




**PLANNING & DEVELOPMENT MEMORANDUM**  
**#20-2023**

**DATE:** March 20, 2023

**TO:** Honorable Mayor Meredith Leighty and City Council Members

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

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

**SUBJECT:** CR-51 – Contract Amendment No. 1 with FCI Constructors, Inc. for City Hall Initial Guaranteed Maximum Price

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**PURPOSE**

To consider CR-51, a resolution approving Amending No. 1 to the contract with FCI Constructors, Inc. (FCI), accepting the Initial Guaranteed Maximum Price (IGMP) for construction of the new City Hall.

**BACKGROUND**

On April 11, 2022, City Council entered into a contract with FCI for Construction Manager and General Contractor (CM/GC) services for the implementation of Phase II of the Northglenn Civic Center project, which includes the construction of the new City Hall facility.

The CM/GC project delivery method allows for the City to engage a construction manager during the design process to provide constructability input and cost estimation. It is also known as Construction Manager at Risk (CMAR). This delivery method provides that the CM/GC is compensated on the basis of a “Cost of the Work plus a Contractor’s Fee with a Guaranteed Maximum Price.”

As part of this delivery method, the CM/GC is typically brought on during the design phase, with its scope of involvement being commonly referred to as “preconstruction services.” The contract, at this time, incorporates only preconstruction services, which means that the CM/GC would provide services during the design phase to, ultimately, develop a Final Guaranteed Maximum Price (FGMP). The first step in developing a guaranteed maximum price, as outlined in FCI’s contract, is through the adoption of an IGMP. This IGMP establishes a contractual construction price baseline for the project, where subsequent FGMPs must come under the IGMP value. The FGMP is separated into Partial Guaranteed Maximum Price (PGMP) packages per the American Institute of Architects (AIA) Contract terms.

Amendment No. 1 would establish the IGMP. Once the IGMP is in place, additional contract amendments would establish FGMPs for various stages in the construction process. At this time, staff anticipates three FGMPs, the first of which is being presented with CR-52 following acceptance of this IGMP.

**BUDGET/TIME IMPLICATIONS**

The total budget for the new City Hall facility is \$33,780,000. The breakdown 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

CR-51 would approve Amendment No. 1 to the FCI contract and establish the IGMP for construction of the new City Hall at \$26,494,561. The IGMP is within the \$26.6M budget established for construction of the new building. The IGMP has built-in cost escalation and design and construction contingencies to cover any pricing issues that may arise during the final pricing of the various FGMPs. Once an FGMP is established and approved by City Council, that finalizes the cost for the project.

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-51.

**STAFF REFERENCE**

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

CR-51 – Contract Amendment No. 1 with FCI Constructors, Inc. for City Hall Initial Guaranteed Maximum Price

SPONSORED BY: MAYOR LEIGHTY

COUNCIL MEMBER'S RESOLUTION

RESOLUTION NO.

No. CR-51  
Series of 2023

\_\_\_\_\_  
Series of 2023

A RESOLUTION APPROVING AMENDMENT NO. 1 TO THE CONSTRUCTION MANAGER CONTRACT BETWEEN THE CITY OF NORTHGLENN AND FCI CONSTRUCTORS, INC. FOR PHASE 2 OF THE NORTHGLENN CIVIC CENTER PROJECT

WHEREAS, the City of Northglenn entered into a Construction Manager Contract with FCI Constructors, Inc., effective February 25, 2022, in the amount of \$54,854 for preconstruction services for the implementation of Phase 2 of the Northglenn Civic Center Project; and

WHEREAS, the City desires to amend the Construction Manager Contract with Amendment No. 1 to authorize an additional \$38,093 for preconstruction services and to accept the Initial Guaranteed Maximum Price for the construction of the new City Hall facility.

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

Section 1. Amendment No. 1 to the Construction Manager Contract between the City of Northglenn and FCI Constructors, Inc., attached hereto, authorizing a total amount not to exceed \$92,947.00 for preconstruction services, and establishing the Initial Guaranteed Maximum Price of \$26,494,561.00 for construction of the new City Hall facility 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:

APPROVED AS TO FORM:

\_\_\_\_\_  
JOHANNA SMALL, CMC  
City Clerk

\_\_\_\_\_  
COREY Y. HOFFMANN  
City Attorney

**AIA A133-2019 Amendment No. 1**

**Amendment No. 1 dated March 07, 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 Contractor agree that the Agreement is modified as follows.

**§ 1.1.4** The Owner’s anticipated design and construction milestone dates:

- .1 Design phase milestone dates, if any:  
100% Design Documents Issued – January 18, 2023
- .2 Construction commencement date:  
March 31, 2023
- .3 Substantial Completion date or dates:  
July 31, 2024

**§ 5.1 Compensation**

**§ 5.1** The Preconstruction Phase and Construction Phase may run concurrently. Preconstruction Phase Services are identified as a separate cost, which shall be included as a not-to-exceed amount. For the Construction Manager’s Preconstruction Phase services described in Sections 3.1 and 3.2, the Owner shall compensate the Construction Manager based on the actual services provided by the Construction Manager.

The not to exceed amount for Preconstruction Phase Services is: Ninety-Two Thousand Nine Hundred and Forty-Seven Dollars and Zero Cents (\$92,947)

§ 15.2 The following documents comprise the Agreement:

- .7 Other documents, if any, listed below:  
*(List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201–2017 provides that the advertisement or invitation to bid, Instructions to Bidders, sample forms, the Construction Manager’s bid or proposal, portions of Addenda relating to bidding or proposal requirements, and other information furnished by the Owner in anticipation of receiving bids or proposals, are not part of the Contract Documents unless enumerated in this Agreement. Any such documents should be listed here only if intended to be part of the Contract Documents.)*
- .1 **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;
  - .2 **Attachment B** – Detailed General Conditions costs, (as a not-to-exceed amount)
  - .3 **Attachment C** – Approved Labor Burden Rates;
  - .4 **Attachment D** – Staff Assignment Matrix;
  - .5 **Attachment E** – A list of allowances and unit prices;
  - .6 **Attachment F** – Responsibility Matrix;
  - .7 **Attachment G** – A list of the clarifications and qualifications;
  - .8 **Attachment H** – Project Schedule, including a detailed critical path Construction Schedule;
  - .9 **Attachment I** – Insurance Certificates (*To be provided at FGMP*);
  - .10 **Attachment J** – Approved Lien Waivers Forms (Conditional and Unconditional, Partial and Final) (*To be provided at FGMP*);
  - .11 **Attachment K** – A list of the Drawings and Specifications, including all addenda;
  - .12 **Attachment L** – A list of all Construction Manager provided equipment along with billable rates; and,
  - .13 **Attachment M** – Owner Accepted Alternates (*To be provided at FGMP*).

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OWNER (Signature)

\_\_\_\_\_  
(Printed name and title)

**Bryan Hemeyer**

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CONSTRUCTION MANAGER (Signature)

\_\_\_\_\_  
(Printed name and title)

Digitally signed by Bryan Hemeyer  
DN: C=US,  
E=bhemeyer@fciol.com, O="FCI  
Constructors, Inc.", CN=Bryan  
Hemeyer  
Date: 2023.03.07 13:47:52-07'00'

COST SUMMARY

Issued Date: 8/31/2022  
Submitted Date: 3/3/2023

FIRM NAME: FCI CONSTRUCTORS, INC.

CSI CODE	DESCRIPTION		TOTAL PROJECT COST	BUILDING	SITE
<b>DIRECT COST TOTAL</b>			<b>\$ 21,638,491</b>	<b>\$ 18,273,890</b>	<b>\$ 3,364,643</b>
01	General Requirements (within General Conditions)				
02	Existing Conditions		\$ 68,001	\$ 14,484	\$ 53,517
03	Concrete		\$ 1,273,154	\$ 1,273,196	\$ -
04	Masonry		\$ -	\$ -	\$ -
05	Metals		\$ 556,738	\$ 556,738	\$ -
06	Wood Plastics, and Composites		\$ 3,055,560	\$ 3,055,560	\$ -
07	Thermal and Moisture Protection		\$ 2,306,191	\$ 2,306,191	\$ -
08	Openings		\$ 1,504,323	\$ 1,504,323	\$ -
09	Finishes		\$ 2,624,954	\$ 2,624,954	\$ -
10	Specialties		\$ 494,186	\$ 494,186	\$ -
11	Equipment		\$ 11,320	\$ 11,320	\$ -
12	Furnishings		\$ 45,500	\$ 45,500	\$ -
13	Special Construction		\$ 410,045	\$ 410,045	\$ -
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	\$ 1,683,058	\$ 398,352
27	Communications		\$ 663,864	\$ 663,864	\$ -
28	Electronic Safety and Security		\$ 196,110	\$ 196,110	\$ -
31	Earthwork		\$ 1,061,600	\$ 203,814	\$ 857,786
32	Exterior Improvements		\$ 1,199,619	\$ -	\$ 1,199,619
33	Utilities		\$ 855,369	\$ -	\$ 855,369
<b>GENERAL CONDITIONS TOTAL</b>			<b>\$ 1,651,226</b>	<b>\$ 1,403,542</b>	<b>\$ 247,684</b>
	General Conditions (Not-to-Exceed from Attachment B) (Provide breakout split between Site and Building)	Bldg	\$ 1,651,226	\$ 1,403,542	\$ 247,684
<b>FEE TOTAL (Based on Direct Cost and General Conditions)</b>			<b>\$ 675,402</b>	<b>\$ 570,377</b>	<b>\$ 105,025</b>
	Fee (Overhead & Profit) [2.90%]	2.90%	\$ 675,402	\$ 570,377	\$ 105,025
<b>SUBTOTAL CONSTRUCTION COSTS</b>			<b>\$ 23,965,119</b>	<b>\$ 20,247,809</b>	<b>\$ 3,717,352</b>
<b>OTHER INDIRECTS TOTAL (No fees on these costs)</b>			<b>\$ 2,529,442</b>	<b>\$ 2,136,112</b>	<b>\$ 393,330</b>
	Construction Contingency on Direct Work [3.00%]	3.00%	\$ 649,155	\$ 548,211	\$ 100,944
	Bid/Design Contingency [1.75%]	1.75%	\$ 378,674	\$ 319,790	\$ 58,884
	Anticipated Escalation [2.50%]	2.50%	\$ 540,962	\$ 456,842	\$ 84,120
	Commercial General Liability Insurance [1.14%]	1.14%	\$ 246,679	\$ 208,320	\$ 38,359
	Other Insurances (pollution liability, etc.) [n/a]	0.00%	\$ -	\$ -	\$ -
	Contractor Payment & Performance Bonds [.75%]	0.75%	\$ 162,289	\$ 137,053	\$ 25,236
	Builder's Risk Insurance	0.62%	\$ 134,159	\$ 113,297	\$ 20,862
	Subguard Rate if appropriate [1.50%]	1.50%	\$ 324,577	\$ 274,105	\$ 50,472
	Preconstruction (Not to Exceed from Attachment B)		\$ 92,947	\$ 78,494	\$ 14,453
<b>TOTAL CONSTRUCTION COSTS</b>			<b>\$ 26,494,561</b>	<b>\$ 22,383,921</b>	<b>\$ 4,110,682</b>

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: Northglenn City Hall  
 Estimate Type: Design Development  
 Project Duration: 16 Months  
 Project SF: 32,629  
 Estimator: SR

Revision: 1  
 Printed On: 3/3/23 2:17 PM

LINE ITEMS SHOWN WITH GREEN BACKGROUND ARE INCLUDED IN THE VE EFFORT TO ALIGN THE ESTIMATE WITH THE APPROVED BUDGET OF \$26.5MM

Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT
<b>Division 01 GENERAL REQUIREMENTS</b>					
<b>GENERAL CONDITIONS</b>					
GENERAL REQUIREMENTS - BUILDING	1	LSUM	1,403,542.10	1,403,542	\$43.02
GENERAL REQUIREMENTS - SITE	1	LSUM	247,683.90	247,684	\$7.59
PRECONSTRUCTION FEE		INCL. ON RECAP	0.00	0	\$0.00
WINTER CONDITIONS		INCL. IN DCOW	0.00	0	\$0.00
<b>TOTAL GENERAL CONDITIONS</b>				<b>\$1,651,226</b>	
<b>Total Division 01 GENERAL REQUIREMENTS</b>				<b>\$1,651,226</b>	
<b>Division 02 EXISTING CONDITIONS</b>					
<b>SURVEYING</b>					
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 RAMPS 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	488	LNFT	2.87	1,401	\$0.04
MISC. STAKING	40	MHRS	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
<b>TOTAL SURVEYING</b>				<b>\$68,001</b>	<b>\$2.08</b>
<b>BUILDING DEMOLITION</b>					
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
<b>TOTAL BUILDING DEMOLITION</b>				<b>\$0</b>	<b>\$0.00</b>
<b>Total Division 02 EXISTING CONDITIONS</b>				<b>\$68,001</b>	
<b>Division 03 CONCRETE</b>					
<b>FOUNDATIONS</b>					
CONCRETE FOUNDATIONS PACKAGE			0.00	0	\$0.00
EXTERIOR COLUMN FOOTINGS			0.00	0	\$0.00
GRADE BREAM 2' X 3'	276	SFCA	24.00	6,624	\$0.20
GRADE BREAM 3' X 2'	53	SFCA	24.00	1,272	\$0.04
GRADE BEAMS - CURVED PREMIUM			0.00	0	\$0.00
FORM WALLS - 3' TALL	7,559	SFCA	7.50	56,693	\$1.74
FORM TALL WALLS	3,777	SFCA	9.00	33,993	\$1.04
4" VOID FORM - STORM VOID	1,661	LNFT	13.52	22,457	\$0.69
ELEVATOR PIT SLAB ON VOID - 12" W/DBL MAT REBAR #5	138	SQFT	10.00	1,380	\$0.04
12" VOID FORM - STORM VOID	138	SQFT	5.24	723	\$0.02
PILASTERS & COLUMNS			0.00	0	\$0.00
FORM TALL PILASTERS	1,337	SFCA	15.00	20,055	\$0.61
FORM PILASTERS - 3' TALL	640	SFCA	18.50	11,840	\$0.36
PIER CAPS - 1'-4"X1'-4"X1'-4"	220	SFCA	30.00	6,600	\$0.20
PIER CAPS AT PV SOLAR CANOPY	189	SFCA	45.00	8,505	\$0.26
ROUND COLUMNS	33	LNFT	150.00	4,950	\$0.15
PLACE CONCRETE MATERIAL	363	CUYD	20.00	7,260	\$0.22
PLACE AND TIE REBAR	55.4	TONS	650.00	36,010	\$1.10
REINFORCING MATERIAL	55.4	TONS	1,400.00	77,560	\$2.38
SET ANCHOR BOLTS	300	EACH	25.00	7,500	\$0.23
SHORING AT PLUMBING CHASE	1,268	SQFT	6.00	7,608	\$0.23
FORMWORK CONCRETE MATERIAL	781	CUYD	185.00	144,485	\$4.43
ADMIXTURES & ESCALATION	781	CUYD	22.00	17,182	\$0.53
CONCRETE PUMP - 100%	781	CUYD	23.32	18,213	\$0.56
HANDWORK	7	DAYS	394.60	2,762	\$0.08
LAYOUT	80	MHRS	99.51	7,961	\$0.24
WORKING FOREMAN	3	WEEKS	3,980.26	11,941	\$0.37
FORKLIFT AND FUEL	1	MONTHS	3,350.00	3,350	\$0.10
SKIDSTEER, W/ ATTACHMENTS AND FUEL	1	MONTHS	3,695.00	3,695	\$0.11

