

Amendment No. 1 - Exhibit C

CITY OF BRIGHTON
 BRIGHTON MAINTENANCE SERVICE CENTER
 Attachment 2 – Enumeration of Construction Documents

Document:	DWG #	Description:	Date:	# of Pages
	01 33 00	SUBMITTAL PROCEDURES		9
	01 33 10	CADD BIM RELEASE FORM		4
	01 40 00	QUALITY REQUIREMENTS		8
	01 42 00	REFERENCES		3
	01 47 00	TESTING AND INSPECTION		1
	01 50 00	TEMPORARY FACILITIES AND CONTROLS		6
	01 60 00	PRODUCT REQUIREMENTS		3
	01 73 00	EXECUTION		8
	01 74 19	CONSTRUCTION WASTE MANAGEMENT & DISPOSAL		3
	01 77 00	CLOSEOUT PROCEDURES		6
	01 78 23	OPERATION AND MAINTENANCE DATA		7
	01 78 39	PROJECT RECORD DOCUMENTS		4
	01 79 00	DEMONSTRATION AND TRAINING		5
	01 91 00	COMMISSIONING		9
 DIVISION 02 – EXISTING CONDITIONS				
	02 41 00	DEMOLITION		3
 DIVISION 03 – CONCRETE				
	03 30 00	CAST IN PLACE CONCRETE		17
	03 35 10	POLISHED CONCRETE FINISHING		6
	03 39 00	CURING, SEALING, & HARDENING CONCRETE FLOORS		3

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Document:	DWG #	Description:	Date:	# of Pages
DIVISION 04 – MASONRY				
	04 22 00	CONCRETE UNIT MASONRY		11
DIVISION 05 – METALS				
	05 12 00	STRUCTURAL STEEL FRAMING		10
	05 21 00	STEEL JOIST FRAMING		6
	05 31 00	STEEL DECKING		6
	05 40 00	COLD-FORMED METAL FRAMING		10
	05 50 00	METAL FABRICATIONS		10
	05 51 00	METAL STAIRS		8
	05 52 13	PIPE AND TUPE RAILINGS		8
DIVISION 06 – WOODS/PLASTICS/COMPOSITES				
	06 10 53	MISCELLANEOUS ROUGH CARPENTRY		9
	06 16 00	SHEATHING		11
	06 41 16	PLASTIC LAMINATE FACED ARCH. CABINETS		5
	06 60 00	PVC PANELING		5
	06 64 00	PLASTIC PANELING		3
DIVISION 07 – THERMAL AND MOISTURE PROTECTION				
	07 11 13	BITUMINOUS DAMPROOFING		4
	07 19 00	WATER REPELLENTS		4
	07 21 00	THERMAL INSULATION		5
	07 21 19	FOAMED-IN-PLACE INSULATION		3

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Document:	DWG #	Description:	Date:	# of Pages
	07 25 00	WEATHER BARRIERS		3
	07 26 00	VAPOR RETARDERS		2
	07 42 13.13	FORMED METAL WALL PANELS		8
	07 42 13.53	METAL SOFFIT PANELS		8
	07 54 23	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING		11
	07 62 00	SHEET METAL FLASHING AND TRIM		8
	07 72 00	ROOF ACCESSORIES		7
	07 72 33	ROOF HATCHES		3
	07 84 00	FIRESTOPPING		6
	07 92 00	JOINT SEALANTS		8
 DIVISION 08 – OPENINGS				
	08 11 13	HOLLOW METAL DOORS AND FRAMES		8
	08 14 16	FLUSH WOOD DOORS		4
	08 22 20	FRP DOORS AND FRAMES		6
	08 31 13	ACCESS DOORS AND FRAMES		3
	08 36 10	OVERHEAD SECTIONAL DOORS		4
	08 41 13	ALUMINUM-FRAMED ENTRANCES & STOREFRONTS		9
	08 71 00	DOOR HARDWARE		27
	08 80 00	GLAZING		7
 DIVISION 09 – FINISHES				
	09 22 16	NON-STRUCTURAL METAL FRAMING		5
	09 29 00	GYPSUM BOARD		8

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Document:	DWG #	Description:	Date:	# of Pages
	09 30 00	TILING		8
	09 51 13	ACOUSTICAL PANEL CEILINGS		5
	09 65 13	RESILIENT BASE AND ACCESSORIES		3
	09 68 13	TILE CARPETING		5
	09 91 13	EXTERIOR PAINTING		6
	09 91 23	INTERIOR PAINTING		7
	09 96 00	HIGH-PERFORMANCE COATINGS		6
	09 97 23	CONCRETE SEALERS		2
 DIVISION 10 – SPECIALTIES				
	10 11 00	VISUAL DISPLAY UNITS		6
	10 14 16	PLAQUES		5
	10 14 19	DIMENSIONAL LETTER SIGNAGE		5
	10 14 23	ROOM IDENTIFICATION SIGNAGE		4
	10 21 13.17	SOLID PHENOLIC TOILET COMPARTMENTS		5
	10 26 00	WALL PROTECTION		4
	10 28 00	TOILET AND BATH ACCESSORIES		4
	10 44 13	FIRE PROTECTION CABINETS		5
	10 44 16	FIRE EXTINGUISHERS		2
	10 51 00	PHENOLIC LOCKERS		5
	10 51 13	METAL LOCKERS		5
 DIVISION 11 – EQUIPMENT				
	11 31 00	RESIDENTIAL APPLIANCES		4

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DIVISION 12 – FURNISHINGS

12 24 13	ROLLER WINDOW SHADES	10
12 36 61.16	SOLID SURFACING COUNTERTOPS	4

DIVISION 13 – NOT USED

DIVISION 14 – NOT USED

VOLUME 2 – TECHNICAL SPECIFICATION SECTIONS

DIVISION 21 – FIRE SUPPRESSION (DEFERRED SUBMITTAL)

