	ELECTRIC SERVICE	6/4/2020
26 2726	WIRING DEVICES & DEVICE PLATES	6/4/2020
26 2813	FUSES	6/4/2020
26 2816	ENCLOSED SWITCHES & CIRCUIT BREAKERS	6/4/2020
26 2913	MOTOR STARTERS	6/4/2020
26 3213	GENERATOR SET	6/4/2020
26 3353	UNINTERRUPTABLE POWER SUPPLY SYSTEM	6/4/2020
26 3600	TRANSFER SWITCHES	6/4/2020
26 4313	SURGE PROTECTIVE DEVICES	6/4/2020
26 5100	LUMINAIRES	6/4/2020
26 6500	KITCHEN EQUIPMENT WIRING	6/4/2020
26 6510	OVERHEAD DOOR WIRING	6/4/2020
26 6540	CONNECTIONS TO EQUIPMENT	6/4/2020
<i>DIVISION 27</i>	<i>COMMUNICATIONS</i>	
27 0500	DIVISION 27 GENERAL PROVISIONS	6/4/2020
27 0528	NETWORK SYSTEMS ROUGH-IN	6/4/2020
27 1500	NETWORK SYSTEMS CABLING	6/4/2020
27 1510	FIBER OPTIC CABLING	6/4/2020
27 4133	TV SIGNAL CABLING	6/4/2020
27 5117	AUDIO VISUAL SYSTEMS	6/4/2020
<i>DIVISION 28</i>	<i>ELECTRONIC SAFETY AND SECURITY</i>	
28 0500	DIVISION 28 GENERAL PROVISIONS	6/4/2020
28 0600	SECURITY ELECTRONICS CONTRACTOR	6/4/2020
28 1100	SECURITY AUTOMATION SYSTEM	6/4/2020
28 1200	GRAPHIC USER INTERFACES	6/4/2020
28 1325	AUXILIARY CONTROLS SYSTEM	6/4/2020
28 2110	AUDIO COMMUNICATION SYSTEM	6/4/2020
28 2310	CCTV SYSTEM	6/4/2020
28 2700	SURVEILLANCE SYSTEM	6/4/2020
28 2800	CONTROLLED ACCESS SYSTEM	6/4/2020
28 3111	FIRE ALARM & DETECTION	6/4/2020
<i>DIVISION 31</i>	<i>EARTHWORK</i>	
31 1000	SITE CLEARING	6/4/2020
31 2200	GRADING	6/4/2020
31 2316	EXCAVATION	6/4/2020



**Barnes County Jail and Law Enforcement Center
A.1.1.7 Specifications Documents**

<u>DIVISION NO.</u>	<u>DIVISION NAME</u>	<u>DATE</u>
31 2316.13	TRENCHING	6/4/2020
31 2323	FILL	6/4/2020
<i>DIVISION 32</i>	<i>EXTERIOR IMPROVEMENTS</i>	
32 1123	AGGREGATE BASE COURSES	6/4/2020
32 1216	ASPHALT PAVING	6/4/2020
32 1313	CONCRETE PAVING	6/4/2020
32 1723.13	PAINTED PAVEMENT MARKINGS	6/4/2020
32 1729.10	SITE TRAFFIC SIGNAGE	6/4/2020
32 3300	SITE FURNISHINGS	6/4/2020
32 9219	SEEDING	6/4/2020