Project Name: Northglenn City Hall

Estimate Type: Design Development

Revision: 1

Project Duration: 16 Months

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Project SF: 32,629

Estimator: SR

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Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT
<b>TOTAL FOUNDATIONS</b>				<b>\$520,619</b>	<b>\$15.96</b>
<b>INTERIOR FLATWORK</b>					
FLATWORK			0.00	0	\$0.00
TOPPING SLAB ON CLT - 3.5" W/#3 REBAR AT 18" O.C.E.W.	17,664	SQFT	2.05	36,211	\$1.11
FORM EDGES		INCLUDED	0.00	0	\$0.00
SOUND-DEADENING ACOUSTIC MAT	17,664	SQFT	1.65	29,146	\$0.89
RTU EQUIPMENT PADS	241	SQFT	5.50	1,326	\$0.04
STRUCTURAL SLAB - 10" SLAB ON VOID W/6 LBS PER SQFT REBAR DOUBLE MAT	13,732	SQFT	5.95	81,705	\$2.50
12" VOID FORM	13,732	SQFT	5.54	76,075	\$2.33
1/8" MASONITE	13,732	SQFT	0.50	6,866	\$0.21
FORM EDGES		INCLUDED	0.00	0	\$0.00
TIE REBAR		INCLUDED	0.00	0	\$0.00
STRUCTURAL SLAB - 11" SLAB ON VOID W/6 LBS PER SQFT REBAR DOUBLE MAT	1,664	SQFT	5.50	9,152	\$0.28
12" VOID FORM	1,664	SQFT	5.54	9,219	\$0.28
1/8" MASONITE	1,664	SQFT	0.50	832	\$0.03
FORM EDGES		INCLUDED	0.00	0	\$0.00
TIE REBAR		INCLUDED	0.00	0	\$0.00
THICKENED EDGES AT STRUCTURAL SLAB	264	LNFT	25.00	6,600	\$0.20
STAIR TOPPINGS	416	SQFT	8.00	3,328	\$0.10
4" SLAB ON GEO-FOAM	1,703	SQFT	22.25	37,892	\$1.16
MAIN LOBBY AREA STEPS - 6"	1	LSUM	7,200.00	7,200	\$0.22
SET RAILS FOR MOBILE HI-DENSITY STORAGE IN SLAB	276	LNFT	33.01	9,111	\$0.28
BLOCKOUTS	65	EACH	150.00	9,750	\$0.30
FINE GRADING	15,396	SQFT	0.15	2,309	\$0.07
VAPOR BARRIER - 15 MIL	17,705	SQFT	0.64	11,331	\$0.35
EXPANSION MATERIAL, CURE AND MISC. ACCESSORIES	15,396	SQFT	0.15	2,309	\$0.07
SAWCUTTING		INCLUDED	0.00	0	\$0.00
REINFORCING MATERIAL	51	TONS	1,400.00	71,400	\$2.19
REBAR ACCESSORIES AND CHAIRS	1	LSUM	9,500.00	9,500	\$0.29
STUDRAILS AT GLULAM COLUMNS	1	LSUM	7,700.00	7,700	\$0.24
GEO-FOAM AT RAMPS AND STEPS	1,703	SQFT	5.75	9,792	\$0.30
DRILL AND DOWEL	100	EACH	13.40	1,340	\$0.04
FLATWORK CONCRETE MATERIAL	582	CUYD	185.00	107,670	\$3.30
ELEVATED SLAB ON CLT	254	CUYD	185.00	46,990	\$1.44
ADMIXTURES & ESCALATION	836	CUYD	22.00	18,392	\$0.56
CONCRETE PUMP - 100%	836	CUYD	25.00	20,900	\$0.64
<b>TOTAL INTERIOR FLATWORK</b>				<b>\$634,046</b>	<b>\$19.43</b>
<b>CONCRETE MISCELLANEOUS</b>					
DAILY CLEAN-UP - CONCRETE	6	WEEKS	1,839.94	11,040	\$0.34
UNLOAD & DISTRIBUTE REBAR	48	MHRS	66.01	3,168	\$0.10
SAFETY EQUIPMENT - CONCRETE	1	LSUM	1,500.00	1,500	\$0.05
GROUT ANCHOR BOLTS	781	EACH	51.96	40,581	\$1.24
GROUT COLUMNS & BEAMS	65	EACH	51.96	3,377	\$0.10
BLANKETS ON FOOTINGS	250	SQFT	0.37	93	\$0.00
BLANKETS ON FOUNDATION WALLS	5,576	SQFT	0.50	2,788	\$0.09
BLANKETS ON SLABS	31,396	SQFT	0.50	15,698	\$0.48
HEAT UNDERSIDE OF DECKS	17,664	SQFT	0.38	6,712	\$0.21
ENCLOSE AREA FOR SLAB HEATING	32,629	SQFT	0.55	17,946	\$0.55
DUMPSTERS	4	EACH	500.00	2,000	\$0.06
ECO PANS - 2.5 CUYD	30	EACH	400.00	12,000	\$0.37
MISC. EQUIPMENT	1	LSUM	1,399.12	1,399	\$0.04
<b>TOTAL CONCRETE MISCELLANEOUS</b>				<b>\$118,302</b>	<b>\$3.63</b>
<b>Total Division 03 CONCRETE</b>				<b>\$1,272,967</b>	
<b>Division 04 MASONRY</b>					
<b>UNIT MASONRY</b>					
NO WORK ANTICIPATED			0.00	0	\$0.00
<b>TOTAL UNIT MASONRY</b>				<b>\$0</b>	<b>\$0.00</b>
<b>MASONRY MISCELLANEOUS</b>					
NO WORK ANTICIPATED			0.00	0	\$0.00
<b>TOTAL MASONRY MISCELLANEOUS</b>				<b>\$0</b>	<b>\$0.00</b>
<b>Total Division 04 MASONRY</b>				<b>\$0</b>	
<b>Division 05 METALS</b>					
<b>STRUCTURAL STEEL</b>					
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
<b>TOTAL STRUCTURAL STEEL</b>				<b>\$322,605</b>	<b>\$9.89</b>
<b>STEEL FABRICATIONS</b>					
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



Project Name: Northglenn City Hall

Estimate Type: Design Development

Revision: 1

Project Duration: 16 Months

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Project SF: 32,629

Estimator: SR

LINE ITEMS SHOWN WITH GREEN BACKGROUND ARE INCLUDED IN THE VE EFFORT TO ALIGN THE ESTIMATE WITH THE APPROVED BUDGET OF \$26.5MM

Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT
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	80	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
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
<b>TOTAL STEEL FABRICATIONS</b>				<b>\$234,133</b>	<b>\$7.18</b>
<b>Total Division 05 METALS</b>				<b>\$556,738</b>	

**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
<b>TOTAL ROUGH CARPENTRY AND CLT GLULAM STRUCTURE</b>				<b>\$2,556,410</b>	<b>\$78.35</b>

**ARCHITECTURAL MILLWORK**

MILLWORK PACKAGE			0.00	0	\$0.00
COUNCIL CHAMBERS RADIUS CABINETS - 3'-0" WIDE	35	LNFT	675.00	23,625	\$0.72
COUNCIL CHAMBERS RADIUS LOWER SECTION - 3'-0" WIDE	31	LNFT	660.00	20,460	\$0.63
BULLET RESIST PANEL CHAMBERS UPPER		INCLUDED	0.00	0	\$0.00
BULLET RESIST PANEL CHAMBERS LOWER		INCLUDED	0.00	0	\$0.00
RADIUS QUARTZ COUNTERTOP AND BACKSPLASH	531	SQFT	225.00	119,475	\$3.66
REDUCE QUARTZ COUNTERTOP AT RADIUS MILLWORK MOVED TO ALTERNATES	(56)	SQFT	225.00	(12,600)	-\$0.39
CHAMBERS, TRANS LOBBY, INSPCT DESK,		INCLUDED	0.00	0	\$0.00
TRANSACTION LOBBY		INCLUDED	0.00	0	\$0.00
INSPECTORS DESK AT OPEN WORK AREA 210		INCLUDED	0.00	0	\$0.00

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Estimate Type: Design Development

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Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT
QUARTZ COUNTERTOP W/BRACING	213	SQFT	255.00	54,315	\$1.66
QUARTZ WATERFALL	61	SQFT	225.00	13,725	\$0.42
SOLID SURFACE VANITY COUNTER	22	LNFT	215.00	4,730	\$0.14
SOLID SURFACE WALL CAP AT UPPER LOBBY KNEE WALL	80	LNFT	125.00	10,000	\$0.31
WOOD PANEL VENEER AT COUNCIL CHAMBERS RAMP WD-4	497	SQFT	85.00	42,245	\$1.29
WOOD PANEL VENEER AT LOBBY ART WALLS	673	SQFT	85.00	57,205	\$1.75
MAIL 117 P.LAM-2 BASE, P.LAM-1 C-TOP	16	LNFT	275.00	4,400	\$0.13
MAIL 117P.LAM -2 MAIL SLOTS	6	LNFT	155.00	930	\$0.03
SEC. VEST. 101A WALL DISPLAY CASE, GLASS AND WD-2	5	LNFT	255.00	1,275	\$0.04
RECEPTION 104A TRANSACTION COUNTER AND DIE WALL	21	LNFT	350.00	7,350	\$0.23
P.LAM BASE/UPPER MAIL ROOM SOLID SURFACE C-TOP	8	LNFT	375.00	3,000	\$0.09
P.LAM BASE/UPPER WITH SOLID SURFACE C-TOP	29	LNFT	525.00	15,225	\$0.47
P.LAM BASE/UPPER WITH QUARTZ C-TOP	12	LNFT	525.00	6,300	\$0.19
P.LAM 2 FULL HEIGHT CABINETS CIRC. 116, OPEN AREA WORK 210, CIRC. 221	33	LNFT	425.00	14,025	\$0.43
MOVE TO ALTERNATES P.LAM 2 FULL HEIGHT CABINETS	(33)	LNFT	425.00	(14,025)	-\$0.43
P.LAM. 2 INSPCT+PERMIT DESK, N.S. OFFICE FENIX J0032 BIANCO KOS	74	LNFT	325.00	24,050	\$0.74
MOVE TO ALTERNATES P.LAM. 2 INSPCT+PERMIT DESK, N.S. OFFICE	(74)	LNFT	325.00	(24,050)	-\$0.74
P.LAM. 2 RADIUS RECEPTION N.S OFFICERS	56	SQFT	455.00	25,480	\$0.78
MOVE TO ALTERNATES P.LAM. 2 RADIUS RECEPTION N.S OFFICERS	(56)	SQFT	455.00	(25,480)	-\$0.78
P.LAM 1 BASE /UPPER CIRCULATION, OPEN WORK	52	LNFT	255.00	13,260	\$0.41
BREAK 260 P.LAM CABINETS W/WD2 COUNTERTOP	14	LF	425.00	5,950	\$0.18
BREAK 260 ISLAND P.LAM CABINETS W/SOLID WOOD RADIUS C-TOP	1	ALLOWANCE	25,000.00	25,000	\$0.77
BREAK 260 BENCH SEATING	12	LNFT	225.00	2,700	\$0.08
MOVE TO ALTERNATES BREAK 260 BENCH SEATING	(12)	LNFT	225.00	(2,700)	-\$0.08
FB-3 HBF TEXTILE, NIGHT EARTH 1013/63 TORONTO AT PLINTH BENCH SEATING	85	SQFT	75.00	6,375	\$0.20
FB-3 MATERIAL TBD - FABRIC	30	SQFT	75.00	2,250	\$0.07
WOOD BASE, CIRCULATION, OFFICE ENTRANCES, SOLID WOOD MATCH WD-1	927	LNFT	15.00	13,905	\$0.43
ADD STAIR GUARDRAIL PLYWOOD VENEER - WHITEWASHED FINISH	156	LNFT	125.00	19,500	\$0.60
ADD PLYWOOD VENEER AT LOBBY WALL BETWEEN FLOORS - WHITEWASHED FINISH	777	SQFT	40.00	31,080	\$0.95
PROTECT CASEWORK AFTER INSTALL	2,236	LNFT	4.02	8,989	\$0.28
CAULK CASEWORK / COUNTERTOPS	1	LSUM	1,306.12	1,306	\$0.04
<b>TOTAL ARCHITECTURAL MILLWORK</b>				<b>\$499,275</b>	<b>\$15.30</b>
<b>Total Division 06 WOOD &amp; PLASTIC</b>				<b>\$3,055,685</b>	

**Division 07 THERMAL & MOISTURE PROTECTION**

**DAMP-PROOFING AND WATERPROOFING**

BITUMINOUS DAMPPROOFING	1,415	SQFT	1.80	2,547	\$0.08
FOUNDATION INSULATION	3,604	SQFT	2.00	7,208	\$0.22
SHEET WATER PROOFING AT TALL FOUNDATION WALLS	2,189	SQFT	10.00	21,890	\$0.67
SHEET WATERPROOFING AT ELEVATOR PIT	165	SQFT	15.00	2,475	\$0.08
SHEET WATERPROOFING AT PLUMBING CHASE	533	SQFT	15.00	7,995	\$0.25
DRAINAGE BOARD	3,604	SQFT	2.00	7,208	\$0.22
PREP, FOUNDATIONS	3,604	SQFT	0.13	469	\$0.01
<b>TOTAL DAMPPROOFING AND WATERPROOFING</b>				<b>\$49,792</b>	<b>\$1.53</b>

**THERMAL AND SOUND INSULATION**

INSULATION PACKAGE			0.00	0	\$0.00
6" WALL THERMAL BATTS	18,387	SQFT	1.18	21,697	\$0.66
2.5" MINERAL WOOL BOARD INSULATION AT WOOD WALL PANELS		W/WALL PANEL	0.00	0	\$0.00
2.5" MINERAL WOOL BOARD INSULATION AT METAL WALL PANELS		W/WALL PANEL	0.00	0	\$0.00
2.5" MINERAL WOOL BOARD INSULATION AT SOFFIT PANELS		W/WALL PANEL	0.00	0	\$0.00
ACOUSTICAL SOUND BATTS - WALLS		W/ DRYWALL	0.00	0	\$0.00
LIQUID WEATHER BARRIER	23,458	SQFT	4.25	99,697	\$3.06
FIRE-RETARDANT, REINFORCED POLYETHYLENE VAPOR RETARDER		W/DRYWALL	0.00	0	\$0.00
AIR INFILTRATION FOAM AT OPENINGS	32,629	SQFT	0.05	1,631	\$0.05
<b>TOTAL THERMAL AND SOUND INSULATION</b>				<b>\$123,025</b>	<b>\$3.77</b>

**FIRE STOPPING**

FIRE STOPPING - FLOOR SLAB EDGE	932	LNFT	15.00	13,980	\$0.43
FIRE STOPPING - 1 HR WALLS	350	LNFT	5.00	1,750	\$0.05
PENETRATIONS		W/TRADES	0.00	0	\$0.00
MISC. FIRESTOPPING	40	MHRS	81.01	3,240	\$0.10
<b>TOTAL FIRE STOPPING</b>				<b>\$18,970</b>	<b>\$0.58</b>

**SPECIALTY WALL PANELS**

ARBOR WOOD T&G VERTICAL WOOD PANEL SIDING	3,385	SQFT	57.75	195,484	\$5.99
HAT CHANNEL SUB-FRAMING	3,385	SQFT	3.00	10,155	\$0.31
WEATHER BARRIER		W/INSULATION	0.00	0	\$0.00
<b>TOTAL SPECIALTY WALL PANELS</b>				<b>\$205,639</b>	<b>\$6.30</b>

**METAL ROOFING & WALL PANELS**

MP-1 NEDZINK INTERLOCKING WALL PANELS	11,453	SQFT	66.63	763,113	\$23.39
2.5" MINERAL WOOL INSULATION		INCLUDED	0.00	0	\$0.00
THERMAL BREAK Z-GIRT		INCLUDED	0.00	0	\$0.00
3" ALUMINUM Z-GIRT FOR AIR SPACE		INCLUDED	0.00	0	\$0.00
MP-2 ZINC FORMED METAL WALL PANELS	2,411	SQFT	95.18	229,479	\$7.03
2.5" MINERAL WOOL INSULATION		INCLUDED	0.00	0	\$0.00
THERMAL BREAK Z-GIRT		INCLUDED	0.00	0	\$0.00
HAT CHANNEL SUB-FRAMING		INCLUDED	0.00	0	\$0.00
MP-3 PERFORATED ZINC FORMED METAL ROOF SCREEN PANELS	809	SQFT	59.75	48,338	\$1.48
SUB-FRAMING BY OTHERS		INCLUDED	0.00	0	\$0.00
MP-4 PAINTED CONCEALED FASTENER METAL WALL PANELS	123	SQFT	151.07	18,582	\$0.57
2.5" MINERAL WOOL INSULATION		INCLUDED	0.00	0	\$0.00
THERMAL BREAK Z-GIRT		INCLUDED	0.00	0	\$0.00

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Description	Quantity	Unit	\$	Total \$	\$ per SQFT
3" ALUMINUM Z-GIRT FOR AIR SPACE		INCLUDED	0.00	0	\$0.00
MP-5 ZINC FORMED METAL WALL PANELS	1,015	SQFT	95.18	96,608	\$2.96
2.5" MINERAL WOOL INSULATION		INCLUDED	0.00	0	\$0.00
THERMAL BREAK Z-GIRT		INCLUDED	0.00	0	\$0.00
HAT CHANNEL SUB-FRAMING		INCLUDED	0.00	0	\$0.00
NEDZINK SOFFIT PANELS - VESTIBULES	445	SQFT	79.03	35,168	\$1.08
ATTACHED TO METAL STUD FRAMING BY OTHERS - NO INSULATION		INCLUDED	0.00	0	\$0.00
NEDZINK SOFFIT PANELS - EXTERIOR	1,686	SQFT	90.27	152,195	\$4.66
Z FURRING AND SUBSTRATES		INCLUDED	0.00	0	\$0.00
2.5" MINERAL WOOL BOARD INSULATION AT SOFFIT PANELS		INCLUDED	0.00	0	\$0.00
REVISE MP 3, 5 PROFILE TO ATAS STD WITH BUILT IN WINDLOCK	(1)	LSUM	50,000.00	(50,000)	-\$1.53
<b>TOTAL METAL ROOFING &amp; WALL PANELS</b>				<b>\$1,293,483</b>	<b>\$39.64</b>

**MEMBRANE ROOFING**

MEMBRANE ROOFING			0.00	0	\$0.00
60 MIL TPO, FULLY ADHERED	15,896	SQFT	25.50	405,348	\$12.42
R-30 INSULATION		INCLUDED	0.00	0	\$0.00
1/4" COVERBOARD		INCLUDED	0.00	0	\$0.00
VAPOR BARRIER		INCLUDED	0.00	0	\$0.00
UL CLASS A AND FM GLOBAL I-90 REQUIREMENTS		INCLUDED	0.00	0	\$0.00
20-YEAR WARRANTY		INCLUDED	0.00	0	\$0.00
RUBBER WALK PADS	150	EACH	30.00	4,500	\$0.14
BALLASTED WASHED RIVERBED ROCK AT LOW ROOF - 1 1/2" - 2 1/2" AGGREGATE	2,694	SQFT	19.00	51,186	\$1.57
FLASHING AND SHEET METAL PACKAGE			0.00	0	\$0.00
GENERAL ROOF FLASHING	32,629	SQFT	1.50	48,944	\$1.50
12" ZINC COPING CAP TO MATCH METAL PANELS	236	LNFT	40.00	9,440	\$0.29
12" ZINC SCREEN WALL CAP AT RETAINING WALL SCREEN	99	LNFT	40.00	3,960	\$0.12
14" ZINC COPING CAP TO MATCH METAL PANELS	643	LNFT	45.00	28,935	\$0.89
MISC. ROOF FLASHINGS	1	LSUM	3,500.00	3,500	\$0.11
MISC. FLASHINGS	1	LSUM	2,500.00	2,500	\$0.08
ROOF PROTECTION/PATCH AND REPAIR	1	LSUM	7,500.01	7,500	\$0.23
SAFETY MEASURES FOR ROOFING / LEADING EDGE PROTECTION	1	LSUM	3,679.87	3,680	\$0.11
SHARPS CLEAN-UP	40	MHRS	46.00	1,840	\$0.06
DUMPSTERS	3	EACH	500.00	1,500	\$0.05
<b>TOTAL MEMBRANE ROOFING</b>				<b>\$572,833</b>	<b>\$17.56</b>

