

PLANNING & DEVELOPMENT MEMORANDUM
#21-2023

DATE: March 20, 2023

TO: Honorable Mayor Meredith Leighty and City Council Members

THROUGH: Heather Geyer, City Manager *hmg*
Jason Loveland, Interim Deputy City Manager *2*

FROM: Brook Svoboda, Director of Planning & Development *BS*
Eric Ensey, Senior Planner

SUBJECT: CR-52 – Contract Amendment No. 2 with FCI Constructors Inc. for City Hall Partial Guaranteed Maximum Price 1

PURPOSE

To consider CR-52, a resolution approving Amendment No. 2 to the contract with FCI Constructors, Inc. (FCI), accepting the Partial Guaranteed Maximum Price (PGMP) 1 for construction of the new City Hall.

BACKGROUND

CR-51, which is also on the March 20 agenda, would approve an Initial Guaranteed Maximum Price (IGMP) for construction of the new City Hall. With approval of the IGMP, a cost baseline for the project would be established at \$26,494,561. Following establishment of the IGMP, the Construction Manager and General Contractor (CM/GC) contract with FCI would be set up to require another contract amendment for releasing funds for procurement of construction materials and authorizing certain work under a PGMP. All PGMPs must come in under the IGMP cost.

For purposes of the construction of the new City Hall, staff is anticipating three different PGMPs being presented to City Council, each as a PGMP:

1. PGMP 1 – To order items that require long lead times to acquire
2. PGMP 2 – To cover grading, site work, and new building utilities
3. PGMP 3 – To release all funding for construction of the building

Breaking up the guaranteed maximum prices in this manner is an attempt to ensure that the new building will be able to be constructed according to the contract schedule and within the budget established. Staff is presenting CR-52 for PGMP 1 to allow FCI to procure and purchase many items that require significant lead time to be fabricated and delivered to the site. These include HVAC equipment, structural timbers, elevator, fire suppression design-build, plumbing equipment, electrical gear, and relocation of existing site utilities. PGMP 1 would release \$12,040,618.

BUDGET/TIME IMPLICATIONS

The total budget for the new City Hall facility is \$33,780,000. The break-down of this budget is as follows:

Construction costs	\$26,600,000
Soft costs (including all design costs and furniture, fixtures, and equipment (FFE))	\$4,690,000
Contingencies	\$2,490,000
Total Budget	\$33,780,000

The following table outlines all construction costs allocated for the project:

Construction Tasks	Contract Value	Allocated
Preconstruction services		(\$92,947)
IGMP	\$26,494,561	
PGMP 1		(\$12,040,618)
PGMP 2	(To be determined)	
PGMP 3	(To be determined)	
Total		(\$12,133,565)

The upcoming project schedule is as follows for design of the new City Hall facility:

- IGMP Contract Amendment No. 1 March 20, 2023
- PGMP 1 – Amendment No. 2 March 20, 2023
(Long Lead Items)
- Construction Documents Complete
 - Bid Pack 01 – Site, Foundation, Utilities March 2023
 - Bid Pack 02 – Building Vertical Construction May 2023
- PGMP 2 – Amendment No. 3 May 2023
(Bid Pack 01: Site, Foundation and Utilities)
- PGMP 3 – Amendment No. 4 June 2023
(Bid Pack 02: Building)

STAFF RECOMMENDATION

Staff recommends approval of CR-52.

STAFF REFERENCE

If Council Members have any questions, please contact Brook Svoboda, Director of Planning & Development, at bsvoboda@northglenn.org or 303.450.8937.

SPONSORED BY: MAYOR LEIGHTY

COUNCIL MEMBER'S RESOLUTION

RESOLUTION NO.

No. CR-52
Series of 2023

Series of 2023

A RESOLUTION APPROVING AMENDMENT NO. 2 TO THE CONSTRUCTION MANAGER CONTRACT BETWEEN THE CITY OF NORTHGLENN AND FCI CONSTRUCTORS, INC. FOR PHASE 2 OF THE NORTHGLENN CIVIC CENTER PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. Amendment No. 2 to the Construction Manager Contract between the City of Northglenn and FCI Constructors, Inc., attached hereto, establishing a Partial Guaranteed Maximum Price 1 of \$12,040,618.00 for the procurement and purchase of items requiring significant lead time for the construction of the new City Hall as part of Phase 2 of the Northglenn Civic Center Master Plan Project is hereby approved and the Mayor is authorized to execute same on behalf of the City of Northglenn.

DATED, at Northglenn, Colorado, this _____ day of _____, 2023.

MEREDITH LEIGHTY
Mayor

ATTEST:

JOHANNA SMALL, CMC
City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney

AIA A133-2019 Partial Guaranteed Maximum Price Amendment

Amendment No. 2 dated March 15, 2023, to the AIA A133-2019 Standard Form of Agreement Between Owner and Construction Manager as Constructor, made as of February 25, 2022

BETWEEN the Owner:

(Name, legal status, address and other information)

City of Northglenn, State of Colorado
11701 Community Center Drive
Northglenn, Colorado 80233

and the Construction Manager:

(Name, legal status, address and other information)

FCI Constructors, Inc.
4015 Coriolis Way
Fredrick, CO 80504

for the following Project:

(Name, location and detailed description)

Civic Center Master Plan Phase II
Northglenn, Colorado

The Architect:

(Name, legal status, address and other information)

Anderson Mason Dale Architects, P.C
3198 Speer Boulevard
Denver, CO 80211

The Owner and Construction Manager agree that the Agreement is modified to include long lead items as follows:

Contract Time

Subject to adjustments of the Contract Time as provided in the Contract Documents, the Construction Manager shall achieve Substantial Completion:

Not later than Four Hundred and Seventy-Two (472) calendar days from the date of commencement of the Work.

Contract Sum

The Partial Guaranteed Maximum Price (PGMP) is established by this Amendment No.2 as follows:

The PGMP is guaranteed by the Construction Manager not-to-exceed Twelve Million, Forty Thousand, Six Hundred and Eighteen Dollars and Zero Cents (\$12,040,618).

Amendment No. 1	Sincl. in Preconstruction
<u>This Amendment No. 2</u>	<u>\$12,040,618</u>
PGMP	\$12,040,618

Attachments A through M are attached hereto to reflect the assumptions of the PGMP.

Attachment A – (Revised) Budget Summary, a detailed estimate stating the Fee (converted to a lump sum), General Conditions costs (as a not-to-exceed), insurances and bond costs, as required,

Attachment B – Detailed General Conditions costs, (as a not-to-exceed amount),

- Attachment C – Approved Labor Burden Rates,
- Attachment D – Staff Assignment Matrix,
- Attachment E – A list of allowances and unit prices,
- Attachment F – Responsibility Matrix,
- Attachment G – A list of the clarifications and ,
- Attachment H – Project Schedule, including a detailed critical path Construction Schedule,
- Attachment I – Insurance Certificates *(To be provided at FGMP)*;
- Attachment J – Approved Lien Waivers Forms (Conditional and Unconditional, Partial and Final) *(To be provided at FGMP)*;
- Attachment K – A list of the Drawings and Specifications, including all addenda;
- Attachment L – A list of all Construction Manager provided equipment along with billable rates; and,
- Attachment M – Owner Accepted Alternates *(To be provided at FGMP)*.

OWNER *(Signature)*

(Printed name and title)


CONSTRUCTION MANAGER *(Signature)*


(Printed name and title)

COST SUMMARY

Issued Date: 01/27/2023
 Submitted Date: 3/02/2023

FIRM NAME: FCI CONSTRUCTORS, INC.

CSI CODE	DESCRIPTION		TOTAL PROJECT COST	BUILDING	SITE
	DIRECT COST TOTAL		\$ 10,256,262	\$ 8,070,215	\$ 2,186,047
01	General Requirements <i>(within General Conditions)</i>				
02	Existing Conditions		\$ 68,001	\$ 14,484	\$ 53,517
03	Concrete		\$ -	\$ -	\$ -
04	Masonry		\$ -	\$ -	\$ -
05	Metals		\$ 556,738	\$ 556,738	\$ -
06	Wood Plastics, and Composites		\$ 2,556,411	\$ 2,556,411	\$ -
07	Thermal and Moisture Protection		\$ -	\$ -	\$ -
08	Openings		\$ -	\$ -	\$ -
09	Finishes		\$ -	\$ -	\$ -
10	Specialties		\$ -	\$ -	\$ -
11	Equipment		\$ -	\$ -	\$ -
12	Furnishings		\$ -	\$ -	\$ -
13	Special Construction		\$ -	\$ -	\$ -
14	Conveying Equipment		\$ 139,644	\$ 139,644	\$ -
21	Fire Suppression		\$ 202,630	\$ 202,630	\$ -
22	Plumbing		\$ 788,451	\$ 788,451	\$ -
23	Heating, Ventilating, and Air Conditioning		\$ 2,099,822	\$ 2,099,822	\$ -
25	Integrated Automation		\$ -	\$ -	\$ -
26	Electrical		\$ 2,081,410	\$ 1,684,558	\$ 396,852
27	Communications		\$ -	\$ -	\$ -
28	Electronic Safety and Security		\$ -	\$ -	\$ -
31	Earthwork		\$ 857,786	\$ 22,477	\$ 835,309
32	Exterior Improvements		\$ 50,000	\$ -	\$ 50,000
33	Utilities		\$ 855,369	\$ 5,000	\$ 850,369
	GENERAL CONDITIONS TOTAL		\$ 206,996	\$ 206,996	\$ -
	General Conditions (Not-to-Exceed from Attachment B) <i>(Provide breakout split between Site and Building)</i>	Bldg	\$ 206,996	\$ 206,996	\$ -
	FEE TOTAL (Based on Direct Cost and General Conditions)		\$ 303,434	\$ 238,760	\$ 64,675
	Fee (Overhead & Profit) [2.90%]	2.90%	\$ 303,434	\$ 238,760	\$ 64,675
	SUBTOTAL CONSTRUCTION COSTS		\$ 10,766,693	\$ 8,515,971	\$ 2,250,722
	OTHER INDIRECTS TOTAL (No fees on these costs)		\$ 1,273,925	\$ 1,002,397	\$ 271,528
	Construction Contingency on Direct Work [3.00%]	3.00%	\$ 307,688	\$ 242,106	\$ 65,581
	Bid/Design Contingency [2.00%]	2.00%	\$ 205,125	\$ 161,404	\$ 43,721
	Anticipated Escalation [3.00%]	3.00%	\$ 307,688	\$ 242,106	\$ 65,581
	Commercial General Liability Insurance [1.14%]	1.14%	\$ 116,921	\$ 92,000	\$ 24,921
	Other Insurances (pollution liability, etc.) [n/a]	0.00%	\$ -	\$ -	\$ -
	Contractor Payment & Performance Bonds [.75%]	0.75%	\$ 76,922	\$ 60,527	\$ 16,395
	Builder's Risk Insurance [by owner per Exhibit B]	0.62%	\$ 63,589	\$ 50,035	\$ 13,553
	Subguard Rate if appropriate [1.50%]	1.50%	\$ 153,844	\$ 121,053	\$ 32,791
	Preconstruction (Not to Exceed from Attachment B)		\$ 42,148	\$ 33,164	\$ 8,984
	TOTAL CONSTRUCTION COSTS		\$ 12,040,618	\$ 9,518,368	\$ 2,522,250

NOTES:

- 1 INCLUDE A DETAILED BUDGET THAT SUPPORTS THE COSTS IN THIS SUMMARY (YOUR FORMAT)
- 2 Provide a cost for Builder's Risk in the event the Owner requests it be carried by Contractor.
- 3 Provide the actual % Rate for Insurance/Builders Risk/Bond/Fee above directly in the description.
- 4 General Requirements are included with General Conditions.
- 5 Provide a cost for Performance and Payment Bonds in the event the Owner requests it be carried by Contractor.
- 6 Return Attachment A in electronic format. Do not convert to PDF.
- 7 Pricing above (including any estimated escalation) must reflect the proposed schedule presented with the response to this proposal.
- 8 Do not deviate from this format.

Please treat this proprietary information as confidential and privileged material which is intended for the sole viewing of the recipient. Any other distribution is strictly prohibited.

Project Name: FGMP 1 Northglenn City Hall
 Estimate Type: Design Development
 Project Duration: 3 Months
 Project SF: 32,629
 Estimator: SR
 Revision: 0
 Printed On: 3/2/23 5:16 PM

Description	Quantity	Unit \$	Total \$	\$ per SQFT
Division 01 GENERAL REQUIREMENTS				
GENERAL CONDITIONS				
GENERAL REQUIREMENTS - BUILDING	N/A	0.00	0	\$0.00
GENERAL REQUIREMENTS - SITE	1 LSUM	206,996.00	206,996	\$6.34
PRECONSTRUCTION FEE	INCL. ON RECAP	0.00	0	\$0.00
WINTER CONDITIONS	INCL. IN DCOW	0.00	0	\$0.00
TOTAL GENERAL CONDITIONS			\$206,996	
Total Division 01 GENERAL REQUIREMENTS			\$206,996	
Division 02 EXISTING CONDITIONS				
SURVEYING				
LAYOUT & SURVEYING		0.00	0	\$0.00
SET BENCHMARK & CONTROL	1 LSUM	5,000.00	5,000	\$0.15
OVER LOT GRADING -25' GRID	1.5 ACRES	4,300.00	6,450	\$0.20
VERIFY EXISTING GRADES	1.5 ACRES	450.00	675	\$0.02
GRIDLINES	46 EACH	47.50	2,185	\$0.07
CAISSONS	102 EACH	46.00	4,692	\$0.14
EXTERIOR GRADE BEAM CORNERS, RADII	1 LSUM	3,550.00	3,550	\$0.11
ANCHOR BOLT LAYOUT	781 EACH	14.00	10,934	\$0.34
UTILITIES	1 LSUM	5,800.00	5,800	\$0.18
PERIMETER DRAINS	658 LNFT	1.25	823	\$0.03
SIDEWALKS	3,013 LNFT	1.00	3,013	\$0.09
ADA RAMP AND FOUNDATIONS	1 LSUM	2,000.00	2,000	\$0.06
BLUETOPS	33,939 SQFT	0.05	1,697	\$0.05
CURB AND GUTTER	1,831 LNFT	1.25	2,289	\$0.07
MISC. CONCRETE PADS	10 EACH	250.00	2,500	\$0.08
LIGHT POLE BASES	INCLUDED	0.00	0	\$0.00
MISC. SITE AMENITIES (WOOD DECKS, FURNISHINGS, BIKE RACKS, ETC.)	15 EACH	110.00	1,650	\$0.05
RETAINING WALLS	498 LNFT	2.87	1,401	\$0.04
MISC. STAKING	40 MHR	73.17	2,927	\$0.09
RESTAKING	1 LSUM	3,700.00	3,700	\$0.11
TOTAL STATION	1 MONTHS	715.00	715	\$0.02
AS BUILT CERTIFICATION	1 LSUM	6,000.00	6,000	\$0.18
TOTAL SURVEYING			\$68,001	\$2.08
BUILDING DEMOLITION				
DEMO BUILDING	N.I.C.	0.00	0	\$0.00
DEMO FOUNDATION		0.00	0	\$0.00
IMPORT & BACKFILL REMOVED FOUNDATION		0.00	0	\$0.00
DUST CONTROL		0.00	0	\$0.00
DEMO PERMIT		0.00	0	\$0.00
HAUL AND DISPOSE		0.00	0	\$0.00
TOTAL BUILDING DEMOLITION			\$0	\$0.00
Total Division 02 EXISTING CONDITIONS			\$68,001	
Division 03 CONCRETE				
FOUNDATIONS				
NO WORK IN THIS PACKAGE		0.00	0	\$0.00
TOTAL FOUNDATIONS			\$0	\$0.00
INTERIOR FLATWORK				
NO WORK IN THIS PACKAGE		0.00	0	\$0.00
TOTAL INTERIOR FLATWORK			\$0	\$0.00
CONCRETE MISCELLANEOUS				
NO WORK IN THIS PACKAGE		0.00	0	\$0.00
TOTAL CONCRETE MISCELLANEOUS			\$0	\$0.00
Total Division 03 CONCRETE			\$0	
Division 04 MASONRY				
UNIT MASONRY				
NO WORK ANTICIPATED		0.00	0	\$0.00
TOTAL UNIT MASONRY			\$0	\$0.00
MASONRY MISCELLANEOUS				
NO WORK ANTICIPATED		0.00	0	\$0.00
TOTAL MASONRY MISCELLANEOUS			\$0	\$0.00
Total Division 04 MASONRY			\$0	
Division 05 METALS				
STRUCTURAL STEEL				
STRUCTURAL STEEL FABRICATIONS	SEE ALT. #1,2	0.00	0	\$0.00
SOUTH STEEL CANOPY	2,635 SQFT	43.00	113,305	\$3.47
HSS 10 X 4 X 1/4 DBL GIRDERS, HSS 8 X 4 X 1/4 BEAMS	INCLUDED	0.00	0	\$0.00
CASTCONNEX TAPERED STEEL COLUMNS	10 EACH	4,000.00	40,000	\$1.23
TUBE STEEL COLUMNS IN LIEU OF CAST CONNEX	(10) EACH	2,700.00	(27,000)	-\$0.83
BEAMS, RADIUS BEAMS, COLUMNS AND BRACES W/GUSSETS	1 LSUM	182,000.00	182,000	\$5.58
CASTCONNEX TAPERED STEEL COLUMNS AT BUILDING OVERHANG	11 EACH	4,000.00	44,000	\$1.35
TUBE STEEL COLUMNS IN LIEU OF CAST CONNEX	(11) EACH	2,700.00	(29,700)	-\$0.91
ROOF EQUIPMENT FRAMES	NOT INCLUDED	0.00	0	\$0.00
STEEL ERECTION	INCLUDED	0.00	0	\$0.00
TOTAL STRUCTURAL STEEL			\$322,605	\$9.89
STEEL FABRICATIONS				
STEEL FABRICATIONS		0.00	0	\$0.00
MAIN LOBBY STAIRS - CHANNEL, HSS STRINGERS, PAN TREADS	24 RISERS	1,050.00	25,200	\$0.77
1 1/2" SQUARE TUBE STEEL PICKET RAILING	29 LNFT	175.00	5,075	\$0.16
STEEL PANEL RAILING AT MAIN STAIR	156 LNFT	275.00	42,900	\$1.31
ALTERNATE STAIR RAILING AT MAIN STAIR	(156) LNFT	150.00	(23,400)	-\$0.72
NORTH STAIRS - CHANNEL, HSS STRINGERS, PAN TREADS	28 RISERS	950.00	26,600	\$0.82
INTERIOR SINGLE LINE HANDRAIL	136 LNFT	95.00	12,920	\$0.40
LOBBY GUARD RAIL WALL HSS STEEL	90 LNFT	125.00	10,000	\$0.31
POUR STOP AT CLT OPENINGS TO 1ST FLOOR	157 LNFT	65.00	10,205	\$0.31
POUR STOP AT CLT PERIMETER	322 LNFT	59.00	18,998	\$0.58
EXTERIOR SINGLE LINE HANDRAIL	135 LNFT	75.00	10,125	\$0.31
EXTERIOR GUARDRAIL AT RETAINING WALLS	100 LNFT	350.00	35,000	\$1.07

Project Name: FGMP 1 Northglenn City Hall
 Estimate Type: Design Development
 Project Duration: 3 Months
 Project SF: 32,629
 Estimator: SR