**Barnes County Jail and Law Enforcement Center
A.1.1.8 List of Drawing Documents**

<u>SHEET NO.</u>	<u>SHEET NAME</u>	<u>DATE</u>
GENERAL		
T1.0	TITLE SHEET	6/4/2020
CP1.0	CODE COMPLIANCE SUMMARY - OCCUPANCY PLAN & SMOKE COMPARTMENTS - ND	6/25/2020
CP1.1	FIRST LEVEL - CODE COMPLIANCE PLAN	6/16/2020
CP2.1	DOCR GUIDELINE COMPLIANCE PLANS	6/25/2020
CIVIL		
C1	EXISTING CONDITIONS & REMOVALS PLAN	6/4/2020
C2	SITE LAYOUT PLAN	6/4/2020
C3	UTILITY PLAN	6/4/2020
C4	GRADING & EROSION CONTROL PLAN	6/4/2020
C5	DETAILS	6/4/2020
C6	DETAILS	6/4/2020
C7	DETAILS	6/4/2020
STRUCTURAL		
S-001.00	GENERAL NOTES	6/4/2020
S-002.00	SPECIAL INSPECTIONS	6/4/2020
S-100.00	FOUNDATIONS PLAN - WEST	6/4/2020
S-101.00	FOUNDATION PLAN - EAST	6/4/2020
S-102.00	SLAB ON GRADE PLAN - WEST	6/4/2020
S-103.00	SLAB ON GRADE PLAN - EAST	6/4/2020
S-104.00	SECOND FLOOR PLAN	6/4/2020
S-106.00	LOWER ROOF FRAMING PLAN - WEST	6/4/2020
S-107.00	LOWER ROOF FRAMING PLAN - EAST	6/4/2020
S-108.00	UPPER ROOF FRAMING PLAN - WEST	6/4/2020
S-108.01	UPPER ROOF FRAMING PLAN - WEST	6/16/2020
S-109.00	UPPER ROOF FRAMING PLAN - EAST	6/4/2020
S-300.00	FOUNDATION DETAILS	6/4/2020
S-301.00	FOUNDATION DETAILS	6/4/2020
S-302.00	TYPICAL STEEL DETAILS	6/4/2020
S-303.00	DETAILS	6/4/2020
LANDSCAPE		
L1	LANDSCAPE PLAN	6/4/2020
L2	LANDSCAPE DETAILS	6/4/2020
ARCHITECTURAL		
A0.0	OVERALL ARCHITECTURAL SITE PLANE	6/25/2020
A1.1	FIRST LEVEL - FLOOR PLAN - OVERALL	6/4/2020
A1.1A	FIRST LEVEL AREA A - FLOOR PLAN	6/16/2020
A.1.1A DIM	FIRST LEVEL AREA A - DIMENSION PLAN	6/4/2020
A1.1A FN	FIRST LEVEL AREA A - FINISH PLAN	6/4/2020
A1.1B	FIRST LEVEL AREA B - FLOOR PLAN	6/16/2020
A1.1B DIM	FIRST LEVEL AREA B - DIMENSION PLAN	6/4/2020
A1.1B FN	FIRST LEVEL AREA B - FINISH PLAN ALTERNATE DEDUCT #1	6/4/2020
A1.2	SECOND LEVEL - FLOOR PLAN	6/4/2020

**Barnes County Jail and Law Enforcement Center
A.1.1.8 List of Drawing Documents**

<u>SHEET NO.</u>	<u>SHEET NAME</u>	<u>DATE</u>
A1.2 DIM	SECOND LEVEL - DIMENSION PLAN	6/4/2020
A1.2 FN	SECOND LEVEL - FINISH PLAN	6/4/2020
A1.3 PC	PRECAST PANEL PLAN AND ELEVATIONS	6/4/2020
A1.WT	WALL TYPES	6/4/2020
A2.1A	FIRST LEVEL AREA A - REFLECTED CEILING PLAN	6/4/2020
A2.1B	FIRST LEVEL AREA B - REFLECTED CEILING PLAN	6/4/2020
A2.2	SECOND LEVEL - REFLECTED CEILING PLAN	6/16/2020
A2.3	CEILING DETAILS	6/4/2020
A3.1A	ROOF PLAN - AREA A	6/25/2020
A3.1B	ROOF PLAN - AREA B	6/25/2020
A3.2	ROOF DETAILS	6/4/2020
A3.3	ROOF DETAILS	6/4/2020
A4.1	EXTERIOR ELEVATIONS	6/4/2020
A4.2	EXTERIOR ELEVATIONS	6/4/2020
A5.1	BUILDING SECTIONS	6/4/2020
A5.3	WALL SECTIONS	6/4/2020
A5.4	WALL SECTIONS	6/4/2020
A5.5	WALL SECTIONS	6/4/2020
A6.1	STAIR FLOOR PLANS & SECTIONS	6/4/2020
A7.1	OPENING SCHEDULE	6/16/2020
A7.2	DOOR & FRAME ELEVATIONS	6/16/2020
A7.4	ROOM FINISH SCHEDULE	6/25/2020
A7.5	FRAME DETAILS	6/16/2020
A7.6	FRAME DETAILS	6/4/2020
A8.1	ENLARGED PLANS & INTERIOR ELEVATIONS	6/25/2020
A8.2	ENLARGED PLANS & INTERIOR ELEVATIONS	6/4/2020
A8.3	ENLARGED PLANS & INTERIOR ELEVATIONS	6/25/2020
A8.4	ENLARGED PLANS & INTERIOR ELEVATIONS	6/25/2020
A8.5	ENLARGED PLANS & INTERIOR ELEVATIONS	6/4/2020
A8.6	ENLARGED PLANS & INTERIOR ELEVATIONS - ALTERNATE DEDUCT #1	6/25/2020
A8.7	ENLARGED PLANS & INTERIOR ELEVATIONS - ALTERNATE DEDUCT #1	6/4/2020
A9.1	EXTERIOR DETAILS	6/16/2020
A9.2	EXTERIOR DETAILS	6/16/2020
A9.3	INTERIOR DETAILS	6/16/2020
A9.4	INTERIOR DETAILS	6/4/2020
A9.5	INTERIOR DETAILS	6/4/2020
A9.6	CASEWORK DETAILS	6/4/2020
A9.7	CASEWORK DETAILS	6/4/2020
A10.1	BID ALTERNATE DEDUCT #1 - PLAN	6/16/2020