**ROOF ACCESSORIES**

ROOF ACCESS HATCH 30"X36" W/ LADDER UP	1	EACH	1,850.00	1,850	\$0.06
HOISTING	1	EACH	139.91	140	\$0.00
BLOCKING	1	EACH	77.00	77	\$0.00
FLOOR HATCH AT PLUMBING CHASE	1	EACH	4,500.00	4,500	\$0.14
INSTALLATION	1	LSUM	632.01	632	\$0.02
<b>TOTAL ROOF ACCESSORIES</b>				<b>\$7,199</b>	<b>\$0.22</b>

**JOINT SEALANTS**

BUILDING JOINT SEALANTS	32,629	SQFT	0.67	21,861	\$0.67
SITE JOINT SEALANTS	1	LSUM	10,000.00	10,000	\$0.31
MISC. CAULKING	40	MHRS	81.01	3,240	\$0.10
<b>TOTAL JOINT SEALANTS</b>				<b>\$35,101</b>	<b>\$1.08</b>

Total Division 07 THERMAL & MOISTURE PROTECTION

\$2,306,042

**Division 08 DOORS & WINDOWS**

**HOLLOW METAL DOORS & FRAMES**

<b>HOLLOW METAL FRAMES AND DOORS</b>			0.00	0	\$0.00
SINGLE HM DOOR FRAME 3'X9'-0"	77	EACH	500.00	38,500	\$1.18
DBL HM DOOR FRAME 6'X9'-0"	9	EACH	650.00	5,850	\$0.18
DBL HM DOOR FRAME 6'X10'-0"	3	EACH	1,300.00	3,900	\$0.12
SIDELIGHT PREMIUM 1'X9'-0"	7	EACH	225.00	1,575	\$0.05
HOLLOW METAL DOORS - 3'X7'-0"	18	EACH	750.00	13,500	\$0.41
DBL FULL LITE HM DOOR - 3'X10"	6	EACH	1,125.00	6,750	\$0.21
BALLISTIC RATED FRAMES	10	EACH	2,500.00	25,000	\$0.77
<b>WOOD DOORS</b>			0.00	0	\$0.00
SOLID CORE WOOD DOORS - 3'X9'-0"	89	EACH	550.00	48,950	\$1.50
MAPLE PLAIN SLICED		INCLUDED	0.00	0	\$0.00
FACTORY FINISHED		INCLUDED	0.00	0	\$0.00
BALLISTIC RATED DOORS	10	EACH	2,100.00	21,000	\$0.64
SOLID CORE WOOD DOORS - 3'X10'-0"	4	EACH	750.00	3,000	\$0.09
BARN DOORS AT COMMUNITY ROOM	2	EACH	3,300.00	6,600	\$0.20
<b>DOOR HARDWARE</b>			0.00	0	\$0.00
DOOR HARDWARE	89	SET	715.00	63,635	\$1.95
BARN DOOR HARDWARE	1	SET	1,500.00	1,500	\$0.05
BALLISTIC RATED HARDWARE	13	EACH	4,000.00	52,000	\$1.59
PREMIUM FOR ELECTRIFIED HARDWARE	25	SET	600.00	15,000	\$0.46
CLOSER	10	EACH	330.00	3,300	\$0.10
VERTICAL ROD PANIC	1	EACH	1,250.00	1,250	\$0.04
ELECTRIFIED VERTICAL ROD PANIC	4	EACH	2,000.00	8,000	\$0.25
<b>TOTAL HOLLOW METAL DOORS &amp; FRAMES</b>				<b>\$319,310</b>	<b>\$9.79</b>

**DOOR/FRAME/HARDWARE INSTALLATION**

DOOR / FRAME / HARDWARE INSTALLATION	89	EACH	350.00	31,150	\$0.95
CLOSER PREMIUM	10	EACH	75.00	750	\$0.02
PANIC PREMIUM	5	EACH	100.00	500	\$0.02
DOOR PROTECTION	89	EACH	25.44	2,264	\$0.07
UNLOAD, SORT AND STOCK FRAMES AND DOORS	219	EACH	13.44	2,943	\$0.09

Project Name: Northglenn City Hall  
 Estimate Type: Design Development  
 Project Duration: 16 Months  
 Project SF: 32,629  
 Estimator: SR

Revision: 1  
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LINE ITEMS SHOWN WITH GREEN BACKGROUND ARE INCLUDED IN THE VE EFFORT TO ALIGN THE ESTIMATE WITH THE APPROVED BUDGET OF \$26.5MM

Description	Quantity	Unit \$	Total \$	\$ per SQFT
MISC. PREP FOR HM FRAMES AND DOORS	48 MHRS	66.01	3,168	\$0.10
<b>TOTAL DOOR/FRAME/HARDWARE INSTALLATION</b>			<b>\$40,775</b>	<b>\$1.25</b>
<b>ACCESS DOORS</b>				
ACCESS DOORS	1 LSUM	6,700.00	6,700	\$0.21
<b>TOTAL ACCESS DOORS</b>			<b>\$6,700</b>	<b>\$0.21</b>
<b>OVERHEAD DOORS</b>				
NO WORK ANTICIPATED		0.00	0	\$0.00
<b>TOTAL OVERHEAD DOORS</b>			<b>\$0</b>	<b>\$0.00</b>
<b>SKYLIGHTS/SOLATUBES</b>				
NO WORK ANTICIPATED		0.00	0	\$0.00
<b>TOTAL SKYLIGHTS/SOLATUBES</b>			<b>\$0</b>	<b>\$0.00</b>
<b>ALUMINIUM STOREFRONT, GLAZING AND WINDOWS</b>				
ALUMINIUM STOREFRONTS & ENTRY PACKAGE		0.00	0	\$0.00
EXTERIOR ALUMINIUM STOREFRONT WINDOWS	4,377 SQFT	85.00	372,045	\$11.40
ALUMINIUM STOREFRONT IN LIEU OF FOLDING GLASS DOORS 100.2,130.2,131.2	279 SQFT	85.00	23,715	\$0.73
EXTERIOR FINISH COLORS: BRONZE ANODIZED	INCLUDED	0.00	0	\$0.00
EXTERIOR GLAZING UNITS - VIRACON VNE-63	INCLUDED	0.00	0	\$0.00
DOUBLE THERMAL BREAK	INCLUDED	0.00	0	\$0.00
INTERIOR STOREFRONT AND GLAZING		0.00	0	\$0.00
INTERIOR ALUMINIUM STOREFRONT	328 SQFT	57.50	18,860	\$0.58
3/4" BUTT-GLAZED GLASS WALL AT CONFERENCE ROOM 259 - 12'-6" H	517 SQFT	52.00	26,884	\$0.82
3/8" BUTT-GLAZED GLASS WALLS AT OFFICES/CONFERENCE ROOMS	2,241 SQFT	45.00	100,845	\$3.09
3/4" GLASS PARTITION/ROOM DIVIDER AT OPEN WORK AREA 210	124 SQFT	75.00	9,300	\$0.29
PRIVACY FILM	1 LSUM	36,000.00	36,000	\$1.10
ORANGE COLORED FILM AT CONFERENCE ROOM 259	1 LSUM	4,000.00	4,000	\$0.12
LEVEL 3 BALLISTIC RATED GLAZING	1 LSUM	221,172.00	221,172	\$6.78
TRANSACTION LOBBY - 1ST LEVEL	INCLUDED	0.00	0	\$0.00
PUBLIC FOYER - 2ND LEVEL	INCLUDED	0.00	0	\$0.00
EXTERIOR/VESTIBULE 3' x 10'-0"- ALUMINIUM DOORS	6 EACH	6,400.00	38,400	\$1.18
EXTERIOR/VESTIBULE 3' x 9'-0"- ALUMINIUM DOORS	4 EACH	6,200.00	24,800	\$0.76
EXT. 3' X 9'-0" ALUMINIUM DOORS IN LIEU OF LA CANTINA DOORS 100.2,130.2,131.2	3 EACH	6,200.00	18,600	\$0.57
ALL GLASS PAIR DOORS AT SECURITY VESTIBULE - 3' x 10'	4 EACH	8,500.00	34,000	\$1.04
HARDWARE FOR ALL GLASS DOORS	4 EACH	6,500.00	26,000	\$0.80
INTERIOR 3' x 9'-9" - WIDE STYLE STOREFRONT DOORS	1 EACH	4,400.00	4,400	\$0.13
INTERIOR 3' x 9'-9" - BALLISTIC RATED STOREFRONT DOORS	2 EACH	9,500.00	19,000	\$0.58
STOREFRONT DOOR HARDWARE	11 ALLOWANCE	5,500.00	60,500	\$1.85
STOREFRONT DOOR HARDWARE FOR ADDED 3' X 9'-0" DOORS 100.2,130.2,131.2	3 ALLOWANCE	5,500.00	16,500	\$0.51
BALLISTIC RATED DOOR HARDWARE	2 EACH	7,500.00	15,000	\$0.46
FOLDING GLASS PARTITIONS - EXTERIOR	IN DIV. 10	0.00	0	\$0.00
HC OPERATOR	4 SET	4,500.00	18,000	\$0.55
ALUMINIUM BREAK METAL AND FLASHING	1 LSUM	15,000.00	15,000	\$0.46
DOOR/SIDELIGHT GLAZING	1 LSUM	13,571.00	13,571	\$0.42
AAMA 501.3 SPRAY TESTS	3 EACH	3,500.00	10,500	\$0.32
FINAL GLASS CLEANING	26,112 SQFT	0.25	6,528	\$0.20
UNLOAD AND SORT WINDOWS	1 LSUM	3,918.35	3,918	\$0.12
<b>TOTAL ALUMINIUM STOREFRONT, GLAZING AND WINDOWS</b>			<b>\$1,137,538</b>	<b>\$34.86</b>
<b>Total Division 08 DOORS &amp; WINDOWS</b>			<b>\$1,504,323</b>	

**Division 09 FINISHES**

**DRYWALL**

DRYWALL PACKAGE		0.00	0	\$0.00
COLD FORMED FRAMING		0.00	0	\$0.00
6" EXTERIOR WELDED W/ GLASS MAT AND DRYWALL	11,565 SQFT	24.85	287,390	\$8.81
CURVED WALLS AND HEADERS	7,870 SQFT	29.28	230,434	\$7.06
PARAPET WALL FRAMING	1,148 SQFT	27.96	32,098	\$0.98
EXTERIOR STUD FRAMING AT SOFFIT	1,686 SQFT	16.25	27,398	\$0.84
DELEGATED DESIGN	1 LSUM	10,000.00	10,000	\$0.31
INTERIOR NON LOAD BEARING WALLS		0.00	0	\$0.00
FRAMED WALLS W/ GYP ON BOTH SIDES	41,777 SQFT	12.47	520,959	\$15.97
SHAFTWALL AT ELEVATOR	1,312 SQFT	17.09	22,422	\$0.69
CURVED WALLS AND SOFFITS	5,536 SQFT	22.38	123,896	\$3.80
BALLISTIC PANELS - 3', 4', 6'	3,726 SQFT	48.37	180,227	\$5.52
FURRED WALLS WITH ONE SIDE GYP BOARD	4,443 SQFT	8.00	35,544	\$1.09
SOUND BATTS	56,794 SQFT	0.85	48,275	\$1.48
DROP CEILING METAL FRAMING	1,610 SQFT	12.00	19,320	\$0.59
LEVEL 4 FINISH	INCLUDED	0.00	0	\$0.00
LEVEL 5 FINISH PREMIUM	1 LSUM	21,000.00	21,000	\$0.64
TILE BACKER BOARD	INCLUDED	0.00	0	\$0.00
MISC. PATCHING	160 MHRS	75.00	12,000	\$0.37
LAYOUT OF WALLS	60,190 SQFT	0.13	7,825	\$0.24
<b>TOTAL DRYWALL</b>			<b>\$1,578,788</b>	<b>\$48.39</b>

**FLOORING**

<b>TILING</b>		0.00	0	\$0.00
CT-1 LOBBY/MAIN STAIR AREA ERGON STONE PROJECT GRAY FALDA NAT	3,303 SQFT	14.80	48,884	\$1.50
CT-1 AT BREAK 260 ISLAND WALLS	129 SQFT	14.80	1,909	\$0.06
BASE CT-3 LOBBY/MAIN STAIR AREA	393 LNFT	14.80	5,816	\$0.18
CT-2 BATHROOM FLOORS ERGON STONE PROJECT WHITE FALDA NAT	782 SQFT	16.27	12,723	\$0.39
CT-2 BATHROOM WALLS ERGON STONE PROJECT WHITE FALDA NAT	1,331 SQFT	14.09	18,754	\$0.57
BASE CT-4 BATHROOMS / SCHLUETER TRIM	372 LNFT	14.09	5,241	\$0.16
TILE AT MAIN STAIR TREAD, RISER AND LANDINGS	299 SQFT	21.68	6,482	\$0.20