Revision: 0
 Printed On: 3/2/23 5:16 PM

Description	Quantity	Unit \$	Total \$	\$ per SQFT
MECHANICAL SCREEN WALL STRUCTURE - HP PRIMER INCLUDED	93 LNFT	350.00	32,550	\$1.00
PIT LADDER	1 EACH	700.00	700	\$0.02
LADDER ON CASTERS FOR IT AREA STORAGE LOFT	1 EACH	1,200.00	1,200	\$0.04
ELEVATOR SUMP PIT GRATE AND FRAME	1 EACH	530.00	530	\$0.02
ROOF LADDER	1 EACH	1,250.00	1,250	\$0.04
EMBEDS & ANCHOR BOLTS	INCLUDED	0.00	0	\$0.00
PIPE BOLLARDS - PAINTED	8 EACH	550.00	4,400	\$0.13
ELEVATOR HOIST BEAMS	1 EACH	350.00	350	\$0.01
ELEVATOR SILLS	1 EACH	100.00	100	\$0.00
TRASH ENCLOSURE GATES	1 PAIR	3,500.00	3,500	\$0.11
TRASH ENCLOSURE FRAMING	35 LNFT	250.00	8,750	\$0.27
MISC. METALS	INCLUDED	0.00	0	\$0.00
SAFETY EQUIPMENT - STEEL ERECTION	1 LSUM	2,500.00	2,500	\$0.08
UNLOAD & DISTRIBUTE STEEL ITEMS	1 LSUM	3,679.87	3,680	\$0.11
DUMPSTERS / RECYCLE CONTAINERS	2 EACH	500.00	1,000	\$0.03
TOTAL STEEL FABRICATIONS			\$234,133	\$7.18
Total Division 05 METALS			\$556,738	

Division 06 WOOD & PLASTIC

ROUGH CARPENTRY AND CLT GLULAM STRUCTURE

INTERIOR BLOCKING - FIRE TREATED	32,629 SQFT	3.02	98,540	\$3.02
LAYOUT	80 MHRS	66.01	5,281	\$0.16
2X4'S	2,175 LNFT	3.43	7,460	\$0.23
2X6'S	1,046 LNFT	4.62	4,833	\$0.15
3/4" PLYWOOD PLY AT RAISED STORAGE	342 SQFT	4.57	1,563	\$0.05
ROOF BLOCKING - PRESSURE TREATED		0.00	0	\$0.00
LAYOUT	48 MHRS	66.01	3,168	\$0.10
2X4'S	1,758 LNFT	3.62	6,364	\$0.20
1/2" PLYWOOD @ PARAPET CAP TOP	1,758 LNFT	4.90	8,614	\$0.26
1/2" PLYWOOD @ PARAPET CAP BACK	2,462 SQFT	4.90	12,064	\$0.37
HOISTING EQUIPMENT & FUEL - SMALL FORKLIFT	2 MONTHS	3,150.00	6,300	\$0.19
MANLIFT	2 MONTHS	1,800.00	3,600	\$0.11
ROUGH CARPENTRY LABOR & MATERIALS		0.00	0	\$0.00
HEAVY TIMBER STRUCTURE	1 LSUM	2,137,000.00	2,137,000	\$65.49
CROSS LAMINATED 3-PLY FLOOR SYSTEM	INCLUDED	0.00	0	\$0.00
CROSS LAMINATED 3-PLY ROOF SYSTEM	INCLUDED	0.00	0	\$0.00
1-COAT CLEAR PROTECTIVE SEALANT	INCLUDED	0.00	0	\$0.00
VISUAL GRADE - ARCHITECTURAL (BOTTOM SIDE)	INCLUDED	0.00	0	\$0.00
FSC CERTIFIED CLT	INCLUDED	0.00	0	\$0.00
CNC MACHINING	INCLUDED	0.00	0	\$0.00
SPECIES - SPRUCE PINE FIR (SPF)	INCLUDED	0.00	0	\$0.00
GLULAM STRUCTURAL COLUMNS AND BEAMS		0.00	0	\$0.00
1-COAT CLEAR PROTECTIVE SEALANT	INCLUDED	0.00	0	\$0.00
VISUAL GRADE - ARCHITECTURAL (ALL SIDES)	INCLUDED	0.00	0	\$0.00
CNC MACHINING	INCLUDED	0.00	0	\$0.00
SPECIES - SPRUCE PINE FIR (SPF)	INCLUDED	0.00	0	\$0.00
HARDWARE AND FASTENERS	INCLUDED	0.00	0	\$0.00
STEEL CONNECTORS SHOWN IN 50% DD'S	INCLUDED	0.00	0	\$0.00
STEEL CONNECTORS NOT SHOWN ALLOWANCE	1 LSUM	50,000.00	50,000	\$1.53
CLT AND GLULAM STRUCTURE ERECTION		0.00	0	\$0.00
LABOR AND EQUIPMENT TO INSTALL	INCLUDED	0.00	0	\$0.00
RIGGING DESIGN INCLUDING YOKES AND HARDWARE	1 LSUM	18,500.00	18,500	\$0.57
PROTECT WOOD AFTER INSTALLATION	32,269 SQFT	4.02	129,721	\$3.98
SAFETY CABLING	658 LNFT	8.00	5,264	\$0.16
DAILY CLEAN-UP - FRAMING	5 WEEKS	1,839.94	9,200	\$0.28
HOISTING EQUIPMENT & FUEL	1 MONTHS	3,300.00	3,300	\$0.10
SUBCONTRACTOR BIM COORDINATION	1 LSUM	25,000.00	25,000	\$0.77
FCI BIM DETECTION	1 LSUM	18,937.50	18,938	\$0.58
DUMPSTERS	4 EACH	425.00	1,700	\$0.05
TOTAL ROUGH CARPENTRY AND CLT GLULAM STRUCTURE			\$2,556,410	\$78.35

ARCHITECTURAL MILLWORK

NO WORK IN THIS PACKAGE		0.00	0	\$0.00
TOTAL ARCHITECTURAL MILLWORK			\$0	\$0.00

Total Division 06 WOOD & PLASTIC

\$2,556,410

Division 07 THERMAL & MOISTURE PROTECTION

THERMAL & MOISTURE PROTECTION

NO WORK IN THIS DIVISION		0.00	0	\$0.00
TOTAL THERMAL & MOISTURE PROTECTION			\$0	\$0.00

Total Division 07 THERMAL & MOISTURE PROTECTION

\$0

Division 08 DOORS & WINDOWS

DOORS & WINDOWS

NO WORK IN THIS DIVISION		0.00	0	\$0.00
TOTAL DOORS & WINDOWS			\$0	\$0.00

Total Division 08 DOORS & WINDOWS

\$0

Division 09 FINISHES

FINISHES

NO WORK IN THIS DIVISION		0.00	0	\$0.00
TOTAL FINISHES			\$0	\$0.00

Total Division 09 FINISHES

\$0

Division 10 SPECIALTIES

SPECIALTIES

NO WORK IN THIS DIVISION		0.00	0	\$0.00
TOTAL SPECIALTIES			\$0	\$0.00

Total Division 10 SPECIALTIES

\$0

Division 11 EQUIPMENT

RESIDENTIAL APPLIANCES

NO WORK IN THIS PACKAGE		0.00	0	\$0.00
TOTAL RESIDENTIAL APPLIANCES			\$0	\$0.00

Total Division 11 EQUIPMENT

\$0

Division 12 FURNISHINGS

Project Name: FGMP 1 Northglenn City Hall
 Estimate Type: Design Development
 Project Duration: 3 Months
 Project SF: 32,629
 Estimator: SR
 Revision: 0
 Printed On: 3/2/23 5:16 PM

Description	Quantity	Unit \$	Total \$	\$ per SQFT
WINDOW TREATMENTS				
NO WORK IN THIS PACKAGE		0.00	0	\$0.00
TOTAL WINDOW TREATMENTS			\$0	\$0.00
Total Division 12 FURNISHINGS				

Division 13 SPECIAL CONSTRUCTION				
PV SOLAR PANEL SYSTEMS				
NO WORK IN THIS PACKAGE		0.00	0	\$0.00
TOTAL PV SOLAR PANEL SYSTEMS			\$0	\$0.00
Total Division 13 SPECIAL CONSTRUCTION				

Division 14 CONVEYING SYSTEMS				
ELEVATOR				
KONE MONOSPACE 300 DX ELEVATOR	2 STOPS	62,500.00	125,000	\$3.83
2500 LB CAPACITY, 150 FEET PER MINUTE SPEED	INCLUDED	0.00	0	\$0.00
PREMIUM FOR MACHINE ROOM LESS	INCLUDED	0.00	0	\$0.00
EXTEND WARRANTY TO FINISH DATE OF PROJECT	3 MONTHS	326.46	979	\$0.03
TEMPORARY WORK PLATFORM	1 LSUM	4,940.00	4,940	\$0.15
ELEVATOR CAB FINISH ALLOWANCE	1 ALLOWANCE	5,000.00	5,000	\$0.15
TEMPORARY USE FEES	3 MONTHS	326.46	979	\$0.03
TEMPORARY PROTECTION	1 LSUM	746.20	746	\$0.02
CORE APPRENTICESHIP REQUIREMENT	1 LSUM	2,000.00	2,000	\$0.06
TOTAL ELEVATOR			\$139,644	\$4.28
Total Division 14 CONVEYING SYSTEMS				

Division 21 FIRE SUPPRESSION				
FIRE SPRINKLER SYSTEM				
FIRE SPRINKLER SYSTEM	32,629 SQFT	3.95	128,885	\$3.95
SIDEWALL HEADS FOR EXTERIOR SOFFIT	INCLUDED	0.00	0	\$0.00
RECESSED HEADS	INCLUDED	0.00	0	\$0.00
SEMI RECESSED HEADS	INCLUDED	0.00	0	\$0.00
BRASS HEADS IN EXPOSED AREAS	INCLUDED	0.00	0	\$0.00
ABOVE CEILING HEADS AS REQUIRED FOR WOOD STRUCTURES	9,079 SQFT	3.25	29,507	\$0.90
DRY PIPE SYSTEM FOR EXTERIOR SOFFIT	1 LSUM	7,800.00	7,800	\$0.24
BOOSTER PUMP	N/A	0.00	0	\$0.00
CAD FEES	1 LSUM	2,500.00	2,500	\$0.08
DESIGN AND CALCULATIONS	1 LSUM	2,500.00	2,500	\$0.08
FIRE LINE INTO BUILDING - 6"	1 LSUM	4,500.00	4,500	\$0.14
SUBCONTRACTOR BIM COORDINATION	1 LSUM	5,000.00	5,000	\$0.15
FCI BIM DETECTION	1 LSUM	18,937.50	18,938	\$0.58
FIRE SPRINKLER PERMIT FEES	INCLUDED	0.00	0	\$0.00
CORE APPRENTICESHIP REQUIREMENT	1 LSUM	3,000.00	3,000	\$0.09
TOTAL FIRE SPRINKLER SYSTEM			\$202,630	\$6.21
Total Division 21 FIRE SUPPRESSION				

Division 22 PLUMBING				
PLUMBING SYSTEM				
COMPLETE PLUMBING SYSTEMS		0.00	0	\$0.00
PLUMBING FIXTURES & EQUIPMENT	1 SUB	159,260.00	159,260	\$4.88
DOMESTIC WATER HEATER	INCLUDED	0.00	0	\$0.00
DOMESTIC BOOSTER PUMP	INCLUDED	0.00	0	\$0.00
WATER SOFTENERS	INCLUDED	0.00	0	\$0.00
SUMP PUMPS	INCLUDED	0.00	0	\$0.00
DOMESTIC WATER HEATER - HEAT PUMP TYPE	INCLUDED	0.00	0	\$0.00
PLUMBING DOMESTIC WATER PIPE SYSTEM	1 SUB	114,192.00	114,192	\$3.50
COLD, HOT, HOT WATER RETURN	INCLUDED	0.00	0	\$0.00
PIPE INSULATION	INCLUDED	0.00	0	\$0.00
ROOF HYDRANTS FOR SOLAR PANEL CLEANING	INCLUDED	0.00	0	\$0.00
BEDDING	INCLUDED	0.00	0	\$0.00
PVC UNDERGROUND	INCLUDED	0.00	0	\$0.00
NO HUB CAST IRON	INCLUDED	0.00	0	\$0.00
SANITARY WASTE AND VENT PIPING	1 SUB	143,632.00	143,632	\$4.40
PVC	INCLUDED	0.00	0	\$0.00
NO HUB CAST IRON	INCLUDED	0.00	0	\$0.00
SANITARY UNDERGROUND & EXCAVATION	INCLUDED	0.00	0	\$0.00
PLUMBING VOID AT UNDERGROUND WASTE NOT LOCATED IN CRAWLSPACE	1 SUB	75,434.00	75,434	\$2.31
STORM UNDERGROUND AND EXCAVATIONS	INCLUDED	0.00	0	\$0.00
STORM PRIMARY AND SECONDARY DRAINS	INCLUDED	0.00	0	\$0.00
PIPING	INCLUDED	0.00	0	\$0.00
ROOF DRAINS, OVERFLOWS AND CLEANOUTS	1 SUB	165,507.00	165,507	\$5.07
NATURAL GAS PIPING SYSTEMS	INCLUDED	0.00	0	\$0.00
AC CONDENSATE PUMPS AT EACH FCU & AC CONDENSATE PIPE	INCLUDED	0.00	0	\$0.00
AC CONDENSATE PIPE	INCLUDED	0.00	0	\$0.00
EXCAVATION AND BACKFILL OF UNDERGROUND PIPING	1 SUB	19,915.00	19,915	\$0.61
PIPING INSULATION	1 SUB	31,820.00	31,820	\$0.98
FOUNDATION DRAIN SUMP PIT AND PUMP	INCLUDED	0.00	0	\$0.00
FIRE CAULKING, TESTING, MISC. MATERIALS	1 SUB	35,000.00	35,000	\$1.07
CLEANING	INCLUDED	0.00	0	\$0.00
RIGGING AND HOISTING	INCLUDED	0.00	0	\$0.00
PLUMBING SUPERVISION AND MANAGEMENT	INCLUDED	0.00	0	\$0.00
SUB BOND	N/A	0.00	0	\$0.00
DUMPSTERS	3 EACH	500.00	1,500	\$0.05
SUBCONTRACTOR BIM COORDINATION	INCLUDED	0.00	0	\$0.00
FCI BIM DETECTION	1 LSUM	25,250.00	25,250	\$0.77
PLUMBING COORDINATION	120 MHRS	99.51	11,941	\$0.37
CORE APPRENTICESHIP REQUIREMENT	1 LSUM	5,000.01	5,000	\$0.15
TOTAL PLUMBING SYSTEM			\$788,451	\$24.16
Total Division 22 PLUMBING				

Division 23 HVAC				
HVAC SYSTEM				
HVAC SYSTEMS		0.00	0	\$0.00
HVAC EQUIPMENT	1 SUB	730,502.00	730,502	\$22.39
2 EA 2,100 CFM AND 2,500 CFM DEDICATED OUTSIDE AIR UNIT (DOAS)	INCLUDED	0.00	0	\$0.00
ENERGY RECOVERY WHEEL	INCLUDED	0.00	0	\$0.00

Project Name: FGMP 1 Northglenn City Hall
 Estimate Type: Design Development
 Project Duration: 3 Months
 Project SF: 32,629
 Estimator: SR

Revision: 0
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Description	Quantity	Unit \$	Total \$	\$ per SQFT	
14 EA DUCTED HORIZONTAL DX FAN COIL UNITS		INCLUDED	0.00	0	\$0.00
ENERGY RECOVERY		INCLUDED	0.00	0	\$0.00
5 EA 20-TON AIR COOLED CONDENSING UNITS		INCLUDED	0.00	0	\$0.00
4 EA DX DUCTLESS AC SPLIT SYSTEMS		INCLUDED	0.00	0	\$0.00
EXHAUST FANS AND VENTILATION EQUIPMENT		INCLUDED	0.00	0	\$0.00
EFS		INCLUDED	0.00	0	\$0.00
MECHANICAL LOUVERS AND PLENUMS		INCLUDED	0.00	0	\$0.00
HVAC DUCTWORK	1	SUB	385,492.00	385,492	\$11.81
SUPPLY, RETURN, RELIEF AND OUTDOOR AIR DUCTWORK		INCLUDED	0.00	0	\$0.00
DUCT LINER		INCLUDED	0.00	0	\$0.00
DUCT TESTING PER SMACNA		INCLUDED	0.00	0	\$0.00
SMACNA DUCT CLEANLINESS FOR NEW CONSTRUCTION		INCLUDED	0.00	0	\$0.00
GUIDELINES C ADVANCED LEVEL		INCLUDED	0.00	0	\$0.00
REFRIGERANT PIPING AND LINE SETS	1	SUB	203,572.00	203,572	\$6.24
PIPING BETWEEN CONDENSING UNITS AND BRANCH SELECTOR BOXES		INCLUDED	0.00	0	\$0.00
LINE SETS BETWEEN BRANCH SELECTOR BOXES AND VRF RTU'S		INCLUDED	0.00	0	\$0.00
HVAC DUCT INSULATION	1	SUB	102,502.00	102,502	\$3.14
AIR DISTRIBUTION & DEVICES		INCLUDED	0.00	0	\$0.00
GRILLS, REGISTERS AND DIFFUSERS		INCLUDED	0.00	0	\$0.00
RETURN AIR TRANSFERS		INCLUDED	0.00	0	\$0.00
SOUND ATTENUATORS		INCLUDED	0.00	0	\$0.00
HVAC DAMPERS		INCLUDED	0.00	0	\$0.00
VOLUME DAMPERS		INCLUDED	0.00	0	\$0.00
FIRE / SMOKE DAMPERS		INCLUDED	0.00	0	\$0.00
MISC. EQUIPMENT	1	SUB	265,814.00	265,814	\$8.15
6 EA VAV TERMINAL UNITS W/ELECTRIC HEAT COILS		INCLUDED	0.00	0	\$0.00
20 EA CEILING CASSETTE FAN COIL UNITS		INCLUDED	0.00	0	\$0.00
21 EA 360 CIRCULAR CEILING CASSETTE FAN COIL UNITS		INCLUDED	0.00	0	\$0.00
3 EA CABINET UNIT HEATERS		INCLUDED	0.00	0	\$0.00
4 EA ELECTRIC UNIT HEATERS		INCLUDED	0.00	0	\$0.00
8 EA BRANCH SELECTOR BOXES (MODE CONTROL UNITS)		INCLUDED	0.00	0	\$0.00
2-YEAR WARRANTY ON SAMSUNG EQUIPMENT	1	LSUM	9,426.00	9,426	\$0.29
TEST & BALANCE	1	SUB	15,561.00	15,561	\$0.48
SEASONAL TAB TO ACHIEVE FULL LOAD CONDITIONS WHILE TESTING		INCLUDED	0.00	0	\$0.00
HVAC CONTROLS AND LV CONTROL WIRING	1	SUB	199,984.00	199,984	\$6.13
HVAC GENERAL REQUIREMENTS		INCLUDED	0.00	0	\$0.00
PERMIT FEES		INCLUDED	0.00	0	\$0.00
MAINTENANCE OF HVAC SYSTEMS DURING PROJECT		INCLUDED	0.00	0	\$0.00
FIRE CAULKING, CLEANING, RIGGING AND HOISTING		INCLUDED	0.00	0	\$0.00
START-UP, TESTING, GLYCOL AND CHEM TREATMENT	1	SUB	92,247.00	92,247	\$2.83
COMMISSIONING ASSISTANCE		INCLUDED	0.00	0	\$0.00
RIGGING AND HOISTING	1	SUB	28,456.00	28,456	\$0.87
HVAC SUPERVISION & MANAGEMENT (GC'S)		INCLUDED	0.00	0	\$0.00
SUB BOND		N/A	0.00	0	\$0.00
DUMPSTERS	3	EACH	500.00	1,500	\$0.05
SUBCONTRACTOR BIM COORDINATION		INCLUDED	0.00	0	\$0.00
FCI BIM DETECTION	1	LSUM	37,875.00	37,875	\$1.16
MECHANICAL COORDINATION	220	MHRS	99.51	21,892	\$0.67
CORE APPRENTICESHIP REQUIREMENT	1	LSUM	5,000.01	5,000	\$0.15
TOTAL HVAC SYSTEM			\$2,099,823		\$64.35
Total Division 23 HVAC			\$2,099,823		