21 04 00	BASIC FIRE SUPPRESSION REQUIREMENTS	8
21 05 00	COMMON WORK RESULTS FOR FIRE SUPPRESSION	6
21 13 13	WET-PIPE SPRINKLER SYSTEMS	13
21 16 16	DRY PIPE SPRINKLER SYSTEM	13

DIVISION 22 – PLUMBING

22 05 00	COMMON WORK RESULTS FOR PLUMBING	14
22 05 13	COMMON MOTOR REQ. FOR PLUMBING EQUIPMENT	2
22 05 17	SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING	4
22 05 19	METERS AND GAGES FOR PLUMBING PIPING	2
22 05 23.12	BALL VALVES FOR PLUMBING PIPING	3
22 05 29	HANGERS & SUPPORTS FOR PLUMBING PIPING & EQUIP.	5
22 05 33	HEAT TRACING FOR PLUMBING PIPING	4

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	22 05 53	IDENTIFICATION FOR PLUMBING PIPING AND EQUIP.		2
	22 07 13	PLUMBING PIPING INSULATION		9
	22 08 00	COMMISSIONING OF PLUMBING SYSTEMS		5
	22 11 16	DOMESTIC WATER PIPING		11
	21 11 19	DOMESTIC WATER PIPING SPECIALTIES		4
	22 11 23.21	INLINE, DOMESTIC-WATER PUMPS		3
	22 13 16	SANITARY WASTE AND VENT PIPING		10
	22 13 19	SANITARY WASTE PIPING SPECIALTIES		4
	22 13 19.13	SANITARY DRAINS		3
	22 14 13	FACILITY STORM DRAIN PIPING		7
	22 14 23	STORM DRAINAGE PIPING SPECIALTIES		3
	22 15 13	GENERAL-SERVICE COMPRESSED AIR PIPING		12
	22 15 19	GEN.-SERVICE PACKAGED AIR COMPRESSORS & RECEIVERS		5
	22 34 00	FUEL-FIRED, DOMESTIC-WATER HEATERS		5
	22 47 13	DRINKING FOUNTAINS		3
 DIVISION 23 – HEATING/VENTILATING/AIR CONDITIONING				
	23 05 00	COMMON WORK RESULTS FOR HVAC		12
	23 05 13	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIP.		2
	23 05 29	HANGERS & SUPPORTS FOR HVAC PIPING & EQUIPMENT		7
	23 05 48.13	VIBRATION CONTROLS FOR HVAC		6
	23 05 53	IDENTIFICATION FOR HVAC PIPING & EQUIPMENT		3
	23 05 93	TESTING, ADJUSTING, & BALANCING FOR HVAC		7
	23 07 13	DUCT INSULATION		14

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Document:	DWG #	Description:	Date:	# of Pages
	23 08 00	COMMISSIONING OF HVAC		7
	23 09 00	INSTRUMENTATION AND CONTROL FOR HVAC		19
	23 09 23	DIRECT DIGITAL CONTROL SYSTEM FOR HVAC		33
	23 09 23.12	CONTROL DAMPERS		11
	23 11 23	FACILITY NATURAL-GAS PIPING		16
	23 23 00	REFRIGERANT PIPING SYSTEMS		13
	23 29 23	VARIABLE-FREQ. MOTOR CONTROLLERS FOR HVAC		9
	23 31 13	METAL DUCTS		12
	23 33 00	AIR DUCT ACCESSORIES		13
	23 33 46	FLEXIBLE DUCTS		1
	23 34 16	CENTRIFUGAL HVAC FANS		7
	23 34 23	HVAC POWER VENTILATORS		6
	23 37 13	AIR DEVICES		4
	23 55 23.13	GAS-FIRED, RADIANT HEATERS		6
	23 74 16.13	PACKAGED ROOFTOP AIR-CONDITIONING UNITS		17
	23 82 39.16	PROPELLER UNIT HEATERS		4
	23 82 39.19	WALL AND CEILING UNIT HEATERS		2

DIVISION 24 – NOT USED

DIVISION 25 – NOT USED

DIVISION 26 – ELECTRICAL

	26 05 00	COMMON WORK RESULTS FOR ELECTRICAL		3
	26 05 19	LOW VOLTAGE ELEC. POWER CONDUCTORS & CABLES		6

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	26 05 26	GROUNDING AND BONDING FOR ELEC. SYSTEMS		4
	26 05 29	HANGERS AND SUPPORTS FOR ELEC. SYSTEMS		4
	26 05 33	RACWAYS AND BOXES FOR ELEC. SYSTEMS		10
	26 05 53	IDENTIFICATION FOR ELECTRICAL SYSTEMS		6
	26 09 23	LIGHTING CONTROL DEVICES		7
	23 22 00	LOW-VOLTAGE TRANSFORMERS		4
	26 24 16	PANELBOARDS		8
	26 27 26	WIRING DEVICES		8
	26 27 46	ELECTRIC VEHICLE CHARGING STATIONS		5
	26 28 13	FUSES		2
	26 32 13.13	DIESEL EMERGENCY ENGINE GENERATORS		15
	26 33 23.11	CENTRAL BATTERY EQUIP. FOR EMERGENCY LIGHTING		7
	26 36 00	TRANSFER SWITCHES		9
	26 51 00	INTERIOR LIGHTING		6
	26 56 00	EXTERIOR LIGHTING		8
 DIVISION 28 – ELECTRONIC SAFETY AND SECURITY (DEFERRED SUBMITTAL)				
	28 46 21	ADDRESSABLE FIRE-ALARM SYSTEM		10
 DIVISION 29 – NOT USED				
DIVISION 30 – NOT USED				
 DIVISION 31 – EARTHWORK				
	30 00 00	EARTHWORK		21

