

ADAMS COUNTY, COLORADO  
SECOND AMENDMENT TO  
CONSTRUCTION AGREEMENT

THIS SECOND AMENDMENT TO CONSTRUCTION AGREEMENT ("Second Amendment") is entered into this 3 day of JANUARY, 2016, by and between the Board of County Commissioners of Adams County, Colorado, located at 4430 South Adams County Parkway, Brighton, CO 80601, ("County") and FCI Constructors Inc., located at 4105 Coriolis Way, Frederick, Colorado, 80504, hereinafter referred to as the "Contractor."

RECITALS

WHEREAS, on July 12, 2016, the County entered into a Construction Agreement with FCI Constructors Inc., to furnish all of the labor, machinery, equipment, materials, and supplies necessary to perform all the work shown on the plans and described in the specifications for the Phase I Construction of the Community Corrections Residential Center, and in all other documents incorporated herein by reference; and,

WHEREAS, on August 30, 2016, the Construction Agreement was Amended to include Phase I construction of the Community Corrections Residential Center; and,

WHEREAS, the County and the Contractor mutually desire to add additional work, Phase II, to the Construction Agreement as described in Change Order Two attached as Phase II Exhibit "A".

NOW, THEREFORE, for the consideration set forth herein, the sufficiency of which is mutually acknowledged by the parties, the County and the Contractor agree as follows:

1. The County shall reimburse the Contractor for the work provided under this Second Amendment in accordance with Section V of the Construction Agreement. Adams County will pay FCI Constructors for Phase II of the Community Corrections Residential Center the not to exceed amount of five million three hundred thirty-seven thousand four hundred and sixteen dollars (\$5,337,416.00) for a total contract amount of five million six hundred three thousand and ten dollars (\$5,603,010.00).
2. The Construction Agreement and this Second Amendment contain the entire understanding of the parties hereto and neither it, nor the rights and obligations hereunder, may be changed, modified, or waived except by an instrument in writing that is signed by both parties. Any terms, conditions, or provisions of the Construction Agreement that are not amended or modified by this Second Amendment shall remain in full force and effect. In the event of any conflicts between the terms, conditions, or provisions of the Construction Agreement and this Second Amendment, the terms, conditions, and provisions of this Second Amendment shall control.
3. The Recitals contained in this Second Amendment are incorporated into the body hereof and accurately reflect the intent and agreement of the parties.

4. This Second Amendment may be executed in multiple counterparts, each of which shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.
5. Nothing expressed or implied in this Second Amendment is intended or shall be construed to confer upon or to give to, any person other than the parties, any right, remedy, or claim under or by reason of this Second Amendment or any terms, conditions, or provisions hereof. All terms, conditions, and provisions in this Second Amendment by and on behalf of the County and the Contractor shall be for the sole and exclusive benefit of the County and the Contractor.
6. If any provision of this Second Amendment is determined to be unenforceable or invalid for any reason, the remainder of the Second Amendment shall remain in effect, unless otherwise terminated in accordance with the terms contained in the Service Agreement.
7. Each party represents and warrants that it has the power and ability to enter into this Second Amendment, to grant the rights granted herein, and to perform the duties and obligations herein described.

IN WITNESS WHEREOF, the County and the Contractor have caused their names to be affixed.

**Board of County Commissioners**

Steven J. Donisio  
Chair

1/3/16  
Date

ATTEST:  
STAN MARTIN  
CLERK AND RECORDER

Channah  
Deputy Clerk

Approved as to form:

Adams County Attorney's Office

FCI Constructors Inc.

Bryan Hemeyer  
Signature

12-13-16  
Date

**PHASE II - EXHIBIT A**

Adams County Community Corrections Center  
November 15, 2016

Architect: Treanor/HL – Andrew Pitts

**NOTE:** Portions of the Work shown on the following listed drawings are excluded from the Standard Form of Agreement and General Conditions between Owner and Contractor. See the referenced QUALIFICATIONS AND EXCLUSIONS (EXHIBIT B).

**LIST OF DRAWINGS**

<b><u>SHEET NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>DATE OF LAST REVISION</u></b>
A-0.1	COVER SHEET	OCTOBER 31, 2016
A-.02	ADA TYPICAL	OCTOBER 31, 2016
A-.03	PARTITION TYPES & FIRE RATED ASSEMBLIES	OCTOBER 31, 2016
A-0.4	FIRE RATED ASSEMBLIES	OCTOBER 31, 2016
A-0.5	FIRST FLOOR CODE PLAN	OCTOBER 31, 2016
A-0.6	SECOND FLOOR CODE PLAN	OCTOBER 31, 2016
C-3.1	SITE LAYOUT PLAN	SEPTEMBER 14, 2016
C-3.5	LANDSCAPE PLAN	SEPTEMBER 14, 2016
S-001	STRUCTURAL GENERAL NOTES	NOVEMBER 04, 2016
S-002	STRUCTURAL GENERAL NOTES	NOVEMBER 04, 2016
S-003	STRUCTURAL GENERAL NOTES	NOVEMBER 04, 2016
S-004	STRUCTURAL GENERAL NOTES	NOVEMBER 04, 2016
S-101	FOUNDATION PLAN	NOVEMBER 04, 2016
S-102	LEVEL 2 FRAMING PLAN	NOVEMBER 04, 2016
S-103	ROOF FRAMING PLAN	NOVEMBER 04, 2016
S-201	FOUNDATION DETAILS	NOVEMBER 04, 2016
S-301	FRAMING DETAILS	NOVEMBER 04, 2016
S-302	FRAMING DETAILS	NOVEMBER 04, 2016
S-401*	SHEAR WALL DETAILS	NOVEMBER 04, 2016
A-1.1	FIRST FLOOR DEMOLITION PLAN	OCTOBER 31, 2016
A-1.2	SECOND FLOOR DEMOLITION PLAN	OCTOBER 31, 2016
A-2.1	FIRST FLOOR RENOVATION PLAN	OCTOBER 31, 2016
A-2.2	SECOND FLOOR RENOVATION PLAN	OCTOBER 31, 2016
A-2.3	ROOF PLAN	OCTOBER 31, 2016
A-2.4	FIRST FLOOR REFLECTED CEILING PLAN	OCTOBER 31, 2016
A-2.5	SECOND FLOOR REFLECTED CEILING PLAN	OCTOBER 31, 2016

**LIST OF DRAWINGS - CONTINTUED**

<b><u>SHEET NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>DATE OF LAST REVISION</u></b>
A-3.1	EXTERIOR ELEVATIONS	OCTOBER 31, 2016
A-3.2	EXTERIOR VIEWS	OCTOBER 31, 2016
A-4.1	BUILDING SECTIONS	OCTOBER 31, 2016
A-6.1	ELEVATOR & STAIR ENLARGED PLANS	OCTOBER 31, 2016
A-6.2	STAIR DETAILS	OCTOBER 31, 2016
A-7.1	DOOR SCHEDULE, DOOR & FRAME ELEVATIONS	OCTOBER 31, 2016
A-7.2	WINDOW ELEVATIONS & DETAILS	OCTOBER 31, 2016
A-7.3	ROOM FINISH SCHEDULE	OCTOBER 31, 2016
A-8.1	ENLARGED RESTROOM PLANS & ELEVATIONS	OCTOBER 31, 2016
A-8.2	ENLARGED RESTROOM PLANS & ELEVATIONS	OCTOBER 31, 2016
A-8.3	ENLARGED PLANS AND INTERIOR ELEVATIONS	OCTOBER 31, 2016
A-8.4	INTERIOR ELEVATIONS	OCTOBER 31, 2016
A-8.5	CASEWORK SECTIONS	OCTOBER 31, 2016
A-8.6	CASEWORK SECTIONS	OCTOBER 31, 2016
P001	PLUMBING LEGENDS & NOTES	OCTOBER 31, 2016
P002	PLUMBING DETAILS	OCTOBER 31, 2016
P003	PLUMBING SCHEDULES	OCTOBER 31, 2016
P100	FOUNDATION WASTE/VENT RENOVATION PLAN	OCTOBER 31, 2016
P101	FIRST FLOOR WASTE/VENT RENOVATION PLAN	OCTOBER 31, 2016
P102	SECOND FLOOR WASTE/VENT RENOVATION PLAN	OCTOBER 31, 2016
P111	FIRST FLOOR DOMESTIC WATER RENO PLAN	OCTOBER 31, 2016
P112	SECOND FLOOR DOMESTIC WATER RENO PLAN	OCTOBER 31, 2016
PD100	FOUNDATION WASTE & VENT DEMO PLAN	OCTOBER 31, 2016
PD101	FIRST FLOOR WASTE & VENT DEMO PLAN	OCTOBER 31, 2016
PD102	SECOND FLOOR WASTE & VENT DEMO PLAN	OCTOBER 31, 2016
PD 111	FIRST FLOOR DOMESTIC WATER DEMO PLAN	OCTOBER 31, 2016
PD112	SECOND FLOOR DOMESTIC WATER DEOM PLAN	OCTOBER 31, 2016
M001	MECHANICAL LEGENDS & NOTES	OCTOBER 31, 2016
M002	MECHANICAL DETAILS	OCTOBER 31, 2016
M003	MECHANICAL DETAILS	OCTOBER 31, 2016
M004	MECHANICAL SCHEDULES	OCTOBER 31, 2016
M005	MECHANICAL SCHEDULES	OCTOBER 31, 2016
M101	FIRST FLOOR HVAC RENOVATION PLAN	OCTOBER 31, 2016
M102	SECOND FLOOR HVAC RENOVATION PLAN	OCTOBER 31, 2016
M111	FIRST FLOOR HVAC PIPING RENOVATION PLAN	OCTOBER 31, 2016
M112	SECOND FLOOR HVAC PIPING RENOVATION PLAN	OCTOBER 31, 2016
M140	ROOF HVAC RENOVATION PLAN	OCTOBER 31, 2016
MDO01	MECHANICAL LEGENDS & DEMO NOTES	OCTOBER 31, 2016

**LIST OF DRAWINGS - CONTINTUED**

<b><u>SHEET NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>DATE OF LAST REVISION</u></b>
MD101	FIRST FLOOR HVAC DEMOLITION PLAN	OCTOBER 31, 2016
MD102	SECOND FLOOR HVAC DEMOLITION PLAN	OCTOBER 31, 2016
E001	ELECTRICAL LEGENDS & NOTES	OCTOBER 31, 2016
E002	ELECTRICAL SCHEDULES	OCTOBER 31, 2016
E011	ELECTRICAL ONE-LINE DIAGRAM	OCTOBER 31, 2016
E101	FIRST FLOOR LIGHTING RENOVATION PLAN	OCTOBER 31, 2016
E102	SECOND FLOOR LIGHTING RENOVATION PLAN	OCTOBER 31, 2016
E111	FIRST FLOOR POWER RENOVATION PLAN	OCTOBER 31, 2016
E112	SECOND FLOOR POWER RENOVATION PLAN	OCTOBER 31, 2016
E121	FIRST FLOOR FIRE ALARM RENOVATION PLAN	OCTOBER 31, 2016
E122	SECOND FLOOR FIRE ALARM RENOVATION PLAN	OCTOBER 31, 2016
ED001	ELECTRICAL LEGENDS & DEMO NOTES	
ED101	FIRST FLOOR LIGHTING DEMOLITION PLAN	OCTOBER 31, 2016
ED102	SECOND FLOOR LIGHTING DEMOLITION PLAN	OCTOBER 31, 2016
ED111	FIRST FLOOR POWER DEMOLITION PLAN	OCTOBER 31, 2016
ED112	SECOND FLOOR POWER DEMOLITION PLAN	OCTOBER 31, 2016
ED121	FIRST FLOOR FIRE ALARM DEMOLITION PLAN	OCTOBER 31, 2016
ED122	SECOND FLOOR FIRE ALARM DEMOLITION PLAN	OCTOBER 31, 2016
ED140	ROOF POWER DEMOLITION PLAN	OCTOBER 31, 2016
T001	TECHNOLOGY LEGENDS & NOTES	OCTOBER 24, 2016
T101	FIRST FLOOR TECHNOLOGY RENOVATION PLAN	OCTOBER 24, 2016
T102	SECOND FLOOR TECHNOLOGY RENOVATION PLAN	OCTOBER 24, 2016
T201	ENLARGED TELECOM ROOMS	OCTOBER 24, 2016
T301	TECHNOLOGY AND SECURITY CAMERA DETAILS	OCTOBER 24, 2016
T302	DOOR DETAILS	OCTOBER 24, 2016
T303	DOOR DETAILS	OCTOBER 24, 2016
TD101	FIRST FLOOR TECHNOLOGY DEMO PLAN	OCTOBER 24, 2016
TD102	SECOND FLOOR TECHNOLOGY DEMO PLAN	OCTOBER 24, 2016
KA101	FIRST FLOOR KITCHEN PLAN	OCTOBER 31, 2016
KA102	KITCHEN ELECTRICAL PLAN	OCTOBER 31, 2016
KA103	KITCHEN PLUMBING PLAN	OCTOBER 31, 2016
A104	KITCHEN VENTILATION/BLDG CONDITIONS PLAN	OCTOBER 31, 2016
KA201	KITCHEN HOOD DETAILS	OCTOBER 31, 2016
KA202	KITCHEN HOOD DETAILS	OCTOBER 31, 2016
KA301	WALK-IN DETAILS	OCTOBER 31, 2016

SUPPORTING DOCUMENTS

DESCRIPTION

80% SPECIFICATION MANUAL

PROVIDED BY

TREANOR/HL ARCHITECTS

NOTES

*\*Plan sheet S-401 depicts the masonry elevator shaft penetrating the roof line. At this time FCI Constructors are excluding this detail as it is currently anticipated that the elevator clearance requirement of 13'-0" can be achieved with slight shift to the south for the elevator location, and modifications to the existing trusses to accommodate the high point of the elevator shaft.*

**PHASE II - EXHIBIT B**

Adams County Community Corrections Center  
November 15, 2016

**PHASE TWO 80% CD ESTIMATE QUALIFICATIONS AND EXCLUSIONS****Complete Building Remodel**

Our Phase Two 80% CD estimate for the Adams County Community Corrections project is based on Demolition Package plans dated 10/24/2016, Civil/Architectural/Mechanical/Electrical/Technology/Kitchen plans dated 10/31/2016, and Structural plans dated 11/04/2016 provided by Treanor/HL Architects. Draft specifications were provided with the understanding that there may be some minor changes moving to the 100% Construction Documents.