SECURITY WALLS

SW1.1	SECURITY WALL & ENCLSOURE PLANS	6/25/2020
SW1.2	SECURITY WALL & ENCLSOURE PLANS	6/25/2020

FOOD SERVICE

FS100	FOOD SERVICE EQUIPMENT PLAN & SCHEDULE	6/4/2020
FS200	FOOD SERVICE EQUIPMENT ELEVATIONS & SECTIONS	6/25/2020
FS201	FOOD SERVICE EQUIPMENT ELEVATIONS & SECTIONS	6/4/2020
FS300	FOOD SERVICE EQUIPMENT SPECIAL CONDITIONS PLAN & DETAILS	6/4/2020
FS400	FOOD SERVICE EQUIPMENT STANDARD DETAILS	6/4/2020
FS401	FOOD SERVICE EQUIPMENT STANDARD DETAILS	6/4/2020

**Barnes County Jail and Law Enforcement Center
A.1.1.8 List of Drawing Documents**

<u>SHEET NO.</u>	<u>SHEET NAME</u>	<u>DATE</u>
FSE100	FOOD SERVICE EQUIPMTN ELECTRICAL SCHEDULE	6/4/2020
FSE101	FOOD SERVICE EQUIPMENT ELECTRICAL PLAN	6/4/2020
FSM100	FOOD SERVICE EQUIPMENT MECHANICAL SCHEDULE	6/4/2020
FSM101	FOOD SERVICE EQUIPMENT MECHANICAL PLAN	6/4/2020

FIRE PROTECTION

FS1.1	AREA A - FIRE SPRINKLER	6/4/2020
FS1.2	AREA B - FIRE SPRINKLER	6/4/2020

MECHANICAL

M0.1	GENERAL NOTES & LEGENDS	6/4/2020
M1.0A	AREA A - UNDERGROUND PLUMBING	6/4/2020
M1.0B	AREA B - UNDERGROUND PLUMBING	6/4/2020
M1.1A	AREA A - ABOVE GROUND PLUMBING	6/4/2020
M1.1B	AREA B - ABOVE GROUND PLUMBING	6/4/2020
M2.1A	AREA A - SYSTEM PIPING	6/4/2020
M2.1B	AREA B - SYSTEM PIPING	6/4/2020
M3.1A	AREA A - DUCTING	6/4/2020
M3.1B	AREA B - DUCTING	6/4/2020
M3.2A	AREA A - GRD	6/4/2020
M3.2B	AREA B - GRD	6/4/2020
M3.3	CELL SECOND LEVEL DUCING AND GRD	6/16/2020
M3.4	ROOFTOP PLAN	6/4/2020
M4.0	DETAILS	6/4/2020
M4.1	DETAILS	6/4/2020
M4.2	DETAILS	6/4/2020
M4.3	DETAILS	6/4/2020
M4.4	DETAILS	6/4/2020
M4.5	KITCHEN FLOOR PLAN	6/4/2020
M4.6	KITCHEN SCHEDULES	6/4/2020
M4.7	CELL BLOCK RISER	6/4/2020
M4.8	MISC. PLUMBING DETAILS	6/25/2020
M4.9	MISC. PLUMBING DETAILS	6/25/2020
M5.0	SCHEDULES	6/4/2020
M5.1	SCHEDULES	6/4/2020
M5.2	SCHEDULES	6/25/2020
M6.1A	TEMPERATURE CONTROLS	6/25/2020
M6.1B	TEMPERATURE CONTROLS	6/4/2020

ELECTRICAL

E0.1	ELECTRICAL SYMBOLS &GENERAL NOTES	6/25/2020
E1.0	ELECTRICAL SITE PLAN	6/4/2020
E2.1A	FIRST LEVEL AREA A - LIGHTING PLAN	6/25/2020
E2.1B	FIRST LEVEL AREA B - LIGHTING PLAN	6/4/2020
E2.2	SECOND LEVEL PLANS	6/4/2020
E2.3	LIGHTING SCHEDULE & DETAILS	6/25/2020
E3.1A	FIRST LEVEL AREA A - POWER PLAN	6/25/2020
E3.1B	FIRST LEVEL AREA B - POWER PLAN	6/4/2020
E3.2	KITCHEN PLAN & DETAILS	6/4/2020