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31 25 00	EROSION AND SEDIMENTATION CONTROLS			5
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DIVISION 32 – EXTERIOR IMPROVEMENTS

32 12 00	FLEXIBLE PAVING			13
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32 13 00	RIGID PAVING			10
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32 29 00	GENERAL LANDSCAPE			8
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32 84 00	UNDERGROUND IRRIGATION			9
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32 91 00	SOIL PREPARATION			2
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32 92 19	SEEDING			3
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32 29 23	SODDING			3
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DIVISION 33 – SITE UTILITIES

33 10 00	WATER UTILITIES			43
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33 33 00	SANITARY SEWERAGE UTILITIES			23
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33 40 00	STORM DRAINAGE UTILITIES			13
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CIVIL Drawings: Dated December 16, 2022

PS-C-000	COVER SHEET			1
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PS-C-001	LEGENDS, NOTES, ABBREVIATIONS			1
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PS-C-010	DEMOLITION PLAN			1
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PS-C-050	INITIAL EROSION CONTROL PLAN			1
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PS-C-051	INTERM EROSION CONTROL PLAN			1
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PS-C-052	FINAL EROSION CONTROL PLAN			1
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PS-C-053,054,055	SWMP AND EROSION CONTROL DETAILS			3
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PS-C-100	OVERALL GRADING AND DRAINAGE PLAN			1
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PS-C-101,102,103,104	DETAILED GRADING AND DRAINAGE PLAN			4
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PS-C-110,111,112,113,114	STORM PLAN AND PROFILE			5
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PS-C-150,151,152,153,154,155	DRAINAGE DETAILS			6
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	PS-C-200	OVERALL UTILITY PLAN		1
	PS-C-210,211,212,213	WATER LINE PLAN AND PROFILE		4
	PS-C-220,221	SANITARY PLAN AND PROFILE		2
	CD2.0,2.1,2.2	UTILITY DETAILS		3
	PS-C-300	OVERALL HORIZONTAL CONTROL PLAN		1
	PS-C-301,302,303,304	DETAILED HORIZONTAL CONTROL DETAILS		4
	PS-C-350,351,352,353,354	SITE DETAILS		5
	L-101	OVERALL SITE		1
	L-102,103	LANDCAPE PLAN		2
	L-004,005	NOTES AND DETAILS		2
	I-101	IRRIGATION ALIGNMENT		1
	I-102,103	IRRIGATION PLAN		1
	I-004	IRRIGATION NOTES		1
	I-005	IRRIGATION DETAILS		1
	A-021	ARCHITECTURAL SITE PLAN		1
	A-031	ENLARGED ACCES GATE LAYOUTS		1
	A-032	TRASH ENCLOSURE – 3D AXOS AND ELEVATIONS		1

FLEET BUILDING Drawings: Dated December 22, 2022

	COVER	COVER SHEET		1
	G-001	VICINITY MAP AND DESIGN TEAM DIRECTORY		1
	G-002	SHEET INDEX		1
	G-003	PROJECT GENERAL NOTES		1
	GI-001	CODE ANALYSIS		1
	GI-002	ROOM OCCUPANCY SCHEDULE		1
	GI-101,102	CODE ANALYSIS PLANS		2
	S-001	GENERAL NOTES		1
	S-002	STATEMENT OF SPECIAL INSTRUCTIONS		1
	S-003	ABBREVIATION, SYMBOLS KEY, & 3D SCHEMATIC VIEW		1
	S-004	ROOF SNOW LOAD DIAGRAM		1
	S-101	FOUNDATION PLAN – FLEET BUILDING		1
	S-102	MEZZANINE FLOOR FRAMING PLAN – FLEET BUILDING		1
	S-103	ROOF FRAMING PLAN – FLEET BUILDING		1
	S-301,302,303	WALL ELEVATIONS		3
	S-401	LATERAL FRAME DETAILS		1
	S-402,403	LATERAL FRAME ELEVATIONS		2
	S-501	TYP. DETAILS & SCHEDULES – CONCRETE		1
	S-502	TYP. DETAILS & SCHEDULES – STEEL		1
	S-503	TYP. DETAILS – STEEL		1
	S-503,504,505,506,507	COLD FORMED STEEL		4
	S-511	FOUNDATION DETAILS		1
	S-521	FLOOR DETAILS		1