Division 26 ELECTRICAL

ELECTRICAL	Quantity	Unit \$	Total \$	\$ per SQFT	
ELECTRICAL SYSTEMS			0.00	0	\$0.00
RELOCATE EXISTING DRY UTILITIES	1	LSUM	50,000.00	50,000	\$1.53
SITE WIRING	1	LSUM	73,963.00	73,963	\$2.27
TEMPORARY POWER	1	LSUM	50,647.00	50,647	\$1.55
PRIMARY WIRING TO TRANSFORMER		NOT INCLUDED	0.00	0	\$0.00
SECONDARY CONDUITS FROM TRANSFORMER TO BUILDING		INCLUDED	0.00	0	\$0.00
SECONDARY WIRING FROM TRANSFORMER TO BUILDING		INCLUDED	0.00	0	\$0.00
COPPER SECONDARY FEEDERS		INCLUDED	0.00	0	\$0.00
CONDUITS FOR PHONE / CABLE SERVICE		INCLUDED	0.00	0	\$0.00
TRENCHING AND POWER TO SITE ITEMS		INCLUDED	0.00	0	\$0.00
POWER TO CISTERN PUMP SYSTEM AT NE CORNER OF PROPERTY	1	LSUM	1,500.00	1,500	\$0.05
SITE LIGHTING	1	LSUM	85,000.00	85,000	\$2.61
INSTALLATION AND CONNECTIONS OF SITE LIGHT FIXTURES AND CONTROLS	1	LSUM	53,245.00	53,245	\$1.63
LIGHT POLES		INCLUDED	0.00	0	\$0.00
LIGHTED BOLLARDS		INCLUDED	0.00	0	\$0.00
MONUMENT SIGNS		INCLUDED	0.00	0	\$0.00
FLAGPOLES		INCLUDED	0.00	0	\$0.00
CAR CHARGING STATIONS - CONDUIT AND WIRING ONLY TO OWNER PROVIDED	1	LSUM	83,997.00	83,997	\$2.57
ELECTRICAL DISTRIBUTION SYSTEMS	1	LSUM	306,808.00	306,808	\$9.40
SUBPANELS		INCLUDED	0.00	0	\$0.00
COPPER FEEDERS TO SUBPANELS		INCLUDED	0.00	0	\$0.00
WIRING IN CONDUITS TO OUTLETS AND LIGHT FIXTURES	1	LSUM	250,190.00	250,190	\$7.67
GROUNDING	1	LSUM	6,327.00	6,327	\$0.19
LIGHTNING PROTECTION SYSTEM	1	LSUM	35,273.00	35,273	\$1.08
LIGHT FIXTURES & LIGHTING CONTROLS	1	LSUM	800,000.00	800,000	\$24.52
INSTALLATION AND CONNECTIONS OF LIGHT FIXTURES AND CONTROLS	1	LSUM	133,112.00	133,112	\$4.08
LIGHT FIXTURE & CONTROLS VE	(1)	LSUM	250,000.00	(250,000)	-\$7.66
CONNECTIONS TO MECHANICAL EQUIPMENT, ELECTRIC HEAT CASSETTES	1	LSUM	58,509.00	58,509	\$1.79
CONNECTIONS TO SOLAR PV EQUIPMENT		INCLUDED	0.00	0	\$0.00
UPS SYSTEMS		NOT INCLUDED	0.00	0	\$0.00
LOW VOLTAGE SYSTEM ROUGH INS	1	LSUM	118,839.00	118,839	\$3.64
CABLE TRAY	1	LSUM	33,512.00	33,512	\$1.03
FIRE ALARM SYSTEMS	1	LSUM	106,575.00	106,575	\$3.27
FIRE ALARM PERMIT FEES		INCLUDED	0.00	0	\$0.00
BUILDING DISTRIBUTION AMPLIFIER TESTING	1	LSUM	3,750.00	3,750	\$0.11
EMERGENCY RESPONSE COMMUNICATION SYSTEM TESTING	1	LSUM	3,750.00	3,750	\$0.11
COORDINATION STUDIES	1	LSUM	4,500.00	4,500	\$0.14
RESCUE ASSISTANCE	1	LSUM	5,781.00	5,781	\$0.18
DUMPSTERS	2	EACH	500.00	1,000	\$0.03
SUBCONTRACTOR BIM COORDINATION	1	LSUM	24,931.00	24,931	\$0.76
FCI BIM DETECTION	1	LSUM	25,250.00	25,250	\$0.77

Project Name: FGMP 1 Northglenn City Hall
 Estimate Type: Design Development
 Project Duration: 3 Months
 Project SF: 32,629
 Estimator: SR

Revision: 0
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Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT
ELECTRICAL COORDINATION	100	MHRS	99.51	9,951	\$0.30
CORE APPRENTICESHIP REQUIREMENT	1	LSUM	5,000.01	5,000	\$0.15
TOTAL ELECTRICAL				\$2,081,410	\$63.79
Total Division 26 ELECTRICAL				\$2,081,410	

Division 27 COMMUNICATIONS					
COMMUNICATIONS					
NO WORK IN THIS DIVISION			0.00	0	\$0.00
TOTAL COMMUNICATIONS				\$0	\$0.00
Total Division 27 COMMUNICATIONS				\$0	

Division 28 ELECTRONIC SAFETY & SECURITY					
SECURITY SYSTEMS					
NO WORK IN THIS DIVISION			0.00	0	\$0.00
TOTAL SECURITY SYSTEMS				\$0	\$0.00
Total Division 28 ELECTRONIC SAFETY AND SECURITY				\$0	

Division 31 EARTHWORK					
DRILLED CAISSONS					
NO WORK IN THIS PACKAGE			0.00	0	\$0.00
TOTAL DRILLED CAISSONS				\$0	\$0.00

EROSION CONTROL					
VTC	1	EACH	3,211.00	3,211	\$0.10
REFRESH VTC	3	EACH	1,317.00	3,951	\$0.12
SILT FENCING	1,833	LNFT	2.01	3,684	\$0.11
VTC FOR EXPORT TO NORTHGLENN OPEN SPACE	1	LSUM	3,211.00	3,211	\$0.10
STABILIZED STAGING AREA	1	LSUM	9,500.00	9,500	\$0.29
INLET PROTECTION	26	EACH	83.95	2,183	\$0.07
SEDIMENT CONTROL LOGS	150	LNFT	4.51	677	\$0.02
CURB SOCKS	66	EACH	83.95	5,541	\$0.17
EROSION CONTROL BLANKET	2,500	SQFT	0.25	625	\$0.02
SKIDSTEER, W/ ATTACHMENTS AND FUEL	6	MONTHS	3,695.00	22,170	\$0.68
EROSION CONTROL MAINTENANCE	236	MHRS	46.00	10,856	\$0.33
DUST CONTROL	2	MONTHS	2,149.12	4,298	\$0.13
SNOW REMOVAL (3 EVENTS)	72	MHRS	46.00	3,312	\$0.10
DUMPSTERS	2	EACH	500.00	1,000	\$0.03
STORM WATER PERMIT PER YEAR	1	YEAR	419.74	420	\$0.01
STORM WATER MANAGEMENT PLAN	1	EACH	1,500.00	1,500	\$0.05
TOTAL EROSION CONTROL				\$76,139	\$2.33

SITE DEMOLITION					
SITE DEMOLITION			0.00	0	\$0.00
SAWCUTTING MOBILIZATION	1	LSUM	1,500.00	1,500	\$0.05
CURB CUTS	2	EACH	150.00	300	\$0.01
SIDEWALKS / PAVEMENT	50	LNFT	3.00	150	\$0.00
ASPHALT PAVING	150	LNFT	5.00	750	\$0.02
SITE DEMOLITION			0.00	0	\$0.00
TIMBER RETAINING WALL	1	EACH	500.00	500	\$0.02
BRICK MONUMENT SIGN AND LANDSCAPE PLANTER/RETAINING WALL	1	EACH	4,500.00	4,500	\$0.14
CONCRETE PLANTER AND DECORATIVE METAL RAILING	1	EACH	1,750.00	1,750	\$0.05
REMOVE AND DISPOSE OF SOD	98,993	SQFT	0.27	26,728	\$0.82
DEMO CURB & GUTTER	919	LNFT	5.19	4,770	\$0.15
DEMO VERTICAL CURB	1,094	LNFT	5.19	5,678	\$0.17
DEMO SIDEWALKS / PAVING	8,286	SQFT	1.21	10,026	\$0.31
DEMO 6" ASPHALT PARKING	39,692	SQFT	1.01	40,089	\$1.23
DEMO 8" ASPHALT DRIVES	13,622	SQFT	1.45	19,752	\$0.61
DEMO TREES / SHRUBS <8"	14	EACH	1,300.00	18,200	\$0.56
DEMO LARGE EVERGREEN TREES	11	LSUM	1,826.00	20,086	\$0.62
LIGHT POLE BASES	1	EACH	300.00	300	\$0.01
GENERAL CLEAN-UP	40	MHRS	46.00	1,840	\$0.06
LAYOUT	16	MHRS	99.51	1,592	\$0.05
TRAFFIC CONTROL	1	WEEKS	1,050.00	1,050	\$0.03
LOCATE UTILITIES (VAC. TRUCK)	1	LSUM	1,500.00	1,500	\$0.05
HAUL AND DISPOSE	2,356	CUYD	19.00	44,764	\$1.37
TOTAL SITE DEMOLITION				\$205,825	\$6.31

EARTHWORK					
EARTHWORK			0.00	0	\$0.00
MOBILIZE	1	LSUM	7,500.00	7,500	\$0.23
CLEAR & GRUB	1,731	CUYD	1.50	2,597	\$0.08
STRIP AND STOCKPILE TOPSOIL	971	CUYD	10.00	9,710	\$0.30
PREPARE GRADE FOR FILL	2,019	CUYD	0.50	1,010	\$0.03
CUT TO FILL & COMPACT - SCRAPER	1,366	CUYD	12.00	16,392	\$0.50
CUT FOR BUILDING TO STOCKPILE	12,331	CUYD	8.00	98,648	\$3.02
EXPORT EXCESS MATERIALS TO REC CENTER DEMO SITE	12,331	CUYD	7.00	86,317	\$2.65
EXPORT CAISSONS MATERIAL		W/CAISSONS	0.00	0	\$0.00
3' OVEREX BUILDING PAD	5,416	CUYD	8.71	47,173	\$1.45
2' OVEREX AT PAVING AND HARDSCAPE AREAS	6,340	CUYD	8.71	55,221	\$1.69
ROUGH GRADE - LANDSCAPE AREAS	86,260	SQFT	0.15	12,939	\$0.40
GRADE & BACKFILL CURB & GUTTER	658	LNFT	7.00	4,606	\$0.14
FINE GRADE SLAB ON GRADE	15,396	SQFT	0.50	7,698	\$0.24
FINISH GRADE - SIDEWALKS	18,698	SQFT	1.50	28,047	\$0.86
FINISH GRADE - PAVED AREAS	38,589	SQFT	1.30	50,166	\$1.54
STRUCTURAL EXCAVATION & BACKFILL	790	LNFT	56.00	44,240	\$1.36
SITE WALL EXCAVATION & BACKFILL	326	LNFT	56.00	18,256	\$0.56
RESPREAD TOPSOIL	897	CUYD	12.00	10,764	\$0.33
FOUNDATION DRAIN	813	LNFT	72.55	58,983	\$1.81
SKIDSTEER, W/ ATTACHMENTS AND FUEL	1	MONTHS	3,695.00	3,695	\$0.11
GROUND HEATER AND FUEL	1	MONTHS	8,180.00	8,180	\$0.25
HANDWORK	10	DAYS	367.99	3,680	\$0.11
DEWATERING		EXCLUDED	0.00	0	\$0.00
TOTAL EARTHWORK				\$575,822	\$17.65
Total Division 31 EARTHWORK				\$857,786	

Division 32 EXTERIOR IMPROVEMENTS					
ASPHALT PAVING					
PATCHING ONLY IN THIS PACKAGE AND IS WITH UTILITIES			0.00	0	\$0.00

Project Name: FGMP 1 Northglenn City Hall
 Estimate Type: Design Development
 Project Duration: 3 Months
 Project SF: 32,629
 Estimator: SR

Revision: 0
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Description	Quantity	Unit \$	Total \$	\$ per SQFT
TOTAL ASPHALT PAVING			\$0	\$0.00
SITE CONCRETE				
SITE CONCRETE ALLOWANCE FOR ENABLING WORK	1	ALLOWANCE	50,000.00	\$1.53
TOTAL SITE CONCRETE			\$50,000	\$1.53
Total Division 32 EXTERIOR IMPROVEMENTS			\$50,000	

Division 33 UTILITIES

WATER SERVICES

WATER LINE			0.00	0	\$0.00
TAP & TIE IN OR / CUT IN TEE	2	EACH	7,500.00	15,000	\$0.46
10" C900 WITH TRACER WIRE	557	LNFT	105.00	58,485	\$1.79
10" WATER LINE VALVES, REDUCERS, SLEEVES, ETC.	1	LSUM	23,220.00	23,220	\$0.71
10" WATER LINE LOWERING	2	EACH	11,000.00	22,000	\$0.67
FIRE HYDRANT ASSEMBLY	2	EACH	7,500.00	15,000	\$0.46
6" BUILDING FIRE SERVICE	80	LNFT	250.00	20,000	\$0.61
STUB TO FLANGE	1	EACH	4,500.00	4,500	\$0.14
2" WATER SERVICE LINE	14	LNFT	115.00	1,610	\$0.05
1.5" WATER SERVICE LINE	36	LNFT	105.00	3,780	\$0.12
WATER METER PIT	1	EACH	7,500.00	7,500	\$0.23
WATER METER		BY OWNER	0.00	0	\$0.00
TRAFFIC CONTROL	2	WEEKS	1,399.12	2,798	\$0.09
2" TEMPORARY BLOWOFF ASSEMBLY	1	EACH	3,880.00	3,880	\$0.12
UTILITY MOBILIZATION	1	LSUM	10,000.00	10,000	\$0.31
LOCATE UTILITIES	1	LSUM	2,500.00	2,500	\$0.08
PRESSURE TEST WATER LINE		INCLUDED	0.00	0	\$0.00
FLOW FILL IN COMMUNITY CENTER DRIVE ONLY	25	CUYD	215.00	5,375	\$0.16
RIGHT OF WAY PERMITS	1	LSUM	500.00	500	\$0.02
CUT AND PATCH			0.00	0	\$0.00
SAWCUT ASPHALT	228	LNFT	2.33	531	\$0.02
DEMO ASPHALT	120	SQFT	1.50	180	\$0.01
PATCH ASPHALT	120	SQFT	18.00	2,160	\$0.07
DEWATERING	1	ALLOWANCE	10,000.00	10,000	\$0.31
TOTAL WATER SERVICES			\$209,019	\$6.41	

SANITARY SEWER SERVICES

SANITARY SEWER			0.00	0	\$0.00
TIE INTO CONNECT TO EXISTING MANHOLE	2	EACH	2,500.00	5,000	\$0.15
6" SDR 35 PVC SERVICE	162	LNFT	95.00	15,390	\$0.47
CLEANOUTS - IN-LINE	5	EACH	500.00	2,500	\$0.08
6" SDR 35 PLUG	1	EACH	200.00	200	\$0.01
PIPE BEDDING		INCLUDED	0.00	0	\$0.00
DEWATERING		EXCLUDED	0.00	0	\$0.00
TRAFFIC CONTROL	1	WEEKS	1,500.00	1,500	\$0.05
LOCATE UTILITIES	1	LSUM	2,500.00	2,500	\$0.08
FLOW FILL	20	CUYD	215.00	4,300	\$0.13
RIGHT OF WAY PERMITS	1	LSUM	500.00	500	\$0.02
TOTAL SANITARY SEWER SERVICES			\$31,890	\$0.98	

STORM SEWER SERVICES

STORM SEWER			0.00	0	\$0.00
DEMO EXISTING STORM SEWER	1	LSUM	22,200.00	22,200	\$0.68
DEMO FIRE HYDRANT - 1 EA		INCLUDED	0.00	0	\$0.00
DEMO PIPE FOR FIRE HYDRANT - 200 LNFT		INCLUDED	0.00	0	\$0.00
DEMO EXISTING INLET - 3 EA		INCLUDED	0.00	0	\$0.00
DEMO PIPE FOR INLETS - 85 LNFT		INCLUDED	0.00	0	\$0.00
DEMO STORM MANHOLE - EA		INCLUDED	0.00	0	\$0.00
DEMO/ABANDON SANITARY SEWER - 280 LNFT		INCLUDED	0.00	0	\$0.00
ABANDON SANITARY AT MANHOLE - EA		INCLUDED	0.00	0	\$0.00
24" PVC STORM	72	LNFT	200.00	14,400	\$0.44
15" PVC STORM	16	LNFT	160.00	2,560	\$0.08
12" PVC STORM	612	LNFT	140.00	85,680	\$2.63
8" PVC STORM	83	LNFT	120.00	9,960	\$0.31
6" PVC STORM	278	LNFT	77.00	21,406	\$0.66
6" PVC UNDERDRAIN AT LANDSCAPING	290	LNFT	38.00	11,020	\$0.34
CLEANOUTS	4	EACH	1,350.00	5,400	\$0.17
4' MANHOLE BUILT OVER EXISTING STORM LINE	1	EACH	6,500.00	6,500	\$0.20
NEW 4' STORM MANHOLE	1	EACH	5,350.00	5,350	\$0.16
EXCAVATION AND BACKFILL		INCLUDED	0.00	0	\$0.00
PERIMETER DRAIN		IN EARTHWORK	0.00	0	\$0.00
BEDDING MATERIALS		INCLUDED	0.00	0	\$0.00
TIE INTO EXISTING INLET OR MANHOLE	1	EACH	2,500.00	2,500	\$0.08
IRRIGATION/RAIN HARVESTING			0.00	0	\$0.00
10,000 GALLON CISTERN TANK SYSTEM	2	EACH	87,500.00	175,000	\$5.36
5,000 GALLON CISTERN TANK SYSTEM	1	EACH	56,500.00	56,500	\$1.73
OVERFLOW PIPE AND CONNECTION TO EXISTING STORM	1	LSUM	6,500.00	6,500	\$0.20
ROOF DRAIN RISER CONNECTIONS	4	EACH	1,530.00	6,120	\$0.19
18" DRAIN BASIN WITH GRATE	25	EACH	4,080.00	102,000	\$3.13
18" AREA DRAIN WITH GRATE	1	EACH	4,080.00	4,080	\$0.13
5' TYPE R INLET	1	EACH	9,130.00	9,130	\$0.28
10' TYPE R INLET	1	EACH	12,500.00	12,500	\$0.38
6" BACK CHECK VALVE	1	EACH	1,290.00	1,290	\$0.04
TRENCH DRAINS AT SIDEWALKS	109	LNFT	325.00	35,425	\$1.09
HEAVY DUTY TRENCH DRAIN COVERS		INCLUDED	0.00	0	\$0.00
JET AND CAMERA STORM LINES	1	LSUM	1,620.00	1,620	\$0.05
TRAFFIC CONTROL	2	WEEKS	1,500.00	3,000	\$0.09
LOCATE UTILITIES	1	LSUM	5,000.00	5,000	\$0.15
DEWATERING		EXCLUDED	0.00	0	\$0.00
RIGHT OF WAY PERMITS	1	LSUM	500.00	500	\$0.02
CUT AND PATCH			0.00	0	\$0.00
SAWCUT CONCRETE	30	LNFT	4.00	120	\$0.00
SAWCUT CURB	4	EACH	70.00	280	\$0.01
SAWCUT ASPHALT	50	LNFT	2.33	117	\$0.00
DEMO. CONCRETE	154	SQFT	2.00	308	\$0.01
DEMO CURB	51	LNFT	7.00	357	\$0.01
DEMO ASPHALT	250	SQFT	1.50	375	\$0.01
PATCH CONCRETE	154	SQFT	8.00	1,232	\$0.04
PATCH CURB	51	LNFT	30.00	1,530	\$0.05