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Description	Quantity	Unit \$	Total \$	\$ per SQFT
DECORATIVE TILE - BACKSPLASH AT SERVERIES AND BREAK ROOM	50 SQFT	32.00	1,600	\$0.05
WATERPROOF MEMBRANE	4,085 SQFT	4.00	16,340	\$0.50
EPOXY GROUT	6,310 SQFT	2.75	17,353	\$0.53
GROUT SEALER	6,310 SQFT	0.45	2,840	\$0.09
FLOOR PREP	3,303 SQFT	0.18	595	\$0.02
FLOOR PROTECTION	3,303 SQFT	0.35	1,156	\$0.04
MOISTURE MITIGATION SYSTEM AT LEVEL 1 FLOOR TILE ONLY	2,992 SQFT	6.00	17,952	\$0.55
<b>CARPET</b>		0.00	0	\$0.00
CARPET TILE	2,415 SQYD	57.50	138,863	\$4.26
GOAL TO MEET \$50/SY	2,415 SQYD	-7.50	(18,113)	-\$0.56
WALK-OFF CARPET	139 SQFT	45.00	6,255	\$0.19
MOISTURE TEST (BASED ON 1 / 1000 SF)	22 EACH	150.00	3,300	\$0.10
MOISTURE PROTECTION	NOT INCLUDED	0.00	0	\$0.00
FLOOR PREP	21,735 SQFT	0.18	3,912	\$0.12
FLOOR PROTECTION	21,735 SQFT	0.35	7,607	\$0.23
<b>RESILIENT FLOORING</b>		0.00	0	\$0.00
LUXURY VINYL TILE AT BREAK AREAS	437 SQFT	7.50	3,278	\$0.10
LUXURY VINYL TILE AT SERVERY	89 SQFT	7.50	668	\$0.02
4" RUBBER BASE	4,819 LNFT	3.00	14,457	\$0.44
RUBBER FLOOR STAIR TREADS AND LANDING AT NORTH STAIR	237 SQFT	28.00	6,636	\$0.20
MOISTURE TEST (BASED ON 1 / 1000 SF)	5 EACH	150.00	750	\$0.02
FLOOR PREP AND FLOAT	674 SQFT	0.91	613	\$0.02
FLOOR PROTECTION	674 SQFT	0.35	236	\$0.01
MOISTURE MITIGATION SYSTEM AT LEVEL 1 LVT ONLY	432 SQFT	6.00	2,592	\$0.08
<b>TOTAL FLOORING</b>			<b>\$328,699</b>	<b>\$10.07</b>
<b>SEALED CONCRETE</b>				
SC-1 RECORDS, STORAGE, ELECTRICAL ROOMS	3,367 SQFT	1.48	4,983	\$0.15
FLOOR PREP AND FLOAT	3,367 SQFT	0.91	3,064	\$0.09
FLOOR PROTECTION	3,367 SQFT	0.35	1,178	\$0.04
<b>TOTAL SEALED CONCRETE</b>			<b>\$9,225</b>	<b>\$0.28</b>
<b>TERRAZZO FLOORING</b>				
TERRAZZO COATING AT MAIN STAIR PLINTH	244 SQFT	28.00	6,832	\$0.21
VERTICAL APPLICATION TO PLINTH	156 SQFT	28.00	4,368	\$0.13
PROTECT PLINTH PRIOR TO TERRAZZO APPLICATION	400 SQFT	1.34	536	\$0.02
CAULK JOINTS	1 LSUM	1,750.00	1,750	\$0.05
MOISTURE PROTECTION	NOT INCLUDED	0.00	0	\$0.00
FLOOR PREP	400 SQFT	0.18	72	\$0.00
FLOOR PROTECTION	400 SQFT	1.17	468	\$0.01
<b>TOTAL TERRAZZO FLOORING</b>			<b>\$14,026</b>	<b>\$0.43</b>
<b>ACOUSTICAL CEILINGS</b>				
ACOUSTICAL CEILING		0.00	0	\$0.00
APC-1 CERTAINTED SYMPHONY WHITE TILE W/NARROW REVEAL 9/16" GRID	9,079 SQFT	7.00	63,553	\$1.95
SUSPENDED ACOUSTICAL CEILING BAFFLES		0.00	0	\$0.00
LBC-1 HUNTER DOUGLAS HEARTFELT - MIDDLE GREY	1,545 SQFT	85.00	131,325	\$4.02
SAC-2 DOWN LIGHTART STRATTA, 110 ROHWELL/BEIGE - 12" AND 16" TALL	888 LNFT	146.00	129,648	\$3.97
SAC-2 UP LIGHTART STRATTA, 110 ROHWELL/BEIGE - 12" AND 16" TALL	1,742 LNFT	146.00	254,332	\$7.79
REDUCE SUSPENDED ACOUSTICAL CEILING BAFFLE SCOPE BY 60%	(1,578) LNFT	146.00	(230,388)	-\$7.06
SOUND ABSORBING WALL UNITS		0.00	0	\$0.00
SAP-1 FIZFELT RILLE 4, 427 STEIN	1,259 SQFT	81.00	101,979	\$3.13
DELETE SAP-1 IN MAIN LOBBY	(777) SQFT	81.00	(62,937)	-\$1.93
SAP-2 FIZFELT ARO PLANK 6, 713 KIWI - SECURITY VESTIBULE	687 SQFT	205.50	141,179	\$4.33
CHANGE SAP-2 IN SECURITY VESTIBULE TO SAP-3	(687) SQFT	124.50	(85,532)	-\$2.62
SAP-3 FIZFELT RILLE 4, 405 STAHL	707 SQFT	81.00	57,267	\$1.76
SAP-4 FIZFELT MATRIX HANGING SCREEN PANEL, 427 STEIN - OPEN OFFICE AREA	608 SQFT	92.50	56,240	\$1.72
SAP-5 UNIKA VAEV ECOUSTIC WALL PANEL - 25MM AT TRANSACTION LOBBY	480 SQFT	25.00	12,000	\$0.37
SAP-3,4,5 MOVE TO ALT	(1) LSUM	125,507.00	(125,507)	-\$3.85
MOVE LEVEL 2 REMAINING BAFFLES TO ALT	(1) LSUM	55,000.00	(55,000)	-\$1.69
<b>TOTAL ACOUSTICAL CEILINGS</b>			<b>\$388,159</b>	<b>\$11.90</b>
<b>PAINTING</b>				
PAINTING PACKAGE		0.00	0	\$0.00
EXTERIOR DRYWALL WALLS	23,878 SQFT	1.10	26,266	\$0.80
INTERIOR DRYWALL WALLS	47,313 SQFT	1.10	52,044	\$1.60
ACCENT WALLS - ASSUMED 14 EA	14 EACH	150.00	2,100	\$0.06
DRYWALL CEILINGS	1,610 SQFT	1.45	2,335	\$0.07
DRYWALL SOFFITS	5,536 SQFT	0.86	4,761	\$0.15
CLT CLEAR SEALER/STAIN	31,396 SQFT	1.95	61,222	\$1.88
GLULAM COLUMNS AND BEAMS CLEAR SEALER/STAIN	5,056 LNFT	3.50	17,696	\$0.54
HP PAINT AT MECH. SCREEN STRUCTURE, RETAINING WALL STEEL SUPPORTS	1 LSUM	6,500.00	6,500	\$0.20
HP PAINT AT PV CANOPY, TRASH ENCLOSURE	1 LSUM	9,500.00	9,500	\$0.29
STEEL STAIR STRINGERS AND RISERS	2 EACH	4,500.00	9,000	\$0.28
STAIR RAILING/PANELS	624 SQFT	7.00	4,368	\$0.13
WALL COVERING	1 LSUM	8,300.00	8,300	\$0.25
HM FRAMES	99 EACH	83.00	8,217	\$0.25
HM DOORS	24 EACH	83.00	1,992	\$0.06
TOUCH-UPS	32,629 SQFT	0.30	9,789	\$0.30
<b>TOTAL PAINTING</b>			<b>\$224,090</b>	<b>\$6.87</b>
<b>FINISHES MISCELLANEOUS</b>				
DAILY CLEAN-UP - FINISHES	6 WEEKS	1,839.94	11,040	\$0.34
FINAL CLEANING PREMIUM	32,629 SQFT	0.20	6,526	\$0.20
WEATHER PROTECTION - FINISHES	2 MONTHS	3,831.87	7,664	\$0.23

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Description	Quantity	Unit \$	Total \$	\$ per SQFT
TEMPORARY HEAT EQUIPMENT RENTAL (NOV.-APRIL)	32,629	SQFT	7,831	\$0.24
TEMPORARY HEATER PROPANE ( NOV. - APRIL / \$2.78 PER GAL)	32,629	SQFT	31,324	\$0.96
SEAL OPENINGS FOR HEATING	1	LSUM	5,453.95	\$0.17
DUMPSTERS	4	EACH	2,000	\$0.06
PUNCHLIST	2	WEEKS	9,943	\$0.30
<b>TOTAL FINISHES MISCELLANEOUS</b>			<b>\$81,782</b>	<b>\$2.51</b>
<b>Total Division 09 FINISHES</b>			<b>\$2,624,769</b>	

**Division 10 SPECIALTIES**

**TOILET PARTITIONS AND ACCESSORIES**

TOILET COMPARTMENTS			0.00	0	\$0.00
SOLID PLASTIC - PHENOLIC			0.00	0	\$0.00
URINAL SCREENS	2	EACH	650.00	1,300	\$0.04
TOILET PARTITIONS	8	EACH	1,750.00	14,000	\$0.43
TOILET ACCESSORIES			0.00	0	\$0.00
GRAB BARS	21	EACH	55.00	1,155	\$0.04
TP HOLDER / DISPENSER	13	EACH	75.00	975	\$0.03
SOAP DISPENSER	11	EACH	45.00	495	\$0.02
PAPER TOWEL / WASTE RECEPTACLE	11	EACH	550.00	6,050	\$0.19
NAPKIN DISPENSER	3	EACH	655.00	1,965	\$0.06
NAPKIN DISPOSAL	10	EACH	135.00	1,350	\$0.04
SEAT COVER DISPENSER	13	EACH	115.00	1,495	\$0.05
MIRRORS 18" WIDE X 36" TALL	11	EACH	250.00	2,750	\$0.08
BABY CHANGE STATION	1	EACH	950.00	950	\$0.03
COAT HOOK AT THE BACK OF EVERY OFFICE DOOR	46	EACH	25.00	1,150	\$0.04
SHELF W/MOP HOLDERS, RAG HOOKS	2	EACH	450.00	900	\$0.03
INSTALL OWNER FURNISHED ACCESSORIES	30	EACH	15.00	450	\$0.01
BLOCKING AND BACKING	182	EACH	24.16	4,397	\$0.13
PHENOLIC LOCKERS	11	EACH	2,250.00	24,750	\$0.76
18" X 18" X 84" WIDE DOUBLE TIER		INCLUDED	0.00	0	\$0.00
<b>TOTAL TOILET PARTITIONS AND ACCESSORIES</b>			<b>\$64,132</b>	<b>\$1.97</b>	

**SIGNAGE**

SIGNAGE / WALL GRAPHICS	1	ALLOWANCE	35,000.00	35,000	\$1.07
ROOM IDENTIFICATION SIGNS	91	EACH	95.00	8,645	\$0.26
CODE REQUIRED SIGNAGE	1	ALLOWANCE	3,000.00	3,000	\$0.09
TEMPORARY SITE WAYFINDING	1	LSUM	8,292.09	8,292	\$0.25
<b>TOTAL SIGNAGE</b>			<b>\$54,937</b>	<b>\$1.68</b>	

**VISUAL DISPLAY SURFACES**

GLASS MARKER BOARDS 4' X 8'	4	EACH	1,150.00	4,600	\$0.14
MARKERBOARDS 4' X 8'	4	EACH	750.00	3,000	\$0.09
TACK BOARDS 4' X 4'	12	EACH	450.00	5,400	\$0.17
BLOCKING AND BACKING	160	LNFT	3.73	597	\$0.02
<b>TOTAL VISUAL DISPLAY SURFACES</b>			<b>\$13,597</b>	<b>\$0.42</b>	

**FIRE EXTINGUISHERS AND CABINETS**

FIRE EXTINGUISHERS - 10 LB ABC	6	EACH	200.00	1,200	\$0.04
FIRE EXTINGUISHER CABINETS	6	EACH	215.00	1,290	\$0.04
BLOCKING AND BACKING	6	EACH	32.66	196	\$0.01
INSTALL FE AND CAB.	6	EACH	34.09	205	\$0.01
<b>TOTAL FIRE EXTINGUISHERS AND CABINETS</b>			<b>\$2,891</b>	<b>\$0.09</b>	

**OPERABLE PARTITION**

FOLDING PANEL PARTITION	1	LSUM	160,030.00	160,030	\$4.90
BOD: SKYFOLD CLASSIC 55		INCLUDED	0.00	0	\$0.00
STC RATING - 55		INCLUDED	0.00	0	\$0.00
CARNEGIE DIVERGE 8082-10 FABRIC		INCLUDED	0.00	0	\$0.00
OVERHEAD SUPPORT	25	LNFT	25.00	625	\$0.02
DRILL BEAM	25	LNFT	10.90	273	\$0.01
<b>TOTAL OPERABLE PARTITION</b>			<b>\$160,928</b>	<b>\$4.93</b>	

**FOLDING GLASS PARTITIONS**

SL-01 FOLDING GLASS PARTITIONS	3	EACH	35,432.00	106,296	\$3.26
MOVE DOORS 130.2, 131.2 TO ALTERNATES, DELETE DOOR 100.2 AT EAST LOBBY	(3)	EACH	35,432.00	(106,296)	-\$3.26
LA CANTINA THERMALLY CONTROLLED FOLDING DOORS		INCLUDED	0.00	0	\$0.00
WOOD CLAD ALUMINUM FRAMES		INCLUDED	0.00	0	\$0.00
4-PANELS STACKING LEFT		INCLUDED	0.00	0	\$0.00
APPROX. OPENING 13'W X 10'H		INCLUDED	0.00	0	\$0.00
SLOAR BAN 60 GLAZING		INCLUDED	0.00	0	\$0.00
HARDWARE FINISH - BRONZE		INCLUDED	0.00	0	\$0.00
WEATHER RESISTANT SEAL		INCLUDED	0.00	0	\$0.00
<b>TOTAL FOLDING GLASS PARTITIONS</b>			<b>\$0</b>	<b>\$0.00</b>	

**MOBILE HI-DENSITY STORAGE**

HI-DENSITY STORAGE SYSTEM	1	LSUM	180,000.00	180,000	\$5.52
LETTER DEPTH SHELVING UNITS		INCLUDED	0.00	0	\$0.00
LEGAL DEPTH SHELVING UNITS		INCLUDED	0.00	0	\$0.00
3' AISLE SPACE IN EACH SECTION		INCLUDED	0.00	0	\$0.00
IN-FLOOR RAILS		INCLUDED	0.00	0	\$0.00
FILE STORAGE SIZED SHELVING		INCLUDED	0.00	0	\$0.00
MECHANICAL ASSIST		INCLUDED	0.00	0	\$0.00
INSTALLATION		INCLUDED	0.00	0	\$0.00
<b>TOTAL MOBILE HI-DENSITY STORAGE</b>			<b>\$180,000</b>	<b>\$5.52</b>	

**FLAG POLES**

FLAG POLES	1	ALLOWANCE	13,500.00	13,500	\$0.41
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Revision: 1  
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LINE ITEMS SHOWN WITH GREEN BACKGROUND ARE INCLUDED IN THE VE EFFORT TO ALIGN THE ESTIMATE WITH THE APPROVED BUDGET OF \$26.5MM

Description	Quantity	Unit \$	Total \$	\$ per SQFT
2 EA 25' FLAGPOLE	INCLUDED	0.00	0	\$0.00
1 EA 30' FLAGPOLE	INCLUDED	0.00	0	\$0.00
FOUNDATIONS	INCLUDED	0.00	0	\$0.00
<b>TOTAL FLAG POLES</b>			<b>\$13,500</b>	<b>\$0.41</b>
<b>WALL PROTECTION</b>				
WALL SURFACE PROTECTION		0.00	0	\$0.00
FRP AT JANITOR CLOSET	50 SQFT	5.50	275	\$0.01
CORNER GUARDS - SS	28 EACH	140.20	3,926	\$0.12
<b>TOTAL WALL PROTECTION</b>			<b>\$4,201</b>	<b>\$0.13</b>
<b>Total Division 10 SPECIALTIES</b>			<b>\$494,186</b>	

<b>Division 11 EQUIPMENT</b>				
<b>RESIDENTIAL APPLIANCES</b>				
RESIDENTIAL APPLIANCES	1 ALLOWANCE	10,000.00	10,000	\$0.31
INSTALLATION	10 EACH	132.01	1,320	\$0.04
<b>TOTAL RESIDENTIAL APPLIANCES</b>			<b>\$11,320</b>	<b>\$0.35</b>
<b>Total Division 11 EQUIPMENT</b>			<b>\$11,320</b>	

<b>Division 12 FURNISHINGS</b>				
<b>WINDOW TREATMENTS</b>				
WINDOW COVERINGS		0.00	0	\$0.00
MOTORIZED DUAL ROLLER SHADES WITH BLACKOUT	1 LSUM	13,500.00	13,500	\$0.41
LOCATED AT COUNCIL CHAMBERS AND BOTH COMMUNITY ROOMS	INCLUDED	0.00	0	\$0.00
MANUAL SINGLE ROLLER SHADES	1 LSUM	32,000.00	32,000	\$0.98
LOCATED AT 75% OF ALL OTHER WINDOWS	INCLUDED	0.00	0	\$0.00
<b>TOTAL WINDOW TREATMENTS</b>			<b>\$45,500</b>	<b>\$1.39</b>
<b>Total Division 12 FURNISHINGS</b>			<b>\$45,500</b>	

<b>Division 13 SPECIAL CONSTRUCTION</b>				
<b>PV SOLAR PANEL SYSTEMS</b>				
193.6KW PHOTOVOLTAIC SOLAR PANEL ARRAY	193,600 WATTS	2.12	410,432	\$12.58
ROOF MOUNTED, BALLASTED RACK SYSTEM	INCLUDED	0.00	0	\$0.00
INVERTERS	INCLUDED	0.00	0	\$0.00
400 KW INDIVIDUAL PANELS	INCLUDED	0.00	0	\$0.00
4' OFFSET FROM ROOF EDGE	INCLUDED	0.00	0	\$0.00
<b>TOTAL PV SOLAR PANEL SYSTEMS</b>			<b>\$410,432</b>	<b>\$12.58</b>
<b>Total Division 13 SPECIAL CONSTRUCTION</b>			<b>\$410,432</b>	

<b>Division 14 CONVEYING SYSTEMS</b>				
<b>ELEVATOR</b>				
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 LSUM	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
<b>TOTAL ELEVATOR</b>			<b>\$139,644</b>	<b>\$4.28</b>
<b>Total Division 14 CONVEYING SYSTEMS</b>			<b>\$139,644</b>	

<b>Division 21 FIRE SUPPRESSION</b>				
<b>FIRE SPRINKLER SYSTEM</b>				
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
<b>TOTAL FIRE SPRINKLER SYSTEM</b>			<b>\$202,630</b>	<b>\$6.21</b>
<b>Total Division 21 FIRE SUPPRESSION</b>			<b>\$202,630</b>	

<b>Division 22 PLUMBING</b>				
<b>PLUMBING SYSTEM</b>				
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

Project Name: Northglenn City Hall

Estimate Type: Design Development

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Description	Quantity	Unit \$	Total \$	\$ per SQFT
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
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
<b>TOTAL PLUMBING SYSTEM</b>			<b>\$788,451</b>	<b>\$24.16</b>
<b>Total Division 22 PLUMBING</b>			<b>\$788,451</b>	

**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
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
EF'S	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
AC CONDENSATE PUMPS AT EACH FCU & AC CONDENSATE PIPE	INCLUDED	0.00	0	\$0.00
AC CONDENSATE PIPE	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



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Description	Quantity	Unit \$	Total \$	\$ per SQFT	
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
<b>TOTAL HVAC SYSTEM</b>			<b>\$2,099,823</b>		<b>\$64.35</b>
<b>Total Division 23 HVAC</b>			<b>\$2,099,823</b>		

**Division 26 ELECTRICAL**

ELECTRICAL					
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
<b>LIGHT FIXTURE &amp; CONTROLS REDESIGN PER AE DESIGN AND TLA</b>	<b>(1)</b>	<b>LSUM</b>	<b>250,000.00</b>	<b>(250,000)</b>	<b>-\$7.66</b>
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
ELECTRICAL COORDINATION	100	MHRS	99.51	9,951	\$0.30
CORE APPRENTICESHIP REQUIREMENT	1	LSUM	5,000.01	5,000	\$0.15
<b>TOTAL ELECTRICAL</b>			<b>\$2,081,410</b>		<b>\$63.79</b>
<b>Total Division 26 ELECTRICAL</b>			<b>\$2,081,410</b>		