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Document:	DWG #	Description:	Date:	# of Pages
	S-522	FLOOR AND CANOPY DETAILS		1
	S-531	ROOF DETAILS		1
	A-001	ARCHITECTURAL, ABBREVIATIONS, SYMBOLS, & MATERIALS		1
	A-011	PARTITION TYPES AND DETAILS		1
	A-012	SIGNAGE		1
	A-101	FLEET – FLOOR PLAN – LEVEL 1		1
	A-102	FLEET – FLOOR PLAN – LEVEL 2		1
	A-111	FLEET – ENLARGED FLOOR PLAN – LEVEL 1 – AREA 1		1
	A-112	FLEET – ENLARGED FLOOR PLAN – LEVEL 1 – AREA 2		1
	A-113	FLEET ENLARGED FLOOR PLAN – LEVEL 2 – AREA 1		1
	A-131	FLEET – ENLARGED FLOOR PLAN – LEVEL 1 – AREA 1 – DIMENSION		1
	A-132	FLEET – ENLARGED FLOOR PLAN – LEVEL 1 – AREA 2 – DIMENSION		1
	A-141	FLEET – ENLARGED FLOOR PLAN – LEVEL 2 – AREA 1 – DIMENSION		1
	A-201	FLEET – REFLECTED CEILING PLAN – LEVEL 1		1
	A-202	FLEET – REFLECTED CEILING PLAN – LEVEL 2		1
	A-211	FLEET – ENLARGED REFLECTED CEILING PLAN – LEVEL 1 – AREA 1		1
	A-212	FLEET – ENLARGED REFLECTED CEILING PLAN – LEVEL 1 – AREA 2		1
	A-213	FLEET – ENLARGED REFLECTED CEILING PLAN – LEVEL 2 – AREA 1		1
	A-231	CEILING DETAILS		1
	A-251	FLEET – ROOF PLAN		1
	A-252	ROOF DETAILS		1
	A-301	AXONOMETRIC VIEW – LOOKING NORTHWEST		1
	A-302	AXONOMETRIC VIEW – LOOKING SOUTHEAST		1
	A-311,312	BUILDING ELEVATIONS		2
	A-401,402	BUILDING SECTIONS		2
	A-411,412,413	WALL SECTIONS		3
	A-423	STAIR DETAILS		1
	A-501	LARGE SCALE RESTROOM PLANS		1
	A-502	LARGE SCALE VIEWS		1
	A-511,512	ENLARGED INTERIOR ELEVATIONS		1
	A-513	3D AXONMETRICS – RESTROOMS		1
	A-521	ENLARGED STAIR VIEWS		1
	A-522	ENLARGED WASH BAY PLATFORM VIEWS		1
	A-601	INTERIOR ELEVATIONS		1
	A-611	CASEWORK DETAILS		1
	A-701	ROOM FINISH SCHEDULE		1
	A-702	MATERIAL SCHEDULES		1
	A-711	DOOR SCHEDULE		1
	A-712	DOOR DETAILS		1
	A-721	WINDOW ELEVATIONS		1
	A-722	WINDOW AND STOREFRONT DETAILS		1
	A-901,902	3D AXONOMETRICS – PLAN CUT		2
	I-101	FINISH PLAN – FIRST FLOOR		1

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	I-102	FINISH PLAN – SECOND FLOOR		1
	I-111	ENLARGED FINISH PLAN – FIRST FLOOR – AREA 1		1
	I-112	ENLARGED FINISH PLAN – FIRST FLOOR – AREA 2		1
	I-113	ENLARGED FINISH PLAN – SECOND FLOOR – AREA 1		1
	Q-101	FLOOR PLAN – LEVEL 1 – EQUIPMENT		1
	Q-111	ENLARGED FLOOR PLAN – LEVEL 1 – EQUIPMENT PLAN – AREA 1		1
	Q-112	ENLARGED FLOOR PLAN – LEVEL 1 – EQUIPMENT PLAN – AREA 2		1
	MP-000	MECHANICAL AND PLUMBING LEGEND		1
	MP-001,002	MECHANICAL AND PLUMBING DETAILS		2
	MP-003	PLUMBING SCHEDULES		1
	MP-004,005	MECHANICAL SCHEDULES		2
	M-101	FLEET – MECHANICAL PLAN – FLOOR 1		1
	M-102	FLEET – MECHANICAL PLAN – FLOOR 2		1
	M-103	FLEET – MECHANICAL PLAN – ROOF		1
	M-201	FLEET – ENLARGED MECHANICAL PLAN – FLOOR 1 OFFICE SPACE		1
	M-202	FLEET – ENLARGED MECHANICAL PLAN – FLOOR 2 OFFICE SPACE		1
	P-101	FLEET – DOMESTIC WATER AND GAS PLAN – LEVEL 1		1
	P-102	FLEET – DOMESTIC WATER AND GAS PLAN – LEVEL 2		1
	P-103	FLEET – PLUMBING ROOF PLAN		1
	P-201	FLEET – SANITARY WASTE AND VENT PLAN – LEVEL 1		1
	P-202	FLEET – SANITARY WASTE AND VENT PLAN – LEVEL 2		1
	P-301	FLEET – ENLARGED DOMESTIC WATER PLAN – FLOOR 1 OFFICE SPACE		1
	P-302	FLEET – ENLARGED DOMESTIC WATER PLAN – FLOOR 2 OFFICE SPACE		1
	P-401	FLEET – ENLARGED SANITARY WASTE & VENT PLAN – FLOOR 1 OFFICE SPACE		1
	P-402	FLEET – ENLARGED SANITARY WASTE & VENT PLAN – FLOOR 2 OFFICE SPACE		1
	P-501	PLUMBING DIAGRAMS		1
	E-001	ELECTRICAL LEGEND		1
	E-002	ELECTRICAL ONE-LINE DIAGRAM		1
	E-003,004,005,006	ELECTRICAL SCHEDULES		4
	E-101	FLEET – ENLARGED POWER PLAN – LEVEL 1 – AREA 1		1
	E-102	FLEET – ENLARGED POWER PLAN - LEVEL 1 – AREA 2		1
	E-103	FLEET – ENLARGED POWER PLAN – LEVEL 2 – AREA 1		1
	E-104	FLEET – ENLARGED POWER PLAN – ROOF – AREA 1		1
	E-105	FLEET – ENLARGED POWER PLAN – ROOF – AREA 2		1
	E-201	FLEET – ENLARGED LIGHTING PLAN – LEVEL 1 – AREA 1		1
	E-202	FLEET – ENLARGED LIGHTING PLAN – LEVEL 1 – AREA 2		1
	E-203	FLEET – ENLARGED LIGHTING PLAN – LEVEL 2 – AREA 1		1
	E-301	SITE ELECTRICAL PLAN		1