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

**General Requirements for the Entire Project****Inclusions**

- All pricing is based on a December 2016 start date.
- We have included 5% Bid Contingency and 5% Construction contingency within our estimate. It is understood that the contingency will be carried in order to help protect the project budget through design / bidding phase and the potential for unknown issues that will arise during construction.
- Our pricing is based on the construction duration of four (34) weeks.
- All costs are based on standard workweeks of eight (8) hour days, five (5) days per week.
- We have provided an alternate cost if the project will need to be accelerated for completion.
- All materials are assumed to be selected from standard manufacturer's colors if no specification is provided.
- We have included Builders Risk, and General Liability Insurance.
- We have included a Performance and Payment Bond in our estimate.
- Estimate is for Phase II work only, Phase I costs are not included in this number.

**Exclusions**

- Design and Engineering Fees
- Entitlement Fees
- Building Permit and Plan Review Fee
- Stormwater Fees

## General Requirements Exclusions Continued

- Water Tap Fees
- Sewer Tap Fees
- State, County, and City Tax
- Provisions for Davis-Bacon wages, or any other prevailing wage program.
- Liability for injury or damage from mold, other fungi and/or bacteria.
- Provisions for hazardous materials as defined by OSHA and EPA.
- Temporary utility costs (Gas, Electric)
- Design and/or construction of any 'Areas of Refuge'
- Gas meter

## Division 01 – General

### Inclusions

- General Conditions
- On-Site supervision including full-time Superintendent.
- Weekly cleaning, and final cleaning.
- Temporary office supplies, equipment, and communication devices.
- We have assumed an office trailer located on the site to be included for Phase Two.
- Safety materials, and supervision.
- Operation and Maintenance Manuals, and Owner's Training

### Exclusions

- Site survey
- Geotechnical report costs
- Materials testing and inspections
- Fire watch during construction activities while Fire Sprinkler System is disabled.
- New utilities, ie; electrical, cable, phone, sanitary sewer, or water.

## Division 02 – Existing Conditions

### Inclusions

- Disconnect, and make safe fire sprinkler, mechanical, electrical for demolition and/or relocation of equipment/devices.
- Wall demolition as required for new work to be installed.
- All flooring and rubber base will be removed and discarded.



## Division 2 – Existing Conditions Inclusions Continued

- Acoustic ceiling demo and gypsum board ceilings demo throughout the building.
- Remove all doors and hardware to be replaced (interior and exterior).
- Cut-in exterior of building for new door and window locations.
- Remove existing storefront doors at main entry vestibule.
- Demo existing stair hand rail, and safety railing.
- Sawcut and remove concrete slab on grade for plumbing trenches and elevator pit.
- Excavate and remove spoils for new elevator foundation.
- Demo of 2<sup>nd</sup> floor and 2<sup>nd</sup> floor ceiling for elevator shaft opening.
- Temporary shoring of existing floor joists and roof trusses during demolition.
- Sawcut and remove curb & gutter and asphalt paving at South parking area to receive new mechanical equipment pad.
- Remove existing roof-line fascia.
- Demo existing roof and sidewall locations designated for new mechanical ductwork entry into building.

## Exclusions

- Improvements to the site other than that described above.
- Site asphalt or concrete removal other than that described above.
- Compaction testing.
- Removal of existing furniture (wardrobes, beds, office furniture, etc.) or kitchen equip.

## Division 03 – Concrete

### Inclusions

- New concrete foundation and elevator pit as per the provided structural plans dated 11/04/2016 by S.A. Miro.
- Provide and place reinforcing in elevator pit slab and pit walls.
- Provide concrete pumping, or other means of transport for concrete materials.
- Patch slab on grade at elevator pit perimeter to match existing.
- Pour and place concrete slab on grade at plumbing trenches.

### Exclusions

- Colored concrete mix.
- Fibermesh reinforcing in concrete slab on grade.
- Concrete testing.

## Division 04 – Masonry

### Inclusions

- 8" Concrete Masonry Units for elevator shaft.
- Reinforcing bar at 24" O.C. for vertical cells to be grouted.
- Reinforcing bar at bond beam courses assumed at 8' increments.
- Temporary shoring for elevator shaft door openings.
- Clean-up and removal of debris created during construction of elevator shaft.

### Exclusions

- Exterior masonry work.
- Water resistant CMU, mortar mixes.

## Division 05 – Metals

### Inclusions

- New structural steel beams to support new floor opening for elevator shaft.
- Elevator hoist beam, elevator pit ladder, and sump pit grate.
- Masonry embeds, and necessary steel to steel bolts.
- Welding and moment connections as necessary.
- Stair hand railing, and landing guard railing.

### Exclusions

- Steel stair assemblies.
- Metal floor, or roof joists.
- Metal decking.
- Stainless steel fabrications.

## Division 6 – Wood & Plastic

### Inclusions

- Millwork backing and blocking in walls.
- Toilet accessories backing in walls.
- Remove and replace damaged roof sheeting.
- Wood framed dormers for HVAC ductwork entry to building.
- Remove and replace all roofline fascia.

## Division 6 – Wood & Plastic – Inclusions Continued

- Hoisting equipment for above ground level work.
- Plastic laminate cabinetry at all lounge areas.
- Plastic laminate wall panels at security check-in areas.
- Solid surface countertops at bathrooms, lounge areas, and security check-ins.
- Plumbing protection panels at bathroom lavatories.

## Exclusions

- Lab benches, or lab casework.
- Stainless steel casework.
- Roof curbs

## Division 7 – Thermal & Moisture Protection

### Inclusions

- Waterproofing at elevator pit walls.
- 3" spray foam insulation at all exterior walls.
- 10" R-30 batt insulation attached to bottom side of roof framing.
- We have included fire stopping at all corridor walls, and at the 2<sup>nd</sup> floor slab edge.
- Complete demolition of the existing asphalt shingle roof down to the wood sheeting, where a new asphalt shingle roof system will be installed.
- Remove existing flat membrane roofing materials, replace with ¼" dens deck cover board, and new 60 mil EPDM membrane.
- New metal coping cap at the existing parapets.
- Provide new gutters and downspouts.
- Remove and replace all existing caulking at windows and doors.

## Division 8 – Doors & Windows

### Inclusions

- New hollow metal and wood doors set in welded hollow metal frames.
  - 6 each HM Doors (in HM Frames)
  - 123 each Wood Doors (in HM Frames)
  - Door hardware supplied is per Specification.

## Division 8 – Doors & Windows – Inclusions Continued

- Aluminum coiling shutters at kitchen, and Fire Rated coiling shutter at Security 106.
- All sleeping rooms to have vision lite window kits in doors. Fire rated as needed.
- Replace window frosting at new women's sleeping rooms.
- Tubular skylight devices are included (4 ea at 2<sup>nd</sup> floor, 3 ea at 1<sup>st</sup> floor).
- New vinyl clad fixed windows as shown in the plans.
- Aluminum storefront vestibule entry doors and sidelites.
- Bathroom mirrors.
- Transaction windows at 1<sup>st</sup> and 2<sup>nd</sup> Floor Security, and Women's security check-in.

## Exclusions

- Overhead doors.
- Specialty doors.
- Automatic door operators.
- Wood or stone thresholds.
- Aluminum storefront glazing systems.
- Curtain wall systems.

## Division 9 – Finishes

### Inclusions

- 3 5/8" metal stud framed walls per the wall type description.
- 5/8" type XP high abuse gyp board at resident areas, type X elsewhere.
- 5/8" gyp board ceilings. Attached directly to ceiling joists, and suspended assemblies.
- Level 4 finish at new painted walls.
- Patching of existing gyp board walls and ceilings, prep for painting.
- Luxury vinyl tile at corridors, and community areas.
- Vinyl composite tile at sleeping rooms, and upstairs staff restrooms.
- Carpet tile at staff areas.
- New rubber base throughout.
- Epoxy resin flooring in all resident restrooms with integral base.
- 2x4 Fine Fissured 2nd Look acoustic ceiling tile, 15/16" grid at day room/common areas.
- 2x4 Kitchen Zone vinyl coated acoustic ceiling tile in 15/16" grid.
- Repair, and refinish exterior Stucco at damaged exterior areas.
- Paint entire exterior of building to new color scheme as shown in plans.
- Paint all gyp board walls and ceilings with primer, and two (2) finish coats latex paint.

## Division 9 – Finishes Inclusions Continued

- Acrylic paint at hollow metal door frames, and steel hand railing.
- Epoxy paint on walls and ceilings in all restrooms. Epoxy trowel system in showers.

## Exclusions

- Wall coverings.
- Structural calculations or engineering for framed walls.
- Moisture testing of floors.
- Clean room acoustical ceiling systems.
- Special paints or finishes not identified in 80% Construction Documents.

## Division 10 – Specialties

### Inclusions

- New toilet partitions, and bathroom accessories.
- Room identification signage allowance of \$5,000
- Tack boards at each lounge area, and in each sleeping room.
- Marker boards in each lounge area.
- FRP panels at kitchen walls – full height.
- FRP surround at each mop sink area in janitor closets.
- Fire extinguishers.

### Exclusions

- Exterior signage.
- Electric hand dryers.

## Division 11 – Equipment

### Inclusions

- New kitchen equipment package per plans and specifications.
- GMP includes value engineered list of kitchen equipment from Trend Log #04
- Installation and warranty of all equipment.

### Exclusions

- Plumbing connections.
- Mounting disposals or faucets.
- Residential type appliances.

## Division 12 – Furnishings

### Inclusions

- Manual operation horizontal aluminum blinds at all sleeping room windows.

### Exclusions

- Office furniture; chairs, desks, shelving.
- Wall art/decorations.
- Entry mats, or rugs.

## Division 14 – Conveying Systems

### Inclusions

- Machine Room-Less Electric Traction Elevator.
- Standard finishes; Plam wall panels, VCT flooring.
- 2-year warranty.

## Division 21 – Fire Sprinkler System

### Inclusions

- Adjust, and relocate existing sprinkler heads as needed to meet floor plan design.
- Drain, and refill system as needed, and at the completion of work.
- Design, and stamped drawings.
- Chrome semi-recessed sprinkler heads.
- Hydrostatic testing of the system once completed.

### Exclusions

- Labor, or provisions to perform daily fire watch.
- Repair and/or replacement of system components failing new hydrostatic testing.
- Fire Pump

## Division 22, 23 – Plumbing and Mechanical

### Inclusions

- Demo and make safe for removal of fixtures and equipment.
- Provide all new piping for waste & vent below grade, and above grade.
- New domestic water piping.
- Plumbing fixtures including new shower heads and water controls.

### Division 22,23 – Plumbing and Mechanical Inclusions Continued

- Hydronic piping, and boiler system for hot water re-heat.
- Install kitchen sink equipment, and hook up waste piping.
- VAV boxes, and new ground mounted HVAC units.
- New refrigerant piping.
- Propress fittings at all domestic piping joints in lieu of soldered joints.