**Division 27 COMMUNICATIONS**

COMMUNICATIONS					
STRUCTURED CABLING	1	LSUM	164,959.00	164,959	\$5.06
CAT 6A CABLING TO 167 LOCATIONS		INCLUDED	0.00	0	\$0.00
RG6 CABLING TO SAME		INCLUDED	0.00	0	\$0.00
FLOOR BOX/POKE THRU LOCATIONS FOR MEETING/CONFERENCE ROOMS		INCLUDED	0.00	0	\$0.00
CABLE TO CEILING MOUNTED PROJECTOR LOCATIONS		INCLUDED	0.00	0	\$0.00
FLOOR BOX/POKE THRU LOCATIONS FOR OPEN OFFICE AREAS/FURNITURE		INCLUDED	0.00	0	\$0.00
DISTRIBUTION AMPLIFIERS AND SPLITTERS AT TV MONITOR LOCATIONS		INCLUDED	0.00	0	\$0.00
WIRE CABLE TRAY - 12"W X 4" D		W/ELECTRICAL	0.00	0	\$0.00
MDF ROOM		INCLUDED	0.00	0	\$0.00
3 EA TWO-POST RACKS W/4 EA 10" VERTICAL, 5 EA HORIZONTAL WIRE MANAGERS		INCLUDED	0.00	0	\$0.00
RACK MOUNTED UPS SYSTEMS		INCLUDED	0.00	0	\$0.00
LADDER RACK		INCLUDED	0.00	0	\$0.00
IDF ROOM		INCLUDED	0.00	0	\$0.00
2 EA TWO-POST RACKS W/4 EA 10" VERTICAL, 4 EA HORIZONTAL WIRE MANAGERS		INCLUDED	0.00	0	\$0.00
RACK MOUNTED UPS SYSTEMS		INCLUDED	0.00	0	\$0.00
LADDER RACK		INCLUDED	0.00	0	\$0.00

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Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT
GROUNDING AT BOTH MDF AND IDF ROOMS		INCLUDED	0.00	0	\$0.00
4 EA 4" RESEALABLE FIRE SLEEVES AT MDF AND IDF ROOMS FOR CABLE PATHWAY	1	LSUM	4,317.00	4,317	\$0.13
DATA CABLING VE - REDUCE OFFICE DATA DROPS TO (1) PER ROOM	(1)	LSUM	15,000.00	(15,000)	-\$0.46
STRUCTURED CABLE COORDINATION	120	MHRS	79.50	9,540	\$0.29
AUDIO/VIDEO			0.00	0	\$0.00
COUNCIL CHAMBERS	1	LSUM	316,597.98	316,598	\$9.70
EXECUTIVE SESSION	1	LSUM	15,829.90	15,830	\$0.49
COMMUNITY ROOM	1	LSUM	147,684.25	147,684	\$4.53
PUBLIC LOBBY	1	LSUM	5,153.69	5,154	\$0.16
TRANSACTION LOBBY	1	LSUM	10,553.27	10,553	\$0.32
BUSINESS PARTNER SERVICE WORK AREA	1	LSUM	5,276.63	5,277	\$0.16
MEDIUM CONFERENCE ROOM 209	1	LSUM	5,276.63	5,277	\$0.16
CONFERENCE ROOMS 115, 250, 259	3	EACH	15,151.59	45,455	\$1.39
BREAK 104B	1	LSUM	3,684.42	3,684	\$0.11
BREAK 260	1	LSUM	4,995.90	4,996	\$0.15
PAGING SYSTEM	1	LSUM	34,282.75	34,283	\$1.05
MOVE PAGING SYSTEM TO ALT	(1)	LSUM	34,282.75	(34,283)	-\$1.05
AUDIO/VIDEO VE - BID TO SEVERAL VENDORS AND OPEN UP DESIGN SPECIFICATION	(1)	LSUM	75,000.00	(75,000)	-\$2.30
TELE/DATA AND A/V COORDINATION	1	LSUM	9,539.71	9,540	\$0.29
CORE APPRENTICESHIP REQUIREMENT	1	LSUM	5,000.01	5,000	\$0.15
<b>TOTAL COMMUNICATIONS</b>				<b>\$663,864</b>	<b>\$20.35</b>
<b>Total Division 27 COMMUNICATIONS</b>				<b>\$663,864</b>	

**Division 28 ELECTRONIC SAFETY & SECURITY**

**SECURITY SYSTEMS**

ACCESS CONTROL SYSTEM			0.00	0	\$0.00
CARD READER	25	EACH	3,500.00	87,500	\$2.68
PANIC BUTTON	8	EACH	1,000.00	8,000	\$0.25
INTRUSION DETECTION - GLASS BREAK/MOTION SENSORS	23	EACH	750.00	17,250	\$0.53
HEAD END EQUIPMENT AND RECORDING DEVICES	1	LSUM	5,000.00	5,000	\$0.15
VIDEO SURVEILLANCE			0.00	0	\$0.00
CEILING MOUNTED DOME CAMERAS - INTERIOR	19	EACH	2,500.00	47,500	\$1.46
EXTERIOR MOUNTED CAMERAS	10	EACH	1,500.00	15,000	\$0.46
MOUNTING KITS		INCLUDED	0.00	0	\$0.00
LICENSES AND TRAINING	1	LSUM	4,500.00	4,500	\$0.14
HEAD END EQUIPMENT AND RECORDING DEVICES	1	LSUM	5,000.00	5,000	\$0.15
SECURITY SYSTEMS COORDINATION	80	MRHS	79.50	6,360	\$0.19
<b>TOTAL SECURITY SYSTEMS</b>				<b>\$196,110</b>	<b>\$6.01</b>

**FIRE DETECTION AND ALARM SYSTEM**

FIRE ALARM		W. DIV. #26	0.00	0	\$0.00
DESIGN AND ENGINEERING		W. DIV. #26	0.00	0	\$0.00
<b>TOTAL FIRE DETECTION AND ALARM SYSTEM</b>				<b>\$0</b>	<b>\$0.00</b>

**Total Division 28 ELECTRONIC SAFETY AND SECURITY**

**\$196,110**

**Division 31 EARTHWORK**

**DRILLED CAISSONS**

DRILLED PIER SUB			0.00	0	\$0.00
18" DIAMETER	2,820	LNFT	9.50	26,790	\$0.82
18" DIAMETER - CASING	2,820	LNFT	6.00	16,920	\$0.52
24" DIAMETER	240	LNFT	12.50	3,000	\$0.09
24" DIAMETER - CASING	240	LNFT	9.00	2,160	\$0.07
MOBILIZATION	1	LSUM	2,500.00	2,500	\$0.08
CONCRETE MATERIALS	283	CUYD	185.00	52,355	\$1.60
POUR CAISSONS, SET CAGES	3,060	LNFT	8.97	27,448	\$0.84
REBAR MATERIAL	18	TONS	1,400.00	25,200	\$0.77
REBAR TYING	18	TONS	650.00	11,700	\$0.36
TOP OF PIER FORM - SONOTUBE	306	LNFT	10.00	3,060	\$0.09
CONCRETE PUMP - LOW PRODUCTION - CASED / WET	142	CUYD	38.00	5,396	\$0.17
CONCRETE PUMP	142	CUYD	28.00	3,976	\$0.12
LAYOUT / VERTICAL CONTROL	102	EACH	42.00	4,284	\$0.13
DRILL RIG ACCESS TO SITE	1	LSUM	1,500.00	1,500	\$0.05
HOIST CAGES	1	LSUM	2,250.00	2,250	\$0.07
CAISSON DEWATERING	1	ALLOWANCE	7,500.00	7,500	\$0.23
REMOVE CAISSON SPOILS OFFSITE	311	CUYD	25.00	7,775	\$0.24
<b>TOTAL DRILLED CAISSONS</b>				<b>\$203,814</b>	<b>\$6.25</b>

**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

Project Name: Northglenn City Hall

Estimate Type: Design Development

Revision: 1

Project Duration: 16 Months

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Project SF: 32,629

Estimator: SR

LINE ITEMS SHOWN WITH GREEN BACKGROUND ARE INCLUDED IN THE VE EFFORT TO ALIGN THE ESTIMATE WITH THE APPROVED BUDGET OF \$26.5MM

Description	Quantity	Unit	\$	Total \$	\$ per SQFT
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
<b>TOTAL EROSION CONTROL</b>				<b>\$76,139</b>	<b>\$2.33</b>
<b>SITE DEMOLITION</b>					
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
<b>TOTAL SITE DEMOLITION</b>				<b>\$205,825</b>	<b>\$6.31</b>
<b>EARTHWORK</b>					
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 NORTHGLENN OPEN SPACE	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
RESREAD 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
<b>TOTAL EARTHWORK</b>				<b>\$575,822</b>	<b>\$17.65</b>
<b>Total Division 31 EARTHWORK</b>				<b>\$1,061,600</b>	
<b>Division 32 EXTERIOR IMPROVEMENTS</b>					
<b>ASPHALT PAVING</b>					
ASPHALT PAVING			0.00	0	\$0.00
MOBILIZATION	1	LSUM	4,500.00	4,500	\$0.14
RIP AND RECOMPACT -12"	4,009	SQYD	4.20	16,838	\$0.52
SOIL STERILANT	4,009	SQYD	0.35	1,403	\$0.04
6.5" FULL DEPTH AT PARKING STALLS	1,376	SQYD	40.00	55,040	\$1.69
6.5" FULL DEPTH AT DRIVE LANES	2,633	SQYD	40.00	105,320	\$3.23
CLEAN PAVING PRIOR TO SECOND LIFT	4,009	SQYD	0.35	1,403	\$0.04
T-PATCH 2" MILLING BY 2' WIDE	400	SQFT	30.00	12,000	\$0.37
ADJUST MANHOLES AND WATER VALVES	1	LSUM	3,600.00	3,600	\$0.11
ASPHALT PATCH/REPAIR OF EXISTING	1	LSUM	10,000.00	10,000	\$0.31
FIRE LANE AND ONE WAY STRIPING	1	LSUM	2,500.00	2,500	\$0.08
PAVEMENT STRIPING		INCLUDED	0.00	0	\$0.00
STRIPES HC STALLS		INCLUDED	0.00	0	\$0.00
SITE SIGNAGE (ONE WAY, STOP, ETC.)	8	EACH	175.00	1,400	\$0.04
<b>TOTAL ASPHALT PAVING</b>				<b>\$214,004</b>	<b>\$6.56</b>
<b>SITE CONCRETE</b>					
SITE CONCRETE PLACE AND FINISH LABOR			0.00	0	\$0.00
SIDEWALK - 6"	17,677	SQFT	3.15	55,683	\$1.71
TINTED SIDEWALK W/TOPCAST FINISH - 6"	1,021	SQFT	8.50	8,679	\$0.27
MOVE TINTED SIDEWALK TO ALT	(1)	LSUM	8,679.00	(8,679)	-\$0.27
REMOVE REINF AT WEST DRIVABLE WALK	2,000	SQFT	-4.50	(9,000)	-\$0.28
REINFORCED SIDEWALK	2,283	SQFT	4.50	10,274	\$0.31

Project Name: Northglenn City Hall

Estimate Type: Design Development

Revision: 1

Project Duration: 16 Months

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Project SF: 32,629

Estimator: SR

LINE ITEMS SHOWN WITH GREEN BACKGROUND ARE INCLUDED IN THE VE EFFORT TO ALIGN THE ESTIMATE WITH THE APPROVED BUDGET OF \$26.5MM

Description	Quantity	Unit	\$	Total \$	\$ per SQFT
CONCRETE SLICES	223	LNFT	25.00	5,575	\$0.17
CONCRETE PAVING - 6"	2,554	SQFT	3.50	8,939	\$0.27
COLORED CONCRETE PAVING - 6"	225	SQFT	9.00	2,025	\$0.06
2' CONCRETE DRAIN PAN - EPOXY BAR	658	LNFT	19.00	12,502	\$0.38
6" TRASH ENCLOSURE PAD	213	SQFT	3.50	746	\$0.02
ENTRY PANS	1,113	SQFT	15.00	16,695	\$0.51
CURB AND GUTTER	2,244	LNFT	19.00	42,636	\$1.31
6" CONCRETE VERTICAL CURB	172	LNFT	25.00	4,300	\$0.13
PLANTER CURB	556	LNFT	25.00	13,900	\$0.43
PLANTER FENCE	373	LNFT	25.00	9,325	\$0.29
STAIRS	345	LNFT	65.00	22,425	\$0.69
THICKENED EDGE WALL AT NORTH RAMP 1'-6" H X 6" W	69	SFCA	7.00	483	\$0.01
HC RAMPS	16	EACH	1,150.00	18,400	\$0.56
TACTILE WARNING PAVERS AT HC RAMPS	16	EACH	350.00	5,600	\$0.17
PLACE BOLLARDS	4	EACH	1,849.99	7,400	\$0.23
WE-EF LIGHTED BOLLARDS	34	EACH	133.80	4,549	\$0.14
LIGHT POLE BASES - 24" DIA. X 8' TALL	10	EACH	1,066.00	10,660	\$0.33
HOUSEKEEPING PAD	74	SQFT	3.50	259	\$0.01
CAST IN PLACE CONCRETE SEAT WALL			0.00	0	\$0.00
SEAT WALL 2' W X 2'-6" H	68	LNFT	90.00	6,120	\$0.19
TRASH ENCLOSURE FOUNDATION			0.00	0	\$0.00
RETAINING WALL 3'-0" H X 8" THICK	420	SFCA	15.00	6,300	\$0.19
RETAINING WALL FOOTER 8" H X 2' W	42	LNFT	25.00	1,050	\$0.03
CAST IN PLACE CONCRETE RETAINING WALL			0.00	0	\$0.00
RETAINING WALL 5'-0" H X 8" THICK	2,470	SFCA	15.00	37,050	\$1.14
RETAINING WALL FOOTER 8" H X 2' W	247	LNFT	25.00	6,175	\$0.19
SITE CONCRETE MATERIALS			0.00	0	\$0.00
MISC. CURE, EXPANSION AND ACCESSORIES	34,318	SQFT	0.15	5,148	\$0.16
REINFORCING MATERIALS	5	TONS	2,050.00	10,250	\$0.31
REMOVE REINF AT WEST DRIVABLE WALK	4	TONS	-2,050.00	(8,200)	-\$0.25
CONCRETE MATERIALS	1,074	CUYD	185.00	198,690	\$6.09
CONCRETE ACCELERATOR & ESCALATION	1,074	CUYD	22.00	23,628	\$0.72
FIBERMESH	1,074	CUYD	8.00	8,592	\$0.26
COLORED CONCRETE (BASED ON 2LBS PER SACK)	277	CUYD	45.00	12,465	\$0.38
CONCRETE PUMPING FOR SITE CONCRETE - 50%	676	CUYD	28.00	18,928	\$0.58
SKIDSTEER, W/ ATTACHMENTS AND FUEL	2	MONTHS	3,695.00	7,390	\$0.23
DUMPSTERS	2	EACH	500.00	1,000	\$0.03
ECO PANS - 2.5 CUYD	20	EACH	400.00	8,000	\$0.25
LAYOUT	40	MHRS	99.51	3,980	\$0.12
RIGHT OF WAY PERMIT	1	LSUM	500.00	500	\$0.02
<b>TOTAL SITE CONCRETE</b>				<b>\$590,442</b>	<b>\$18.10</b>
<b>MONUMENT SIGN</b>					
MONUMENT SIGN	2	ALLOWANCE	30,000.00	60,000	\$1.84
CONCRETE FOUNDATION		INCLUDED	0.00	0	\$0.00
SIGN BODY MATERIALS (TBD)		INCLUDED	0.00	0	\$0.00
LETTERING		INCLUDED	0.00	0	\$0.00
<b>TOTAL MONUMENT SIGN</b>				<b>\$60,000</b>	<b>\$1.84</b>
<b>LANDSCAPING AND IRRIGATION</b>					
LANDSCAPING			0.00	0	\$0.00
MOBILIZATION		INCLUDED	0.00	0	\$0.00
IRRIGATION PUMP STATION	1	LSUM	75,492.00	75,492	\$2.31
IRRIGATION/ DRIP LINES TO SHRUB BEDS AND TREES	1	LSUM	27,495.00	27,495	\$0.84
IRRIGATION NATIVE SEED	1	LSUM	19,500.00	19,500	\$0.60
REPAIR OF EXISTING IRRIGATION AT DISTURBED AREAS	1	LSUM	32,760.00	32,760	\$1.00
MINIMIZE REPAIR SCOPE	(1)	LSUM	10,000.00	(10,000)	-\$0.31
SLEEING		INCLUDED	0.00	0	\$0.00
2.5" CALIPER DECIDUOUS TREES	10	EACH	802.10	8,021	\$0.25
1.5" CALIPER DECIDUOUS TREES	14	EACH	511.14	7,156	\$0.22
1.5" ORNAMENTAL TREES	7	EACH	522.57	3,658	\$0.11
5 GALLON DECIDUOUS SHRUBS	379	EACH	59.92	22,710	\$0.70
5 GALLON ORNAMENTAL GRASSES	525	EACH	62.35	32,734	\$1.00
1 GALLON PERENNIALS	699	EACH	27.07	18,922	\$0.58
GROUND COVER (4" POTS, 10" O.C.)	20	FLATS	121.85	2,437	\$0.07
8" DEEP SHRUB BED SOIL PREP (5CY / 1000 SQFT)	14,100	SQFT	0.87	12,267	\$0.38
NATIVE GRASS/WILDFLOWER MIX AND SOIL PREP (3CY / 1000 SQFT)	2,750	SQFT	1.94	5,335	\$0.16
NATIVE GRASS SEED MIX AND SOIL PREP (3CY / 1000 SQFT)	7,250	SQFT	0.78	5,655	\$0.17
NATIVE SEED MIX (HYDRO) AND SOIL PREP AT EXIST. CITY HALL SITE POST DEMO	62,160	SQFT	0.50	31,080	\$0.95
SHREDDED WOOD MULCH OVER WEED FABRIC	142	CUYD	139.18	19,764	\$0.61
ROCK MULCH (4" - 8" PUEBLO GREY COBBLE OVER FABRIC)	8	TONS	169.63	1,357	\$0.04
ROCK MULCH (4" - 8" LOCAL RIVER ROCK OVER FABRIC)	1	TONS	498.00	498	\$0.02
GREY STABILIZED CRUSHER FINES	1,270	SQFT	5.49	6,972	\$0.21
4" X 14 GAUGE GREEN STEEL EDGER	540	LNFT	6.27	3,386	\$0.10
BOULDERS			0.00	0	\$0.00
2' X 3' X 2.5' - 1.25 TON AVG SIZE SANDSTONE BOULDER - NATURAL CLEFT	8	EACH	418.88	3,351	\$0.10
3' X 4' X 2.5' - 2.5 TON AVG SIZE SANDSTONE BOULDER - NATURAL CLEFT	16	EACH	704.19	11,267	\$0.35
4' X 5' X 2.5' - 3.25 TON AVG SIZE SANDSTONE BOULDER - NATURAL CLEFT	24	EACH	993.50	23,844	\$0.73
REMOVE SHRUBS/GRASSES/PERENNIALS	(1)	LSUM	75,000.00	(75,000)	-\$2.30
REPAIR LANDSCAPING	1	ALLOWANCE	10,000.00	10,000	\$0.31
MAINTENANCE - 1 YEAR	1	LSUM	15,000.00	15,000	\$0.46
DUMPSTERS	2	EACH	500.00	1,000	\$0.03