Project Name: FGMP 1 Northglenn City Hall
 Estimate Type: Design Development
 Project Duration: 3 Months
 Project SF: 32,629
 Estimator: SR

Revision: 0
 Printed On: 3/2/23 5:16 PM

Description	Quantity	Unit \$	Total \$	\$ per SQFT
PATCH ASPHALT	250 SQFT	18.00	4,500	\$0.14
TOTAL STORM SEWER SERVICES			\$614,460	\$18.83
Total Division 33 UTILITIES			\$855,369	

Subtotal: \$10,463,258

ATTACHMENT B
NORTHGLENN CIVIC CENTER MASTER PLAN - PHASE II IMPLEMENTATION

DETAILED GENERAL CONDITIONS

Issued Date: 11/24/2021

FIRM NAME: FCI CONSTRUCTORS, INC.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	COMMENTS / CLARIFICATIONS
1	PRECONSTRUCTION:					
2	PROJECT PRECONSTRUCTION TOTAL				\$ 42,147.98	
3	Officers of the Company (included in fee)	---	---	---	Included in Fee	
4	Project Executive (included in fee)	---	---	---	Included in Fee	
5	Sr. Preconstruction Manager		HR		\$ -	
6	Preconstruction Manager	195	HR	\$ 117.25	\$ 22,863.75	Prorated 11 months in '22 and 5 months in '23
7	Sr. Estimator		HR		\$ -	
8	Estimator	70	HR	\$ 107.45	\$ 7,521.82	Prorated 7 months in '22 and 4 months in '23
9	Sr. Project Manager	24	HR	\$ 137.77	\$ 3,306.46	Prorated 11 months in '22 and 2 months in '23
10	Project Manager		HR		\$ -	
11	Sr. Project Engineer		HR		\$ -	
12	Project Engineer		HR		\$ -	
13	Assistant Engineer		HR		\$ -	
14	Senior Project Superintendent	14	HR	\$ 126.62	\$ 1,772.62	Prorated 11 months in '22 and 2 months in '23
15	Project Superintendent		HR		\$ -	
16	Assistant Superintendent		HR		\$ -	
17	Field Engineer		HR		\$ -	
18	MEP Coordinator	8	HR	\$ 149.00	\$ 1,192.00	Prorated 8 months in '22 and 2 months in '23
19	Administrative Support		HR		\$ -	
20	Project Specific Accounting		HR		\$ -	
21	Scheduling		HR		\$ -	
22	3D Modeling/BIM	8	HR	\$ 116.67	\$ 933.33	Prorated 5 months in '22 and 1 months in '23
23	Plans and Travel Expenses for Precon	1	LSUM	\$ 4,558.00	\$ 4,558.00	
24	[enter other staff positions]		HR		\$ -	
25						
26	TOTAL PRECONSTRUCTION (NOT TO EXCEED)				\$ 42,147.98	
27						
28						
29	GENERAL CONDITIONS:					
30	PROJECT SUPERVISION TOTAL (On-Site Personnel Only)				\$ 157,406.58	
31	Officers of the Company (included in fee)	---	---	---	Included in Fee	
32	Project Executive (included in fee)	---	---	---	Included in Fee	
33	Sr. Project Manager	171	HR	\$ 148.29	\$ 25,426.25	3 months in '23
34	Project Manager		HR		\$ -	
35	Assistant Project Manager		HR		\$ -	
36	Sr. Project Engineer		HR		\$ -	
37	Project Engineer	433	HR	\$ 90.22	\$ 39,066.22	3 months in '23
38	Intern		HR		\$ -	
39	Senior/General Superintendent		HR		\$ -	
39	Project Superintendent 1	433	HR	\$ 112.67	\$ 48,784.67	3 months in '23
40	Project Superintendent 2		HR		\$ -	
41	Assistant Superintendent		HR		\$ -	
42	Field Engineer	433	HR	\$ 80.00	\$ 34,640.00	3 months in '23
43	MEP Coordinator		HR		\$ -	
44	Administrative Support	87	HR	\$ 72.78	\$ 6,302.56	3 months in '23
45	Project Specific Accounting		HR		\$ -	
46	Scheduling		HR		\$ -	
47	Safety Director (not full time on site)	26	HR	\$ 122.67	\$ 3,186.88	3 months in '23
48	Safety Personnel		HR		\$ -	
49	Quality Control Personnel		HR		\$ -	
50	Project Estimator		HR		\$ -	
51	Carpenter Foreman		HR		\$ -	
52	Carpenter	---	---	---	---	Distribute in tasks below
53	Labor Foreman		HR		\$ -	
54	3D Modeling/BIM		HR		\$ -	Subcontracted scope to be included in the cost of work
55	[enter other staff positions]		HR		\$ -	
56	[enter other staff positions]		HR		\$ -	
57	PROJECT ON-SITE OFFICE TOTAL				\$ 8,203.50	
58	Office Facilities / Rent (Construction)		MOS		\$ -	Will use existing Town Hall building for offices
59	Office Facilities / Rent (Owner & A/E Staff)		MOS		\$ -	
60	Street/Sidewalk Closure Permits for temporary office facilities		MOS		\$ -	
61	Office Equipment	3	MOS	\$ 400.00	\$ 1,200.00	Rental Rate for Printer \$360/Month
62	Office Furniture		LS		\$ -	
63	Office Mobilization and Demobilization		EA		\$ -	
64	Janitorial	3	MOS	\$ 50.00	\$ 150.00	
65	Radios, Communication and Cell Phones	3	MOS	\$ 399.50	\$ 1,198.50	
66	Company Vehicle	---	---	---	---	See Travel Expenses
67	Company Vehicle fuel	---	---	---	---	See Travel Expenses
68	Field Office Staff Parking		MOS		\$ -	
69	Courier service		LS		\$ -	
70	Phone/Internet (T1/DSL) service		MOS		\$ -	Provided by Owner
71	On-site Data Processing (Computers, software, IT)	3	MOS	\$ 735.00	\$ 2,205.00	
72	Project photos/Webcam, etc.	3	MOS	\$ 250.00	\$ 750.00	
73	Office Supplies	3	MOS	\$ 150.00	\$ 450.00	
74	Postage/Fed ex	1	LS	\$ 450.00	\$ 450.00	
75	Printing and reproduction	1	LS	\$ 1,500.00	\$ 1,500.00	
76	Drinking Water	3	MOS	\$ 100.00	\$ 300.00	
77					\$ -	
78					\$ -	

ATTACHMENT B
NORTHGLENN CIVIC CENTER MASTER PLAN - PHASE II IMPLEMENTATION

DETAILED GENERAL CONDITIONS

Issued Date: 11/24/2021

FIRM NAME: FCI CONSTRUCTORS, INC.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	COMMENTS / CLARIFICATIONS
79	TEMPORARY FACILITIES & EQUIPMENT TOTAL				\$ 28,780.63	
80	Electrical distribution		MOS	\$ -	\$ -	Included in Direct Cost of Work
81	Electrical Utility Connection (Temp offices & jobsite)		EA	\$ -	\$ -	Included in Direct Cost of Work
82	Electrical consumption costs (Temp offices)		MOS	\$ -	\$ -	By owner
83	Temporary/Jobsite Lighting		MOS	\$ -	\$ -	Included in Direct Cost of Work
84	Electrical Generator	3	MOS	\$ 1,400.00	\$ 4,200.00	
85	Fuel for Generator	3	MOS	\$ 450.00	\$ 1,350.00	
86	Water - Construction and Hydrant Use	3	MOS	\$ 250.00	\$ 750.00	
87	Temporary Heating and Cooling		MOS	\$ -	\$ -	Included in Direct Cost of Work
88	Gas/Propane consumption costs		MOS	\$ -	\$ -	Included in Direct Cost of Work
89	Fire protection (temp. stand pipe, FDC, etc.)		LS	\$ -	\$ -	Not applicable
90	Sanitation facilities	3	MOS	\$ 810.00	\$ 2,430.00	6 ea Portable Toilets and Maintenance
91	Crane Rental		MOS	\$ -	\$ -	Included in Direct Cost of Work
92	Crane set-up, tear-down, foundations, pads, rails, etc.		LS	\$ -	\$ -	Included in Direct Cost of Work
93	Crane Operator		HRS	\$ -	\$ -	Included in Direct Cost of Work
94	Man & Material Hoist - Equipment Rental		MOS	\$ -	\$ -	Not applicable
95	Man & Material Hoist - Set-up & Tear-down		EA	\$ -	\$ -	Not applicable
96	Man & Material Hoist - Operator		MOS	\$ -	\$ -	Not applicable
97	Temporary use of elevator (protection, extended maint,)		MOS	\$ -	\$ -	
98	Temporary use of elevator - Operator		MOS	\$ -	\$ -	Not applicable
99	Forklift (not associated with direct cost of work activities)	1	MOS	\$ 2,700.00	\$ 2,700.00	Includes equipment rental, delivery, and pick-up
100	Skidsteer (not associated with direct cost of work activities)	1	MOS	\$ 2,300.00	\$ 2,300.00	Includes equipment rental, delivery, and pick-up
101	Contractor misc. site equipment		MOS	\$ -	\$ -	
102	Equipment Operating Expenses	3	MOS	\$ 350.00	\$ 1,050.00	Fuel, oil, service, maintenance, etc.
103	Temporary stairs, scaffold, landing platforms, ladders, etc.		MOS	\$ -	\$ -	Included in Direct Cost of Work
104	Temporary Site Fencing (GC Compound)	3	MOS	\$ 175.21	\$ 525.63	Installation, maintenance, rental, and removal
105	Access to the site (including maintenance)		LS	\$ -	\$ -	Included in Direct Cost of Work
106	Staging and/or storage areas (on and off site)		LS	\$ -	\$ -	Included on Direct Cost of Work
107	Storage Containers	2	LS	\$ 6,400.00	\$ 12,800.00	
108	Construction Signage		LS	\$ -	\$ -	Included in Direct Cost of Work
109	Rodent and Pest Control		LS	\$ -	\$ -	Not applicable, Excluded
110	SWWMP/Erosion Control/Dust Control/Street Cleaning	3	MOS	\$ 225.00	\$ 675.00	Silt fence, tracking pads, BMPs, etc.
111	Trade Parking, Temporary Parking Lot, Bus, etc.		MOS	\$ -	\$ -	Not applicable
112				\$ -	\$ -	
113				\$ -	\$ -	
114	ENGINEERING TOTAL				\$ -	
115	Initial Building and Periodic Confirmation Layout		HRS	\$ -	\$ -	
116	Horizontal and Vertical Building controls		HRS	\$ -	\$ -	
117	Surveying (initial survey, benchmarks, etc.)		LS	\$ -	\$ -	Typically independent/3rd party
118	Existing conditions survey, seismic sensors, etc.		LS	\$ -	\$ -	
119	Contractor Required 3rd Party Reviews/Consultants		LS	\$ -	\$ -	Enclosure, MEP, etc.
120	Subsurface Utility Exploration (locates, pot-holing, exploratory excavation, etc.)		LS	\$ -	\$ -	
121				\$ -	\$ -	
122	SAFETY & SECURITY TOTAL				\$ 2,970.00	
123	Safety inspections (3rd party)		LS	\$ -	\$ -	Not applicable
124	Jobsite safety (PPE, first aid, eye wash, etc.)	3	MOS	\$ 150.00	\$ 450.00	
125	Perimeter guardrails, safety nets, barricades, etc.		LS	\$ -	\$ -	Included in Direct Cost of Work
126	Covered sidewalk enclosures		LS	\$ -	\$ -	Not applicable
127	Fire safety (Fire extinguishers, etc.)		LS	\$ -	\$ -	Included in item 124
128	Fire watch		HR	\$ -	\$ -	Included in Direct Cost of Work
129	Site Protection / Security	3	MOS	\$ 840.00	\$ 2,520.00	Access control, cameras, etc.
130	Security Guard		MOS	\$ -	\$ -	Not applicable, Excluded
131	Badging, background checks, etc.		LS	\$ -	\$ -	Not applicable, Excluded
132				\$ -	\$ -	
133				\$ -	\$ -	
134	SITE CONDITIONS TOTALS				\$ 7,814.83	
135	Project interim clean-up	129.9	HR	\$ 44.57	\$ 5,789.83	Included 10 hrs/week for 78 weeks
136	Project final clean-up		SF	\$ -	\$ -	
137	Small Tools and Consumables	3	MOS	\$ 250.00	\$ 750.00	
138	Dumpsters / LEED Dumpsters	3	MOS	\$ 425.00	\$ 1,275.00	For GC Compound Only
139	Trash Chute		MOS	\$ -	\$ -	Not applicable
140	Weather protection/Temporary Enclosure		LS	\$ -	\$ -	Included in Direct Cost of Work
141	Finishes Material/Product Protection		LS	\$ -	\$ -	Included in Direct Cost of Work
142	Traffic Control, Traffic Signage, and Flagging		LS	\$ -	\$ -	Included in Direct Cost of Work
143	Temporary dewatering system/equipment		LS	\$ -	\$ -	Included in Direct Cost of Work - If required
144				\$ -	\$ -	
145				\$ -	\$ -	
146	TRAVEL TOTALS (Provide Detailed Assumptions with Cost Breakdown and provide a detailed explanation of the cost in separate attachment).				\$ 1,820.75	
147	Travel Expenses (including Airfare, Car Rentals, Staff Vehicles, Fuel, Parking, etc.)	1	LS	\$ 1,820.75	\$ 1,820.75	Superintendent, PM trucks and fuel
148	Housing (including temporary housing, relocation, hotel, etc.)		LS	\$ -	\$ -	Not applicable
149	Subsistence/Per Diem (including meals)		MOS	\$ -	\$ -	Not applicable
150				\$ -	\$ -	
151				\$ -	\$ -	
152	TOTAL GENERAL CONDITIONS (NOT TO EXCEED)				\$ 206,996.29	

NOTES:

- It is the Owner's intent that the General Contractor work under a complete "open book" approach.
- It is the Owner's intent that all General Conditions' costs will be identified and included in this Attachment.
- Do not modify the order of these items. If additional space is required to capture further detail, rows may be added at the bottom of the list under the appropriate headings within the spreadsheet. Please **bold** all added items.
- General Conditions will become a separate not-to-exceed guarantee within the total GMP.
- All pertinent travel and temporary lodging expenses for the project must be included within the General Conditions and this spreadsheet.
- Leave rows blank that do not apply.
- Return Attachment B in electronic format. **Do not convert to PDF.**

Please treat this proprietary information as confidential and privileged material which is intended for the sole viewing of the recipient. Any other distribution is strictly prohibited.

ATTACHMENT C
NORTHGLENN CIVIC CENTER MASTER PLAN - PHASE II IMPLEMENTATION

LABOR BURDEN RATES

Issued Date: 01/27/2023
Submitted Date: 3/02/2023

FIRM NAME: FCI CONSTRUCTORS, INC.				2022			2023			2024		
ITEM NO.	SALARIED STAFF POSITION (PRECON)	BASE HOURLY LABOR RATE	BURDEN RATE %	BILLABLE HOURLY RATE	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE	BILLABLE HOURLY RATE	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE	BILLABLE HOURLY RATE	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE
1	Officers of the Company (included in fee)	---	---	---	---	---	---	---	---	---	---	---
2	Project Executive (included in fee)	---	---	---	---	---	---	---	---	---	---	---
3	Sr. Preconstruction Manager (MEP)	---	---	---	---	---	---	---	---	---	---	---
4	Preconstruction Manager	69.05	68%	116.00	---	---	120.00	---	---	126.00	---	---
5	Sr. Estimator	---	---	---	---	---	---	---	---	---	---	---
6	Estimator	63.10	68%	106.00	---	---	110.00	---	---	116.00	---	---
7	Sr. Project Manager	81.55	68%	137.00	---	---	142.00	---	---	150.00	---	---
8	Project Manager	69.05	68%	116.00	---	---	120.00	---	---	126.00	---	---
9	Sr. Project Engineer	---	---	---	---	---	---	---	---	---	---	---
10	Project Engineer	50.60	68%	85.00	---	---	88.00	---	---	93.00	---	---
11	Assistant Engineer/Intern	25.60	68%	43.00	---	---	45.00	---	---	48.00	---	---
12	Senior Project Superintendent	75.00	68%	126.00	---	---	130.00	---	---	137.00	---	---
13	Project Superintendent	63.10	68%	106.00	---	---	110.00	---	---	116.00	---	---
14	Assistant Superintendent	56.55	68%	95.00	---	---	98.00	---	---	103.00	---	---
15	Field Engineer	44.64	68%	75.00	---	---	78.00	---	---	82.00	---	---
16	MEP Coordinator	88.10	68%	148.00	---	---	153.00	---	---	161.00	---	---
17	Administrative Support	40.48	68%	68.00	---	---	71.00	---	---	75.00	---	---
18	Project Specific Accounting	---	---	---	---	---	---	---	---	---	---	---
19	Scheduling	---	---	---	---	---	---	---	---	---	---	---
20	3D Modeling/BIM	69.05	68%	116.00	---	---	120.00	---	---	126.00	---	---
21	[enter other staff positions]	---	---	---	---	---	---	---	---	---	---	---
22	[enter other staff positions]	---	---	---	---	---	---	---	---	---	---	---
	SALARIED STAFF POSITION (ON-SITE)	BASE HOURLY LABOR RATE	BURDEN RATE %	BILLABLE HOURLY RATE	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE	BILLABLE HOURLY RATE	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE	BILLABLE HOURLY RATE	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE
23	Officers of the Company (included in fee)	---	---	---	---	---	---	---	---	---	---	---
24	Project Executive (included in fee)	---	---	---	---	---	---	---	---	---	---	---
25	Sr. Project Manager	81.55	68%	137.00	---	---	142.00	---	---	150.00	---	---
26	Project Manager	69.05	68%	116.00	---	---	120.00	---	---	126.00	---	---
27	Assistant Project Manager	---	---	---	---	---	---	---	---	---	---	---
28	Sr. Project Engineer	---	---	---	---	---	---	---	---	---	---	---
29	Project Engineer	50.60	68%	85.00	---	---	88.00	---	---	93.00	---	---
30	Assistant Engineer	25.60	68%	43.00	---	---	45.00	---	---	48.00	---	---
31	Senior/General Superintendent	75.00	68%	126.00	---	---	130.00	---	---	137.00	---	---
32	Project Superintendent	63.10	68%	106.00	---	---	110.00	---	---	116.00	---	---
33	Assistant Superintendent	56.55	68%	95.00	---	---	98.00	---	---	103.00	---	---
34	Field Engineer	44.64	68%	75.00	---	---	78.00	---	---	82.00	---	---
35	MEP Coordinator	---	---	---	---	---	---	---	---	---	---	---
36	Administrative Support	40.48	68%	68.00	---	---	71.00	---	---	75.00	---	---
37	Project Specific Accounting	---	---	---	---	---	---	---	---	---	---	---
38	Scheduling	---	---	---	---	---	---	---	---	---	---	---
39	Safety Director	69.05	68%	116.00	---	---	120.00	---	---	126.00	---	---
40	Safety Personnel	---	---	---	---	---	---	---	---	---	---	---
41	Quality Control Personnel	---	---	---	---	---	---	---	---	---	---	---
42	Project Estimator (on site)	---	---	---	---	---	---	---	---	---	---	---
43	3D Modeling/BIM	69.05	68%	116.00	---	---	120.00	---	---	126.00	---	---
44	[enter other staff positions]	---	---	---	---	---	---	---	---	---	---	---
45	[enter other staff positions]	---	---	---	---	---	---	---	---	---	---	---

ATTACHMENT C
NORTHGLENN CIVIC CENTER MASTER PLAN - PHASE II IMPLEMENTATION

LABOR BURDEN RATES

Issued Date: 01/27/2023
Submitted Date: 3/02/2023

FIRM NAME: FCI CONSTRUCTORS, INC.