Barnes County Jail and Law Enforcement Center
A.1.1.8 List of Drawing Documents

<u>SHEET NO.</u>	<u>SHEET NAME</u>	<u>DATE</u>
E3.3	RISER DIAGRAM & DETAILS	6/4/2020
E3.4	ELECTRICAL DETAILS	6/4/2020
E3.5	ELECTRICAL DETAILS	6/4/2020
E3.6	ELECTRICAL DETAILS	6/4/2020
E4.1A	FIRST LEVEL AREA A - SYSTEMS PLAN	6/4/2020
E4.1B	FIRST LEVEL AREA B - SYSTEMS PLAN	6/4/2020
E4.2	SYSTEMS DETAILS	6/4/2020
<i>SECURITY ELECTRONICS</i>		
ES1.1A	FIRST LEVEL AREA A - SECURITY ELECTRONICS PLAN	6/25/2020
ES1.2	SECOND LEVEL SECURITY ELECTRONICS PLAN	6/4/2020
ES2.1	DOOR & UTILITY WIRING DETAILS	6/4/2020
ES2.2	SECURITY SYSTEM NETWORK DETAILS	6/4/2020
ES2.3	AUDIO COMMUNICATOIN SYSTEM DETAILS	6/25/2020

Barnes County Jail and Law Enforcement Center
GMP Estimate 8/18/20
Based on DD Documents Dated 6/04/20

A.1.1.9 Other Documents

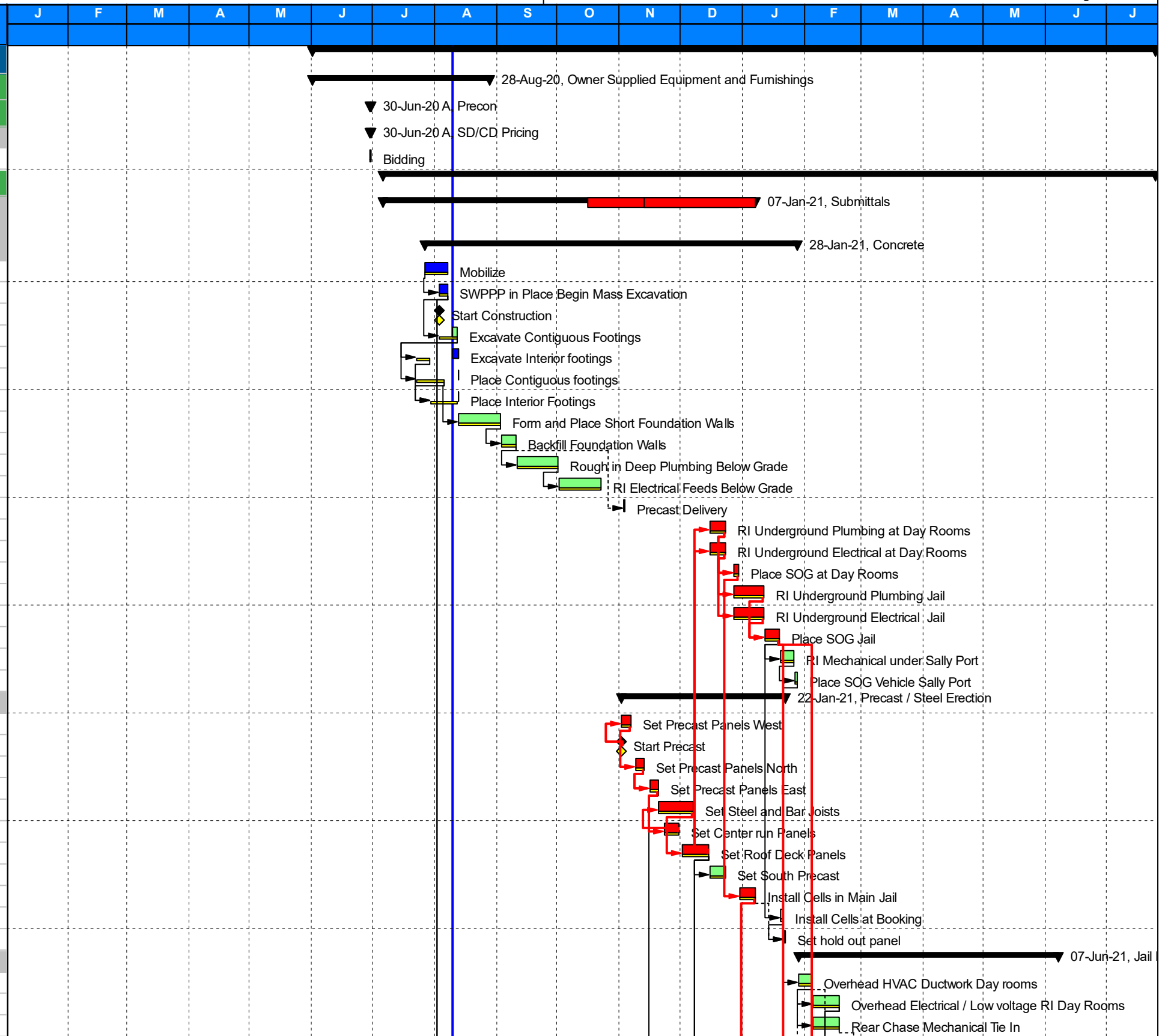
1. Report of Geo-Technical Exploration as prepared by Terracon Consultants Inc. dated February 11th 2020. Terracon Consultants Inc. project M195077