Project Name: Northglenn City Hall  
 Estimate Type: Design Development  
 Project Duration: 16 Months  
 Project SF: 32,629  
 Estimator: SR

Revision: 1  
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LINE ITEMS SHOWN WITH GREEN BACKGROUND ARE INCLUDED IN THE VE EFFORT TO ALIGN THE ESTIMATE WITH THE APPROVED BUDGET OF \$26.5MM

Description	Quantity	Unit \$	Total \$	\$ per SQFT
<b>TOTAL LANDSCAPING AND IRRIGATION</b>			<b>\$316,661</b>	<b>\$9.70</b>
<b>FENCES AND GATES</b>				
TEMPORARY SITE FENCING	-	0.00	0	\$0.00
TEMP. CHAIN LINK FENCING	2,116 LNFT	3.50	7,406	\$0.23
PRIVACY SCREEN - ENVIRO RED	2,116 LNFT	2.78	5,882	\$0.18
FCI BRANDED PANEL - FLEX MESH SCREEN (50' LONG)	6 EACH	207.00	1,242	\$0.04
FCI BRANDED SAFETY ENTRY GATE SCREEN	2 EACH	155.20	310	\$0.01
RELOCATE TEMP FENCING FOR ROAD CLOSURE PHASING	1 LSUM	3,679.87	3,680	\$0.11
<b>TOTAL FENCES AND GATES</b>			<b>\$18,520</b>	<b>\$0.57</b>
<b>RETAINING WALLS</b>				
NO SCOPE ANTICIPATED		0.00	0	\$0.00
<b>TOTAL RETAINING WALLS</b>			<b>\$0</b>	<b>\$0.00</b>
<b>SITE AMENITIES</b>				
BIKE RACKS - OFCI	4 EACH	99.02	396	\$0.01
BIKE RACKS - CFCI	3 EACH	699.02	2,097	\$0.06
BENCHES / SEATING		0.00	0	\$0.00
BEACON HILL THERMORY ADA TABLE W/3 STANDARD SEATS	1 EACH	5,755.00	5,755	\$0.18
FREIGHT	1 LSUM	436.00	436	\$0.01
LANDSCAPE FORMS NEOLIVIANO - 69" BACKED BENCH	3 EACH	1,932.01	5,796	\$0.18
FREIGHT	1 LSUM	1,300.00	1,300	\$0.04
GFRC SEATWALL BENCH BY TOURNESOL		0.00	0	\$0.00
LETTER "J", 96" X 36" X 18"	3 EACH	2,242.00	6,726	\$0.21
LETTER "I", 96" X 18" X 18"	3 EACH	2,042.00	6,126	\$0.19
FREIGHT	1 LSUM	1,400.00	1,400	\$0.04
71" BACKED SEATWALL TOPPERS (MOUNT ON CONCRETE SEATWALLS)	3 EACH	1,415.03	4,245	\$0.13
ADIRONDACK LOUNGE CHAIRS - MFG. TBD	7 EACH	587.00	4,109	\$0.13
FREIGHT	1 LSUM	500.00	500	\$0.02
1" DIA HEMISPHERE SKATE DETERRENT	27 EACH	50.00	1,350	\$0.04
TRASH & RECYCLE RECEPTACLE		0.00	0	\$0.00
FORMS AND SURFACES APEX 36 GAL.	2 EACH	2,424.02	4,848	\$0.15
ALUMINUM RAIN COVER	2 EACH	331.00	662	\$0.02
MOUNTING KITS	2 EACH	185.00	370	\$0.01
FREIGHT AND HANDLING/PACKAGING	1 LSUM	2,556.00	2,556	\$0.08
SITE AMENITIES COORDINATION	80 MHRS	79.50	6,360	\$0.19
SITE AMENITIES EQUIPMENT FOR OFFLOADING AND PLACING	1 LSUM	4,271.96	4,272	\$0.13
MOVE THIS SCOPE TO ALT.	(1) LSUM	59,304.00	(59,304)	-\$1.82
<b>TOTAL SITE AMENITIES</b>			<b>\$0</b>	<b>\$0.00</b>
<b>Total Division 32 EXTERIOR IMPROVEMENTS</b>			<b>\$1,199,627</b>	

<b>Division 33 UTILITIES</b>				
<b>WATER SERVICES</b>				
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
<b>TOTAL WATER SERVICES</b>			<b>\$209,019</b>	<b>\$6.41</b>
<b>SANITARY SEWER SERVICES</b>				
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
<b>TOTAL SANITARY SEWER SERVICES</b>			<b>\$31,890</b>	<b>\$0.98</b>
<b>STORM SEWER SERVICES</b>				

Project Name: Northglenn City Hall

Estimate Type: Design Development

Revision: 1

Project Duration: 16 Months

Printed On: 3/3/23 2:17 PM

Project SF: 32,629

Estimator: SR

LINE ITEMS SHOWN WITH GREEN BACKGROUND ARE INCLUDED IN THE VE EFFORT TO ALIGN THE ESTIMATE WITH THE APPROVED BUDGET OF \$26.5MM

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

Subtotal: \$23,289,717

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	<b>PRECONSTRUCTION:</b>					
2	<b>PROJECT PRECONSTRUCTION TOTAL</b>				<b>\$ 92,946.89</b>	
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	445	HR	\$ 117.25	\$ 52,176.25	Prorated 11 months in '22 and 5 months in '23
7	Sr. Estimator		HR		\$ -	
8	Estimator	150	HR	\$ 107.45	\$ 16,118.18	Prorated 7 months in '22 and 4 months in '23
9	Sr. Project Manager	56	HR	\$ 137.77	\$ 7,715.08	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	38	HR	\$ 126.62	\$ 4,811.38	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	32	HR	\$ 149.00	\$ 4,768.00	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	24	HR	\$ 116.67	\$ 2,800.00	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	<b>TOTAL PRECONSTRUCTION (NOT TO EXCEED)</b>				<b>\$ 92,946.89</b>	
27						
28						
29	<b>GENERAL CONDITIONS:</b>					
30	<b>PROJECT SUPERVISION TOTAL (On-Site Personnel Only)</b>				<b>\$ 1,375,293.72</b>	
31	Officers of the Company (included in fee)	---	---	---	Included in Fee	
32	Project Executive (included in fee)	---	---	---	Included in Fee	
33	Sr. Project Manager	1029	HR	\$ 148.29	\$ 152,557.53	Prorated 10 months in '23 and 8 months in '24
34	Project Manager		HR		\$ -	
35	Assistant Project Manager		HR		\$ -	
36	Sr. Project Engineer		HR		\$ -	
37	Project Engineer	3031	HR	\$ 90.22	\$ 273,463.56	Prorated 10 months in '23 and 8 months in '24
38	Intern	1039	HR	\$ 46.33	\$ 48,149.60	3 Months in '23 and 3 months in '24
39	Senior/General Superintendent	0	HR	\$ -	\$ -	
39	Project Superintendent 1	3031	HR	\$ 112.67	\$ 341,492.67	Prorated 10 months in '23 and 8 months in '24
40	Project Superintendent 2	2252	HR	\$ 112.77	\$ 253,911.20	Super #2 prorated 7 months in '23 and 6 months in '24
41	Assistant Superintendent		HR		\$ -	
42	Field Engineer	3031	HR	\$ 80.00	\$ 242,480.00	Prorated 10 months in '23 and 10 months in '24
43	MEP Coordinator		HR		\$ -	
44	Administrative Support	606	HR	\$ 72.78	\$ 44,117.89	Prorated 10 months in '23 and 8 months in '24
45	Project Specific Accounting		HR		\$ -	
46	Scheduling		HR		\$ -	
47	Safety Director (not full time on site)	156	HR	\$ 122.67	\$ 19,121.28	Prorated 10 months in '23 and 8 months in '24
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	0	HR		\$ -	Subcontracted scope to be included in the cost of work
55	[enter other staff positions]		HR		\$ -	
56	[enter other staff positions]		HR		\$ -	
57	<b>PROJECT ON-SITE OFFICE TOTAL</b>				<b>\$ 39,471.00</b>	
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	18	MOS	\$ 400.00	\$ 7,200.00	
62	Office Furniture		LS		\$ -	
63	Office Mobilization and Demobilization		EA		\$ -	
64	Janitorial	18	MOS	\$ 50.00	\$ 900.00	
65	Radios, Communication and Cell Phones	18	MOS	\$ 399.50	\$ 7,191.00	
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)	18	MOS	\$ 735.00	\$ 13,230.00	
72	Project photos/Webcam, etc.	18	MOS	\$ 250.00	\$ 4,500.00	
73	Office Supplies	18	MOS	\$ 150.00	\$ 2,700.00	
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	18	MOS	\$ 100.00	\$ 1,800.00	
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
<b>79</b>	<b>TEMPORARY FACILITIES &amp; EQUIPMENT TOTAL</b>				<b>\$ 111,933.78</b>	
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	5	MOS	\$ 1,400.00	\$ 7,000.00	
85	Fuel for Generator	5	MOS	\$ 450.00	\$ 2,250.00	
86	Water - Construction and Hydrant Use	18	MOS	\$ 250.00	\$ 4,500.00	
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	18	MOS	\$ 810.00	\$ 14,580.00	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)	11	MOS	\$ 2,700.00	\$ 29,700.00	Includes equipment rental, delivery, and pick-up
100	Skidsteer (not associated with direct cost of work activities)	12	MOS	\$ 2,300.00	\$ 27,600.00	Includes equipment rental, delivery, and pick-up
101	Contractor misc. site equipment		MOS	\$ -	\$ -	
102	Equipment Operating Expenses	18	MOS	\$ 350.00	\$ 6,300.00	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)	18	MOS	\$ 175.21	\$ 3,153.78	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	18	MOS	\$ 225.00	\$ 4,050.00	Silt fence, tracking pads, BMPs, etc.
111	Trade Parking, Temporary Parking Lot, Bus, etc.		MOS	\$ -	\$ -	Not applicable
112				\$ -	\$ -	
113				\$ -	\$ -	
<b>114</b>	<b>ENGINEERING TOTAL</b>				<b>\$ -</b>	
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				\$ -	\$ -	
<b>122</b>	<b>SAFETY &amp; SECURITY TOTAL</b>				<b>\$ 17,820.00</b>	
123	Safety inspections (3rd party)		LS	\$ -	\$ -	Not applicable
124	Jobsite safety (PPE, first aid, eye wash, etc.)	18	MOS	\$ 150.00	\$ 2,700.00	
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	18	MOS	\$ 840.00	\$ 15,120.00	Access control, cameras, etc.
130	Security Guard		MOS	\$ -	\$ -	Not applicable, Excluded
131	Badging, background checks, etc.		LS	\$ -	\$ -	Not applicable, Excluded
132				\$ -	\$ -	
133				\$ -	\$ -	
<b>134</b>	<b>SITE CONDITIONS TOTALS</b>				<b>\$ 61,572.47</b>	
135	Project interim clean-up	779.4	HR	\$ 44.57	\$ 34,738.97	Included 10 hrs/week for 78 weeks
136	Project final clean-up	32630	SF	\$ 0.45	\$ 14,683.50	
137	Small Tools and Consumables	18	MOS	\$ 250.00	\$ 4,500.00	
138	Dumpsters / LEED Dumpsters	18	MOS	\$ 425.00	\$ 7,650.00	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				\$ -	\$ -	
<b>146</b>	<b>TRAVEL TOTALS (Provide Detailed Assumptions with Cost Breakdown and provide a detailed explanation of the cost in separate attachment).</b>				<b>\$ 45,135.00</b>	
147	Travel Expenses (including Airfare, Car Rentals, Staff Vehicles, Fuel, Parking, etc.)	18	MOS	\$ 2,507.50	\$ 45,135.00	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				\$ -	\$ -	
<b>152</b>	<b>TOTAL GENERAL CONDITIONS (NOT TO EXCEED)</b>				<b>\$ 1,651,225.97</b>	

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	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		
		HOURLY LABOR RATE	BURDEN 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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STAFF TIME ALLOCATION

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

FIRM NAME: FCI CONSTRUCTORS, INC.		2022												2023												2024															
ITEM NO.	STAFF POSITION	INDIVIDUAL	TOTAL MONTHS	TOTAL HOURS	JAN HRS	FEB HRS	MAR HRS	APR HRS	MAY HRS	JUN HRS	JUL HRS	AUG HRS	SEP HRS	OCT HRS	NOV HRS	DEC HRS	JAN HRS	FEB HRS	MAR HRS	APR HRS	MAY HRS	JUN HRS	JUL HRS	AUG HRS	SEP HRS	OCT HRS	NOV HRS	DEC HRS	JAN HRS	FEB HRS	MAR HRS	APR HRS	MAY HRS	JUN HRS	JUL HRS	AUG HRS	SEP HRS	OCT HRS	NOV HRS	DEC HRS	
<b>PRECONSTRUCTION</b>				745	0	42	48	48	46	54	58	64	66	21	21	35	56	66	50	40	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Officers of the Company (included in fee)		Incl. In Fee	0																																					
2	Project Executive (included in fee)		Incl. In Fee	0																																					
3	Sr. Preconstruction Manager			0																																					
4	Preconstruction Manager	Steve Rademacher		445	30	30	30	30	30	30	40	30	30	15	15	15	30	30	30	30	30																				
5	Sr. Estimator			0																																					
6	Estimator	Albert Nieto		150		10	10			10	10	20	20			10	10	20	20	10																					
7	Sr. Project Manager	Nathaniel Sperry		56	4	4	4	4	4	4	4	4	4	4	4	4	4	4	8																						
8	Project Manager			0																																					
9	Sr. Project Engineer			0																																					
10	Project Engineer			0																																					
11	Assistant Engineer			0																																					
12	Senior Project Superintendent	Luke Godwin		38	4	2	2	4	2	2	4	4	4	2	2	2	4	4																							
13	Project Superintendent			0																																					
14	Assistant Superintendent			0																																					
15	Field Engineer			0																																					
16	MEP Coordinator	Dan Proud		32	4	2	2	4	4	2	2	4	4			4	4																								
17	Administrative Support			0																																					
18	Project Specific Accounting			0																																					
19	Scheduling			0																																					
20	3D Modeling/BIM	Parker Stokke		24					4	4		4	4			4	4																								
21	[enter other staff positions]			0																																					
22	[enter other staff positions]			0																																					
<b>CONSTRUCTION - SALARY</b>				14175	0	0	0	0	0	0	0	0	0	0	0	0	0	343	620	620	793	966	966	793	793	793	793	793	793	793	793	793	793	966	966	793	0	0	0	0	
23	Officers of the Company (included in fee)		Incl. In Fee	0																																					
24	Project Executive (included in fee)		Incl. In Fee	0																																					
25	Sr. Project Manager	Nathaniel Sperry		1029														57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	
26	Project Manager			0																																					
27	Assistant Project Manager			0																																					
28	Sr. Project Engineer			0																																					
29	Project Engineer	Jordan Luthi		3031														87	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	
30	Assistant Engineer	Intern		1039																																					
31	Senior/General Superintendent			0																																					
32	Project Superintendent	Dan Proud		3031														87	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	
33	Project Superintendent	Bryce Zachman		2252																																					
34	Field Engineer	Brandon Martinez		3031														87	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	
35	MEP Coordinator			0																																					
36	Administrative Support	Angela Spaulding		606														17	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35		
37	Project Specific Accounting			0																																					
38	Scheduling			0																																					
39	Safety Director	John Luthi		156														9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
40	Safety Personnel			0																																					
41	Quality Control Personnel			0																																					
42	Project Estimator (on site)			0																																					
43	3D Modeling/BIM	Parker Stokke		0																																					
44	[enter other staff positions]			0																																					
45	[enter other staff positions]			0																																					
<b>CONSTRUCTION - CRAFT/HOURLY</b>				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
46	Carpenter Foreman			0																																					
47	Labor Foreman			0																																					

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

**ALTERNATES (NOT INCLUDED IN THE COST SUMMARY)**

ITEM NO.	DESCRIPTION	AMOUNT
1	La Cantina Folding Glass Doors at Community Rooms	\$ 41,033
2	Millwork Full Height Cabinets in Lieu of FFE	\$ 16,319
2a	Millwork at Inspectors Desk, Permit Desk in lieu of FFE	\$ 27,985
2b	Millwork at Radius Reception Desk in lieu of FFE	\$ 44,310
3	SAP-3,4,5 Sound Absorbing Wall Units	\$ 145,471
3a	SAC-1 Level 2 Ceiling Baffles	\$ 63,749
4	Full Building Paging System	\$ 39,736
5	Tinted Sidewalks with Topcast System	\$ 10,060
6	Shrubs, Grasses and Perennials	\$ 86,194
7		

**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: 01/27/2023

Submitted Date: 3/02/2023

FIRM NAME: FCI CONSTRUCTORS, INC.