	CRAFT PERSONNEL POSITION	HOURLY LABOR RATE	BURDEN RATE %	2022			2023			2024		
				TOTAL HOURLY RATE W/BURDEN	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE	TOTAL HOURLY RATE W/BURDEN	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE	TOTAL HOURLY RATE W/BURDEN	TIME AND HALF HOURLY RATE	DOUBLE TIME HOURLY RATE
46	Carpenter Foreman	40.48	68%	68.00			71.00			75.00		
47	Carpenter	37.50	68%	63.00			65.00			69.00		
48	Labor Foreman	31.55	68%	53.00			55.00			58.00		
49	Laborer	25.60	68%	43.00			45.00			48.00		
50	Hoist / Elevator Operator											
51	Crane Operator											
52	[enter other positions]											
53	[enter other positions]											

NOTES:

- 1 Provide the applicable rates and labor burden as a percentage for the staff positions listed above. Do not use a blended rate, use actual burden rates per title.
- 2 The General Conditions estimate for Staff should take into consideration the duration of the Project. Therefore, the staff costs carried forward in Attachment B should represent a blended rate for the duration of the Project.
- 3 Add any staff positions and applicable rates for individuals not included here that are proposed on the project.
- 4 No fee markups (overhead or profit, bonuses, phones, computers or vehicle allowances, etc.) are allowed within these rates.
- 5 Rates above are subject to pre-audit.
- 6 For Salaried Individuals, Premium Time is not allowed.
- 7 Return Attachment C in electronic format. **Do not convert to PDF.**

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**ATTACHMENT E
NORTHGLENN CIVIC CENTER MASTER PLAN - PHASE II IMPLEMENTATION**

ALLOWANCE LIST, ALTERNATES & UNIT PRICES

Issued Date: 01/27/2023
Submitted Date: 3/02/2023

FIRM NAME: FCI CONSTRUCTORS, INC.

ALLOWANCE LIST (INCLUDED IN THE COST SUMMARY)

ITEM NO.	DESCRIPTION	AMOUNT
1	Site Concrete Enableing Work	\$ 50,000
2	Utilities Dewatering	\$ 10,000
3		
4		
5		
6		
7		
8		
9		
10		

ALTERNATES (NOT INCLUDED IN THE COST SUMMARY)

ITEM NO.	DESCRIPTION	AMOUNT
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

UNIT PRICE LIST - TBD

ITEM NO.	DESCRIPTION	AMOUNT
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

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ATTACHMENT F
NORTHGLENN CIVIC CENTER MASTER PLAN - PHASE II IMPLEMENTATION

RESPONSIBILITY & BUDGET MATRIX

Issued Date: 02/27/2023

Submitted Date: 3/02/2023

FIRM NAME: FCI CONSTRUCTORS, INC.

ITEM NO.	DESCRIPTION	OWNER	GENERAL CONTRACTOR	ARCHITECT
1	PREDEVELOPMENT			
2	Phase I Environmental Report	X		
3	Phase II Environmental Report	X		
4	Material Management Plan (N/A)	X		
5	Environmental Abatement (N/A)	X		
6	Geotechnical Reports	X		
7	PLAN REVIEW / BUILDING PERMITS			
8	Submit for Permits		X	
9	General Building Plan Review & Permit Fees		X	
10	Fire Department Plan Review & Permit Fees		X	
11	Sign Plan Review & Permit Fees		X	
12	Fence/Screen Wall Plan Review & Permit Fees		X	
13	Fire Protection Plan Review & Permit Fees		X	
14	Fire Alarm Plan Review & Permit Fees		X	
15	Plumbing Plan Review & Permit Fees		X	
16	Mechanical Plan Review & Permit Fees		X	
17	Electrical Plan Review & Permit Fees		X	
18	State and Federal Stormwater Permit Fees		X	
19	FAA Permits for Cranes		X	
20	Street and Sidewalk Occupancy Permit Fees		X	
21	All other permits not described above but required by AIA 201 or governing AHJ(s)		X	
22	Dewatering Permits (if Applicable)		X	
23	Subcontractor Permits (any/all)		X	
24	Health Department Permit Fees (if Applicable)		X	
25	UTILITIES			
26	Subsurface Utility Exploration to include locates, pot-holing and exploratory excavation as needed		X	
27	Permanent Water Permit & Meter Fees	X		
28	Permanent Water Meter		X	
29	Permanent Sanitary Permit Fees	X		
30	Permanent Storm Water Permit Fee	X		
31	Electrical Service Agreements	X		
32	Electrical Service Coordination		X	
33	Gas Service Fee for New Meter	X		
34	Gas Service Coordination, Meter and Distribution		X	
35	Telephone/Fiber Service Agreements	X		
36	Telephone/Fiber Conduit from Pedestal to DMARK Room		X	
37	Telephone/Fiber Main Wire/Service from Pedestal to DMARK Room		X	
38	Telephone/Fiber Wire/Conduit distribution from DMARK Rooms throughout Building(s)		X	
39	Cable TV Service Agreement	X		
40	Cable TV Raceway from Pedestal to DMARK Closets		X	
41	Cable TV Main Wire/Service from Pedestal to DMARK Closets		X	
42	Cable TV Wire/Conduit distribution from Telephone Rooms throughout Bld.		X	
43	Satellite Service Agreement	X		
44	Satellite Raceway from Dish to Telephone Closets		X	
45	Satellite Main Wire/Service from Dish to Telephone Closets		X	
46	Satellite Wire/Conduit distribution from Telephone Rooms throughout Building		X	
47	Temporary Gas Hook-up and Monthly Usage Fees		X	
48	Temporary Electric Hook-up and Monthly Usage Fees		X	
49	Temporary Phone Hook-up and Monthly Usage Fees		X	
50	Temporary Water & Sewer Hook-up and Monthly Usage Fees		X	
51	All Temporary Heating & Cooling During Construction (including propane bottles, temporary heaters, etc...)		X	
52				
53	TAXES AND DEVELOPMENT FEES			
54	Property Taxes	X		
55	Use Tax (as applicable)		X	
56	All Local, State and Federal Taxes for construction (as applicable)		X	
57				
58	INSURANCE, BUILDERS RISK, BONDS			
59	Owner Controlled Insurance Policy	N/A		
60	Contractor Controlled Insurance Policy		N/A	
61	Offsite Commercial General Liability Insurance		X	
62	Builders Risk		X	
63	General Contractor Payment & Performance Bond		X	
64	Subcontractor Payment & Performance Bonds		X	
65	TESTING AND INSPECTION / QUALITY CONTROL			
66	Coordinate and schedule all testing and inspections		X	
67	Soils Testing & Inspection (cost)	X		
68	Asphalt Testing & Inspection	X		
69	Concrete Testing & Inspection	X		
70	Masonry Testing & Inspection	X		
71	Reinforcing Steel Testing & Inspection	X		
72	Structural Steel Testing & Inspection	X		
73	Exterior Framing Weld/Fasteners Testing & Inspection	X		
74	Fire Resistive Paint Testing & Inspection	X		
75	Fire Rated Joint Testing & Inspection	X		
76	Fire Proofing Testing & Inspection	X		
77	3rd Party Independent Inspections	X		
78	Building Envelope (water intrusion) Testing & Inspection	X		
79	Re-testing & and Re-inspection Due to Failed Work		X	
80				
81	PRECONSTRUCTION			
82	Schematic Design RFP Pricing (Initial GMP)		X	
83	Design Development Pricing Budget Update		X	
84	50% Construction Document Budget Update		X	
85	100% Construction Document Pricing (Partial/Final GMP)		X	
86	Regular Coordination Meetings	X	X	
87	Construction Feasibility Review / Studies		X	
88	Value Engineering / Alternates		X	
89	Construction Schedule		X	
90	Long Lead Items List		X	
91	Bid Document Reproductions (beyond Arch Provided)		X	
92				
93	CONSTRUCTION			
94	All work per the documents and reasonably inferable for complete project		X	
95	All worker onsite & offsite parking, transportation, and housing in performance with the construction		X	
96	Temporary protection		X	
97	Printing or Reproduction During Construction		X	
98	City Required Sustainability Requirement Coordination		X	
99	Construction Surveying		X	
100	As-Builts		X	
101	Warranty		X	
102	Special Extended Warranty (i.e. equipment, flooring, etc...)		X	
103	Operation and Maintenance Manuals		X	
104	Prepare Punchlist		X	X
105	Approve Punchlist	X		X

ATTACHMENT F
 NORTHGLENN CIVIC CENTER MASTER PLAN - PHASE II IMPLEMENTATION

RESPONSIBILITY & BUDGET MATRIX

Issued Date: 02/27/2023

Submitted Date: 3/02/2023

FIRM NAME: FCI CONSTRUCTORS, INC.

ITEM NO.	DESCRIPTION	OWNER	GENERAL CONTRACTOR	ARCHITECT
106				
107	FURNITURE, FIXTURES & EQUIPMENT			
108	Furniture (Architect Specify, Owner Supply)	X		
109	Site coordination with Owner Supplied Furnishings		X	
110	Coordinate Data Center Racks & Cabling		X	
111	Coordinate with Owner's Computer Equipment Installation by others		X	
112	Security - Conduit/Wire/Equipment		X	
113	Low Voltage- R/I, Conduits, Power, Sleeves, Backing, etc. Contractor to include all wire/cable pulling and terminations required for low-voltage systems.		X	
114	Coordinate with Owner's Audio Visual - Equipment		X	
115	Kitchen/Servery & Laundry Equipment (if Applicable)		X	
116	Pool/Jacuzzi/Applicable Systems		X	

NOTES:

- The Responsibility and Budget Matrix is intended to aid in defining "Gray Areas" of scope between the Owner and General Contractor. This document is NOT inclusive of all of either parties responsibilities and needs to be used in conjunction with the other contract documents.

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NORTHGLENN CITY HALL

IGMP ESTIMATE CLARIFICATIONS AND ASSUMPTIONS

Our IGMP Estimate dated 3/02/2023 is based on 1000% Design Development plans dated 1/27/2023 provided by AndersonMasonDale Architects.

This document is intended to complement the information provided in the detailed estimate.

- Our estimate is based on a 32,629 sqft 2-story building.
- All costs are based on standard workdays, eight hours per day, five days per week.
- To the extent possible, products by specified basis-of-design manufacturers have been included. Where there were no Basis of Design products, we have included a product description and/or manufacturer in the body of the detailed estimate.
- Our proposal is based on a construction start of May 2023 and construction completion in July 2024.
- All materials are assumed to be selected from manufacturer's standard colors unless otherwise noted.
- There are three separate contingences included in this proposal.
 - Bid / Design Contingency is included to cover inaccuracies in estimating and to provide for scope that has not been anticipated at this time but that will be required for completion of design. Any remaining, after subcontractor buyout is completed, is to become a shared owner and construction contingency to be used for any owner-initiated changes, unforeseen conditions or overruns in allowances.
 - Escalation Contingency is included and be managed through the preconstruction process to cover changes in market prices. This 20% Design Development Estimate has been calculated based on the current prices for building materials. However, the market for most materials and equipment are volatile, and sudden price increases may occur. Contractor agrees to use its best efforts to obtain advantageous prices from subcontractors and material suppliers. In the event of price increases of materials, equipment or energy occurring during the performance of the Contract through no fault of the Contractor,
 - Contractor Contingency is to be used for any costs which are properly reimbursable as cost of the work, but not the basis for a change order. These may include but not be limited to: costs attributable to errors and omissions by the Construction Manager; costs to correct non-conforming, damaged or defective work; costs generated from the clarification of the contract documents; costs for code changes or upgrades required by governmental agencies which are not otherwise the basis for a change order; costs for overtime and acceleration required to meet contract schedules; and costs including legal fees for contractual disputes with parties other than the owner.
- The IGMP Proposal is based on the premise and understanding that FCI Constructors will have full control to reallocate any funds and/or budgets within the IGMP (excluding allowances and contingencies unless approved by the owner) as determined necessary in the execution of the CM Contract.
- Value engineering was necessary to reduce costs per the request and consent of the Owner and Design Team. The re-design or additional consulting costs have not been included and will be the responsibility of others.

- Value engineering (VE) is included as a part of this IGMP and has yet to be documented by AMD, and priced by FCI. The current drawings referenced above do not reflect the VE accepted, however FCI has itemized these reductions in the detailed estimate what these VE items are and their assumed costs. It may be necessary to provide additional VE or issue a change order for additional costs, if the conceptual pricing and design do not match the final pricing and design of the VE items tracked in the IGMP.

PART 1: Summary of Allowances Included in the IGMP Estimate:

Allowances include costs for materials, tools, equipment, and labor as required for a complete and finished product.

- Break 260 Island Cabinetry and Radius Wood Countertop - \$25,000
- Storefront Door Hardware - \$77,000
- Interior Signage and Wall Graphics - \$38,000
- Flag Poles - \$13,500
- Residential Appliances - \$10,000
- Caisson Dewatering - \$7,500
- Monument Signs - \$60,000
- Landscaping Repair - \$10,000
- Utilities Dewatering - \$10,000

PART 2: Summary of Alternates:

- See Alternate Summary Sheet

PART 3: Scope Inclusions and Clarifications

- *Items in PART 3 are included in FCI's proposal.*
- *See PART 4 and PART 5 below for Items Not Included in FCI's Proposal.*
- All foundations are on 4" void form.
- The 1st level is slab on 12" void w/double mat rebar at 6 lbs/sqft. The 2nd level will have a 3.5" topping slab w/#3 rebar at 18" O.C.E.W. over the CLT structural floor.
- The Cross Laminated Timber structure is based on a 3-ply system using visually graded wood products.
- Our estimate includes NedZink metal wall panels and Arbor Wood treated T&G wood wall panels at the exterior of the building.
- We have included 9'-0" doors at all interior and exterior locations, except where noted to be taller.
- Storefront glazing is priced as center-set due to the double thermal break requirement. Front-set glazing is not available with double thermal break.
- We have included delegated design for the light gauge structural framing.

- We have included Mobile Hi-Density Storage Systems at an even split of overall area for Letter depth and Legal depth sized documents. The storage cabinets will be on rails set into the slab and are mechanically assisted.
- The estimate includes manual roller shades at all locations except the Council Chambers and Community Rooms which are motorized.
- Our estimate includes a 193.6 kW Photovoltaic Solar Panel System on the main roof, Council Chambers, and canopy structure.
- We have accounted for the CORE Apprenticeship requirement.
- HVAC is based on Samsung VRF System, Greenheck RTU's and DOAS.
- We have included complete systems for the following that are NOT shown in the drawings.
 - Refrigerant Piping Systems
 - AC Condensate Drains and Pumps
 - Commissioning Assistance
 - Test & Balance
 - HVAC Controls from Honeywell by CSI
- We have included a lightning protection system (\$35,273)
- The Audio/Video scope included is based on the A/V One-Line on Sheet T-502.
- We included for the number of Security Systems items shown that should be confirmed in the Construction Documents for final pricing.
- We have included costs for the export of dirt from our site to the Northwest Open Space located at 2100 W. 112th Avenue.
- The site paving and hardscape subgrade will receive 2' of reconditioned soils.
- We have included limited erosion control for the export soils deposited on the Northwest Open Space land.
- Our current estimate includes the Kraken water quality device which has subsequently been determined not to meet CORE requirements. We have not included the costs for an approved system.

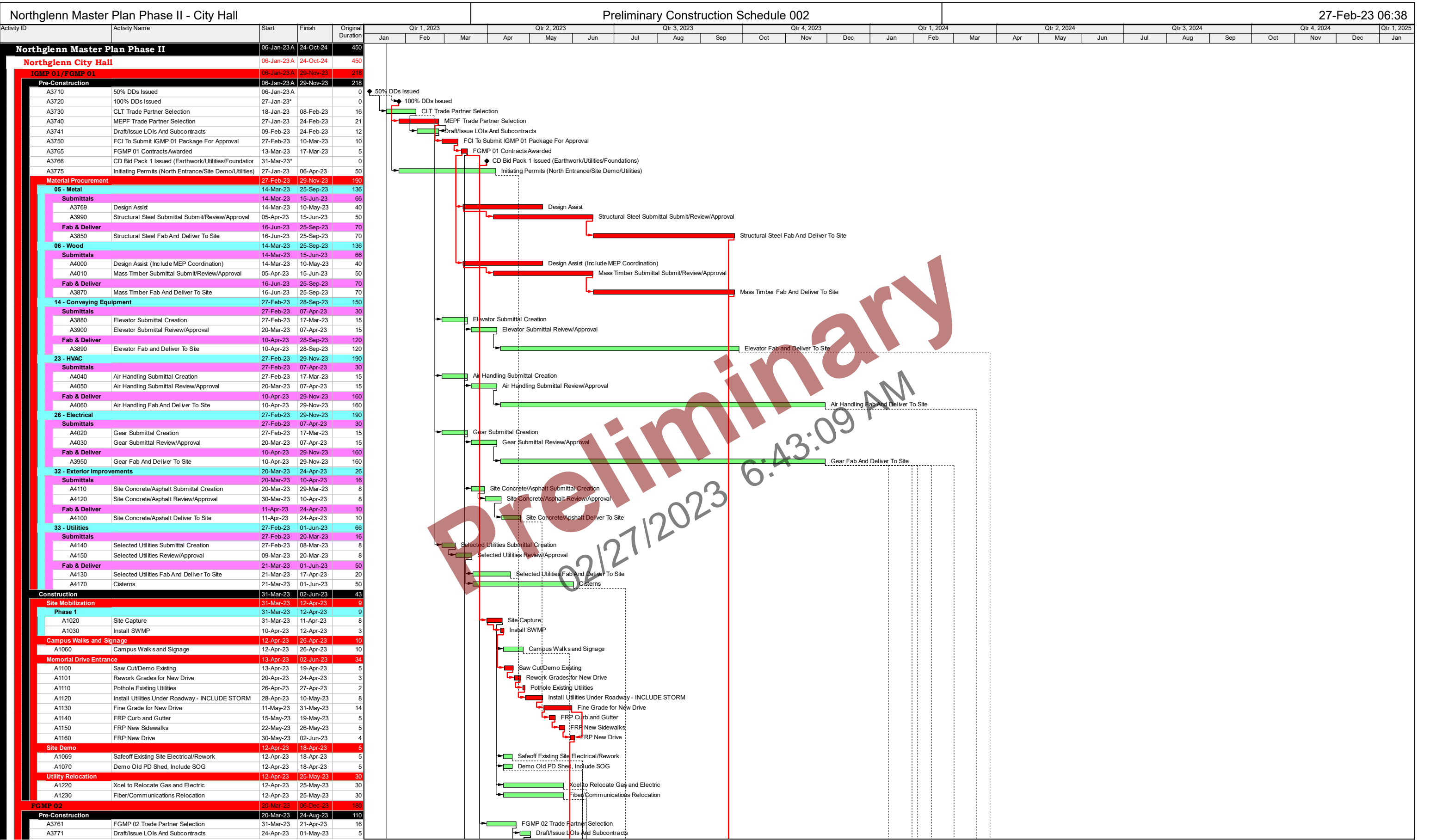
PART 4: Summary of Items Not Included in FCI's Proposal which are Anticipated to be By Others:

- Utility and tap development fees
- Utility charges during construction
- All Phone systems.As-built survey for use in title work (Alta survey)
- Building testing
- Deductibles for Builder's Risk, if required
- Dry utilities service lines to on-site termination point (gas service, electrical service and phone/data service)

- Electrical service to primary transformer and service design fees
- Third party commissioning agent and fees
- Geotechnical report costs
- Initial site survey
- Materials testing & inspections
- Providing or installing Wireless Access Point (WAP) devices
- Vending machines
- Interior plants
- Artwork
- Ballot Box

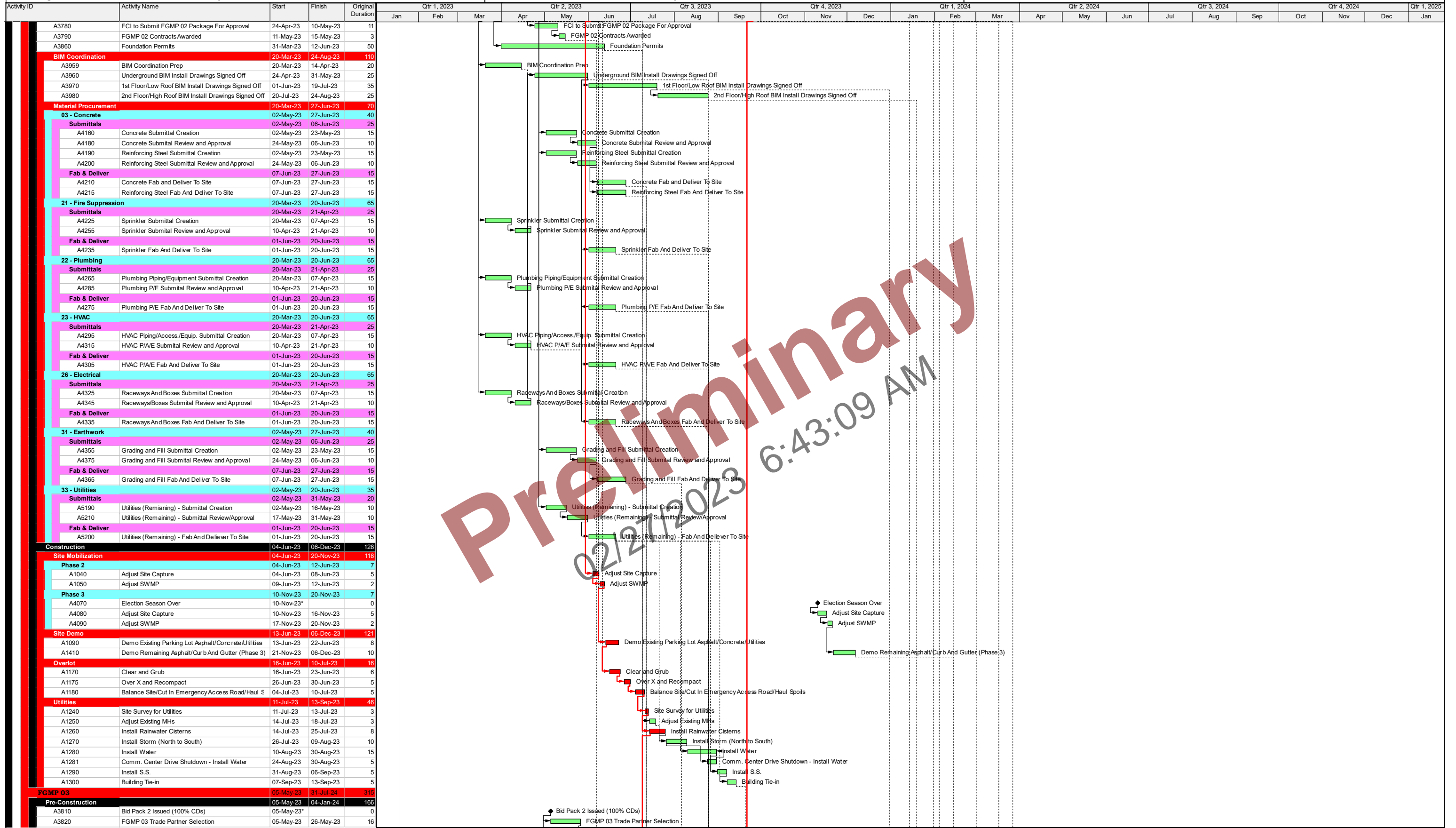
PART 5: Summary of Items Specifically Excluded from FCI's Proposal:

- Colorado State Tax (including RTD and SCFD taxes)
- City of Northglenn Sales and Use Tax
- Dry pipe fire sprinkler systems
- Davis Bacon or other Prevailing wages do not apply to this project
- Building permit and plan review fees
- Flood testing of roof
- Hazardous material abatement (see Voluntary Alternate 1 above)
- Solid surface cabinetry (noted in sections 4,7,10/A-506)
- Spray-on fireproofing, intumescent fireproofing
- Level 5 drywall finish
- Motorized roller shades
- Loose furnishings, FF&E
- Ansul fire suppression systems
- Water booster pumps for domestic and fire sprinkler systems
- Emergency power generators
- Public safety DAS system
- Cell phone DAS system
- Flat panel displays in Department Director offices
- Sound attenuation for HVAC systems



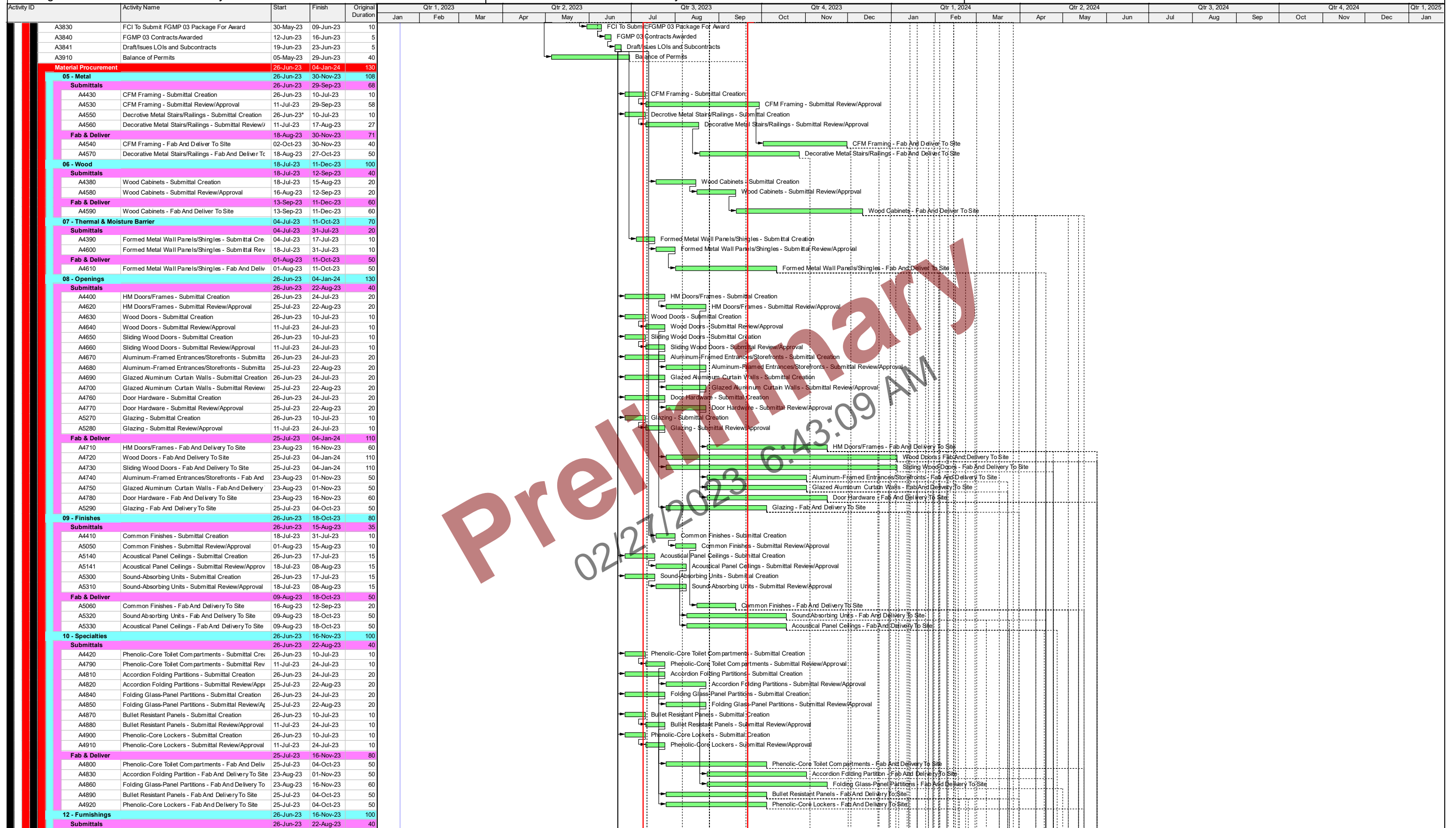
Actual Work Remaining Work Critical Remaining Work Milestone





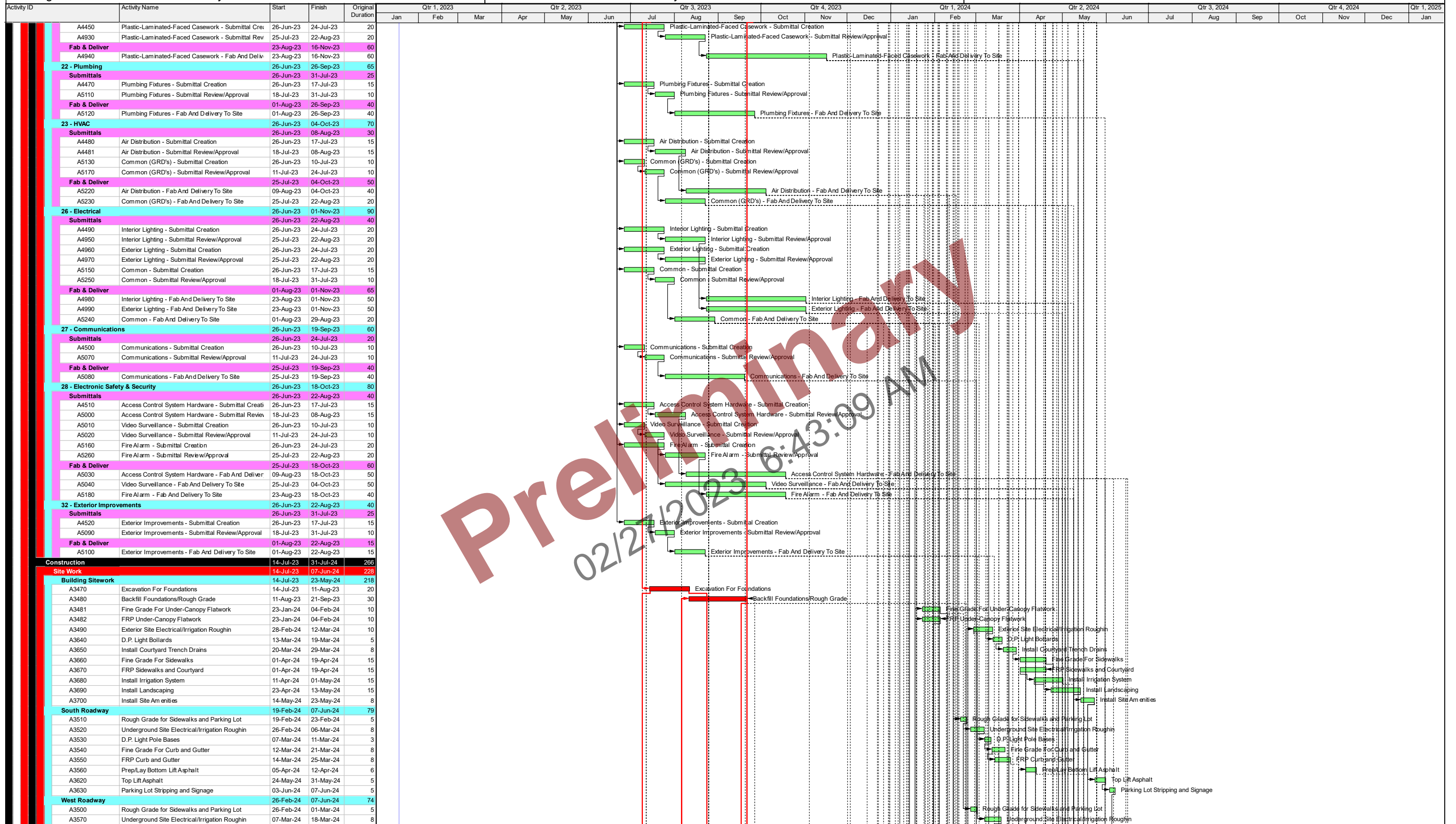
█ Actual Work █ Critical Remaining Work
█ Remaining Work ◆ Milestone





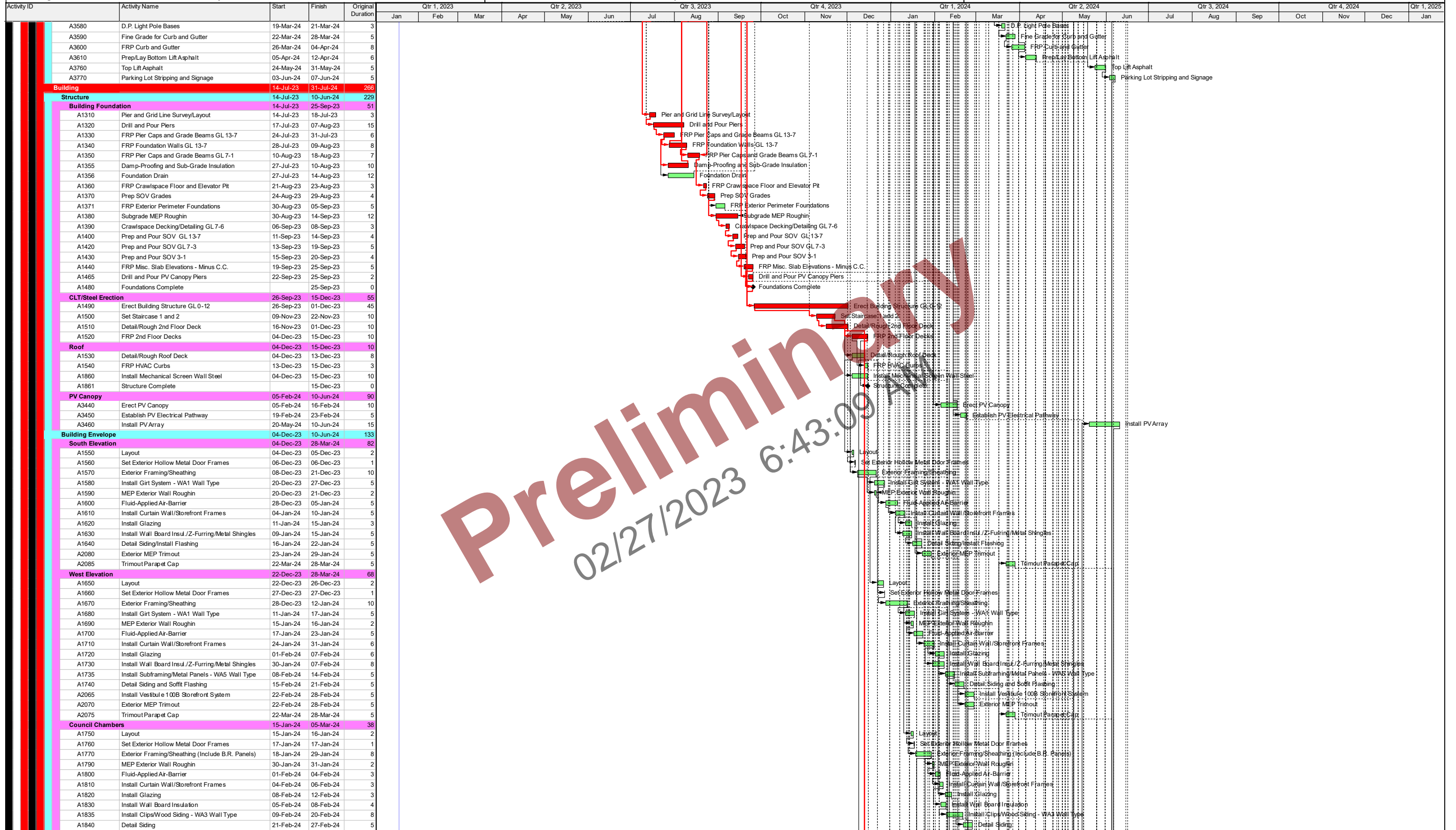
█ Actual Work
 █ Critical Remaining Work
█ Remaining Work
 ◆ Milestone





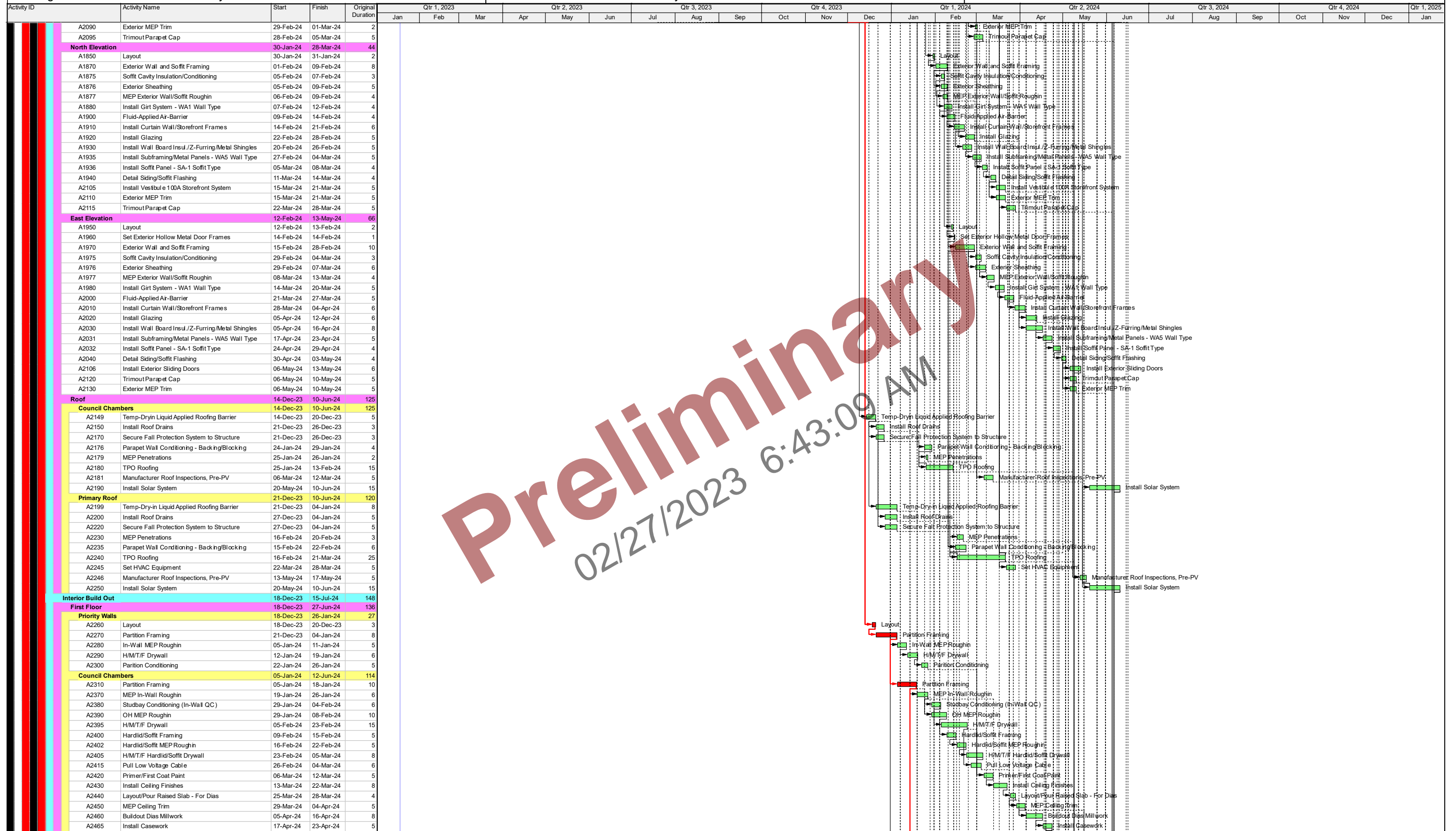
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 █ Critical Remaining Work
█ Remaining Work
 ◆ Milestone