Barnes County Jail and Law Enforcement Center
GMP Estimate 8/18/20
Based on DD Documents Dated 6/04/20

Exhibit B – Proposed Schedule

See attached schedule

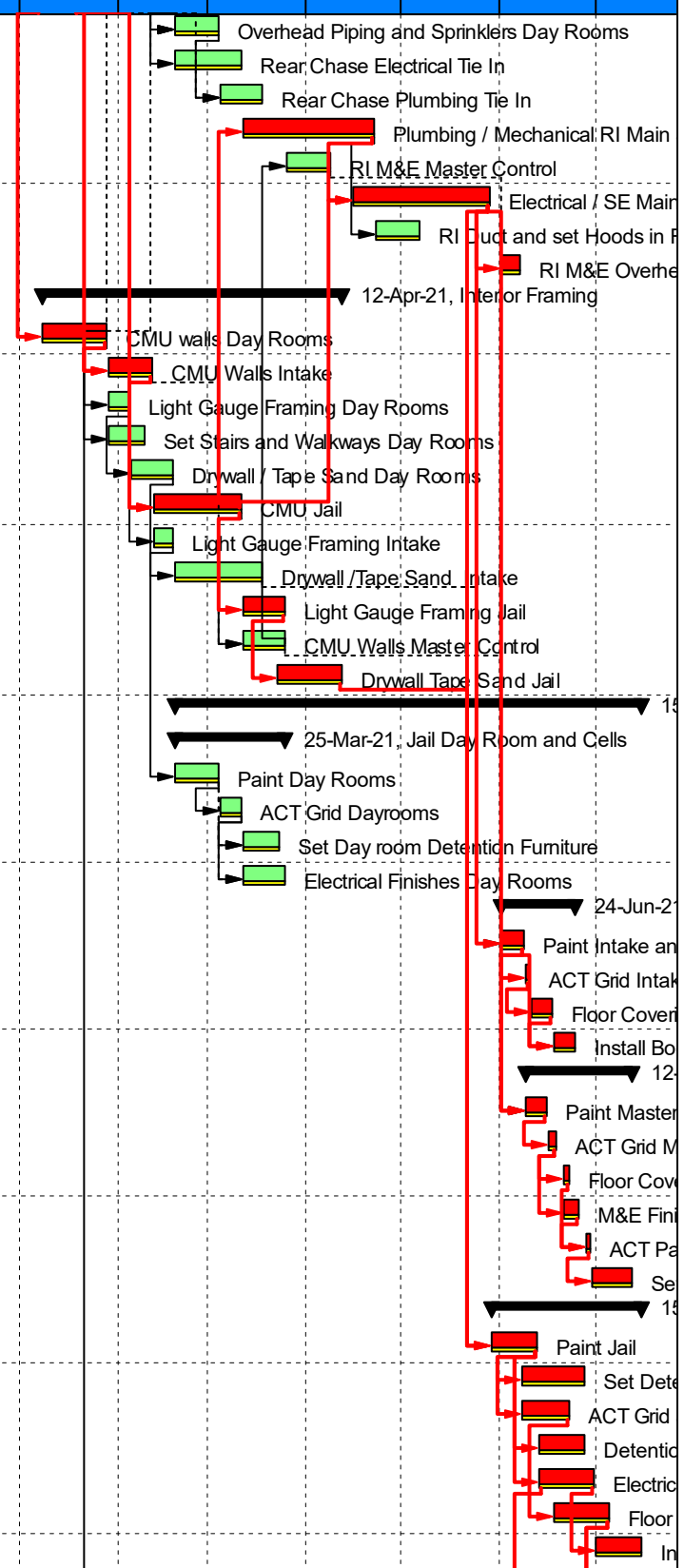
Activity Name	Dur	Start	Finish	BL1 Start
Barnes County Correctional C	420	01-Jun-20 A	25-Jul-21	01-Jun-20
Owner Supplied Equipment ar	64	01-Jun-20 A	28-Aug-20	01-Jun-20
Precon	1	30-Jun-20 A	30-Jun-20 A	30-Jun-20
SD/CD Pricing	1	30-Jun-20 A	30-Jun-20 A	30-Jun-20
Bidding	1	30-Jun-20 A	30-Jun-20 A	30-Jun-20
Construction	385	06-Jul-20 A	25-Jul-21	06-Jul-20
Submittals	128	06-Jul-20 A	07-Jan-21	06-Jul-20
Foundation Work	0			
Concrete	190	27-Jul-20 A	28-Jan-21	23-Jul-20
Mobilize	10	27-Jul-20 A	07-Aug-20 A	27-Jul-20
SWPPP in Place Begin Mass Excavation	5	03-Aug-20 A	07-Aug-20 A	03-Aug-20
Start Construction	0	03-Aug-20 A		03-Aug-20
Excavate Contiguous Footings	8	10-Aug-20 A	12-Aug-20	03-Aug-20
Excavate Interior footings	5	10-Aug-20 A	13-Aug-20	23-Jul-20
Place Contiguous footings	10	13-Aug-20 A	13-Aug-20	23-Jul-20
Place Interior Footings	10	13-Aug-20 A	13-Aug-20	30-Jul-20
Form and Place Short Foundation Walls	15	13-Aug-20	02-Sep-20	13-Aug-20
Backfill Foundation Walls	5	03-Sep-20	10-Sep-20	03-Sep-20
Rough in Deep Plumbing Below Grade	15	11-Sep-20	01-Oct-20	11-Sep-20
RI Electrical Feeds Below Grade	15	02-Oct-20	22-Oct-20	02-Oct-20
Precast Delivery	1	03-Nov-20	03-Nov-20	03-Nov-20