### Division 22, 23 – Plumbing and Mechanical – Inclusions Continued

- New ductwork throughout.
- Firestop material at all rated penetrations.
- Temperature controls system.
- Duct insulation and piping insulation.
- Test and balance.

### Exclusions

- Roof drain connections.
- Architectural louvers.
- Cathodic protection.
- Engineering fees, or stamped drawings.
- X-ray of slabs on deck.

### Division 26 – Electrical

#### Inclusions

- Make space safe for demolition.
- Temporary power and lighting for all trades.
- Provide new Main Distribution Panel.
- New LED lighting package and lighting controls. *(Including sleeping room fixtures)*
- Completely new wiring to all new devices.
- Power and connections to all new kitchen equipment.
- Power and connections to all new mechanical equipment.
- Use of MC cable for all branch wiring. Home runs and in-wall for low voltage will be run in EMT conduit.
- Conduit supplied for all low voltage systems.

## Division 26 – Electrical Inclusions Continued

- Fire alarm system including all devices and programming. Fire alarm plenum rated cable to be run free in ceiling cavity. *Note that occupancy type I-1 requires including alert devices for each sleeping room.*
- Power to recirculation pump provided by mechanical contractor.
- Firestop material at all rated penetrations.

### Exclusions

- Engineering or utility fees.
- Stamped drawings.
- Work related to any existing code violations related to electrical system.
- Relocation of existing transformer.

## Division 27 – Communications

### Inclusions

- Structured cabling for all tele/data, with patch cords for 133 locations.
- Provide cabinets and racks for IT room.
- Connections to head end units.
- Test all cabling.

### Exclusions

- Distributed antenna system and IWS/DAS system. (The building will need to be tested to confirm the need for these systems)

## Division 28 – Electronic Safety & Security

### Inclusions

- Card reader access system at 4 locations.
- Request to exit option at exterior doors in sleeping corridors, and stair exits.
- Security video surveillance cameras at 33 locations (12 already in place).
- Digital security cameras.
- Relocated existing Cameras after Phase I residents have vacated.
- Connections, and testing of all devices.



**Division 28 – Electronic Safety & Security Continued**

**Exclusions**

- Surveillance system storage (DVR's)
- Surveillance use server.
- Milestone Professional software, or additional licenses.

**Division 32 – Exterior Improvements**

**Inclusions**

- New mechanical pads for ground mounted units.
- Asphalt paving patch at mechanical pad.
- Curb and gutter at new mechanical pad.

**Exclusions**

- Concrete sidewalks.
- Repairs to existing parking lot asphalt paving.
- Re-working of site for drainage.



Trust • Hard Work • Honesty • Professionalism

**ADAMS COUNTY COMMUNITY CORRECTIONS CENTER - PHASE II**

**EXHIBIT C**

Project Location: 8031 US HIGHWAY I-76 HENDERSON, CO  
 Estimate Type: GMP  
 Estimator: STEVE RADEMACHER

Project Duration: 8.8 Months  
 Printed On: 11/22/16 8:01 AM  
 Project SF: 28,818

Description	Total Cost	\$ per SF
Division 01 GENERAL REQUIREMENTS	\$ 260,892	\$ 9.05
Division 02 EXISTING CONDITIONS	\$ 103,067	\$ 3.58
Division 03 CONCRETE	\$ 22,933	\$ 0.80
Division 04 MASONRY	\$ 23,369	\$ 0.81
Division 05 METALS	\$ 33,079	\$ 1.15
Division 06 WOOD & PLASTIC	\$ 136,818	\$ 4.75
Division 07 THERMAL & MOISTURE PROTECTION	\$ 203,473	\$ 7.06
Division 08 DOORS & WINDOWS	\$ 292,998	\$ 10.17
Division 09 FINISHES	\$ 657,752	\$ 22.82
Division 10 SPECIALTIES	\$ 74,586	\$ 2.59
Division 11 EQUIPMENT	\$ 132,977	\$ 4.61
Division 12 FURNISHINGS	\$ 4,338	\$ 0.15
Division 13 SPECIAL SYSTEMS	\$ -	\$ -
Division 14 CONVEYING SYSTEMS	\$ 96,412	\$ 3.35
Division 21 FIRE SUPPRESSION	\$ 92,515	\$ 3.21
Division 22 PLUMBING	\$ 869,632	\$ 30.18
Division 23 HVAC	\$ 695,173	\$ 24.12
Division 26 ELECTRICAL	\$ 664,143	\$ 23.05
Division 27 COMMUNICATIONS	\$ 30,425	\$ 1.06
Division 28 ELECTRONIC SAFETY & SECURITY	\$ 40,399	\$ 1.40
Division 31 EARTHWORK	\$ -	\$ -
Division 32 EXTERIOR IMPROVEMENTS	\$ 14,546	\$ 0.50
Division 33 UTILITIES	\$ -	\$ -
BUILDING PERMIT, PLAN CHECK FEE	BY OTHERS \$ -	
BID CONTINGENCY	5.00% \$ 222,476	
CONTRACTOR'S CONTINGENCY	5.00% \$ 222,476	
SUBCONTRACTOR DEFAULT INSURANCE	\$ 69,746	
GENERAL LIABILITY INSURANCE	BY FCI \$ 41,819	
BUILDER'S RISK INSURANCE	BY FCI \$ 1,840	
PERFORMANCE AND PAYMENT BOND	BY FCI \$ 30,589	
FCI OVERHEAD AND FEE	3.75% \$ 188,943	
<b>PHASE II ESTIMATE TOTAL:</b>	<b>\$ 5,227,416</b>	<b>\$ 181.39</b>
Phase I Total Costs:	\$ 265,594	<b>per sf</b>
Owner Contingency and Schedule Acceleration Costs	\$ 110,000	
<b>PHASE I &amp; PHASE II TOTAL</b>	<b>\$ 5,603,010</b>	

4015 CORIOLIS WAY, FREDERICK, CO 80504 (970) 535-4725 (970) 535-4867 Fax

PROJECT NAME: ADAMS COUNTY COMMUNITY CORRECTIONS CENTER - PHASE II EXHIBIT C  
 ESTIMATOR: STEVE RADEMACHER  
 PROJECT SQFT: 28818  
 PROJECT DURATION: 8.8 Months

Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT Prim/Partial Qty
<b>Division 01 GENERAL REQUIREMENTS</b>					
<b>GENERAL CONDITIONS</b>					
PRECONSTRUCTION FEE (IN SEPARATE CONTRACT)			0.00	0	0.000
PROJECT MANAGER	703	HRS	91.77	64,514	2.239
SUPERINTENDENT	1,107	HRS	86.94	96,243	3.340
PROJECT COORDINATOR	221	HRS	41.58	9,189	0.319
PROJECT ENGINEER	583	HRS	60.38	35,202	1.222
SAFETY ENGINEER	39	HRS	89.36	3,485	0.121
COMPUTER	7.78	MONTHS	300.00	2,334	0.081
SOFTWARE	7.78	MONTHS	100.00	778	0.027
JOBSITE OFFICE SUPPLIES	7.78	MONTHS	125.00	973	0.034
FIELD OFFICE	7.78	MONTHS	650.00	5,057	0.175
STORAGE CONEX	7.78	MONTHS	180.00	1,400	0.049
FIELD OFFICE POWER	7.78	MONTHS	200.00	1,556	0.054
FIELD OFFICE DATA/PHONE	7.78	MONTHS	450.00	3,501	0.121
FIELD OFFICE DRINKING WATER	7.78	MONTHS	100.00	778	0.027
TEMP TOILETS	7.78	MONTHS	480.00	3,734	0.130
PROJECT SIGN		INCLUDED	0.00	0	0.000
TEMP FENCING	1,000	LNFT	2.50	2,500	0.087
DUMPSTERS	7.78	MONTHS	350.00	2,723	0.094
SAFETY EQUIPMENT	7.78	MONTHS	150.00	1,167	0.040
VEHICLES	7.78	MONTHS	1,765.03	13,732	0.477
MATERIAL HOIST	7.78	MONTHS	1,460.50	11,363	0.394
<b>TOTAL GENERAL CONDITIONS</b>				<b>260,229</b>	<b>9.030</b>
<b>GENERAL REQUIREMENTS</b>					
CREDIT FROM PHASE I WORK COMPLETED	1	LS	-12,444.00	-12,444	-0.432
PLAN COPY FEE	1	LS	1,500.00	1,500	0.052
O&M'S & OWNER TRAINING	1	LS	4,000.00	4,000	0.139
OCCUPANCY CLEANING	1	LS	6,607.44	6,607	0.229
SNOW REMOVAL	1	LS	1,000.00	1,000	0.035
FINAL CLEANING		BY OWNER	0.00	0	0.000
<b>TOTAL GENERAL REQUIREMENTS</b>				<b>663</b>	<b>0.023</b>
<b>SURVEYING</b>					
LAYOUT & SURVEYING		N/A	0.00	0	0.000
RESTACKING		N/A	0.00	0	0.000
<b>TOTAL SURVEYING</b>				<b>0</b>	<b>0.000</b>
<b>Total Division 01 GENERAL REQUIREMENTS</b>				<b>\$260,892</b>	
<b>Division 02 EXISTING CONDITIONS</b>					
<b>INTERIOR DEMOLITION</b>					
INTERIOR DEMO	1	SUB	91,491.00	91,491	3.175
DEMO 1,525 LNFT INTERIOR WALLS		INCLUDED	0.00	0	0.000
REMOVE 2,400 SQFT EXTERIOR WALL DRYWALL FOR SPRAY FOAM		INCLUDED	0.00	0	0.000
DEMO 8,698 SQFT ACOUSTICAL CEILINGS		INCLUDED	0.00	0	0.000
DEMO 17,537 SQFT GYP BOARD CEILINGS		INCLUDED	0.00	0	0.000
DEMO 2,268 SQFT EPOXY FLOORING IN BATHROOMS		INCLUDED	0.00	0	0.000
DEMO 28,025 SQFT VCT AND CARPET FLOORING		INCLUDED	0.00	0	0.000
DEMO 72 EACH BATHROOM FIXTURES		INCLUDED	0.00	0	0.000
DEMO 109 LNFT CASEWORK		INCLUDED	0.00	0	0.000
REMOVE 3 SETS STAIR HAND RAILS, AND GUARD RAILS		INCLUDED	0.00	0	0.000
DEMO ALL MECHANICAL DUCTWORK, GRILLES, DIFFUSERS		INCLUDED	0.00	0	0.000
DEMO EXISTING ELECTRICAL WIRING AND FACEPLATES		INCLUDED	0.00	0	0.000
SAWCUT 779 LNFT CONCRETE SLAB ON GRADE FOR PLUMBING TRENCHES		INCLUDED	0.00	0	0.000
SAWCUT 56 LNFT CONCRETE SLAB ON GRADE AT NEW ELEVATOR PIT		INCLUDED	0.00	0	0.000
REMOVE 1,502 SQFT CONCRETE		INCLUDED	0.00	0	0.000
EXCAVATE 20 CU YD FOR ELEVATOR PIT	20	CU YD	165.92	3,338	0.116
REMOVE 23 CU YD SPOILS FROM ELEVATOR PIT EXCAVATION	23	CU YD	25.00	575	0.020
DEMO AND REMOVE 192 SQFT 2ND FLOOR STRUCTURE FOR ELEV. SHAFT	192	SQFT	4.84	929	0.032
DUMP FEES	8	PULLS	350.00	2,800	0.097
<b>TOTAL INTERIOR DEMOLITION</b>				<b>99,133</b>	<b>3.440</b>
<b>SITE DEMOLITION</b>					
SITE DEMO			0.00	0	0.000
DEMO AND REMOVE CURB & GUTTER	22	LNFT	17.20	378	0.013
SAWCUT ASPHALT	30	LNFT	5.50	165	0.006
DUMP FEES	0.5	PULLS	350.00	175	0.006
<b>TOTAL SITE DEMOLITION</b>				<b>718</b>	<b>0.025</b>
<b>BUILDING DEMOLITION</b>					
DEMO BUILDING			0.00	0	0.000
SAWCUT EXTERIOR OF BUILDING FOR WINDOWS/DOORS	43	LNFT	0.00	0	0.000
DEMO EXTERIOR ROOF FOR HVAC DUCT ENTRY AND NEW DORMER	3	EACH	196.68	590	0.020
DEMO EXTERIOR WALL FOR HVAC DUCT ENTRY	2	EACH	380.02	760	0.026
DEMO EXTERIOR FASCIA AT ROOF LINE	1,342	LNFT	1.13	1,516	0.053
DUMP FEES	1	PULLS	350.00	350	0.012
<b>TOTAL BUILDING DEMOLITION</b>				<b>3,216</b>	<b>0.112</b>
<b>Total Division 02 EXISTING CONDITIONS</b>				<b>\$103,067</b>	
<b>Division 03 CONCRETE</b>					
<b>FOUNDATIONS</b>					
CONCRETE FOUNDATIONS PACKAGE FOR ELEVATOR		BELOW	0.00	0	0.000

Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT
					Prim/Partial Qty
9' HIGH 8" THICK ELEVATOR PIT WALLS	37	LNFT	32.50	1,203	0.042
24" THICK ELEVATOR PIT SLAB	128	SQFT	8.50	1,088	0.038
CONCRETE PUMP	10	CUYD	35.00	350	0.012
LAYOUT	1	LS	675.84	676	0.023
REINFORCING MATERIAL	2,500	LBS	0.84	2,100	0.073
CONCRETE FOUNDATIONS MATERIAL	10	CUYD	120.00	1,200	0.042
<b>TOTAL FOUNDATIONS</b>				<b>6,617</b>	<b>0.230</b>
<b>INTERIOR FLATWORK</b>					
PATCH CONCRETE FLOORING AT ELEVATOR PIT	303	SQFT	5.92	1,784	0.082
PATCH SLAB ON GRADE AT PLUMBING TRENCHES	1,502	SQFT	6.62	9,943	0.345
RECESSED SHOWER PANS	14	EACH	270.00	3,780	0.131
<b>TOTAL INTERIOR FLATWORK</b>				<b>16,517</b>	<b>0.538</b>
<b>CONCRETE MISCELLANEOUS</b>					
DAILY CLEAN-UP - CONCRETE	1	WKS	173.88	174	0.006
SAFETY EQUIPMENT - CONCRETE	1	LS	125.00	125	0.004
GROUT COLUMNS & BEAMS		N/A	0.00	0	0.000
DUMP FEES	1	PULLS	350.00	350	0.012
MISC EQUIPMENT	1	LS	150.00	150	0.005
<b>TOTAL CONCRETE MISCELLANEOUS</b>				<b>799</b>	<b>0.028</b>
<b>Total Division 03 CONCRETE</b>				<b>\$22,933</b>	
<b>Division 04 MASONRY</b>					
<b>UNIT MASONRY</b>					
8" CMU ELEVATOR SHAFT WITH #4 REBAR AT 24" O.C.	1	SUB	21,087.00	21,087	0.732
GROUT VERTICAL CELLS AT 24" O.C.		INCLUDED	0.00	0	0.000
DUR-O-WALL AT HORIZONTAL COURSES EVERY 16"		INCLUDED	0.00	0	0.000
INSTALL EMBEDS SUPPLIED BY OTHERS		INCLUDED	0.00	0	0.000
PROVIDE OPENINGS WITH BOND BEAM HEADERS AT ELEVATOR DOORS		INCLUDED	0.00	0	0.000
TEMPORARY SHORING FOR CMU BOND BEAMS	1	LS	740.03	740	0.026
<b>TOTAL UNIT MASONRY</b>				<b>21,827</b>	<b>0.757</b>
<b>MASONRY MISCELLANEOUS</b>					
SAFETY EQUIPMENT - MASONRY	1	LS	670.00	670	0.023
DAILY CLEAN-UP - MASONRY	2	WKS	280.82	522	0.018
DUMP FEES	1	PULLS	350.00	350	0.012
<b>TOTAL MASONRY MISCELLANEOUS</b>				<b>1,542</b>	<b>0.054</b>
<b>Total Division 04 MASONRY</b>				<b>\$23,369</b>	
<b>Division 05 METALS</b>					
<b>STRUCTURAL STEEL</b>					
STRUCTURAL STEEL FABRICATION FOR ELEVATOR OPENING AT 2ND FLOOR	1	SUB	10,850.00	10,850	0.370
DEMO/CUT EXISTING STEEL JOISTS FOR NEW OPENING		INCLUDED	0.00	0	0.000
22 LNFT - W14 x 22 STEEL BEAM		INCLUDED	0.00	0	0.000
36 LNFT - W16 x 26 STEEL BEAM		INCLUDED	0.00	0	0.000
87.5 LNFT - 4" X 7.2" C-CHANNEL WITH SHIMS		INCLUDED	0.00	0	0.000
WELD/BOLT NEW STEEL IN PLACE		INCLUDED	0.00	0	0.000
STEEL ERECTION		INCLUDED	0.00	0	0.000
STEEL COORDINATION AND LAYOUT	1	LS	1,599.10	1,599	0.055
<b>TOTAL STRUCTURAL STEEL</b>				<b>12,249</b>	<b>0.425</b>
<b>STEEL FABRICATIONS</b>					
MISC METALS		BELOW	0.00	0	0.000
PIT LADDER	1	SUB	1,100.00	1,100	0.038
HANDRAIL/GUARDRAILING	1	SUB	6,200.00	6,200	0.215
35 LNFT KITCHEN HALF-WALL 3" X 5" C-CHANNEL AT TOP & BOTTOM	1	SUB	500.00	500	0.017
BATHROOM AND COUNTER TUBE STEEL AND BENT PLATE SUPPORTS	1	SUB	8,800.00	8,800	0.305
ELEVATOR SUMP PIT GRATE	1	SUB	750.00	750	0.026
EMBEDS & ANCHOR BOLTS	1	LS	500.00	500	0.017
PIPE BOLLARDS - Painted	4	EACH	150.00	600	0.021
SAFETY EQUIPMENT - STEEL ERECTION	1	LS	500.00	500	0.017
SHORING OF JOISTS DURING ELEVATOR DEMO	1	LS	940.03	940	0.033
UNLOAD & DISTRIBUTE STEEL ITEMS	1	LS	590.03	590	0.020
DUMP FEES	1	PULLS	350.00	350	0.012
<b>TOTAL STEEL FABRICATIONS</b>				<b>20,830</b>	<b>0.723</b>
<b>Total Division 05 METALS</b>				<b>\$33,079</b>	
<b>Division 06 WOOD &amp; PLASTIC</b>					
<b>ROUGH CARPENTRY AND FRAMING</b>					
BACKING & BLOCKING	1	LS	4,101.44	4,101	0.142
MILLWORK BACKING		INCLUDED	0.00	0	0.000
ACCESSORIES BACKING		INCLUDED	0.00	0	0.000
BATHROOM BACKING		INCLUDED	0.00	0	0.000
REPLACE DAMAGED ROOF SHEETING	4,059	SQFT	3.21	13,029	0.452
OVER-FRAMED DORMERS	1	LS	13,928.08	13,929	0.483
DIMENSIONAL FRAMING		INCLUDED	0.00	0	0.000
5/8" SHEETING		INCLUDED	0.00	0	0.000
SUNDRIES		INCLUDED	0.00	0	0.000
ELEVATOR SHAFT - REFRAMING OF FLOOR AND TRUSSES	1	LS	4,412.61	4,413	0.153
DIMENSIONAL FRAMING		INCLUDED	0.00	0	0.000
BRACING		INCLUDED	0.00	0	0.000
SUNDRIES		INCLUDED	0.00	0	0.000
3/4" FIREPROOF PLYWOOD AT IT ROOM	258	SQFT	7.33	1,876	0.065
RE-FRAME AT NEW WINDOW AND DOOR OPENINGS	210	LNFT	6.47	1,359	0.047
FASCIA REPLACEMENT	1,342	LNFT	2.62	3,516	0.122
DAILY CLEAN-UP - FRAMING	4	WKS	410.82	1,643	0.057
HOISTING EQUIPMENT & FUEL	1	MO	2,500.00	2,500	0.087
DUMP FEES	2	PULLS	350.00	700	0.024
<b>TOTAL ROUGH CARPENTRY AND FRAMING</b>				<b>47,066</b>	<b>1.633</b>
<b>ARCHITECTURAL MILLWORK</b>					
MILLWORK PACKAGE	1	SUB	88,100.00	88,100	3.057

Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT Prim/Partial City
PLASTIC LAMINATE CUSTOM CABINERY	INCLUDED		0.00	0	0.000
LOWER CABINETS WITH SHELIVING	INCLUDED		0.00	0	0.000
UPPER CABINETS WITH SHELIVING	INCLUDED		0.00	0	0.000
PLASTIC LAMINATE PANELS AT SECURITY CHECK-IN WALLS	INCLUDED		0.00	0	0.000
PLUMBING SKIRT/PROTECTION PANEL AT BATHROOM SINKS	INCLUDED		0.00	0	0.000
CORIAN SOLID SURFACE COUNTERTOPS IN BATHROOMS	INCLUDED		0.00	0	0.000
CORIAN SOLID SURFACE COUNTERTOPS AT SECURITY PASS-THRU	INCLUDED		0.00	0	0.000
CORIAN SOLID SURFACE WORK TOPS	INCLUDED		0.00	0	0.000
PAINT GRADE WOOD WALL CAP	INCLUDED		0.00	0	0.000
LAYOUT	1	LS	1,651.91	1,652	0.057
<b>TOTAL ARCHITECTURAL MILLWORK</b>				<b>89,752</b>	<b>3.114</b>
<b>Total Division 06 WOOD &amp; PLASTIC</b>				<b>\$136,818</b>	

**Division 07 THERMAL & MOISTURE PROTECTION**

**DAMP-PROOFING AND WATERPROOFING**

WATERPROOFING AT ELEVATOR SHAFT	148	SQFT	7.50	1,110	0.039
UNDERSLAB RIGID INSULATION	N/A		0.00	0	0.000
FOUNDATION INSULATION	N/A		0.00	0	0.000
<b>TOTAL DAMP-PROOFING AND WATERPROOFING</b>				<b>1,110</b>	<b>0.039</b>

**THERMAL AND SOUND INSULATION**

3" SPRAY FOAM INSULATION	BELOW		0.00	0	0.000
FIRST FLOOR EXTERIOR WALLS	9,727	SQFT	3.27	31,807	1.104
SECOND FLOOR RESIDENT AREA EXTERIOR WALLS	2,057	SQFT	3.27	6,726	0.233
SECOND FLOOR OFFICE AREA EXTERIOR WALLS	2,781	SQFT	3.27	9,127	0.317
ATTIC INSULATION - 10" R-30 BATT INSULATION ATTACHED TO RAFTERS	20,293	SQFT	1.10	22,322	0.775
ACOUSTICAL SOUND BATTS - Walls		IN DRYWALL	0.00	0	0.000
<b>TOTAL THERMAL AND SOUND INSULATION</b>				<b>69,982</b>	<b>2.428</b>

**FIRE STOPPING**

FIRE STOPPING - 1 HR WALLS	536	LNFT	3.60	1,930	0.067
FIRE STOPPING - 2 HR SLAB EDGE	539	LNFT	3.05	1,644	0.057
<b>TOTAL FIRE STOPPING</b>				<b>3,574</b>	<b>0.124</b>

**ASPHALT SHINGLE ROOFING**

REMOVE AND REPLACE ASPHALT SHINGLE ROOFING	1	SUB	72,142.00	72,142	2.503
GAF ARMOURSHIELD II SYSTEM	INCLUDED		0.00	0	0.000
REMOVE EXISTING ROOF AND DAMAGED UNDERLAYMENT	INCLUDED		0.00	0	0.000
NEW ICE & WATER SHIELD	INCLUDED		0.00	0	0.000
30 LB FELT UNDERLAYMENT	INCLUDED		0.00	0	0.000
CLOSED LINER IN VALLEYS	INCLUDED		0.00	0	0.000
30 YEAR 3-TAB GAF ARMOURSHIELD II SYSTEM	INCLUDED		0.00	0	0.000
2" X 4" PRE-FINISHED DRIP EDGE AT LOWER EAVE AND GABLE ENDS	INCLUDED		0.00	0	0.000
PIPE PENETRATION FLASHINGS	INCLUDED		0.00	0	0.000
ATTIC VENTS	INCLUDED		0.00	0	0.000
600 LNFT VENSTURE RIDGE VENT	1	SUB	2,800.00	2,800	0.097
<b>TOTAL CONCRETE ROOF TILES</b>				<b>74,942</b>	<b>2.601</b>

**MEMBRANE ROOFING**

60 MIL EPDM MEMBRANE ROOFING	1	SUB	23,385.00	23,385	0.811
REMOVE EXISTING WALL, CAP, AND PIPE FLASHING	INCLUDED		0.00	0	0.000
REMOVE EXISTING MEMBRANE	INCLUDED		0.00	0	0.000
INSTALL NEW 1/4" DENS DECK MECHANICALLY ATTACH TO EXISTING	INCLUDED		0.00	0	0.000
PROVIDE NEW TRANSITION STRIP AND PLATES	INCLUDED		0.00	0	0.000
FULLY ADHERE NEW 60 MIL EPDM MEMBRANE	INCLUDED		0.00	0	0.000
FLASH PIPES, CURBS, AND SCUPPERS	INCLUDED		0.00	0	0.000
<b>TOTAL MEMBRANE ROOFING</b>				<b>23,385</b>	<b>0.811</b>