Actual Work Remaining Work Critical Remaining Work Milestone





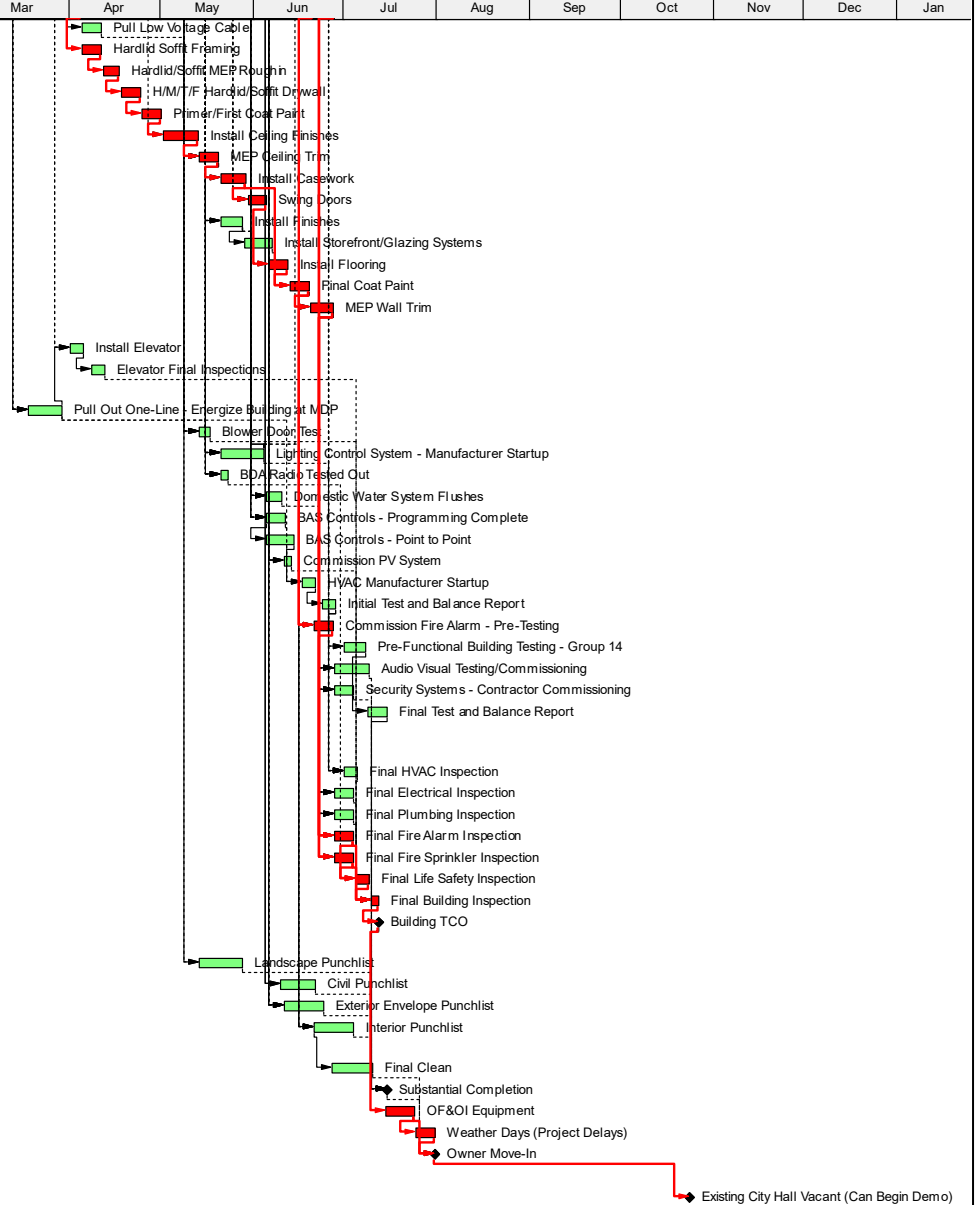
█ Actual Work
 █ Critical Remaining Work
█ Remaining Work
 ◆ Milestone



Activity ID	Activity Name	Start	Finish	Original Duration	Qtr 1, 2023			Qtr 2, 2023			Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024			Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025
					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
A2845	Pull Low Voltage Cable	05-Apr-24	11-Apr-24	5																									
A2850	Hardlid Soffit Framing	05-Apr-24	11-Apr-24	5																									
A2860	Hardlid/Soffit MEP Roughin	12-Apr-24	17-Apr-24	4																									
A2870	H/M/T/F Hardlid/Soffit Drywall	18-Apr-24	24-Apr-24	5																									
A2880	Primer/First Coat Paint	25-Apr-24	01-May-24	5																									
A2890	Install Ceiling Finishes	02-May-24	13-May-24	8																									
A2895	MEP Ceiling Trim	14-May-24	20-May-24	5																									
A2900	Install Casework	21-May-24	29-May-24	6																									
A2910	Swing Doors	30-May-24	05-Jun-24	5																									
A2920	Install Finishes	21-May-24	28-May-24	5																									
A2930	Install Storefront/Glazing Systems	29-May-24	07-Jun-24	8																									
A2960	Install Flooring	06-Jun-24	12-Jun-24	5																									
A2965	Final Coat Paint	13-Jun-24	19-Jun-24	5																									
A2970	MEP Wall Trim	20-Jun-24	27-Jun-24	6																									
Elevator Install					01-Apr-24	12-Apr-24	10																						
A3150	Install Elevator	01-Apr-24	05-Apr-24	5																									
A3360	Elevator Final Inspections	08-Apr-24	12-Apr-24	5																									
Unit Startup/Commissioning					18-Mar-24	15-Jul-24	85																						
A3238	Pull Out One-Line - Energize Building at MDP	18-Mar-24	29-Mar-24	10																									
A3239	Blower Door Test	14-May-24	17-May-24	4																									
A3240	Lighting Control System - Manufacturer Startup	21-May-24	04-Jun-24	10																									
A3241	BDA Radio Tested Out	21-May-24	23-May-24	3																									
A3243	Domestic Water System Flushes	05-Jun-24	10-Jun-24	4																									
A3244	BAS Controls - Programming Complete	05-Jun-24	11-Jun-24	5																									
A3245	BAS Controls - Point to Point	05-Jun-24	14-Jun-24	8																									
A3249	Commission PV System	11-Jun-24	13-Jun-24	3																									
A3300	HVAC Manufacturer Startup	17-Jun-24	21-Jun-24	5																									
A3340	Initial Test and Balance Report	24-Jun-24	28-Jun-24	5																									
A3350	Commission Fire Alarm - Pre-Testing	21-Jun-24	27-Jun-24	5																									
A3351	Pre-Functional Building Testing - Group 14	01-Jul-24	08-Jul-24	6																									
A3370	Audio Visual Testing/Commissioning	28-Jun-24	09-Jul-24	8																									
A3371	Security Systems - Contractor Commissioning	28-Jun-24	04-Jul-24	5																									
A3390	Final Test and Balance Report	09-Jul-24	15-Jul-24	5																									
Final Inspections and Turnover					14-May-24	31-Jul-24	56																						
Building Inspections					28-Jun-24	12-Jul-24	11																						
A3160	Final HVAC Inspection	01-Jul-24	05-Jul-24	5																									
A3170	Final Electrical Inspection	28-Jun-24	04-Jul-24	5																									
A3180	Final Plumbing Inspection	28-Jun-24	04-Jul-24	5																									
A3190	Final Fire Alarm Inspection	28-Jun-24	04-Jul-24	5																									
A3200	Final Fire Sprinkler Inspection	28-Jun-24	04-Jul-24	5																									
A3210	Final Life Safety Inspection	05-Jul-24	09-Jul-24	3																									
A3220	Final Building Inspection	10-Jul-24	12-Jul-24	3																									
A3230	Building TCO		12-Jul-24	0																									
Punchlist					14-May-24	04-Jul-24	37																						
A3254	Landscape Punchlist	14-May-24	28-May-24	10																									
A3255	Civil Punchlist	10-Jun-24	21-Jun-24	10																									
A3256	Exterior Envelope Punchlist	11-Jun-24	24-Jun-24	10																									
A3257	Interior Punchlist	21-Jun-24	04-Jul-24	10																									
Project Turnover					27-Jun-24	31-Jul-24	25																						
A3247	Final Clean	27-Jun-24	10-Jul-24	10																									
A3250	Substantial Completion		15-Jul-24	0																									
A3270	OF&OI Equipment	15-Jul-24	24-Jul-24	8																									
A3278	Weather Days (Project Delays)	25-Jul-24	31-Jul-24	5																									
A3280	Owner Move-In		31-Jul-24	0																									
Demo of Existing City Hall					24-Oct-24	24-Oct-24	0																						
A5340	Existing City Hall Vacant (Can Begin Demo)	24-Oct-24		0																									

Preliminary

02/27/2023 6:43:10 AM



█ Actual Work █ Critical Remaining Work
█ Remaining Work ◆ Milestone



Design Development Construction Documents

Northglenn City Hall

Enumeration of Construction Documents

Document: DWG # Description: Date: March 2, 2023 # of Pages

Project Manual as follows:

Table of Contents:

DIVISION 01	GENERAL REQUIREMENTS
01 10 00	SUMMARY
01 21 00	ALLOWANCES
01 22 00	UNIT PRICES
01 23 00	ALTERNATES
01 25 00	SUBSTITUTION PROCEDURES
	SUBSTITUTION REQUEST PRE-BID
	SUBSTITUTION REQUEST POST-BID
01 26 00	CONTRACT MODIFICATION PROCEDURES
01 29 00	PAYMENT PROCEDURES
01 31 00	PROJECT MANAGEMENT AND COORDINATION
01 32 00	CONSTRUCTION PROGRESS DOCUMENTATION
01 32 33	PHOTOGRAPHIC DOCUMENTATION
01 33 00	SUBMITTAL PROCEDURES
	FILE TRANSFER AGREEMENT
01 40 00	QUALITY REQUIREMENTS
01 42 00	REFERENCES
01 43 39	MOCKUPS
01 50 00	TEMPORARY FACILITIES AND CONTROLS
01 57 13	TEMPORARY EROSION AND SEDIMENT CONTROL
01 60 00	PRODUCT REQUIREMENTS
01 73 00	EXECUTION
01 74 19	CONSTRUCTION WASTE MANAGEMENT - CORE
01 77 00	CLOSEOUT PROCEDURES
01 78 23	OPERATION AND MAINTENANCE DATA
01 78 39	PROJECT RECORD DOCUMENTS
01 79 00	DEMONSTRATION AND TRAINING
01 81 13	SUSTAINABLE DESIGN REQUIREMENTS - CORE
01 91 13	GENERAL COMMISSIONING REQUIREMENTS
DIVISION 02	EXISTING CONDITIONS
02 41 19	SELECTIVE DEMOLITION
DIVISION 03	CONCRETE
03 30 00	CAST-IN-PLACE CONCRETE
03 35 19	POLISHED CONCRETE FINISHING
DIVISION 04	MASONRY (NOT USED)
DIVISION 05	METAL
05 12 00	STRUCTURAL STEEL
05 40 00	COLD-FORMED METAL FRAMING
05 50 00	METAL FABRICATIONS
05 52 13	PIPE AND TUBE RAILINGS
05 53 13	BAR GRATINGS (Deleted in Addendum 1)
05 70 00	DECORATIVE METAL
05 71 00	DECORATIVE METAL STAIRS

Design Development Construction Documents

Northglenn City Hall

Enumeration of Construction Documents

Document: DWG # Description: Date: March 2, 2023 # of Pages

05 73 00 DECORATIVE METAL RAILINGS
05 75 00 DECORATIVE FORMED METAL

DIVISION 06

WOOD AND PLASTICS

06 10 53 MISCELLANEOUS ROUGH CARPENTRY
06 15 43 CROSS LAMINATED TIMBER PANELS
06 16 00 SHEATHING
06 18 00 GLUED-LAMINATED WOOD CONSTRUCTION
06 20 13 EXTERIOR FINISH CARPENTRY
06 20 23 INTERIOR FINISH CARPENTRY
06 41 13 WOOD-VENEER-FACED ARCHITECTURAL CABINETS

DIVISION 07

THERMAL AND MOISTURE PROTECTION

07 11 13 BITUMINOUS DAMPPROOFING
07 13 26 SELF-ADHERING SHEET WATERPROOFING
07 21 00 THERMAL INSULATION
07 26 00 VAPOR RETARDERS
07 27 26 FLUID-APPLIED MEMBRANE AIR BARRIERS
07 31 16 METAL SHINGLES
07 42 13.13 FORMED METAL WALL PANELS
07 42 93 SOFFIT PANELS
07 54 23 THERMOPLASTIC POLYOLEFIN (TPO) ROOFING
07 62 00 SHEET METAL FLASHING AND TRIM
07 84 13 PENETRATION FIRESTOPPING
07 84 43 JOINT FIRESTOPPING
07 92 00 JOINT SEALANTS

DIVISION 08

DOORS AND WINDOWS

08 11 13 HOLLOW METAL DOORS AND FRAMES
08 14 16 FLUSH WOOD DOORS
08 14 73 SLIDING WOOD DOORS
08 31 13 ACCESS DOORS AND FRAMES
08 41 13 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
08 41 26 ALL-GLASS ENTRANCES AND STOREFRONTS
08 42 13 ALUMINUM-FRAMED ENTRANCES
08 44 13 GLAZED ALUMINUM CURTAIN WALLS
08 56 53 SECURITY WINDOW
08 71 00 DOOR HARDWARE (Add from Addendum 1)
08 80 00 GLAZING
08 83 00 MIRRORS
08 87 00 WINDOW FILM (Add from Addendum 1)
08 88 53 SECURITY GLAZING

DIVISION 09

FINISHES

09 05 61.13 MOISTURE VAPOR EMISSION CONTROL
09 21 16.23 GYPSUM BOARD SHAFT WALL ASSEMBLIES
09 22 16 NON-STRUCTURAL METAL FRAMING
09 29 00 GYPSUM BOARD
09 30 13 CERAMIC TILING
09 51 13 ACOUSTICAL PANEL CEILINGS
09 65 13 RESILIENT BASE AND ACCESSORIES
09 66 23 RESINOUS MATRIX TERRAZZO FLOORING

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09 68 13 TILE CARPETING
 09 84 33 SOUND-ABSORBING WALL UNITS
 09 84 36 SOUND-ABSORBING CEILING UNITS
 09 91 23 INTERIOR PAINTING
 09 93 00 STAINING AND TRANSPARENT FINISHING
 09 96 00 HIGH-PERFORMANCE COATINGS

DIVISION 10 SPECIALTIES

10 14 19 DIMENSIONAL LETTER SIGNAGE
 10 14 23 PANEL SIGNAGE
 10 21 13.17 PHENOLIC-CORE TOILET COMPARTMENTS
 10 22 33 ACCORDION FOLDING PARTITIONS
~~10 22 39 FOLDING PANEL PARTITIONS (Deleted in Addendum 1)~~
 10 22 39.13 FOLDING GLASS-PANEL PARTITIONS
 10 26 41 BULLET RESISTANT PANELS
 10 28 00 TOILET, BATH, AND LAUNDRY ACCESSORIES
 10 44 13 FIRE PROTECTION CABINETS
 10 44 16 FIRE EXTINGUISHERS
 10 51 29 PHENOLIC-CORE LOCKERS
 10 56 26 MOBILE STORAGE SHELVING

DIVISION 11 EQUIPMENT (NOT USED)

DIVISION 12 FURNISHINGS

12 24 13 ROLLER WINDOW SHADES
 12 32 16 MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK
 12 36 19 WOOD COUNTERTOPS
 12 36 61.16 SOLID SURFACING COUNTERTOPS
 12 36 61.19 QUARTZ AGGLOMERATE COUNTERTOPS

DIVISION 13 SPECIAL CONSTRUCTION (NOT USED) DIVISION

14 CONVEYING SYSTEMS

14 21 00 ELECTRIC TRACTION ELEVATORS

DIVISION 21 FIRE SUPPRESSION

21 10 00 FIRE SUPPRESSION SYSTEM

DIVISION 22 PLUMBING

22 05 00 Common Work Results for Plumbing
 22 05 53 Plumbing Identification
 22 07 00 Plumbing Insulation
 22 10 00 Pipes, Valves and Piping Specialties
 22 20 00 Plumbing Systems

DIVISION 23 HVAC

23 05 00 COMMON WORK RESULTS FOR HVAC
 23 05 53 HVAC IDENTIFICATION
 23 05 93 TESTING, ADJUSTING AND BALANCING

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23 07 00 HVAC INSULATION
23 09 23 TEMPERATURE CONTROL SYSTEMS – DDC
23 09 93 SEQUENCES OF OPERATION
23 10 00 HVAC PIPE, VALVES & PIPE SPECIALTIES
23 23 00 REFRIGERANT PIPING SYSTEMS
23 30 00 AIR DISTRIBUTION
23 74 00 PACKAGED HEATING & COOLING UNITS
23 81 00 ELECTRIC HEATING TERMINALS

DIVISION 26 ELECTRICAL

26 05 00 COMMON WORK RESULTS FOR ELECTRICAL26 05 19 LOW VOLTAGE ELECTRICAL POWER
CONDUCTORS AND CABLES
26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
26 05 29 HANGARS AND SUPPORTS FOR ELECTRICAL SYSTEMS
26 05 33 RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS
26 05 53 IDENTIFICATION FOR ELECTRICAL SYSTEMS
26 09 23 LIGHTING CONTROL DEVICES
26 09 43 NETWORK LIGHTING CONTROLS
26 22 00 LOW-VOLTAGE TRANSFORMERS
26 24 13 SWITCHBOARDS
26 24 16 PANELBOARDS
26 27 26 WIRING DEVICES
26 28 13 FUSES
26 28 16 ENCLOSED SWITCHES AND CIRCUIT BREAKERS
26 51 00 INTERIOR LIGHTING
26 56 00 EXTERIOR LIGHTING