OPERATIONS BUILDING Drawings: Dated December 22, 2022

COVER	COVER SHEET	1
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Document:	DWG #	Description:	Date:	# of Pages
	G-001	LOCATION AND VICINITY MAP, DESIGN TEAM		1
	G-002	SHEET INDEX		1
	G-003	PROJECT GENERAL NOTES		1
	GI-001	CODE ANALYSIS		1
	GI-002	ROOM OCCUPANCY SCHEDULE		1
	GI-101	OPS – LIFE SAFETY PLAN – LEVEL 1		1
	GI-102	OPS – LIFE SAFETY PLAN – LEVEL 2		1
	S-001	GENERAL NOTES		1
	S-002	STATEMENT OF SPECIAL INSTRUCTIONS		1
	S-003	ABBREVIATION, SYMBOLS KEY, & 3D SCHEMATIC VIEW		1
	S-004	ROOF SNOW LOAD DIAGRAM		1
	S-101	OPS – OVERALL FOUNDATION PLAN		1
	S-111	OPS – FOUNDATION PLAN – AREA 1		1
	S-112	OPS – FOUNDATION PLAN – AREA 2		1
	S-113	OPS – FOUNDATION PLAN – AREA 3		1
	S-120	OPS – OVERALL MEZZANINE/LOW ROOF FRAMING PLAN		1
	S-121	OPS – LOW ROOF FRAMING PLAN – AREA 1		1
	S-122	OPS – MEZZANINE/LOW ROOF FRAMING PLAN – AREA 2		1
	S-123	OPS – MEZZANINE/LOW ROOF FRAMING PLAN – AREA 3		1
	S-260	OPS – ROOF FRAMING PLAN		1
	S-261	OPS – HIGH ROOF FRAMING PLAN – AREA 1		1
	S-262	OPS – HIGH ROOF FRAMING PLAN – AREA 2		1
	S-263	OPS – HIGH ROOF FRAMING PLAN – AREA 3		1
	S-311,312,313	WALL ELEVATIONS		3
	S-401	LATERAL FRAME DETAILS		1
	S-402,403	LATERAL FRAME ELEVATIONS		2
	S-501	TYP. DETAILS & SCHEDULES – CONCRETE		1
	S-502	TYP. DETAILS & SCHEDULES – MASONRY		1
	S-503	TYP. DETAILS & SCHEDULES – STEEL		1
	S-504	TYP. DETAILS – STEEL		1
	S-505,506,507,508	COLD FORMED STEEL		4
	S-511,512	FOUNDATION DETAILS		2
	S-521	FLOOR DETAILS		1
	S-522	FLOOR AND CANOPY DETAILS		1
	S-531,532	ROOF DETAILS		2
	A-001	ARCHITECTURAL, ABBREVIATIONS, SYMBOLS, & MATERIALS		1
	A-011	PARTITION TYPES AND DETAILS		1
	A-012	SIGNAGE		1
	A-101	FLOOR PLAN – FIRST FLOOR		1
	A-102	FLOOR PLAN - MEZZANINE		1
	A-111	ENLARGED FLOOR PLAN – FIRST FLOOR – AREA 1		1
	A-112	ENLARGED FLOOR PLAN – FIRST FLOOR – AREA 2		1
	A-113	ENLARGED FLOOR PLAN – FIRST FLOOR – AREA 3		1

CITY OF BRIGHTON
 BRIGHTON MAINTENANCE SERVICE CENTER
 Attachment 2 – Enumeration of Construction Documents

Document:	DWG #	Description:	Date:	# of Pages
	A-121	ENLARGED FLOOR PLAN – MEZZANINE – AREA 1		1
	A-122	ENLARGED FLOOR PLAN – MEZZANINE – AREA 2		1
	A-123	ENLARGED FLOOR PLAN – MEZZANINE – AREA 3		1
	A-131	ENLARGED DIMENSION FLOOR PLAN – FIRST FLOOR – AREA 1		1
	A-132	ENLARGED DIMENSION FLOOR PLAN – FIRST FLOOR – AREA 2		1
	A-133	ENLARGED DIMENSION FLOOR PLAN – FIRST FLOOR – AREA 3		1
	A-141	ENLARGED DIMENSION FLOOR PLAN – MEZZANINE – AREA 1		1
	A-142	ENLARGED DIMENSION FLOOR PLAN – MEZZANINE – AREA 2		1
	A-143	ENLARGED DIMENSION FLOOR PLAN – MEZZANINE – AREA 3		1
	A-201	REFLECTED CEILING PLAN – FIRST FLOOR		1
	A-202	REFLECTED CEILING PLAN – SECOND FLOOR		1
	A-211	ENLARGED REFLECTED CEILING PLAN – FIRST FLOOR – AREA 1		1
	A-212	ENLARGED REFLECTED CEILING PLAN – FIRST FLOOR – AREA 2		1
	A-213	ENLARGED REFLECTED CEILING PLAN – FIRST FLOOR – AREA 3		1
	A-223	ENLARGED REFLECTED CEILING PLAN – MEZZANINE – AREA 3		1
	A-231	CEILING DETAILS		1
	A-251	ROOF PLAN		1
	A-252	ROOF DETAILS		1
	A-301	3D AXONOMETRIC – SOUTHEAST		1
	A-302	3D AXONOMETRIC - NORTHWEST		1
	A-311,312,313	BUILDING ELEVATIONS		3
	A-401,402,403	BUILDING SECTIONS		3
	A-411,412,413,414	WALL SECTIONS		4
	A-423	STAIR DETAILS		1
	A-501	LARGE SCALE RESTROOM PLANS		1
	A-511,512,513	LARGE SCALE ELEVATIONS		3
	A-521	ENLARGED STAIR PLANS AND SECTIONS		1
	A-601,602,603,604,605,606,607,608	INTERIOR ELEVATIONS		8
	A-611	CASEWORK DETAILS		1
	A-701	ROOM FINISH SCHEDULE		1
	A-702	MATERIAL AND FINISHES SCHEDULE		1
	A-711,712	DOOR SCHEDULE		2
	A-713	DOOR DETAILS		1
	A-721,722	WINDOW ELEVATIONS		2
	A-723	WINDOW AND STOREFRONT DETAILS		1
	A-901,902	3D AXONOMETRICS – PLAN CUT		2
	I-101	FINISH PLAN – FIRST FLOOR		1
	I-102	FINISH PLAN – SECOND FLOOR		1
	I-111	FINISH PLAN – FIRST FLOOR – AREA 1		1
	I-112	FINISH PLAN – FIRST FLOOR – AREA 2		1
	I-113	FINISH PLAN – FIRST FLOOR – AREA 3		1
	I-123	FINISH PLAN – SECOND FLOOR – AREA 3		1
	Q-101	FLOOR PLAN – FIRST FLOOR – EQUIPMENT		1