**FLASHING AND SHEET METAL**

FLASHING AND SHEET METAL PACKAGE	BELOW		0.00	0	0.000
26 GAUGE COPING CAP WITH HOOK STRIP	IN MEMBRANE		0.00	0	0.000
6" SEAMLESS PRE-FINISHED GUTTERS	1	SUB	10,780.00	10,780	0.374
3"x4" CORRUGATED DOWNSPOUTS	IN ABOVE		0.00	0	0.000
FACIA FLASHINGS	INCLUDED		0.00	0	0.000
ICE & WATER MEMBRANE 36" WIDE AT EAVE EDGE	1	LS	1,200.00	1,200	0.042
MISC. ROOF FLASHINGS	1	LS	2,500.00	2,500	0.087
MISC FLASINGS	1	LS	4,500.00	4,500	0.156
<b>TOTAL FLASHING AND SHEET METAL</b>				<b>18,980</b>	<b>0.659</b>

**ROOF ACCESSORIES**

ROOF ACCESS HATCH	N/A		0.00	0	0.000
<b>TOTAL ROOF ACCESSORIES</b>				<b>0</b>	<b>0.000</b>

**JOINT SEALANTS**

JOINT SEALANTS	1	LS	11,500.00	11,500	0.399
REMOVE WEATHERED, AND AGED CAULKING	INCLUDED		0.00	0	0.000
NEW CAULKING AT DOORS, WINDOWS, SOFFITS, PENETRATIONS	INCLUDED		0.00	0	0.000
CLEAN UP	INCLUDED		0.00	0	0.000
<b>TOTAL JOINT SEALANTS</b>				<b>11,500</b>	<b>0.399</b>

**Total Division 07 THERMAL & MOISTURE PROTECTION**

**\$203,473**

**Division 08 DOORS & WINDOWS**

**HOLLOW METAL DOORS & FRAMES**

HM DOORS & FRAMES	BELOW		0.00	0	0.000
107 EACH HOLLOW METAL DOOR FRAMES	1	SUB	15,076.00	15,076	0.523
6 EACH HOLLOW METAL DOORS	1	SUB	2,914.00	2,914	0.101
UNLOAD AND SORT FRAMES AND DOORS	1	LS	806.42	806	0.028
<b>TOTAL HOLLOW METAL DOORS &amp; FRAMES</b>				<b>18,796</b>	<b>0.652</b>

**WOOD DOORS**

123 EACH SOLID CORE WOOD DOORS	1	SUB	45,334.00	45,334	1.573
WOOD DOORS WITH VISION LITE KITS	IN ABOVE		0.00	0	0.000
<b>TOTAL WOOD DOORS</b>				<b>45,334</b>	<b>1.573</b>

**DOOR HARDWARE**

129 SETS DOOR HARDWARE	1	SUB	100,570.00	100,570	3.490
STOREFRONT DOOR HARDWARE	1	SUB	8,458.00	8,458	0.293

Description	Quantity	Unit \$	Total \$	\$ per SQFT Prim/Partial Qty
<b>TOTAL DOOR HARDWARE</b>			<b>109,026</b>	<b>3.783</b>
<b>DOOR/FRAME/HARDWARE INSTALLATION</b>				
DOOR / FRAME / HARDWARE INSTALLATION	128 EACH	148.76	19,041	0.661
<b>TOTAL DOOR/FRAME/HARDWARE INSTALLATION</b>			<b>19,041</b>	<b>0.661</b>
<b>OVERHEAD COILING DOORS</b>				
9'-0" x 4'-0" ALUMINUM COILING PASS-THRU DOOR AT KITCHEN LINE	1 SUB	3,506.37	3,506	0.122
MANUAL OPERATION WITH SIDE BOLT LOCKS	INCLUDED	0.00	0	0.000
3'-0" x 4'-0" ALUMINUM COILING PASS-THRU DOOR AT DISHWASHER DROP-OFF	1 SUB	2,662.31	2,662	0.092
MANUAL OPERATION WITH SIDE BOLT LOCKS	INCLUDED	0.00	0	0.000
5'-7" x 5'-0" STEEL COILING COUNTER FIRE SHUTTER	1 SUB	3,188.89	3,187	0.111
1.5 HOUR RATED, 22 GAUGE STEEL, SMOKE SEALS	INCLUDED	0.00	0	0.000
INSTALLATION	1 SUB	1,541.26	1,541	0.053
<b>TOTAL ACCESS DOORS</b>			<b>10,896</b>	<b>0.378</b>
<b>ACCESS DOORS</b>				
ACCESS DOORS	1 LS	3,680.00	3,680	0.128
<b>TOTAL ACCESS DOORS</b>			<b>3,680</b>	<b>0.128</b>
<b>SKYLIGHTS</b>				
TUBULAR DAYLIGHTING DEVICES	1 SUB	12,090.00	12,090	0.420
2ND FLOOR VELUX SUN TUNNEL 2' DIA SKYLIGHTS	INCLUDED	0.00	0	0.000
1ST FLOOR VELUX SUN TUNNEL 2' DIA SKYLIGHTS	INCLUDED	0.00	0	0.000
INSTALLATION	7 EACH	290.73	2,035	0.071
<b>TOTAL SKYLIGHTS</b>			<b>14,125</b>	<b>0.490</b>
<b>VINYL CLAD WINDOWS</b>				
VINYL CLAD FIXED INSULATED WINDOWS	BELOW	0.00	0	0.000
3'-0" X 3'-0" FIXED WINDOW	7 EACH	534.40	3,741	0.130
3'-4" X 3'-0" FIXED WINDOW	1 EACH	584.40	584	0.020
FINAL GLASS CLEANING	BY OWNER	0.00	0	0.000
UNLOAD AND SORT WINDOWS	1 LS	264.10	264	0.009
<b>TOTAL VINYL CLAD WINDOWS</b>			<b>4,589</b>	<b>0.158</b>
<b>ALUMINUM STOREFRONT, GLAZING AND WINDOWS</b>				
ALUMINUM STOREFRONTS & ENTRY	1 SUB	61,844.00	61,844	2.148
EXTERIOR ALUMINUM STOREFRONT DOORS AND SIDELITES	INCLUDED	0.00	0	0.000
THERMALLY BROKEN FRAMES, CLEAR ANODIZED ALUMINUM	INCLUDED	0.00	0	0.000
MEDIUM STILE, 10" BOTTOM RAIL	INCLUDED	0.00	0	0.000
STOREFRONT GLASS/GLAZING	INCLUDED	0.00	0	0.000
1" INSULATED GLASS UNITS	INCLUDED	0.00	0	0.000
LOW-E 1/4" CLEAR GLAZING	INCLUDED	0.00	0	0.000
MIRRORS	BELOW	0.00	0	0.000
1/4" CLEAR MIRRORS W/POLISHED EDGES	INCLUDED	0.00	0	0.000
ALUMINUM 'J' CHANNEL SUPPORT, MASTIC ATTACHED TO WALL	INCLUDED	0.00	0	0.000
INTERIOR DOOR LITE GLAZING	BELOW	0.00	0	0.000
8" X 24" NARROW VISION DOOR LITE IN DOOR TYPES B & C	INCLUDED	0.00	0	0.000
20 MIN FIRE RATED DOOR LITES	INCLUDED	0.00	0	0.000
80 MIN FIRE RATED DOOR LITES	INCLUDED	0.00	0	0.000
1/4" CLEAR TEMPERED/NON-RATED LITES	INCLUDED	0.00	0	0.000
TRANSACTION/PASS-THRU WINDOWS	BELOW	0.00	0	0.000
2 EACH 8' X 4' SLIDING GLASS WINDOW OPENING	INCLUDED	0.00	0	0.000
1 EACH 4' X 4' SLIDING GLASS WINDOW OPENING	INCLUDED	0.00	0	0.000
5 EACH FIXED 4' X 4' WINDOWS IN ALUMINUM FRAMES	INCLUDED	0.00	0	0.000
CLEAR ANODIZED FRAMES WITH SELF-CLOSING DELUXE SERVICE WINDOW	INCLUDED	0.00	0	0.000
1/4" CLEAR TEMPERED/NON-RATED LITES	INCLUDED	0.00	0	0.000
WINDOW FILM AT WOMENS DORM/SLEEPING ROOMS	1 LS	5,000.00	5,000	0.174
FINAL GLASS CLEANING	BY OWNER	0.00	0	0.000
UNLOAD AND SORT WINDOWS	1 LS	667.31	667	0.023
<b>TOTAL ALUMINUM STOREFRONT, GLAZING AND WINDOWS</b>			<b>67,511</b>	<b>2.343</b>
<b>Total Division 08 DOORS &amp; WINDOWS</b>			<b>\$292,998</b>	
<b>Division 09 FINISHES</b>				
<b>DRYWALL</b>				
DRYWALL PACKAGE	1 SUB	283,782.00	283,782	9.847
A3A - 1/2 HR WALL 3 5/8 M.S. (1) 5/8 GYP EA SIDE - 468 LNFT	INCLUDED	0.00	0	0.000
A3B - 1 HR WALL 3 5/8 M.S. (1) 5/8 GYP EA SIDE - 556 LNFT	INCLUDED	0.00	0	0.000
A3E - 1/2 HR WALL 3 5/8 M.S. (1) 5/8 GYP E.S. SND BATT - 18 LNFT	INCLUDED	0.00	0	0.000
A3F - 1 HR WALL 3 5/8 M.S. (1) 5/8 GYP E.S. SND BATT - 91 LNFT	INCLUDED	0.00	0	0.000
A3H - WALL 3 5/8 M.S. (1) 5/8 GYP E.S. SND BATT - 13 LNFT	INCLUDED	0.00	0	0.000
A3I - WALL 3 5/8 M.S. (1) 5/8 GYP E.S. SND BATT - 83 LNFT	INCLUDED	0.00	0	0.000
A3J - WALL 3 5/8 M.S. (1) 5/8 GYP E.S. SND BATT - 115 LNFT	INCLUDED	0.00	0	0.000
A3K - WALL 3 5/8 M.S. (1) 5/8 GYP EA SIDE - 284 LNFT	INCLUDED	0.00	0	0.000
C3J - WALL 3 5/8 M.S. (1) 5/8 GYP ONE SIDE - 39 LNFT	INCLUDED	0.00	0	0.000
C3K - WALL 3 5/8 M.S. (1) 5/8 GYP ONE SIDE - 211 LNFT	INCLUDED	0.00	0	0.000
C6B - 1HR WALL 36" M.S. (1) 5/8 GYP EACH SIDE - 6 LNFT	INCLUDED	0.00	0	0.000
C6F - WALL 6" M.S. (1) 5/8 GYP EACH SIDE W/SND BATT - 18 LNFT	INCLUDED	0.00	0	0.000
C6H - WALL 6" M.S. (1) 5/8 GYP EACH SIDE W/SND BATT - 6 LNFT	INCLUDED	0.00	0	0.000
DRYWALL CEILINGS ATTACHED DIRECTLY TO JOISTS - 8,895 SQFT	INCLUDED	0.00	0	0.000
DRYWALL CEILINGS FRAMED/SUSPENDED - 8,564 SQFT	INCLUDED	0.00	0	0.000
DRYWALL AT EXT. WALLS FOR SPRAY FOAM NOT SHOWN - 2,400 SQFT	INCLUDED	0.00	0	0.000
SOFFITS - 111 SQFT	INCLUDED	0.00	0	0.000
HEADERS - 91 EACH	INCLUDED	0.00	0	0.000
TILE BACKER BOARD AND WET/GREEN BOARD AT BATHROOMS	INCLUDED	0.00	0	0.000
DRYWALL AT 1ST FLOOR EXTERIOR WALLS - 9,729 SQFT	INCLUDED	0.00	0	0.000
DRYWALL AT 2ND FLOOR OFFICES FOR ELEC. WIRING - 1,710 SQFT	INCLUDED	0.00	0	0.000
FURRING - 1 5/8 X 25 GA MS, (1) 5/8 GYP ONE SIDE - 252 SQFT	INCLUDED	0.00	0	0.000
LEVEL 4 FINISH AT WALLS	INCLUDED	0.00	0	0.000
LEVEL 3 KNOCKDOWN FINISH AT CEILINGS	INCLUDED	0.00	0	0.000
FCI LAYOUT	1 LS	2,902.70	2,903	0.101
<b>TOTAL DRYWALL</b>			<b>286,685</b>	<b>9.948</b>
<b>FLOOR FINISHES</b>				
RESINOUS EPOXY FLOORING - BASIS OF DESIGN, TNEMIC 223 DECCO TROWEL	1 SUB	33,335.00	33,335	1.157