ITEM NO.	DESCRIPTION	OWNER	GENERAL CONTRACTOR	ARCHITECT
1	<b>PREDEVELOPMENT</b>			
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	<b>PLAN REVIEW / BUILDING PERMITS</b>			
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	<b>UTILITIES</b>			
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	<b>TAXES AND DEVELOPMENT FEES</b>			
54	Property Taxes	X		
55	Use Tax (as applicable)		X	
56	All Local, State and Federal Taxes for construction (as applicable)		X	
57				
58	<b>INSURANCE, BUILDERS RISK, BONDS</b>			
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	<b>TESTING AND INSPECTION / QUALITY CONTROL</b>			
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	<b>PRECONSTRUCTION</b>			
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	<b>CONSTRUCTION</b>			
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: 01/27/2023

Submitted Date: 3/02/2023

FIRM NAME: FCI CONSTRUCTORS, INC.

ITEM NO.	DESCRIPTION	OWNER	GENERAL CONTRACTOR	ARCHITECT
106				
107	<b>FURNITURE, FIXTURES &amp; EQUIPMENT</b>			
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. 112<sup>th</sup> 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.

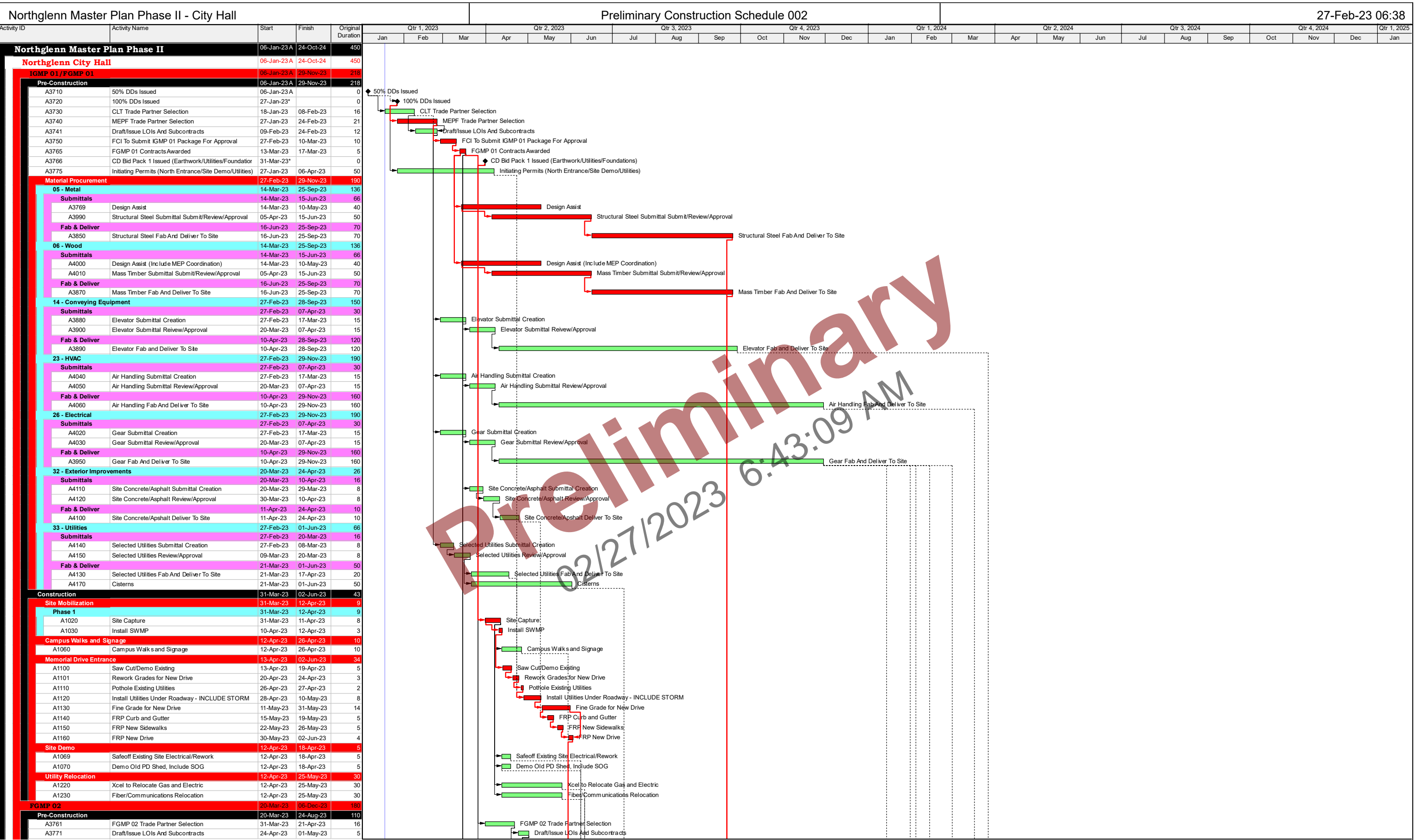
**PART 4: Summary of Items Not Included in FCI's Proposal which are Anticipated to be By Others:**

- 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:**

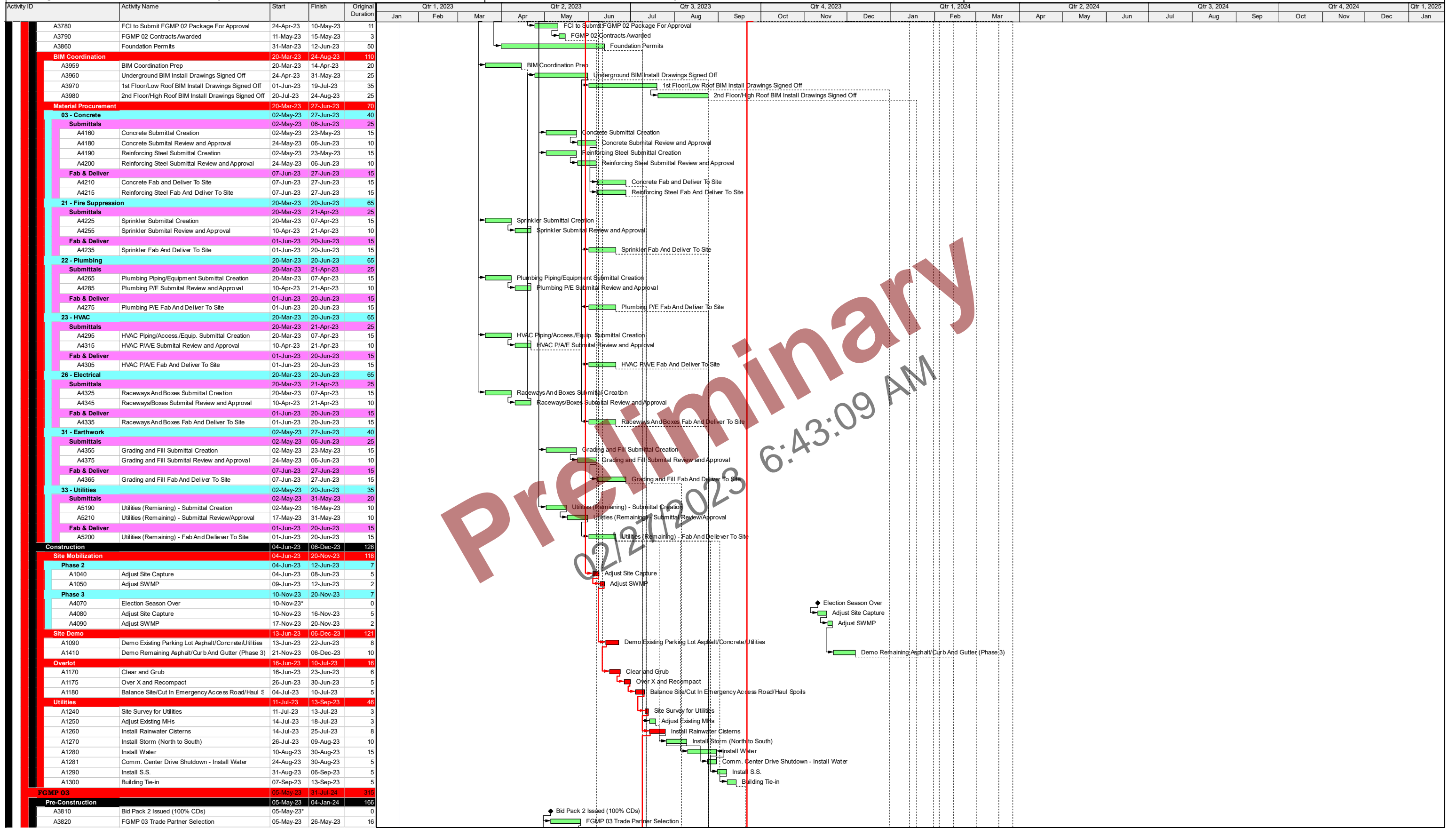
- Colorado State Tax (including RTD and SCFD taxes)
- City of Northglenn Sales and Use Tax
- Dry pipe fire sprinkler systems
- Davis Bacon or other Prevailing wages do not apply to this project
- Building permit and plan review fees
- Flood testing of roof
- Hazardous material abatement (see Voluntary 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



Preliminary  
02/27/2023 6:43:09 AM

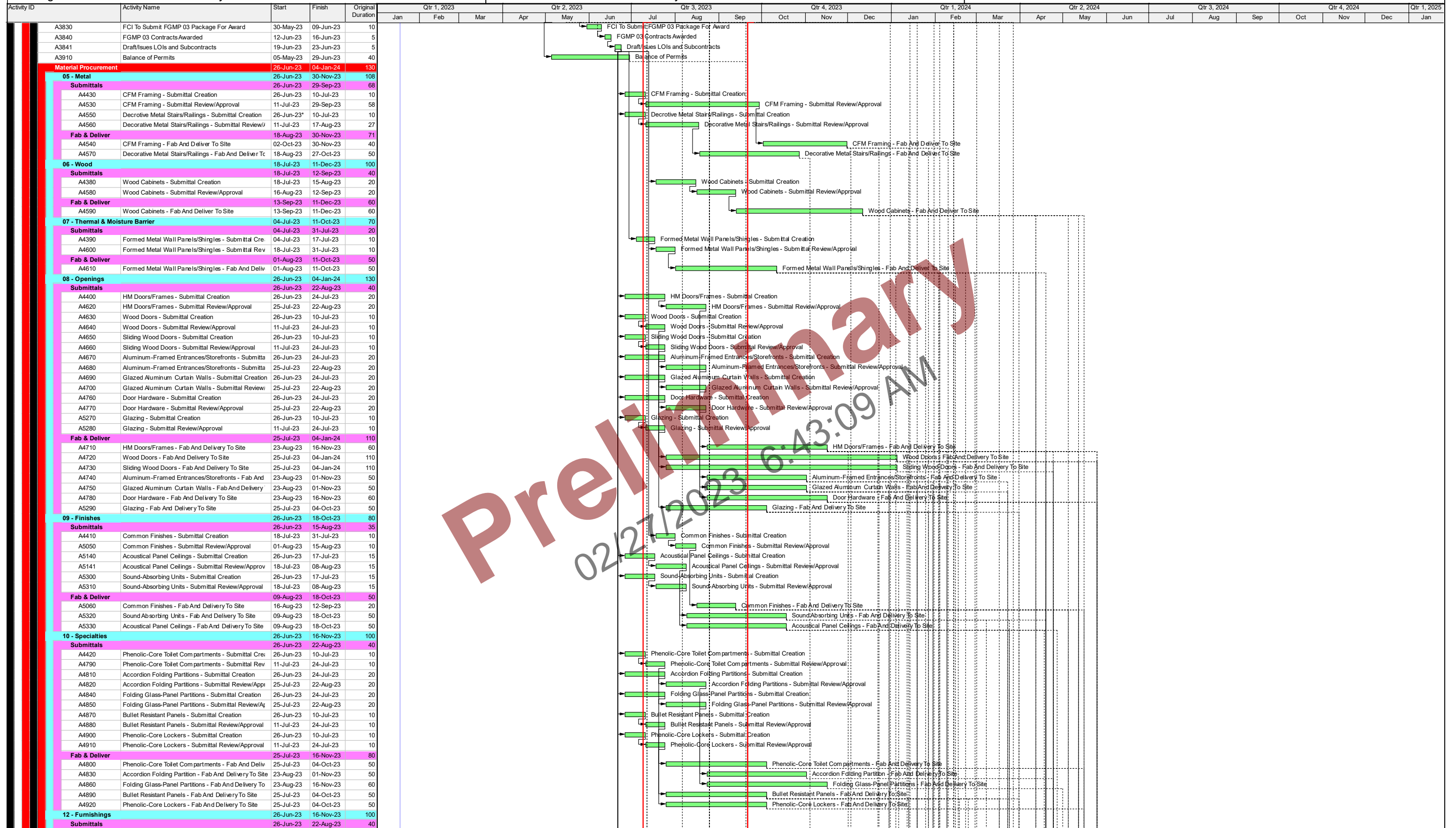
█ Actual Work   
 █ Critical Remaining Work  
█ Remaining Work   
 ◆ Milestone





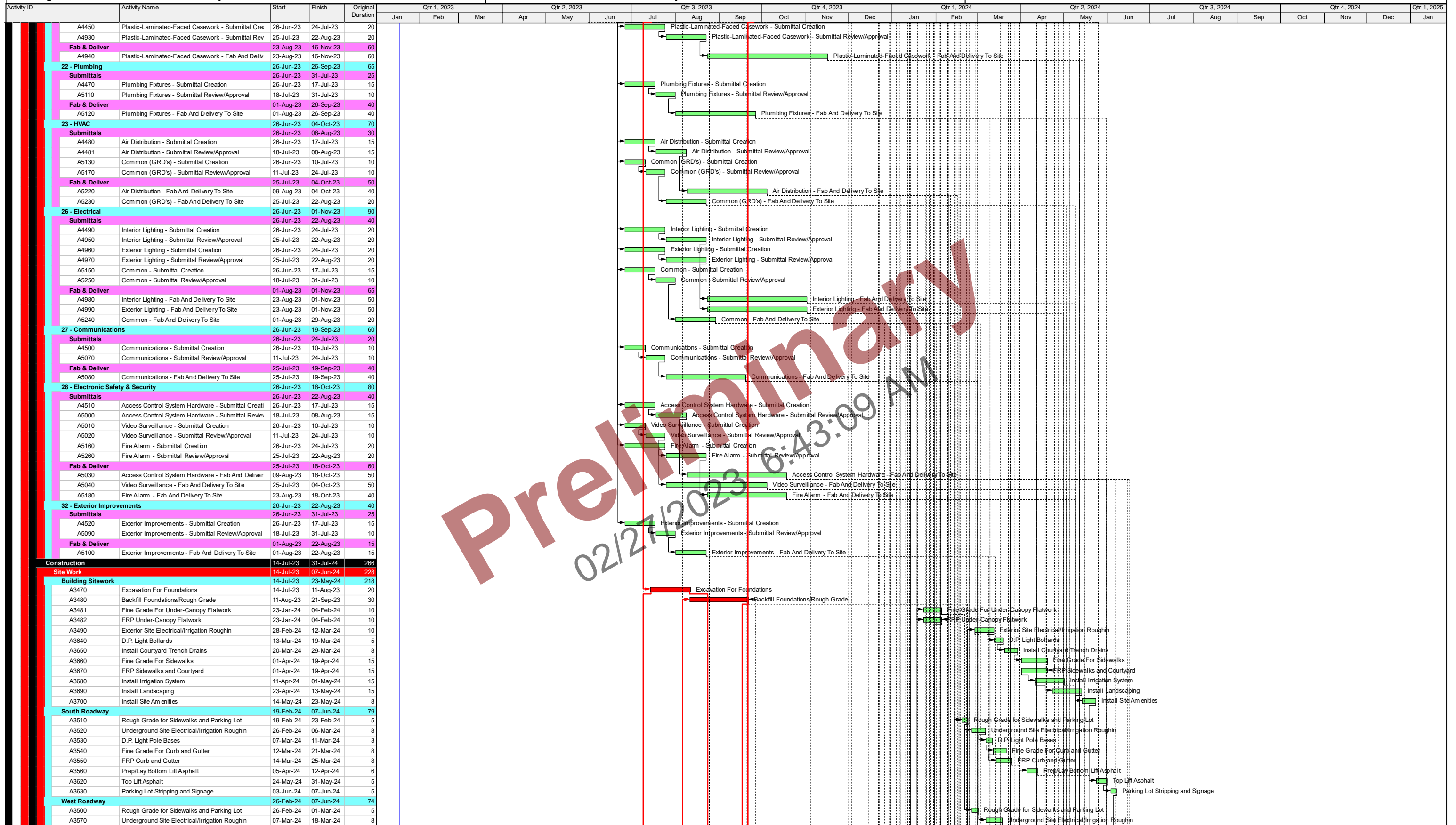
█ Actual Work   
 █ Critical Remaining Work  
█ Remaining Work   
 ◆ Milestone