CITY OF BRIGHTON
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 Attachment 2 – Enumeration of Construction Documents

Document:	DWG #	Description:	Date:	# of Pages
Q-111		ENLARGED FLOOR PLAN – FIRST FLOOR – EQUIPMENT – AREA 1		1
Q-112		ENLARGED FLOOR PLAN – FIRST FLOOR – EQUIPMENT – AREA 2		1
Q-113		ENLARGED FLOOR PLAN – FIRST FLOOR – EQUIPMENT – AREA 3		1
MP-000		MECHANICAL AND PLUMBING LEGEND		1
MP-001,002		MECHANICAL AND PLUMBING DETAILS		2
MP-003		PLUMBING SCHEDULES		1
MP-004,005		MECHANICAL SCHEDULES		2
M-101		OPS – MECHANICAL PLAN – FLOOR 1		1
M-102		OPS – MECHANICAL PLAN – FLOOR 2		1
M-103		OPS – MECHANICAL PLAN – ROOF		1
M-201,202,203,204,205,206		OPS – ENLARGED MECHANICAL PLANS		6
P-101		OPS – DOMESTIC WATER AND GAS PLAN – LEVEL 1		1
P-102		OPS – DOMESTIC WATER AND GAS PLAN – LEVEL 2		1
P-103		OPS – DOMESTIC WATER AND GAS PLAN – ROOF		1
P-201		OPS – SANITARY WASTE AND VENT PLAN – LEVEL 1		1
P-202		OPS – SANITARY WASTE AND VENT PLAN – LEVEL 2		1
P-203		OPS – SANITARY WASTE AND VENT PLAN – ROOF		1
P-301		OPS – ENLARGED DOMESTIC WATER AND GAS PLANS		1
P-401		OPS– ENLARGED SANITARY WASTE & VENT PLANS		1
P-501		PLUMBING ISOMETRIC		1
P-502,503,504		ENLARGED PLUMBING ISOMETRICS		3
E-001		ELECTRICAL LEGEND		1
E-002		ELECTRICAL ONE-LINE DIAGRAM		1
E-003,004,005,006,007		ELECTRICAL SCHEDULES		5
E-008		ELECTRICAL DETAILS		
E-101		OPS – ENLARGED POWER PLAN – LEVEL 1 – AREA 1		1
E-102		OPS – ENLARGED POWER PLAN - LEVEL 1 – AREA 2		1
E-103		OPS – ENLARGED POWER PLAN – LEVEL 1 – AREA 3		1
E-104		OPS – ENLARGED POWER PLAN – LEVEL 2 – AREA 1		1
E-107		OPS – ENLARGED POWER PLAN – ROOF – AREA 1		1
E-108		OPS – ENLARGED POWER PLAN – ROOF – AREA 2		1
E-109		OPS – ENLARGED POWER PLAN – ROOF – AREA 3		1
E-201		OPS – ENLARGED LIGHTING PLAN – LEVEL 1 – AREA 1		1
E-202		OPS – ENLARGED LIGHTING PLAN – LEVEL 1 – AREA 2		1
E-203		OPS – ENLARGED LIGHTING PLAN – LEVEL 1 – AREA 3		1
E-204		OPS – ENLARGED LIGHTING PLAN – LEVEL 2 – AREA 1		1
E-205		OPS – ENLARGED LIGHTING PLAN – LEVEL 2 – AREA 2		1
E-206		OPS – ENLARGED LIGHTING PLAN – LEVEL 2 – AREA 3		1
E-301		SITE ELECTRICAL PLAN		1

Clarifications, Qualifications & Assumptions

85% Construction Document GMP

Revision #1 – Changes shown in Red

Scope of the Project

- The Construction Manager’s general conditions and general requirements for a period of 17 months, and is based on a June, 2023 start date.
- Project to be conducted during normal working hours.
- Allowances – The following allowances have been included for this estimate.
 - \$34,500 Ops, \$24,000 Fleet Air Barrier
 - \$32,000 Ops, \$10,000 Fleet Residential Appliance (Crew & Break Rooms)
 - \$50,000 Fleet Heavy Duty Grate & Angle Drains
 - \$75,000 Ops, \$50,000 Fleet Mechanical Roof Screens
 - \$771,650 Site Asphalt Paving
 - \$35,378 Site Sidewalk (Shown as Future in plans)
 - \$100,000 Site Additional Landscaping & Irrigation above what’s shown in 85% Documents.
 - \$105,000 Site Additional & Relocation of 8” Water Loop

Basis of the 85% GMP Documents Estimate

- The Design Development Estimate has been prepared based on the following documents:
 - The Contract Drawings entitled “85% for Contractor Bid GMP”, dated 12-22-2022 as prepared by D2C Architects. (Received 12/23/22)
 - Civil Drawings dated 12-22-2022 prepared by JVA.
 - Specifications Volumes 1 & 2 dated 12/22/22
 - The Geotechnical Investigative Report dated 11-16-2021 as prepared by Kumar & Associates.
 - Modifications from Owner, D2C, FCI Meetings on 1/26, 1/31 and 2/02. Modifications from these meetings shown in Red in this document.
- The sizes, quantities and descriptions indicated within estimate are part of these clarifications, qualifications, and assumptions.
- These clarifications, qualifications and assumptions are an attempt to inform the Owner and the Architect of the Construction Manager’s interpretation of the scope items which are included or excluded, and which may not be clearly shown or defined in design package.