Description	Quantity	Unit	Unit \$	Total \$	\$ per SQFT Prim/Partial Qty
RESTROOM FLOORS	INCLUDED		0.00	0	0.000
INTEGRAL RESTROOM BASE	INCLUDED		0.00	0	0.000
FORMED SHOWER MUD PANS	10 EACH		600.00	6,000	0.208
SHOWER FLOORS - DECO TROWEL SYSTEM EPOXY (HP2)	216 SQFT		12.00	2,592	0.090
INTEGRAL SHOWER WALLS - DECO TROWEL SYSTEM EPOXY (HP2)	1,623 LNFT		10.25	16,636	0.577
RESILIENT FLOORING	1 SUB		71,989.00	71,989	2.498
12" x 12" VINYL COMPOSITION TILE - 8,708 SQFT	INCLUDED		0.00	0	0.000
4" RUBBER BASE - 2,705 LNFT	INCLUDED		0.00	0	0.000
LUXURY VINYL TILE - 6" x 36" PLANK 30 MIL WEAR LAYER - 8,053 SQFT	INCLUDED		0.00	0	0.000
4" RUBBER BASE - 2,080 LNFT	INCLUDED		0.00	0	0.000
UNDERLAYMENT AT VCT/LVT OVER WOOD FLOORING SUBSTRATE	2,018 SQFT		2.75	5,544	0.192
RUBBER FLOOR TREADS AND RISERS - 204 LNFT	1 SUB		5,180.00	5,180	0.180
CARPET	1 SUB		32,057.00	32,057	1.112
CARPET TILE - 820 SQYD	INCLUDED		0.00	0	0.000
CARPET TILE INSTALLATION, SUNDRIES, ADHESIVE	INCLUDED		0.00	0	0.000
4" RUBBER BASE - 1,451 LNFT	INCLUDED		0.00	0	0.000
SEALED CONCRETE	IN PAINTING		0.00	0	0.000
ARDEX FLOOR LEVELING COMPOUND - 24,201 SQFT	1 SUB		11,592.00	11,592	0.402
MOISTURE TEST	N/A		0.00	0	0.000
MOISTURE PROTECTION	N/A		0.00	0	0.000
FLOOR PREP	26,395 SQFT		0.42	11,086	0.385
FLOOR PROTECTION	26,395 SQFT		0.35	9,238	0.321
<b>TOTAL FLOOR FINISHES</b>				<b>205,249</b>	<b>7.122</b>
<b>ACOUSTICAL CEILINGS</b>					
ACOUSTICAL CEILING	1 SUB		21,110.00	21,110	0.733
ARMSTRONG FINE FISSURED 2ND LOOK 2X4 TILE, PRELUDE XL GRID - 8,956 SQFT	INCLUDED		0.00	0	0.000
ARMSTRONG KITCHEN ZONE - 2X4 VINYL COVERED ACT - 828 SQFT	INCLUDED		0.00	0	0.000
<b>TOTAL ACOUSTICAL CEILINGS</b>				<b>21,110</b>	<b>0.733</b>
<b>STUCCO</b>					
REPAIR AND REFINISH STUCCO AS NEEDED	1 LS		7,900.00	7,900	0.274
MAIN ENTRANCE CEILING REPAIRS	INCLUDED		0.00	0	0.000
REMOVE EXISTING STUCCO AT DAMAGED AREAS	INCLUDED		0.00	0	0.000
RE-SKIM, AND INSTALL NEW FINISH COAT	INCLUDED		0.00	0	0.000
PATCH AREAS WITH NEW FOAM, SKIM COAT, AND FINISH COAT	INCLUDED		0.00	0	0.000
NEW STUCCO AT DORMER WALLS FOR HVAC DUCTWORK	221 SQFT		15.00	3,315	0.115
<b>TOTAL STUCCO</b>				<b>11,215</b>	<b>0.389</b>
<b>PAINTING</b>					
PAINTING PACKAGE	1 LS		120,578.00	120,578	4.184
GYP BOARD WALLS	INCLUDED		0.00	0	0.000
GYP BOARD CEILINGS	INCLUDED		0.00	0	0.000
HOLLOW METAL DOORS	INCLUDED		0.00	0	0.000
HOLLOW METAL DOOR FRAMES	INCLUDED		0.00	0	0.000
HIGH PERFORMANCE EPOXY PAINT AT RESTROOM WALLS/CEILINGS (HP1)	INCLUDED		0.00	0	0.000
GUARDRAILS & HANDRAILS	INCLUDED		0.00	0	0.000
SEAL CONCRETE FLOORS	INCLUDED		0.00	0	0.000
REPAINT EXTERIOR OF BUILDING	INCLUDED		0.00	0	0.000
PAINT NEW FASCIA	INCLUDED		0.00	0	0.000
MINOR TOUCHUPS	1 LS		3,550.32	3,550	0.123
<b>TOTAL PAINTING</b>				<b>124,128</b>	<b>4.307</b>
<b>FINISHES MISCELLANEOUS</b>					
DAILY CLEAN-UP - FINISHES	6 WKS		280.82	1,585	0.054
WEATHER PROTECTION - FINISHES	1 LS		1,500.00	1,500	0.052
TEMPORARY HEAT DURING ELECTRICAL SERVICE TRANSITION	4 WEEKS		1,400.00	5,600	0.194
DUMP FEES	2 PULLS		350.00	700	0.024
<b>TOTAL FINISHES MISCELLANEOUS</b>				<b>9,365</b>	<b>0.325</b>
<b>Total Division 09 FINISHES</b>				<b>\$657,752</b>	
<b>Division 10 SPECIALTIES</b>					
<b>TOILET PARTITIONS AND ACCESSORIES</b>					
TOILET PARTITIONS - BASIS OF DESIGN, PHENOLIC BOBRICK SIERRA SERIES	1 SUB		18,341.00	18,341	0.636
15 EACH TOILET PARTITIONS	INCLUDED		0.00	0	0.000
STANDARD, AND ADA TOILET PARTITIONS	INCLUDED		0.00	0	0.000
1 EACH URINAL SCREEN	INCLUDED		0.00	0	0.000
TOILET AND BATH ACCESSORIES - BASIS OF DESIGN, BOBRICK STAINLESS STEEL	1 SUB		22,931.00	22,931	0.796
8 EACH SETS - GRAB BARS AT EACH ADA STALL	INCLUDED		0.00	0	0.000
7 EACH SETS - GRAB BARS AND SEAT AT ADA SHOWER	INCLUDED		0.00	0	0.000
22 EACH - TOILET TISSUE DISPENSER - DOUBLE ROLL	INCLUDED		0.00	0	0.000
5 EACH - SANITARY NAPKIN DISPENSER	INCLUDED		0.00	0	0.000
19 EACH - PAPER TOWEL DISPENSER/WASTE RECEPTACLE - SEMI RECESSED	INCLUDED		0.00	0	0.000
48 EACH - SHOWER CURTAIN RODS	INCLUDED		0.00	0	0.000
48 EACH - SHOWER CURTAINS WITH RINGS	INCLUDED		0.00	0	0.000
7 EACH - SHOWER BENCH SEAT	INCLUDED		0.00	0	0.000
24 EACH - SOAP DISPENSER VERTICAL TANK TYPE	INCLUDED		0.00	0	0.000
23 EACH - DISH SOAP W/BAR FOR MOUNTING IN STUD WALLS	INCLUDED		0.00	0	0.000
3 EACH - MOP SHELF WITH HOOKS (34" LENGTH)	INCLUDED		0.00	0	0.000
232 EACH - ROBE HOOKS WITH CONCEALED MOUNTING	INCLUDED		0.00	0	0.000
<b>TOTAL TOILET PARTITIONS AND ACCESSORIES</b>				<b>41,272</b>	<b>1.432</b>
<b>SIGNAGE</b>					
SIGNAGE / GRAPHICS	1 ALLOWANCE		5,000.01	5,000	0.174
ROOM IDENTIFICATION SIGNS	INCLUDED		0.00	0	0.000
SAFETY SIGNAGE	INCLUDED		0.00	0	0.000
<b>TOTAL SIGNAGE</b>				<b>5,000</b>	<b>0.174</b>
<b>VISUAL DISPLAY SURFACES</b>					
VISUAL DISPLAY UNITS	1 SUB		5,978.00	5,978	0.207
5 EACH - 4'-0" x 4'-0" TACK BOARDS	INCLUDED		0.00	0	0.000
40 EACH - 4'-0" x 1'-0" COLORED CORK TACK BOARDS	INCLUDED		0.00	0	0.000
1 EACH 3'-6" x 6'-6" COLORED CORK TACK BOARD	INCLUDED		0.00	0	0.000
5 EACH 4'-0" x 4'-0" MARKER BOARDS	INCLUDED		0.00	0	0.000