RI Underground Plumbing at Day Rooms	6	16-Dec-20	23-Dec-20	16-Dec-20
RI Underground Electrical at Day Rooms	6	16-Dec-20	23-Dec-20	16-Dec-20
Place SOG at Day Rooms	3	28-Dec-20	30-Dec-20	28-Dec-20
RI Underground Plumbing Jail	10	28-Dec-20	11-Jan-21	28-Dec-20
RI Underground Electrical Jail	10	28-Dec-20	11-Jan-21	28-Dec-20
Place SOG Jail	6	12-Jan-21	19-Jan-21	12-Jan-21
RI Mechanical under Sally Port	5	20-Jan-21	26-Jan-21	20-Jan-21
Place SOG Vehicle Sally Port	2	27-Jan-21	28-Jan-21	27-Jan-21
Precast / Steel Erection	82	02-Nov-20	22-Jan-21	02-Nov-20
Set Precast Panels West	5	02-Nov-20	06-Nov-20	02-Nov-20
Start Precast	0	02-Nov-20*		02-Nov-20
Set Precast Panels North	5	09-Nov-20	13-Nov-20	09-Nov-20
Set Precast Panels East	5	16-Nov-20	20-Nov-20	16-Nov-20
Set Steel and Bar Joists	10	20-Nov-20	07-Dec-20	20-Nov-20
Set Center run Panels	4	23-Nov-20	30-Nov-20	23-Nov-20
Set Roof Deck Panels	10	02-Dec-20	15-Dec-20	02-Dec-20
Set South Precast	6	16-Dec-20	23-Dec-20	16-Dec-20
Install Cells in Main Jail	5	31-Dec-20	07-Jan-21	31-Dec-20
Install Cells at Booking	2	20-Jan-21	21-Jan-21	20-Jan-21
Set hold out panel	1	22-Jan-21	22-Jan-21	22-Jan-21
Jail Rough Ins	90	29-Jan-21	07-Jun-21	29-Jan-21
Overhead HVAC Ductwork Day rooms	5	29-Jan-21	04-Feb-21	29-Jan-21
Overhead Electrical / Low voltage RI Day I	10	05-Feb-21	18-Feb-21	05-Feb-21
Rear Chase Mechanical Tie In	10	05-Feb-21	18-Feb-21	05-Feb-21