General Notes

- The 85% GMP Estimate includes 2% Bid Contingency and 4 % Contractor’s Contingency.
 - Bid Contingency shall be used to cover any discrepancies that arise after the GMP is delivered and shall be used by the Contractor with Owner approval for estimating inaccuracies, scope gaps, changes in market prices, or other adjustments necessary to cover the costs of the buyout process. Any remaining Bidding Contingencies, after subcontractor buyout is completed, is to be used for any owner-initiated changes, unforeseen conditions, or overruns in allowances.



City of Brighton - Maintenance Service Center

GMP Proposal

Date: 02/02/2023

- Contractor Contingency shall be for the Construction Manager's exclusive use and 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 which include estimating inaccuracies; changes in market price; 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 Owner shall pay for all regulatory permits and plan review fees including Building and Environmental permits (if required).
- Sales, Use Tax is assumed exempt and has not been included.
- Davis Bacon or other Prevailing wages has not been included.
- This estimate represents specifically identified construction costs only. Therefore, all other "Owner's Costs" are not included. The following items are considered "Owner's Costs" See Total Project Budget Worksheet for further details:
 - Owner administrative costs or fees.
 - Legal fees or expenses.
 - F.F.&E. items (Furniture, Fixtures and Equipment) See estimate for Shop Equipment Allowances included in construction costs.
 - Artwork or exhibits.
 - Owner's Contingency.
 - Architectural/Engineering Design costs.
 - Material Testing or Special Inspections.

- Building Permit, Use Tax & Plan Review fees.
 - Water Plant Investment fee.
 - Commissioning agent fees.
 - Municipal tap fees.
 - ~~Asphalt paving with the exception of patching noted below.~~
 - Hotsy equipment for the wash bay.
 - Mobile Hoists.
 - Fleet and Operations Equipment (Lifts, Oil & Lube Delivery and Collection systems, etc..)
 - Security **system Cameras and Card Access Systems**
 - Low Voltage **System, devices, wiring and ports.**
 - **Head End Equipment for all Low Voltage Systems**
- Electronic, CAD or BIM “As-Builts” are not included. FCI Constructors will maintain “As-Built” drawings at the jobsite throughout the construction phase and provide copies to the Architect and Owner at Final Completion.
 - Our 85% GMP Estimate is based on the premise and understanding that FCI Constructors will have full control to reallocate any funds and/or budgets within the estimate (excluding allowances, and Contingency unless approved by the Owner) as determined necessary in the execution of the CM Contract.
 - It is assumed that the Architect and Owner will assign a staff member(s) that will be readily available to respond and provide timely assistance in resolving all issues that may arise.

Division 01 – General Requirements

- Payment and Performance Bonds are included.
- General Liability Insurance is included.
- Builder’s Risk Insurance is included.
 - Should a Builder’s Risk claim occur, any deductibles or uncovered costs will be treated as a change order to the Construction Manager’s Contract.
- Subcontractor Default Insurance is included and will be invoiced as a lump sum in the first pay application.
- This proposal does not include any tap fees, connection charges, system charges, impact fees, meter fees, or other regulatory requirements/fees. Any of these fees that are applicable to the project will be paid directly by the Owner.
- The costs associated with temporary water, sewer, and electrical utilities will be paid for by the Owner (Specification 015000 – Temp Facilities & Controls).
- Commissioning by Owner
- All Testing by Owner
- We have included a One (1) year workmanship warranty.
- Any down payment requirements from suppliers or subcontractors is assumed to qualify as billable materials.

Division 02 – Demolition

- We specifically exclude any underground fuel and or oil tanks, asbestos abatement, PCB abatement or removal, and related surveys, air monitoring, clearances, testing services, etc.
- Site saw cutting and pavement removals for utility work at Denver and Main Street are included in our estimate.

Division 03 – Concrete

- Based on the late summer start date we have included heat and blankets for protection of the foundations and slabs in winter conditions.
- Roof Concrete pads and curbs not included
- 033510 – Polished concrete system Included

Division 04 – Masonry

- Ground Face CMU provided.
- We have included 8” CMU for chemical storage.
- Precast caps Included
- Weather protection for CMU Included (Chemical storage area)

Division 05 – Steel

- We have not included any additional costs to produce Architecturally Exposed Structural Steel (AESS).
- We have not included cost premiums related to specialty certifications, such as IAS, or AISC Certified firms for the fabrication and erection of the steel structure.
- **We have allocated an allowance (noted above) for formed trench drains with metal grating at areas to be noted later (Drawings currently show prefabricated trench drains).**

Division 06 – Carpentry

- We have not included any cost premiums related to hiring specialty certifications, such as AWI, QCP manufacturers or installers to produce the manufactured millwork and cased goods.
- 061600 Sheathing specification missing specifics. We provided sheathing materials per plans
 - ½” CDX plywood included (fire rated Excluded)
- Millwork (tables, storage) in 1217, 1213 is Not Included

Division 07 – Thermal and Moisture Protection

- Dampproofing provided is W.R. Meadows Emulsion Type II
- Drainboard and protection board Excluded at foundation walls
- The building envelope insulation is included as a 2” R-13 Carlisle R2
- Weather barrier product is being carried as an Allowance until material specified and priced.
- A foamed in place insulation is included at the parapet to roof.
- Rigid insulation at roof canopies not included.
- Expansion joints not included.
- Standard colors for siding and trim included.
- Carlisle EPDM membrane roof Included.
 - 5/8” Gyp over mtl deck
 - Air & Vapor Barrier
 - 2-layers of 2.5” isocyanurate
 - ¼” dens-deck
- Canopy Roof systems ½” SecurShield HD Polu-Iso directly to metal deck (no gypsum, no vapor barrier, no poly-iso, no tapered insulation)
- Roof system includes a 20 Year Warranty.
- Vapor barrier provided underslab only at carpeted areas.
- **An Allowance for Roof Screening Mechanical Equipment has been Included**