DIVISION 27 COMMUNICATIONS

27 00 10 SUPPLEMENTAL REQUIREMENTS FOR COMMUNICATIONS
27 05 26 GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS
27 05 28 PATHWAYS FOR COMMUNICATIONS SYSTEMS
27 05 29 HANGERS AND SUPPORTS FOR COMMUNICATIONS SYSTEMS
27 05 36 CABLE TRAYS FOR COMMUNICATIONS SYSTEMS
27 05 44 SLEEVES AND SLEEVE SEALS FOR COMMUNICATIONS PATHWAYS AND CABLING
27 05 53 IDENTIFICATION FOR COMMUNICATIONS SYSTEMS
27 11 16 COMMUNICATIONS RACKS, FRAMES, AND ENCLOSURES
27 13 13 COMMUNICATIONS COPPER BACKBONE CABLING
27 13 23 COMMUNICATIONS OPTICAL FIBER BACKBONE CABLING
27 15 13 COMMUNICATIONS COPPER HORIZONTAL CABLING

DIVISION 28 ELECTRONIC SAFETY AND SECURITY

28 00 10 SUPPLEMENTAL REQUIREMENTS FOR ELECTRONIC SAFETY AND SECURITY
28 13 00 ACCESS CONTROL SOFTWARE AND DATABASE MANAGEMENT
28 14 00 ACCESS CONTROL SYSTEM HARDWARE
28 20 00 VIDEO SURVEILLANCE
28 31 00 INTRUSION DETECTION
28 31 11 DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM

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DIVISION 31	EARTHWORK
31 10 00	SITE CLEARING
31 20 00	EARTH MOVING
31 23 33	TRENCHING AND BACKFILLING
DIVISION 32	EXTERIOR IMPROVEMENTS
32 12 16	ASPHALT PAVING
32 13 13	CONCRETE PAVING
32 13 73	CONCRETE PAVING JOINT SEALANTS
32 17 23	PAVEMENT MARKINGS
32 33 00	SITE FURNISHINGS
32 84 23	UNDERGROUND SPRINKLERS
32 91 13	SOIL PREPARATION
32 92 23	SODDING
32 93 00	PLANTS
DIVISION 33	UTILITIES
33 11 00	WATER UTILITY DISTRIBUTION PIPING
33 31 00	SANITARY UTILITY SEWERAGE PIPING
33 41 00	STORM UTILITY DRAINAGE PIPING

Project Drawings: 100% DD

Northglenn City Hall 100% DD

G-000	Cover Page	1
G-100	Index & Abbreviation	1
G-101	Code Study	1
G-102	Tested Assemblies	1
C-101	Notes	1
C-102	Notes	1
C-103	Existing Conditions	1
C-104	Demolition Plan	1
C-200	Overall Grading Plan	1
C-201	Detailed Grading Plan	1
C-202	Detailed Grading Plan	1
C-210	E-W Roadway Plan and Profile	1
C-211	E-W Roadway Plan and Profile	1
C-212	N-S Roadway Plan and Profile	1
C-220	Initial Erosion Control Pan	1
C-221	Interim Erosion Control Plan	1
C-222	Final Erosion Control Plan	1
C-223	Erosion Control Details	1
C-224	Erosion Control Details	1

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	C-225	Erosion Control Details		1
	C-300	Overall Utility Plan		1
	C-400	Sanitary Plan and Profile		1
	C-500	Storm Plan and Profile		1
	C-501	Storm Plan and Profile		1
	C-502	Storm Plan and Profile		1
	C-503	Storm Plan and Profile		1
	C-504	Storm Plan and Profile		1
	C-600	Water Plan and Profile		1
	C-601	Water Plan and Profile		1
	C-700	Overall Horizontal Control Plan		1
	C-701	Horizontal Control Plan		1
	C-702	Horizontal Control Plan		1
	C-703	Line and Curve Tables		1
	C-704	Paving, Signage, and Striping		1
	C-800	Jurisdictional Site Details		1
	C-801	Jurisdictional Site Details		1
	C-802	Jurisdictional Site Details		1
	C-803	Jurisdictional Utility Details		1
	C-804	Jurisdictional Utility Details		1
	C-805	Jurisdictional Utility Details		1
	C-806	Details		1
	C-807	Details		1
	C-808	Details		1
	C-900	Overall Existing Drainage Plan		1
	C-901	Existing Drainage Plan		1
	C-902	Interim Drainage Plan		1
	C-903	Proposed Drainage Plan		1
	L-100	Landscaping Plan		1
	L-200	Landscaping Detail		1
	IR-100	Irrigation Notes & Schedule		1
	IR-101	Irrigation Plan		1
	IR-200	Irrigation Detail		1
	IR-201	Irrigation Detail		1
	IR-202	Irrigation Pump Detail		1
	S-001	General Notes		1
	S-002	General Notes		1
	S-003	Load Keys		1
	S-101	Typical Details		1
	S-102	Typical Details		1
	S-103	Typical Details		1
	S-200	Drilled Pier Plans		1
	S-201	Foundation Plan		1
	S-202	Second Level Framing Plan		1

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	S-203	Roof Framing Plan		1
	S-204	Diaphragm Plans		1
	S-301	Brace Frame Elevations		1
	S-302	Brace Frame Elevations		1
	S-303	Brace Frame Details		1
	S-304	Building Frame Elevation		1
	S-305	Exterior Building Elevation		1
	S-310	Wall Sections		1
	S-311	Wall Sections		1
	S-400	Foundation Details		1
	S-410	Framing Details		1
	S-411	Framing Details		1
	S-412	Framing Details		1
	S-501	Schedules		1
	A-100	Architectural Site Plan		1
	A-101	First Level Floor Plan		1
	A-102	Second Level Floor Plan		1
	A-103	Roof Level Plan		1
	A-111	First Level Reflected Ceiling Plan		1
	A-112	Second Level Reflected Ceiling Plan		1
	A-121	First Level Finished Plan		1
	A-122	Second Level Finished Plan		1
	A-141	First Level Slab and Curb Plan		1
	A-201	Exterior Elevation		1
	A-202	Exterior Elevation		1
	A-203	Exterior Elevation		1
	A-204	Building Sections		1
	A-401	Enlarged North Stair Plan		1
	A-402	Enlarged South Stair Plan		1
	A-403	Enlarged Elevator Plan		1
	A-404	Enlarged Security Vestibule Plan		1
	A-411	Enlarged Restroom Plans		1
	A-412	Enlarged Restroom Plans		1
	A-422	Interior Elevations – Lobby		1
	A-423	Interior Elevations-Council Chambers		1
	A-424	Interior Elevations-Level 1		1
	A-425	Interior Elevations-Level 2		1
	A-426	Interior Elevations		1
	A-427	Interior Elevations		1
	A-428	Interior Elevations- Level 1		1
	A-429	Interior Elevations- Level 2		1
	A-430	Rendered Views		1
	A-440	Enlarged Trash Enclosure Plan		1
	A-501	Finished Schedule		1

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	A-502	Door Schedule		1
	A-503	Exterior Window Schedule		1
	A-504	Exterior Window Schedule		1
	A-505	Interior Window Schedule		1
	A-506	Casework Schedule		1
	A-601	Exterior Wall & Roof Assemblies		1
	A-602	Partition Types		1
	A-611	Wall Sections		1
	A-612	Wall Sections		1
	A-621	Exterior Details- Metal Panel and Meal Shingle		1
	A-631	Exterior Details- Wood Cladding		1
	A-701	Interior Ceiling Details		1
	A-702	Floor Transition Details		1
	A-703	Casework Details		1
	A-704	Interior Lobby Details		1
	M-000	Mechanical Cover Sheet		1
	M-101	Level 1 HVAC Plan		1
	M-102	Level 2 HVAC Plan		1
	M-103	Roof Level HVAC Plan		1
	M-201	Level 1 HVAC Piping Plan		1
	M-202	Level 2 HVAC Piping Plan		1
	M-301	HVAC Details		1
	M-401	Temperature Control Diagrams		1
	M-501	HVAC Schedules		1
	M-502	HVAC Schedules		1
	P-000	Plumbing Cover Sheet		1
	FP-101	First Level Fire Protection Floor Plan		1
	FP-102	Level 2 Fire Protection Floor Plan		1
	P-101	First Level Plumbing Floor Plan		1
	P-102	Level 2 Plumbing Floor Plan		1
	P-103	Roof Level Plumbing Plan		1
	P-401	Enlarged Scale Plumbing Plans		1
	P-501	Plumbing Schedules		1
	P-601	Plumbing Details		1
	E-000	Electrical Cover Sheet		1
	E-001	Electrical Site Plan		1
	E-100	Electrical Power Plan-Level 1		1
	E-101	Electrical Power Plan-Level 2		1
	E-102	Electrical Power Plan- Roof		1
	E-200	Electrical Lighting Plan- Level 1		1
	E-201	Electrical Lighting Plan-Level 2		1
	E-500	Electrical One Line Diagram		1
	E-600	Electrical Schedule & Details		1
	E-601	Electrical Panel Schedules		1

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	E-602	Electrical Panel Schedules		1
	E-603	Electrical Panel Schedules		1
	E-604	Electrical Panel Schedules		1
	E-700	Electrical Lighting Schedules		1
	E-701	Electrical Lighting Controls Schedules		1
	E-800	Electrical Lighting Compliances		1
	T-000	Technology Cover Sheet		1
	T-001	Technology Responsibility Matrix		1
	T-002	Technology Site Plan		1
	T-011	Technology Infrastructure Plan- Level 1		1
	T-012	Technology Infrastructure Plan- Level 2		1
	T-101	Technology Floor Plan- Level 1		1
	T-102	Technology Floor Plan- Level 2		1
	T-201	Technology Ceiling Plan- Level 1		1
	T-202	Technology Ceiling Plan- Level 2		1
	T-401	Enlarged Technology Plan – MDF 113		1
	T-402	Enlarged Technology Plan –AV101D		1
	T-403	Enlarged Technology Plan –IDF 222		1
	T-500	AV System Diagrams and Details		1
	T-501	AV System Diagrams and Details		1
	T-502	AV System Diagrams and Details		1
	T-600	Technology Details		1
	T-700	Technology Schedules		1
	SW-100	Exterior Sign Location Plan		1
	SW-101	First Level Sign Location Plan		1
	SW-102	Second Level Sign Location Plan		1
	SW-103	Sign Message Schedule		1
	SW-104	Sign Design Concepts Sketches		1

Project Addendums:

Dated:

Addendum 1: Changes to 100% Design Development Documents

2-2-2023

Project Manual (Addendum 1 Changes):

1. REPLACE Section 03 30 00 "Cast-In-Place" Concrete."
2. DELETE Section 05 53 13 "Bar Gratings."
3. REPLACE Section 05 70 00 "Decorative Metal."
4. REPLACE Section 05 75 00 "Decorative Formed Metal."
5. REPLACE Section 07 26 00 "Vapor Retarders."
6. REPLACE Section 07 31 16 "Metal Shingles."
7. REPLACE Section 07 42 13.13 "Formed Metal Wall Panels."

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8. REPLACE Section 08 41 26 "All-Glass Entrances and Storefronts."
9. REPLACE Section 08 56 53 "Security Windows."
10. ADD Section 08 71 00 "Door Hardware."
11. ADD Section 08 87 00 "Window Film."
12. DELETE Section 10 22 39 "Folding Panel Partitions."
13. REPLACE Section 14 21 00 "Electric Traction Elevators"

Drawings (Addendum 1 Changes):

1. REPLACE A-502 to include door hardware set designations.
2. REPLACE T-101, T-102, T-201, T-202, and T-500 to correspond with Technology One-Line Diagram updates.
3. ADD Sheets T-501 and T-502.

FCI OWNED EQUIPMENT RENTAL RATE SHEET
USE D-DAY W-WEEK M-MONTH

JOB: _____
JOB NO.: _____
PHASE: _____
MONTH: _____

EQUIPMENT	DAILY RATE	WEEKLY RATE	MONTH RATE	PERIOD (D,W,M)	QUAN	CODE XXX	DATE IN	DATE OUT	RATE	COST
CONCRETE										
CONCRETE BLANKET	17.00	52.00	104.00							
CONCRETE BLANKET, ELECTRIC	63.00	193.00	585.00							
CONCRETE BREAKER ATTACHMENT	234.00	650.00	1,450.00							
CONCRETE CHAIN SAW	90.00	225.00	690.00							
CONCRETE SCARIFIER, 12", VS30, 46" POWER TROWEL	135.00	505.00	900.00							
CORE DRILL 2"-5" (+BIT WEAR)	133.00	220.00	810.00							
SOFF-CUT SAW	153.00	335.00	675.00							
WALK CONC. SAW (+ BLADE WEAR)	153.00	335.00	765.00							
HEATERS										
GROUND HEATER, E3000G	455.00	2,790.00	5,000.00							
GROUND HEATER, E2200G	405.00	2,345.00	4,250.00							
WACKER NEUSON IFHeater (HI900)	375.00	900.00	2,750.00							
HEATER, 1.5 MILLION BTU	135.00	405.00	880.00							
HEATER, >/= 400,000 BTU	142.00	428.00	650.00							
HEATER, =< 400,000 BTU ****	60.00	183.00	550.00							
HEATER, INDIRECT HI400HD, 380,548 BTU	145.00	440.00	1,330.00							
HEAVY EQUIPMENT										
BACK HOE - CAT 416IT	350.00	935.00	1,165.00							
FORK LIFT-EXTEND BOOM-TH103	590.00	1,620.00	2,700.00							
FORK LIFT - WAREHOUSE	287.00	756.00	1,640.00							
FORK FRAME	72.00	205.00								
MINI-EXCAVATOR - BOBCAT 331	357.00	960.00	1,920.00							
SCAFFOLD LIFT 98 MOBILE	65.00	250.00	750.00							
SCISSOR LIFT 25'	140.00	280.00	570.00							
SKID LOADER W/ STANDARD BUCKET	222.00	680.00	1,620.00							
SKID LOADER S250	272.00	870.00	2,300.00							
SKID STR AUGER ATTACHMENT	158.00	487.00	945.00							
SKID STR BRUSH ATTACHMENT	158.00	487.00	945.00							
SKID STR SCARIFIER ATTACHMENT	54.00	162.00	648.00							
SKID STR SNOW PLOW ATTACHMENT	71.00	212.00	420.00							
SKID STR 80" SNOW REMOVAL BUCKET	23.00	90.00	440.00							
SKIP LOADER (JOHN DEERE GANNON TRACTOR)	246.00	722.00	1,890.00							
UTILITY TRACTOR-JD 210 4X4	245.00	720.00	1,980.00							
INFORMATION TECHNOLOGY										
COPIER			200.00							
RADIOS, ON SITE COMM.			183.00							
Information Technology (IT) PER USER ***			245.00							
SAFETY										
AdjustaStair (12'-19'2")		250.00	800.00							
ALUMINUM POST SHORE (6'6" - 11')	6.00	19.00	38.00							
ALUMINUM POST SHORE (10'6" - 16')	6.00	19.00	38.00							
FENCE PANELS			6.00							
FODS TRACKING PAD MATS	30.00	110.00	335.00							
LIGHT PLANT	129.00	327.00	832.00							
MOBILE FALL PROTECTION CART	30.00	120.00	360.00							
NEGATIVE AIR SCRUBBER (HEPA) 1950CFM	80.00	324.00	958.00							
PORT. LIGHTS 30KW	130.00	375.00	850.00							
ROLLING SCAFFOLD	15.00	43.00	130.00							
ROOF GUARDRAIL POSTS			18.00							
SAFETY BARRELS, SMALL	4.00	12.00	23.00							
SAFETY BARRELS, LARGE JERSEY TYPE	40.00	103.00	300.00							
TRAILER MOUNTED SOLAR TRAFFIC CONTROL MESSAGE BOARD (126"X76")	243.00	637.00	1,820.00							
FUME EXTRACTOR (SMOKE EATER)	105.00	232.00	520.00							
4-GAS AIR MONITOR	45.00	135.00	270.00							
MASONRY SCAFFOLD ASSEMBLY (cost per frame)	7.00	23.00	45.00							
SCAFFOLD STAIR TOWER (3-TIER)										

**FCI OWNED EQUIPMENT RENTAL RATE SHEET
USE D-DAY W-WEEK M-MONTH**

JOB: _____
JOB NO.: _____
PHASE: _____
MONTH: _____

STARC TEMPORARY WALL BARRIERS PER LINEAR FOOT			30.00						
STARC TEMPORARY WALL BARRIERS	100.00	500.00	2,000.00						
SERVICES									
FIREPROOFING - 2 MAN CREW	2,000.00								
FIREPROOFING MOB	500.00								
GROUND PENETRATING RADAR w/OPER**	2,000.00								
SURVEY									
LASER (LEVEL, ROTATING)	33.00	106.00	233.00						
ROBOTIC TOTAL STATION	225.00	810.00	2,695.00						
REBAR LOCATOR	27.00	78.00	162.00						
THEODOLITE	112.00	335.00	670.00						
TOTAL STATION	63.00	225.00	715.00						
TRUCKS/TRAILERS/STORAGE									
16' FLATBED TRAILER	120.00	240.00	485.00						
16' CARPENTER TRAILER (ENCLOSED)	120.00	240.00	485.00						
COMPRESSOR TR.	182.00	536.00	1,295.00						
GENERATOR TR.	150.00	450.00	1,300.00						
OFFICE TRAILER			700.00						
PICKUP			1,025.00						
PICKUP (ON SITE USE ONLY)			500.00						
PICKUP WITH SNOWPLOW									
STORAGE VAN (CON-X)	25.00	75.00	225.00						
TRASH DUMP TRAILER (12')	99.00	225.00	445.00						
WATER TANK WITH TRAILER	158.00	465.00	945.00						
BRUSH HOG TOW BEHIND	225.00	520.00	1,170.00						
TOOLS AND MISC.									
60# HAMMER AIR	76.00	227.00	490.00						
90# HAMMER AIR	95.00	250.00	540.00						
BACKFLOW PREVENTER/EQUIPMENT			225.00						
BRUT PORTABLE SANDBLASTER	225.00	490.00							
COMPACTOR JUMPING	107.00	330.00	590.00						
CORE DRILL 2"-5" (+BIT WEAR)	133.00	220.00	810.00						
DEMOLITION SAW	67.00	175.00	525.00						
DRYWALL TEXTURE SPRAYER (30 GAL)	44.00	113.00	335.00						
ELECT. HAMMER (T-905)	95.00	237.00	378.00						
HILTI VC 40-U WET/DRY VAC (DUST COLLECTOR)	22.00	87.00	260.00						
HYDRAULIC FURNITURE DOLLY	72.00	197.00	468.00						
MOTORIZED POST DRIVER	95.00								
PAINT SPRAYER	76.00	225.00	452.00						
PALLET JACK	72.00	197.00	468.00						
PIPE INSPECTION CAMERA, 100'	175.00	800.00	2,000.00						
PLATE COMPACTOR	110.00	300.00	608.00						
PRESSURE WASHER	105.00	375.00	790.00						
RIDE ON FLOOR SCRAPER (ELECTRIC)	800.00	2,000.00	4,500.00						
ROTO HAMMER AND BITS	87.00	256.00	600.00						
TRASH CHUTE 30" DIAM WITH MOUNTING ACCESSORIES	68.00	234.00	675.00						
WELDER 200AMP	116.00	297.00	576.00						
WIRE FEED WELDER	39.00	116.00	232.00						
TOTAL									

Revision 09/06/2022