- Primary
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Baseline Milestone
- ◆ Milestone
- Summary

Barnes County Correctional Center

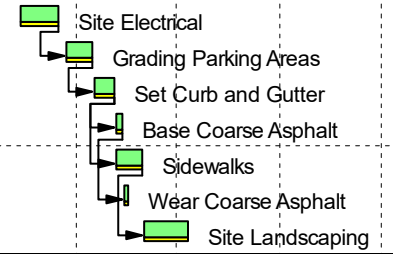
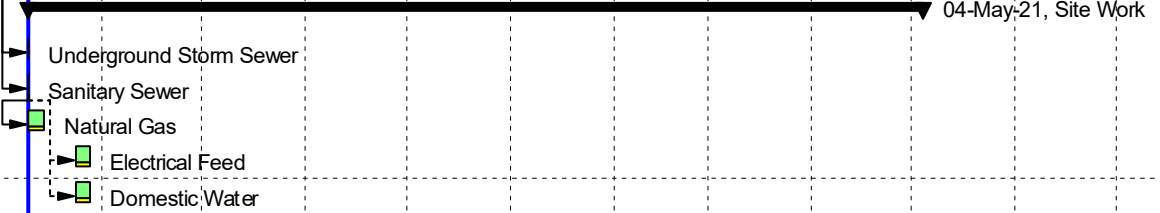
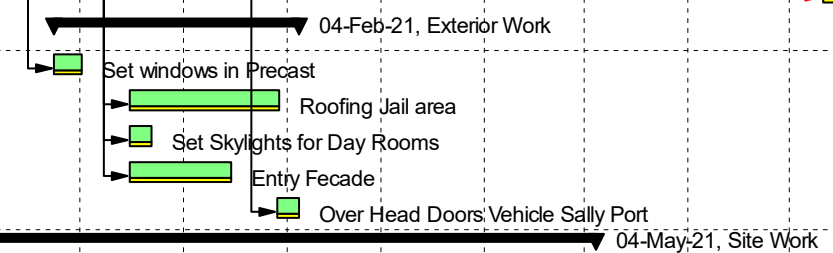
Activity Name	Dur	Start	Finish	BL1 Start	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J
Overhead Piping and Sprinklers Day Room	10	19-Feb-21	04-Mar-21	19-Feb-21																			
Rear Chase Electrical Tie In	15	19-Feb-21	11-Mar-21	19-Feb-21																			
Rear Chase Plumbing Tie In	10	05-Mar-21	18-Mar-21	05-Mar-21																			
Plumbing / Mechanical RI Main Jail Feeds	30	12-Mar-21	22-Apr-21	12-Mar-21																			
RI M&E Master Control	10	26-Mar-21	08-Apr-21	26-Mar-21																			
Electrical / SE Main Feeds to SE Room	30	16-Apr-21	28-May-21	16-Apr-21																			
RI Duct and set Hoods in Food Service	10	23-Apr-21	06-May-21	23-Apr-21																			
RI M&E Overhead Food Service	5	01-Jun-21	07-Jun-21	01-Jun-21																			
Interior Framing	67	08-Jan-21	12-Apr-21	08-Jan-21																			
CMU walls Day Rooms	15	08-Jan-21	28-Jan-21	08-Jan-21																			
CMU Walls Intake	10	29-Jan-21	11-Feb-21	29-Jan-21																			
Light Gauge Framing Day Rooms	5	29-Jan-21	04-Feb-21	29-Jan-21																			
Set Stairs and Walkways Day Rooms	8	29-Jan-21	09-Feb-21	29-Jan-21																			
Drywall / Tape Sand Day Rooms	10	05-Feb-21	18-Feb-21	05-Feb-21																			
CMU Jail	20	12-Feb-21	11-Mar-21	12-Feb-21																			
Light Gauge Framing Intake	5	12-Feb-21	18-Feb-21	12-Feb-21																			
Drywall / Tape Sand Intake	20	19-Feb-21	18-Mar-21	19-Feb-21																			
Light Gauge Framing Jail	10	12-Mar-21	25-Mar-21	12-Mar-21																			
CMU Walls Master Control	10	12-Mar-21	25-Mar-21	12-Mar-21																			
Drywall Tape Sand Jail	15	23-Mar-21	12-Apr-21	23-Mar-21																			
Finishess	147	19-Feb-21	15-Jul-21	19-Feb-21																			
Jail Day Room and Cells	25	19-Feb-21	25-Mar-21	19-Feb-21																			
Paint Day Rooms	10	19-Feb-21	04-Mar-21	19-Feb-21																			
ACT Grid Dayrooms	5	05-Mar-21	11-Mar-21	05-Mar-21																			
Set Day room Detention Furniture	8	12-Mar-21	23-Mar-21	12-Mar-21																			
Electrical Finishes Day Rooms	10	12-Mar-21	25-Mar-21	12-Mar-21																			
Intake and Booking	18	01-Jun-21	24-Jun-21	01-Jun-21																			
Paint Intake and Booking	6	01-Jun-21	08-Jun-21	01-Jun-21																			
ACT Grid Intake	2	09-Jun-21	10-Jun-21	09-Jun-21																			
Floor Coverings Booking area	5	11-Jun-21	17-Jun-21	11-Jun-21																			
Install Booking Equipment	5	18-Jun-21	24-Jun-21	18-Jun-21																			
Master Control	23	09-Jun-21	12-Jul-21	09-Jun-21																			
Paint Master Control	5	09-Jun-21	15-Jun-21	09-Jun-21																			
ACT Grid Master Control	3	16-Jun-21	18-Jun-21	16-Jun-21																			
Floor Coverings Master Control	2	21-Jun-21	22-Jun-21	21-Jun-21																			
M&E Finishes Master Control	5	21-Jun-21	25-Jun-21	21-Jun-21																			
ACT Pad Out Master Control	2	28-Jun-21	29-Jun-21	28-Jun-21																			
Set Equipment Master Control	8	30-Jun-21	12-Jul-21	30-Jun-21																			
Main Jail	48	29-May-21	15-Jul-21	29-May-21																			
Paint Jail	15	29-May-21	12-Jun-21	29-May-21																			
Set Detention Doors and Hardware	20	08-Jun-21	27-Jun-21	08-Jun-21																			
ACT Grid Jail	15	08-Jun-21	22-Jun-21	08-Jun-21																			
Detention Glazing	15	13-Jun-21	27-Jun-21	13-Jun-21																			
Electrical Finishes Jail	18	13-Jun-21	30-Jun-21	13-Jun-21																			
Floor Coverings and Finishes Jail	18	18-Jun-21	05-Jul-21	18-Jun-21																			
Install Dispatch Equipment	15	01-Jul-21	15-Jul-21	01-Jul-21																			