ESTIMATOR: STEVE RADEMACHER

PROJECT SQFT: 28818

PROJECT DURATION: 8.8 Months

Description	Quantity	Unit \$	Total \$	\$ per SQFT Prim/Partial Qty
<b>TOTAL DISPLAY SURFACES</b>			<b>5,979</b>	<b>0.207</b>
<b>FIRE EXTINGUISHERS AND CABINETS</b>				
FIRE EXTINGUISHERS AND CABINETS	1 SUB	3,229.00	3,229	0.112
9 EACH - MULTI-PURPOSE 10# ABC TYPE FIRE EXTINGUISHERS	9 EACH	27.05	243	0.008
1 EACH - K CLASS 1.8 GAL FIRE EXTINGUISHER FOR KITCHEN	1 EACH	54.10	54	0.002
3 EACH - SEMI-RECESSED CABINET W/TEMPERED GLASS	3 EACH	27.05	81	0.003
7 EACH - FIRE RATED SEMI-RECESSED CABINET W/TEMPERED GLASS	7 EACH	54.10	379	0.013
<b>TOTAL FIRE EXTINGUISHERS AND CABINETS</b>			<b>3,986</b>	<b>0.138</b>
<b>WALL PROTECTION</b>				
KITCHEN 124, DRY STORAGE 123, OFFICE 125 WALL FRP TO 8' AFF	1 SUB	10,496.00	10,498	0.364
CRANE COMPOSITES FRP	1 SUB	13,538.00	13,538	0.470
FRP AT LOUNGE BACKSPLASH	INCLUDED	0.00	0	0.000
DELETE 4'-0" x 5'-0" FRP AT RESIDENT ROOMS	43 EACH	-256.00	-11,006	-0.382
4'-0" x 4'-0" FRP AT JANITOR ROOM FLOOR SINK	6 EACH	131.76	791	0.027
CORNER GUARDS	55 EACH	82.39	4,531	0.157
<b>TOTAL WALL PROTECTION</b>			<b>18,350</b>	<b>0.637</b>
<b>Total Division 10 SPECIALTIES</b>			<b>\$74,586</b>	
<b>Division 11 EQUIPMENT</b>				
<b>KITCHEN EQUIPMENT</b>				
KITCHEN EQUIPMENT	BELOW	0.00	0	0.000
48" X 21" WIRE SHELVING	8 EACH	40.51	324	0.011
54" X 21" WIRE SHELVING	7 EACH	48.82	342	0.012
CART TRAY TRANSPORTS	2 EACH	397.24	794	0.068
UTILITY PAN RACK	2 EACH	613.08	1,228	0.043
96" WALL MOUNTED STAINLESS STEEL SHELF	1 EACH	198.71	199	0.017
84" WALL MOUNTED STAINLESS STEEL SHELF	1 EACH	181.41	181	0.015
72" WALL MOUNTED STAINLESS STEEL SHELF	1 EACH	164.55	165	0.014
48" WALL MOUNTED STAINLESS STEEL SHELF	1 EACH	140.16	140	0.012
24" WALL MOUNTED STAINLESS STEEL UTILITY SHELF	1 EACH	272.81	273	0.023
48" X 30" WORK TABLE WITH UNDERSHELF	1 EACH	694.58	695	0.024
96" X 30" WORK TABLE WITH UNDERSHELF	1 EACH	1,109.73	1,110	0.039
72" X 12" WORK TABLE - NO UNDERSHELF	1 EACH	864.46	864	0.072
COLD BUFFET FOOD STATION	2 EACH	4,055.13	8,110	0.281
HOT BUFFET FOOD/SOUP STATION	1 EACH	3,800.23	3,800	0.317
HEATED MOBILE CABINET	1 EACH	1,925.00	1,926	0.067
SNEEZE GUARDS	2 EACH	639.98	1,280	0.044
CONVECTION OVEN	1 EACH	6,400.00	6,400	0.533
CONVECTION STEAMER	1 EACH	9,728.00	9,728	0.811
HEAVY DUTY RANGE	1 EACH	2,250.00	2,250	0.188
36" MANUAL GRIDDLE	1 EACH	3,609.41	3,609	0.301
FOOD PROCESSOR	1 EACH	950.36	950	0.032
MEAT SLICER	1 EACH	3,714.36	3,714	0.310
LEGACY PLANETARY MIXER	1 EACH	8,140.82	8,141	0.678
EXHAUST HOOD WITH STAINLESS STEEL FLASHING	1 EACH	5,957.38	5,957	0.207
ANSUL FIRE SUPPRESSION SYSTEM	1 EACH	5,317.87	5,318	0.443
27 GAL. CAPACITY INGREDIENT BINS	4 EACH	187.42	750	0.053
WALL MOUNTED PRE-RINSE FAUCET	1 EACH	222.45	222	0.008
TWO (2) COMPARTMENT NSF SINK	1 EACH	1,117.50	1,118	0.039
THREE (3) COMPARTMENT NSF SINK	1 EACH	1,477.74	1,478	0.123
WALL MOUNTED HAND SINKS	2 EACH	294.82	589	0.049
1,183 CUFT NOR-LAK FINELINE WALK-IN COOLER	1 EACH	16,824.15	16,824	0.584
43.7 CUFT TWO (2) SECTION REACH-IN REFRIGERATOR	1 EACH	2,993.20	2,993	0.104
ICE MAKER	1 EACH	3,011.86	3,012	0.261
ICE BIN	1 EACH	901.83	902	0.031
ICE & WATER DISPENSER	1 EACH	5,055.12	5,055	0.175
42" PLASTIC LOUVERED SHELVING	4 EACH	64.28	257	0.009
74" METROMAX POST FOR SHELVING	4 EACH	18.75	75	0.003
SOILED DISHTABLE	1 EACH	1,622.70	1,623	0.135
GARBAGE DISPOSER	1 EACH	1,878.08	1,879	0.157
SYPHON INSINKERATOR W/OFF-SET CHUTE	1 EACH	545.23	545	0.019
HIGH TEMPERATURE WAREWASHER (DOOR TYPE)	OWNER LEASE	0.00	0	0.000
CLEAN DISHTABLE	1 EACH	1,298.16	1,298	0.045
1.2 CUFT MICROWAVE OVEN, 1,200 WATT	1 EACH	1,018.21	1,018	0.035
DUAL PORTABLE COFFEE MAKER - 16.3 GAL/HOUR	1 EACH	1,471.14	1,471	0.051
POT RACK	1 EACH	186.29	186	0.016
28" X 21" STAINLESS STEEL MOP SINK	1 EACH	521.16	521	0.018
FREIGHT	1 LS	8,086.76	8,087	0.280
INSTALLATION	1 LS	15,800.00	15,800	0.541
<b>TOTAL KITCHEN EQUIPMENT</b>			<b>132,977</b>	<b>4.614</b>
<b>RESIDENTIAL APPLIANCES</b>				
RESIDENTIAL APPLIANCES	BY OWNER	0.00	0	0.000
<b>TOTAL RESIDENTIAL APPLIANCES</b>			<b>0</b>	<b>0.000</b>
<b>Total Division 11 EQUIPMENT</b>			<b>\$132,977</b>	
<b>Division 12 FURNISHINGS</b>				
<b>WINDOW TREATMENTS</b>				
1" ALUMINUM HORIZONTAL MINI-BLINDS	1 SUB	4,338.00	4,338	0.151
INSTALLATION	INCLUDED	0.00	0	0.000
<b>TOTAL WINDOW TREATMENTS</b>			<b>4,338</b>	<b>0.151</b>
<b>FLOOR MATS</b>				
ENTRY MAT	IN FLOORING	0.00	0	0.000
<b>TOTAL FLOOR MATS</b>			<b>0</b>	<b>0.000</b>
<b>Total Division 12 FURNISHINGS</b>			<b>\$4,338</b>	
<b>Division 13 SPECIAL CONSTRUCTION</b>				
<b>Total Division 13 SPECIAL CONSTRUCTION</b>			<b>\$0</b>	



Description	Quantity	Unit \$	Total \$	\$ per SQFT
<b>Division 14 CONVEYING SYSTEMS</b>				
<b>ELEVATOR</b>				
KONE MACHINE ROOM-LESS ELECTRIC TRACTION PASSENGER ELEVATOR	1 SUB	92,812.00	92,812	3.221
ECOSPACE 2-STOP ELEVATOR	INCLUDED	0.00	0	0.000
3500 LB CAPACITY	INCLUDED	0.00	0	0.000
P-LAM WALL PANELS, VCT FLOORING	INCLUDED	0.00	0	0.000
2-YEAR WARRANTY	1 LS	3,600.00	3,600	0.125
<b>TOTAL ELEVATOR</b>			<b>96,412</b>	<b>3.346</b>
<b>Total Division 14 CONVEYING SYSTEMS</b>			<b>\$96,412</b>	

<b>Division 21 FIRE SUPPRESSION</b>				
<b>FIRE SPRINKLER SYSTEM</b>				
FIRE SPRINKLER SYSTEM	1 LS	68,800.00	68,800	2.387
RELOCATE AND DROP HEADS	INCLUDED	0.00	0	0.000
INSTALL NEW SUPPLY LINE TO PHASE I FOR USE DURING CONSTRUCTION	INCLUDED	0.00	0	0.000
DRAIN AND REFILL SYSTEM	INCLUDED	0.00	0	0.000
NEW GLYCOL ANTIFREEZE WATER TREATMENT	1 LS	21,300.00	21,300	0.739
CAD FEES	INCLUDED	0.00	0	0.000
DESIGN AND CALCULATIONS	INCLUDED	0.00	0	0.000
FCI LAYOUT AND COORDINATION	1 LS	2,415.17	2,415	0.084
FIRE LINE INTO BUILDING	N/A	0.00	0	0.000
<b>TOTAL FIRE SPRINKLER SYSTEM</b>			<b>92,515</b>	<b>3.210</b>
<b>Total Division 21 FIRE SUPPRESSION</b>			<b>\$92,515</b>	

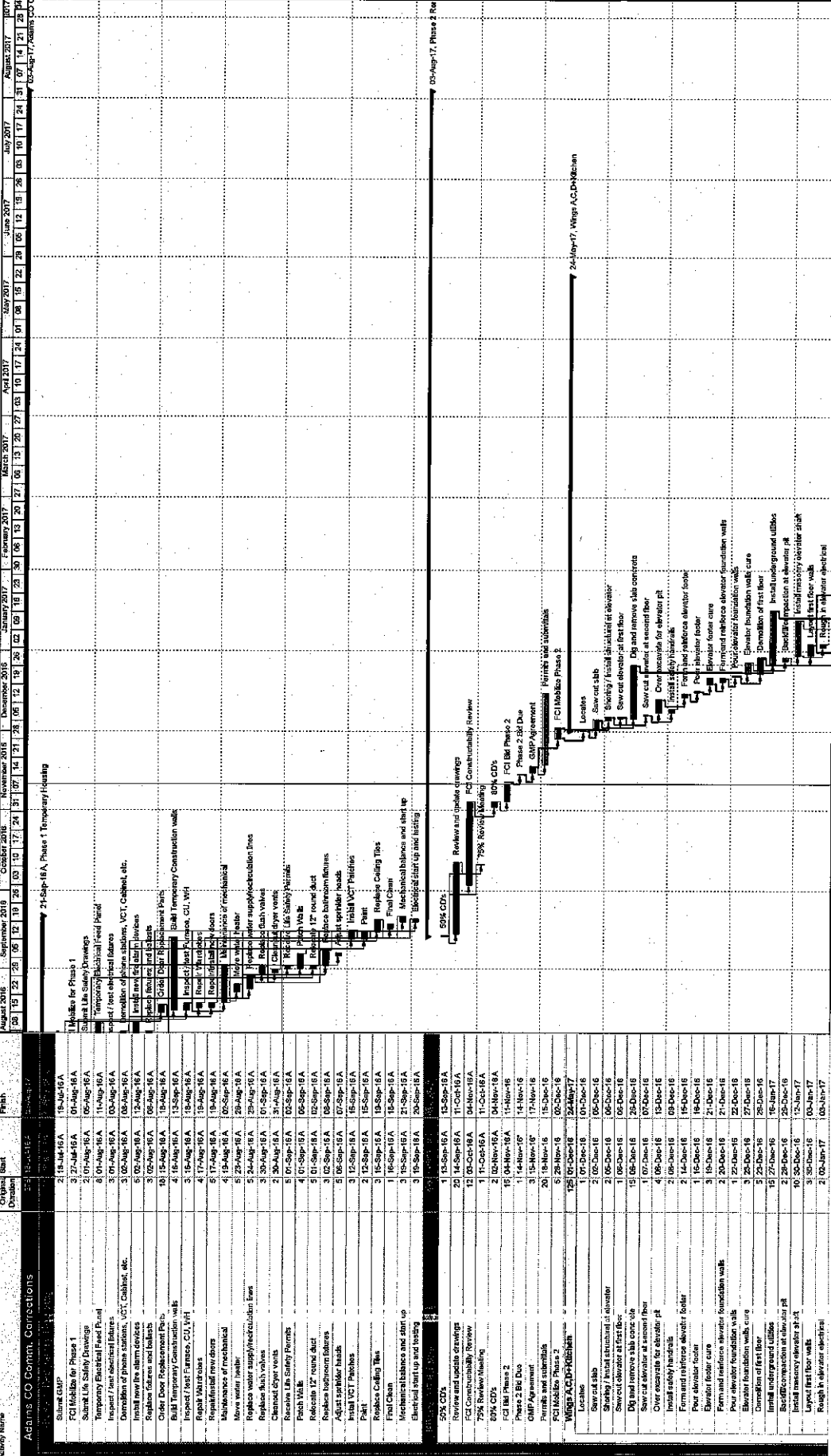
<b>Division 22 PLUMBING</b>				
<b>PLUMBING SYSTEM</b>				
PLUMBING SYSTEM	BELOW	0.00	0	0.000
BELOW GRADE PIPING	1 SUB	104,258.80	104,260	3.618
ABOVE GRADE PIPING	1 SUB	172,657.80	172,658	5.991
PLUMBING FIXTURES	1 SUB	379,291.90	379,292	13.162
DELETE 1-PIECE SHOWER INSERTS AT STANDARD SHOWER STALLS	17 EACH	-725.00	-12,325	-0.428
DELETE ADA TERRAZZO SHOWER PANS	7 EACH	-325.00	-2,275	-0.079
PIPING INSULATION	1 SUB	65,803.50	65,804	2.283
ABOVE GROUND HYDRONICS	1 SUB	125,571.50	125,572	4.361
EQUIPMENT	1 SUB	14,468.40	14,468	0.502
GENERAL CONDITIONS AND P&H	1 SUB	59,613.30	59,613	2.069
USE PRO-PRESS FITTINGS IN LIEU OF SOLDERING JOINTS	1 SUB	-8,000.00	-8,000	-0.278
REDUCE THE NUMBER OF FLOOR DRAINS BY 17 EACH	1 SUB	-7,650.00	-7,650	-0.265
PVC WASTE & VENT PIPING IN LIEU OF CAST IRON PIPING	1 SUB	-25,000.00	-25,000	-0.868
FCI LAYOUT AND COORDINATION	1 LS	2,415.17	2,415	0.084
DUMP FEES	2 PULLS	350.00	700	0.024
<b>TOTAL PLUMBING SYSTEM</b>			<b>869,632</b>	<b>30.177</b>
<b>Total Division 22 PLUMBING</b>			<b>\$869,632</b>	