Division 08 – Doors & Windows

- Motorized / electrified solar tubes or skylights Excluded.
- Electrified Hardware per specifications

Division 09 – Finishes

- Abuse resistant gypsum wallboard to 8' high is included at all the bays.
- We have included costs for grout sealers at floor and wall tile.
- We have not included crack isolation membranes for the floor tile.
- Level 5 Finish on drywall Excluded
- Densglass sheathing not included, using plywood option for applying metal siding.
- Fire Rated walls Excluded.
- We have not included cost premiums for product and or procedures necessary to address moisture mitigation of concrete sub-surfaces prior to flooring.
- The bay floors include an Ashford hardener / densifier applied to the concrete.
- Temporary enclosures, heating equipment and propane are included to protect finishes during installation.

Division 10 – Specialties

- Plaque and signage sizing based on drawings not specifications.
- 24" Aluminum letters and the City Logo are included as noted on the operations building elevations.
- Code required room identification signs are included.
- Floor mounted Toilet partitions included (overhead mounted Excluded)
- A Track and structure are included for future operable wall shown at the Operation Building.
- 18"X18"X72" Lockers provided per dimensions listed A-701. 24" Wide lockers shown Excluded
- Locker benches Excluded.
- Flagpole and lighting by Owner (\$10k in estimate for foundations)

Division 11 – Equipment

- Equipment Scope is not included in our pricing. We did not receive an equipment schedule and we do not know scope of already purchased or equipment to be salvaged from existing facilities. A general list below:
 - Lube & Air Equipment
 - Vehicle Lifts
 - Fume Exhaust Trolley System
- Nederman Flexfilter Stationary Collector – EXCLUDED (was Alt during DDs)
- Compressed Air Piping is Included in our Plumbing Scope

Division 12 – Furnishings

- ~~Window coverings; Mini Blind option Note 1 on A-701 priced~~
- Upgrade to Roller Shades is Included

Division 14 – Conveyance

- No elevators in project.

Division 21 – Fire Suppression

- Our estimate includes a wet fire suppression system per NFP 13 at all areas.
- A dry pipe system is included for the covered wash bay and large canopies.

Division 22 – Plumbing

- Our estimate includes 2 each sand / oil interceptor at the Operations Building and at the Fleet Building.
- Above grade includes no hub waste and vent piping and below grade is PVC.
- Prefabricated drains in bays Included.

Division 23 – HVAC

- Our estimate includes RTUs by Trane and Greenheck make-up air units.
- CO-2/NO Controls and Sensors included in MAU per schedule
- Vehicles exhaust system by Owners Equipment contractor. FCI has VEF 1-4 Fans
- We have included Trane BAS / DDC controls.

Division 26 – Electrical

- Block Heaters by Owner – Installed by FCI
- Relocation of site Power Poles PS-C-304 is Not included in our scope of work.
- We have included preparing for Owner provided Back-Up Generator. Supply Install and hook-up of Generator is by Owner
- Light fixture package is bid as assumed equal to specification and drawings.

Division 27 – Communications

- Fiber Optics, Phone Lines delivered to Site is not included in our pricing

Division 28 – Electronic Safety & Security

- Security & low voltage not included in our estimate.
- **Empty Conduit to Light Poles for security Included.**

Division 31 – Earthwork

- Pricing assumes City provided project acceptable soil for a balanced site (30,000 CUYD). We also have figured delivered and stockpiled on site at timing required for FCI trades.
- Our Estimate Excludes work at stock yard (East side of train tracks)
- We Exclude Undocumented fill and removal, import, replacement of the fill with clean fill.
- Gravel layer provided only at Carpeted and tiled areas.
- We have not included a perimeter drain system in our estimate.

Division 32 – Exterior Improvements

- Concrete retaining wall provided as shown on Civil drawings.
- Ameristar Fencing figured as Montage (Aegis II Excluded)
- Barbed wire on chain link Excluded.
- **Future City Sidewalk Allowance Included – Not designed.**
- Monument sign not included (foundation and power to sign is included)
- Furnishing provided (Trash Receptacle, Tables & Benches)
- **An Allowance for Asphalt Paving has been included as currently designed.**
- ROW work along Main Street Excluded
- Asphalt Path along Main Street is Excluded
- **Landscape Allowance included (as noted above) for undetermined changes not yet determined for plan review upgrades.**
- **Place holder for Utility 8” Waterline moving to Westside of Operations building.**



City of Brighton - Maintenance Service Center

GMP Proposal

Date: 02/02/2023

ITEMS ADDED TO FCI HARD COSTS 1/31/23

- Employee lot & site asphalt paving Add (Place Holder until Team ready to bid)
- Provide Formed Trench Drains at Heavy Duty Trench Drains at Heavy Duty & Washbays.
- Add Roller Shade Upgrade from Mini Blinds
- Provide Single Empty Conduit to each of the 14 Site Light Poles
- Added Landscape Allowance of \$100,000 for Plan Review Comments not yet Designed.
- \$35,378 Budget Add for FCI to Provide Future Sidewalk shown on 85% CD Plans. (Design not Complete)
- Add of \$125,000 for Roof Top Unit Screens – 5ea Targeted at \$25,000 each
- \$105,000 Add for 510 LF Additional 8" Waterline Loop around both buildings (Not Designed Yet) – rough sketch received 02/02/23

END OF CLARIFICATIONS, QUALIFICATIONS & ASSUMPTIONS