█ Primary █ Critical Remaining Work ▶ Summary
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Barnes County Correctional Center

Activity Name	Dur	Start	Finish	BL1 Start	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	
Inspections and CO	43	13-Jun-21	25-Jul-21	13-Jun-21																				
Punchlist	27	13-Jun-21	09-Jul-21	13-Jun-21																				
Plumbing Final	3	06-Jul-21	08-Jul-21	06-Jul-21																				
Mechanical Final	1	06-Jul-21	06-Jul-21	06-Jul-21																				
Electrical Final	1	07-Jul-21	07-Jul-21	07-Jul-21																				
Fire Protection Final	1	08-Jul-21	08-Jul-21	08-Jul-21																				
Food Service Final	1	09-Jul-21	09-Jul-21	09-Jul-21																				
Building Final	1	09-Jul-21	09-Jul-21	09-Jul-21																				
Health Dept Final	1	10-Jul-21	10-Jul-21	10-Jul-21																				
Certificate of Occupancy	1	10-Jul-21	10-Jul-21	10-Jul-21																				
Substantial Completion	0		10-Jul-21																					
Food Service Inspection	1	11-Jul-21	11-Jul-21	11-Jul-21																				
Jail shake down and Security Electronics	15	11-Jul-21	25-Jul-21	11-Jul-21																				
Exterior Work	49	23-Nov-20	04-Feb-21	23-Nov-20																				
Set windows in Precast	5	23-Nov-20	01-Dec-20	23-Nov-20																				
Roofing Jail area	30	16-Dec-20	29-Jan-21	16-Dec-20																				
Set Skylights for Day Rooms	5	16-Dec-20	22-Dec-20	16-Dec-20																				
Entry Facade	20	16-Dec-20	15-Jan-21	16-Dec-20																				
Over Head Doors Vehicle Sally Port	5	29-Jan-21	04-Feb-21	29-Jan-21																				
Site Work	186	10-Aug-20	04-May-21	10-Aug-20																				
Underground Storm Sewer	0	10-Aug-20	10-Aug-20	10-Aug-20																				
Sanitary Sewer	0	10-Aug-20	10-Aug-20	10-Aug-20																				
Natural Gas	5	10-Aug-20	14-Aug-20	10-Aug-20																				
Electrical Feed	5	24-Aug-20*	28-Aug-20	24-Aug-20																				
Domestic Water	5	24-Aug-20*	28-Aug-20	24-Aug-20																				
Site Electrical	10	15-Mar-21*	26-Mar-21	15-Mar-21																				
Grading Parking Areas	6	29-Mar-21	05-Apr-21	29-Mar-21																				
Set Curb and Gutter	5	06-Apr-21	12-Apr-21	06-Apr-21																				
Base Coarse Asphalt	2	13-Apr-21	14-Apr-21	13-Apr-21																				
Sidewalks	6	13-Apr-21	20-Apr-21	13-Apr-21																				
Wear Coarse Asphalt	2	15-Apr-21	16-Apr-21	15-Apr-21																				
Site Landscaping	10	21-Apr-21	04-May-21	21-Apr-21																				



▬ Primary ▬ Critical Remaining Work ▬ Summary
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Barnes County Correctional Center

Barnes County Jail and Law Enforcement Center
GMP Estimate 8/18/20
Based on DD Documents Dated 6/04/20

Exhibit C – Take Offs

1. AP – Architectural Take Off
 - a. Exterior Curb, Gutter and Parking Lot
 - b. Utilities
 - c. Exterior Furnishings and Equipment
 - d. Interior Furnishings
 - e. Masonry
 - f. Square Footage
 - g. Ceiling
 - h. Roofing Material
 - i. Exterior Building Skin
 - j. Doors, Frames and Hardware
2. AP – Concrete Take Off
3. Olympic Companies – Drywall Take Off
4. Pauly Jail – DEC Package
5. Accurate – Security Electronics Take Off