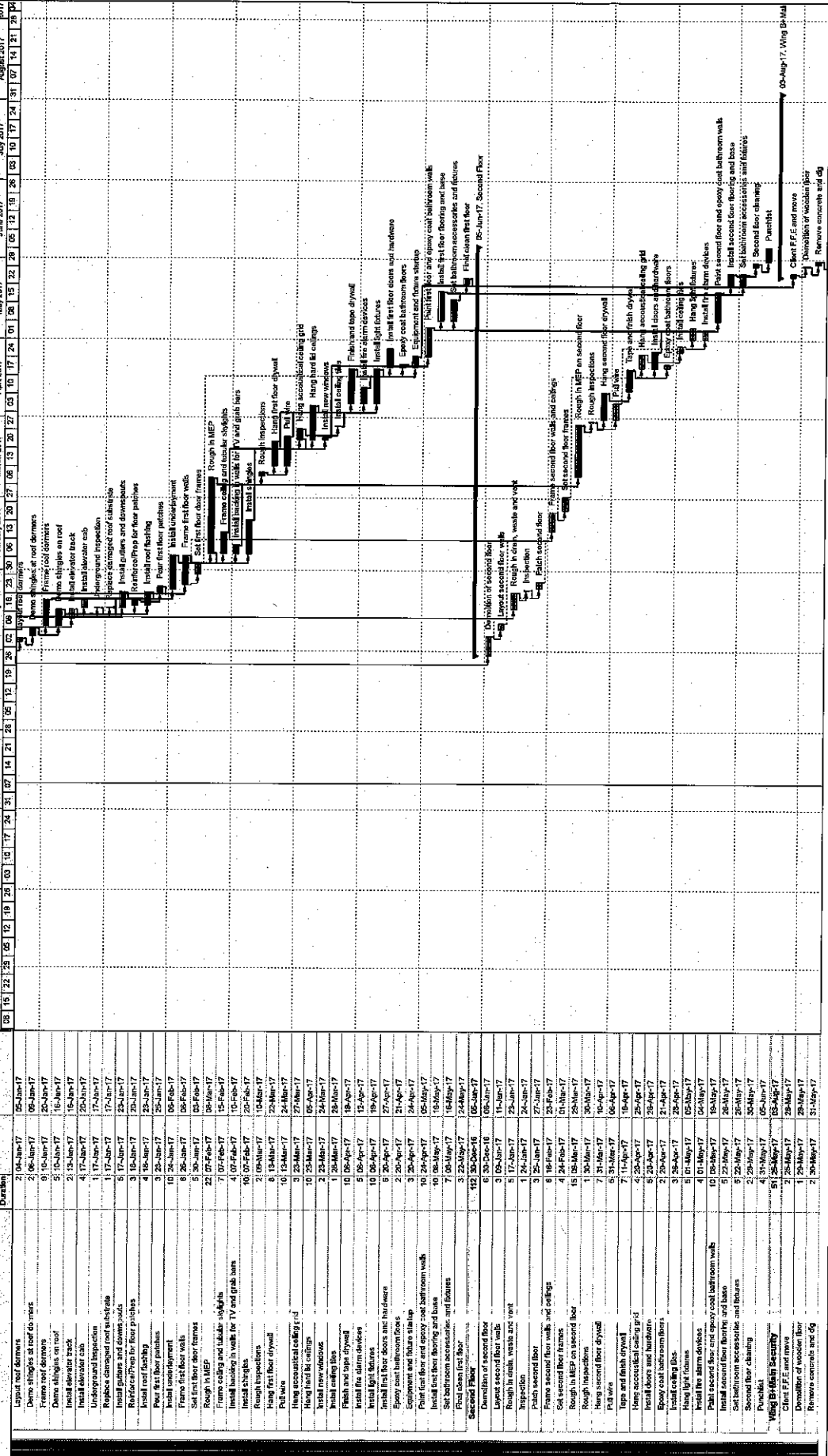
<b>Division 23 HVAC</b>				
<b>HVAC SYSTEM</b>				
HVAC SYSTEM	BELOW	0.00	0	0.000
ABOVE GRADE REFRIGERATION & HVAC	1 SUB	228,033.08	228,033	7.913
DUCTWORK	1 SUB	82,091.91	82,092	2.849
HVAC & REFRIGERATION EQUIPMENT	1 SUB	164,087.00	164,087	5.694
TEMPERATURE CONTROLS	1 SUB	137,925.00	137,925	4.786
DUCT FOR USING ABS NUMBER FOR HONEYWELL CONTROLS	1 SUB	-41,000.00	-41,000	-1.423
DUCTWORK INSULATION	1 SUB	65,803.50	65,804	2.283
WATER/CHEMICAL TREATMENT	1 SUB	5,841.00	5,841	0.203
CORE DRILLING & SAWCUTTING	1 SUB	36,900.00	36,900	1.280
TESTING & BALANCING	1 SUB	8,100.00	8,100	0.281
START-UP AND COMMISSIONING	1 SUB	4,266.00	4,266	0.148
FCI LAYOUT AND COORDINATION	1 LS	2,415.17	2,415	0.084
DUMP FEES	2 PULLS	350.00	700	0.024
<b>TOTAL HVAC SYSTEM</b>			<b>695,173</b>	<b>24.123</b>
<b>Total Division 23 HVAC</b>			<b>\$695,173</b>	

<b>Division 26 ELECTRICAL</b>				
<b>ELECTRICAL</b>				
BUILDING ELECTRICAL	BELOW	0.00	0	0.000
BUILDING BACK-UP GENERATOR	SEE ALT. 3	0.00	0	0.000
TEMPORARY POWER	1 SUB	10,125.00	10,125	0.351
DEMO/MAKE SAFE	1 SUB	7,503.00	7,503	0.260
LIGHTING PACKAGE	1 SUB	228,576.00	228,576	7.862
LIGHTING CONTROLS	1 SUB	62,630.00	62,630	2.173
MAIN DISTRIBUTION	1 SUB	53,530.00	53,530	1.858
FEEDERS	1 SUB	44,882.00	44,882	1.557
POWER	1 SUB	41,810.00	41,810	1.451
TELE/DATE ROUGH-IN	1 SUB	15,918.00	15,918	0.552
FIRE ALARM (SYSTEMS GROUP)	1 SUB	118,787.00	118,787	4.122
CCTV ROUGH-IN	1 SUB	11,327.00	11,327	0.393
SECURITY ROUGH-IN	1 SUB	2,339.00	2,339	0.081
MECHANICAL POWER AND CONNECTIONS	1 SUB	45,991.00	45,991	1.598
KITCHEN POWER AND CONNECTIONS	1 SUB	19,810.00	19,810	0.680
REDUCE THE NUMBER OF OUTLETS IN SLEEPING ROOMS BY HALF	INCLUDED	0.00	0	0.000
CHANGE POWER DISTRIBUTION FROM EMT TO MC CABLE	INCLUDED	0.00	0	0.000
FCI LAYOUT AND COORDINATION	1 LS	2,415.17	2,415	0.084
DUMP FEES	2 PULLS	350.00	700	0.024
<b>TOTAL ELECTRICAL SYSTEM</b>			<b>664,143</b>	<b>23.046</b>
<b>Total Division 26 ELECTRICAL</b>			<b>\$664,143</b>	

<b>Division 27 COMMUNICATIONS</b>				
<b>COMMUNICATIONS</b>				

Description	Quantity	Unit \$	Total \$	\$ per SQFT Prim/Partial Qty
HORIZONTAL CABLING	1 SUB	30,425.00	30,425	1.058
STRUCTURED CABLING	INCLUDED	0.00	0	0.000
CABINETS / RACKS / ENCLOSURES	INCLUDED	0.00	0	0.000
WIRING FROM CAMERAS TO IT ROOM	INCLUDED	0.00	0	0.000
TESTING OF ALL CABLE	INCLUDED	0.00	0	0.000
PATCH CORDS - 10' CAT-6 CABLE FOR 133 LOCATIONS	INCLUDED	0.00	0	0.000
FACEPLATES AND ACCESSORIES	INCLUDED	0.00	0	0.000
J-HOOK SUPPORTS IN ACCESSIBLE CEILING AREAS	INCLUDED	0.00	0	0.000
<b>TOTAL COMMUNICATIONS</b>			<b>30,425</b>	<b>1.058</b>
<b>Total Division 27 COMMUNICATIONS</b>			<b>\$30,425</b>	
<b>Division 28 ELECTRONIC SAFETY &amp; SECURITY</b>				
<b>SECURITY SYSTEMS</b>				
ACCESS CONTROL SYSTEM	4 EACH	3,500.00	14,000	0.486
4 EA CARD READER INTERFACE LOCATIONS	INCLUDED	0.00	0	0.000
CARD READER CONTROLLER	INCLUDED	0.00	0	0.000
BATTERY BACK-UP	INCLUDED	0.00	0	0.000
DOOR POSITION SWITCHES	INCLUDED	0.00	0	0.000
REQUEST TO EXIT OPTION	INCLUDED	0.00	0	0.000
VIDEO SURVEILLANCE	1 SUB	26,399.00	26,399	0.916
DIGITAL CAMERAS	INCLUDED	0.00	0	0.000
RELOCATE TWO (2) CAMERAS FROM PHASE I INSTALLATION	INCLUDED	0.00	0	0.000
DIGITAL RECORDING DEVICES	BY OWNER	0.00	0	0.000
<b>TOTAL SECURITY SYSTEMS</b>			<b>40,399</b>	<b>1.402</b>
<b>FIRE DETECTION AND ALARM SYSTEM</b>				
FIRE ALARM	IN ELECTRICAL	0.00	0	0.000
DESIGN AND ENGINEERING	IN ELECTRICAL	0.00	0	0.000
<b>TOTAL FIRE DETECTION AND ALARM SYSTEM</b>			<b>0</b>	<b>0.000</b>
<b>Total Division 28 ELECTRONIC SAFETY AND SECURITY</b>			<b>\$40,399</b>	
<b>Division 31 EARTHWORK</b>				
<b>Total Division 31 EARTHWORK</b>			<b>\$0</b>	
<b>Division 32 EXTERIOR IMPROVEMENTS</b>				
<b>ASPHALT PAVING</b>				
ASPHALT PATCH AT NEW CURB & GUTTER FOR MECHANICAL PAD	1 LS	1,040.00	1,040	0.036
<b>TOTAL ASPHALT PAVING</b>			<b>1,040</b>	<b>0.036</b>
<b>SITE CONCRETE</b>				
SITE CONCRETE PACKAGE	BELOW	0.00	0	0.000
MECHANICAL PADS	299 SQFT	6.30	1,885	0.065
CONCRETE MATERIALS	6 CU YD	165.00	990	0.034
CURB & GUTTER AT SOUTH PARKING MECHANICAL PAD	22 LNFT	25.20	554	0.019
CONCRETE MATERIALS	1 CU YD	165.00	165	0.006
LAYOUT	1 LS	675.64	675	0.023
<b>TOTAL SITE CONCRETE</b>			<b>4,250</b>	<b>0.147</b>
<b>FENCING AND GATES</b>				
8' h CHAIN LINK FENCE WITH WIND SCREEN AT MECHANICAL UNITS	68 LNFT	28.00	1,904	0.057
3' w CHAIN LINK FENCE GATES	2 EACH	250.00	500	0.015
8' TALL WOOD LOUVER FENCE	34 LNFT	169.18	5,752	0.200
3'-0" WIDE EGRESS GATES	2 EACH	550.00	1,100	0.038
2" x 6" CEDAR LOUVERED SLATS AND TOP CAP	INCLUDED	0.00	0	0.000
6" x 6" CEDAR WOOD POSTS	INCLUDED	0.00	0	0.000
CONCRETE POST FOUNDATIONS	INCLUDED	0.00	0	0.000
<b>TOTAL FENCING AND GATES</b>			<b>9,256</b>	<b>0.321</b>
<b>Total Division 32 EXTERIOR IMPROVEMENTS</b>			<b>\$14,546</b>	
<b>Division 33 UTILITIES</b>				
<b>Total Division 33 UTILITIES</b>			<b>\$0</b>	





Adams CO Comm. Connections Classic Schedule Layout 14-Nov-16 12:27

Activity Name	Original Start Duration	Finish	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	
Install underground cask, waste and vent	3:01-Jun-17	08-Jun-17															
Underground inspections	1:06-Jun-17	06-Jun-17															
Rebar and prep for floor patches	1:07-Jun-17	07-Jun-17															
Pour B wing floor patch	1:08-Jun-17	08-Jun-17															
Layout B wing walk	2:08-Jun-17	09-Jun-17															
Frame B wing walk	3:12-Jun-17	14-Jun-17															
Set B wing door frames	2:15-Jun-17	16-Jun-17															
Rough in B wing MEP	7:15-Jun-17	25-Jun-17															
Demolition of construction temporary wall	1:27-Jun-17	27-Jun-17															
Rough inspections	4:28-Jun-17	05-Jul-17															
Full cure	6:28-Jun-17	05-Jul-17															
Hang B wing drywall and install ceiling	5:05-Jul-17	12-Jul-17															
Finish and tape B wing dry wall	4:13-Jul-17	18-Jul-17															
Hang acoustical ceiling grid	3:15-Jul-17	17-Jul-17															
Install B wing doors and hardware	1:15-Jul-17	15-Jul-17															
Spoo coat bathroom floor	4:18-Jul-17	21-Jul-17															
Paint B wing and epoxy coat bathroom walls	3:21-Jul-17	25-Jul-17															
Install ceiling tiles	3:21-Jul-17	25-Jul-17															
Install fire alarm devices	3:21-Jul-17	25-Jul-17															
Install light fixtures	3:21-Jul-17	25-Jul-17															
Install B wing flooring and base	4:26-Jul-17	27-Jul-17															
Set bathroom accessories and fixtures	2:07-Aug-17	02-Aug-17															
Final inspections	1:02-Aug-17	02-Aug-17															
Substantial completion																	