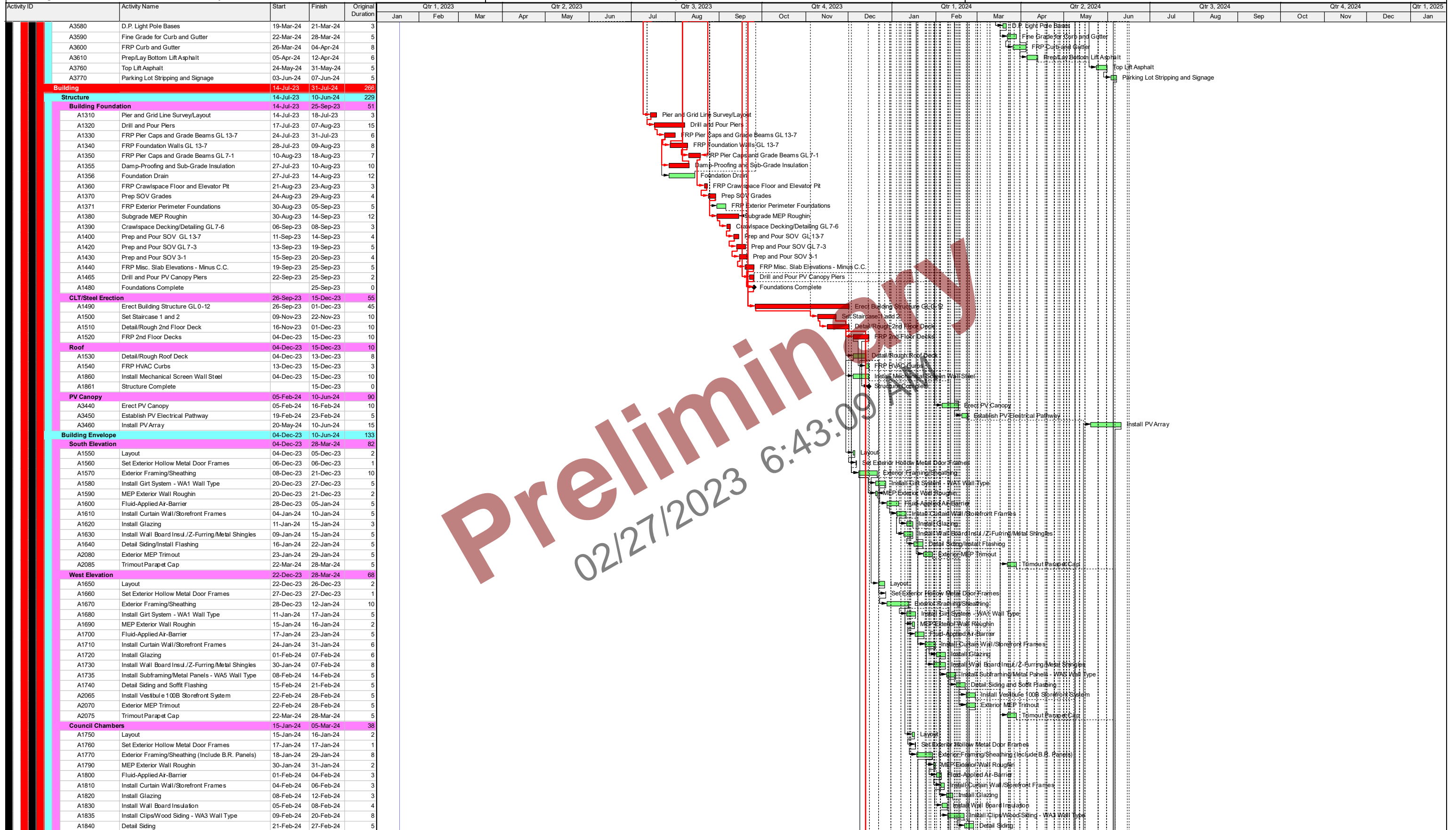
■ Actual Work   
 ■ Critical Remaining Work  
■ Remaining Work   
 ◆ Milestone





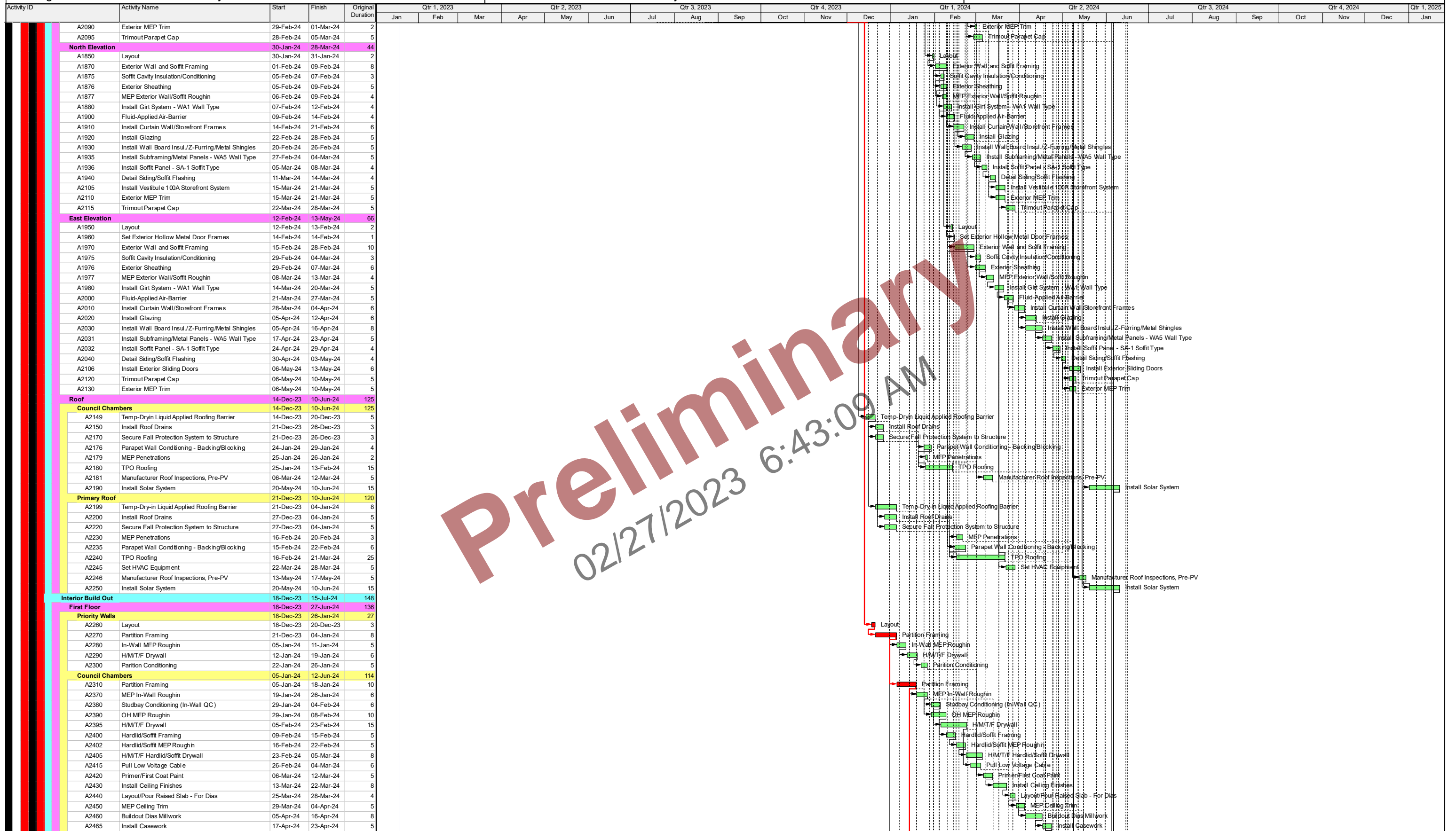
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 █ Critical Remaining Work  
█ Remaining Work   
 ◆ Milestone





Actual Work Remaining Work Critical Remaining Work Milestone

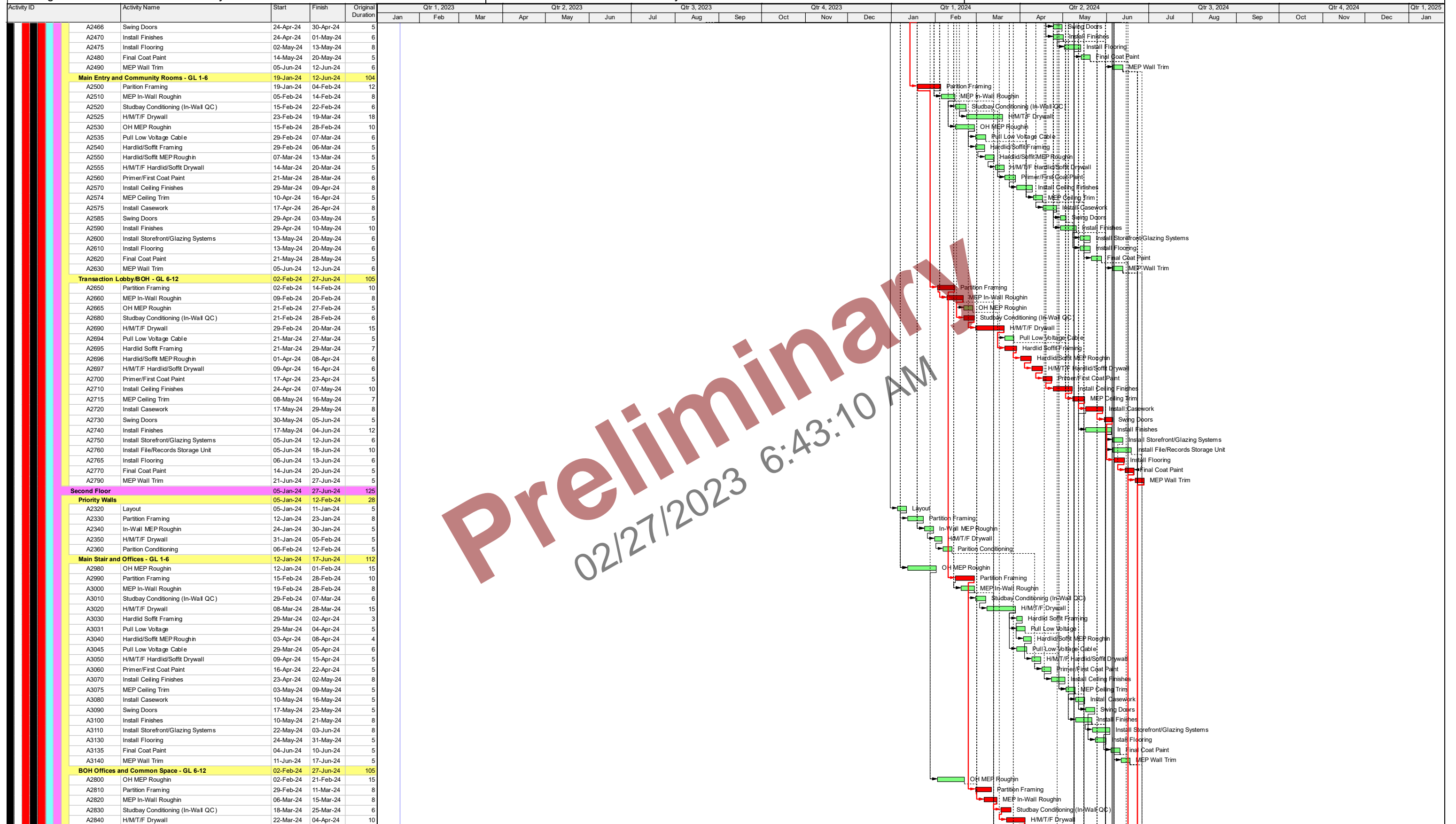


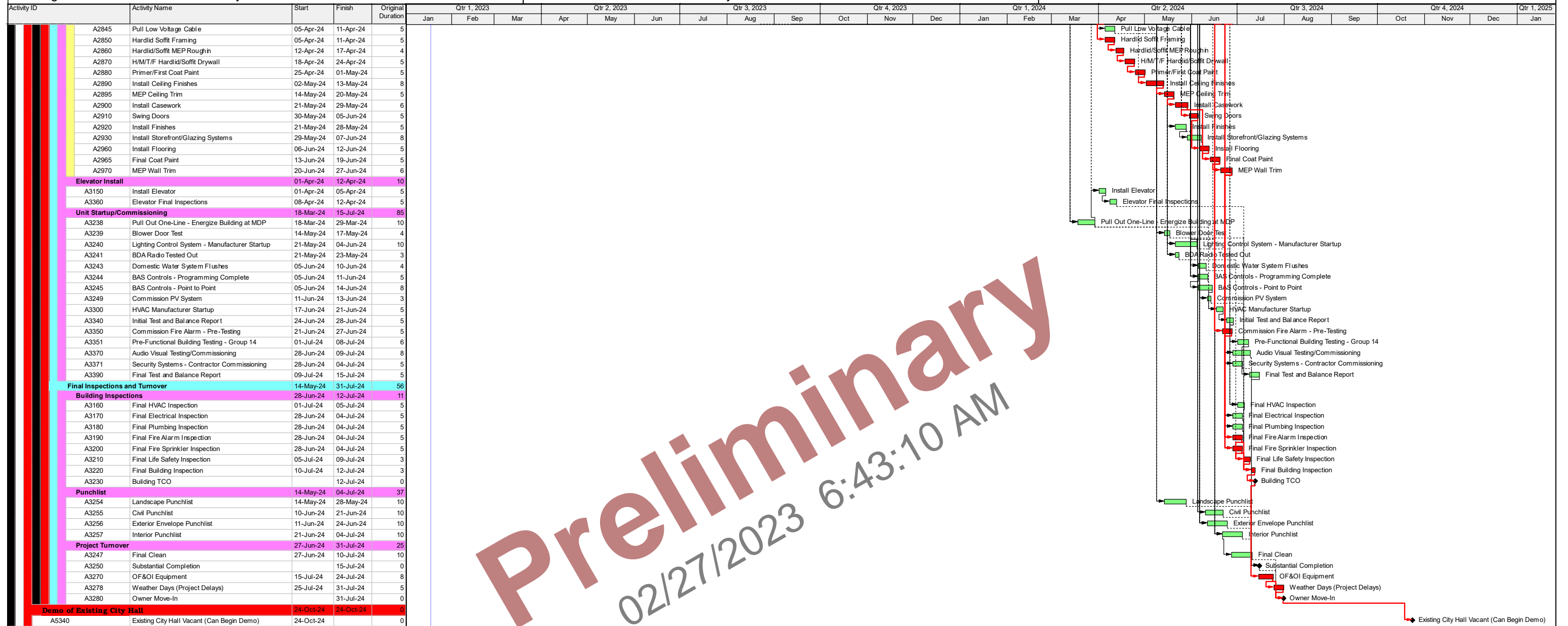


█ Actual Work   
 █ Critical Remaining Work  
█ Remaining Work   
 ◆ Milestone









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:**

<b>DIVISION 01</b>	<b>GENERAL REQUIREMENTS</b>
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
<b>DIVISION 02</b>	<b>EXISTING CONDITIONS</b>
02 41 19	SELECTIVE DEMOLITION
<b>DIVISION 03</b>	<b>CONCRETE</b>
03 30 00	CAST-IN-PLACE CONCRETE
03 35 19	POLISHED CONCRETE FINISHING
<b>DIVISION 04</b>	<b>MASONRY (NOT USED)</b>
<b>DIVISION 05</b>	<b>METAL</b>
05 12 00	STRUCTURAL STEEL
05 40 00	COLD-FORMED METAL FRAMING
05 50 00	METAL FABRICATIONS
05 52 13	PIPE AND TUBE RAILINGS
<del>05 53 13</del>	<del>BAR GRATINGS (Deleted in Addendum 1)</del>
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

*Design Development Construction Documents*  
 Northglenn City Hall  
 Enumeration of Construction Documents

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

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

# Design Development Construction Documents

## Northglenn City Hall

### Enumeration of Construction Documents

Document:	DWG #	Description:	Date: March 2, 2023	# of Pages
	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		
<b>DIVISION 26</b>		<b>ELECTRICAL</b>		
	26 05 00	COMMON WORK RESULTS FOR ELECTRICAL	26 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		
<b>DIVISION 27</b>		<b>COMMUNICATIONS</b>		
	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		
<b>DIVISION 28</b>		<b>ELECTRONIC SAFETY AND SECURITY</b>		
	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		

# Design Development Construction Documents

## Northglenn City Hall

### Enumeration of Construction Documents

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<b>DIVISION 31</b>	<b>EARTHWORK</b>
31 10 00	SITE CLEARING
31 20 00	EARTH MOVING
31 23 33	TRENCHING AND BACKFILLING
<b>DIVISION 32</b>	<b>EXTERIOR IMPROVEMENTS</b>
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
<b>DIVISION 33</b>	<b>UTILITIES</b>
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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Document:	DWG #	Description:	Date: March 2, 2023	# of Pages
	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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Document:	DWG #	Description:	Date: March 2, 2023	# of Pages
	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

## Design Development Construction Documents

### Northglenn City Hall

#### Enumeration of Construction Documents

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

*Design Development Construction Documents*

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Document:	DWG #	Description:	Date: March 2, 2023	# of Pages
	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
<b>CONCRETE</b>										
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							
<b>HEATERS</b>										
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							
<b>HEAVY EQUIPMENT</b>										
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							
<b>INFORMATION TECHNOLOGY</b>										
COPIER			200.00							
RADIOS, ON SITE COMM.			183.00							
Information Technology (IT) PER USER ***			245.00							
<b>SAFETY</b>										
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						
<b>SERVICES</b>									
FIREPROOFING - 2 MAN CREW	2,000.00								
FIREPROOFING MOB	500.00								
GROUND PENETRATING RADAR w/OPER**	2,000.00								
<b>SURVEY</b>									
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						
<b>TRUCKS/TRAILERS/STORAGE</b>									
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						
<b>TOOLS AND MISC.</b>									
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						
<b>TOTAL</b>									

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