



DATE: July 10, 2023  
TO: Hamblen County Legislative Body  
FROM: Bill Brittain, Hamblen County Mayor  
RE: **July 2023 Committee Meeting Information**

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**Monday, July 10, 2023, at 5:00 p.m.-Large Courtroom-Hamblen County Courthouse**

- **Justice Center/Public Safety Committee**
- **Finance Committee**-*Immediately following the adjournment of the Justice Center/Public Safety Committee*
- **Real Estate Committee**-*Immediately following the adjournment of the Finance Committee*
- **Personnel Committee**-*Immediately following the adjournment of the Real Estate Committee*
- **Public Services Committee**-*Immediately following the adjournment of the Personnel Committee*
- **Bulk Waste Committee**- *Immediately following adjournment of the Public Services Committee*
- **Calendar and Rules Committee** - *Immediately following adjournment of the Bulk Waste Committee*

**Bill Brittain, County Mayor**

511 West Second North Street • Morristown, TN 37814 • *office.* 423.586.1931 • *fax.* 423.585.4699

**[www.HamblenCountyTN.gov](http://www.HamblenCountyTN.gov)** • *email.* [bbrittain@co.hamblen.tn.us](mailto:bbrittain@co.hamblen.tn.us)

[Return to Committee Cover](#)



Hamblen County Government  
**JUSTICE CENTER/PUBLIC SAFETY COMMITTEE**

Monday, July 10, 2023  
Large Courtroom-Hamblen County Courthouse

**AGENDA**

Tim Horner  
*Chairman*

Mike Richardson  
*Vice-Chairman*

Chris Cutshaw  
*Ex-Officio*

Debbie A'Hearn  
*Member*

Thomas Doty  
*Member*

Edna Greene  
*Member*

Stan Harville  
*Member*

Bobby Haun  
*Member*

Peggy Howell  
*Member*

Joe Huntsman, Sr.  
*Member*

Rodney Long  
*Member*

Wayne NeSmith  
*Member*

Mike Reed  
*Member*

Kyle Walker  
*Member*

1. **Call to Order** – *Chairman Tim Horner*
2. **Visitors Wishing to Address the Committee about Agenda Items Only** –  
*Chairman Tim Horner (Visitors will be allotted 3 minutes to speak)*
3. **Old Business**-*Chairman Tim Horner*
  - a. None
4. **New Business**- *Chairman Tim Horner*
  - a. Justice Center Project Update-Tony Pettit-BurWil Construction
  - b. Justice Center CO #13-Tony Pettit-BurWil Construction
5. **Items of Interest (No Action Necessary)** – *Chairman Tim Horner*
  - a. Jail/Justice Center Project Expenditures as of June 30, 2023
6. **Adjournment** – *Chairman Tim Horner*

**From:** Briggs, Linda <[lbriggs@moseleyarchitects.com](mailto:lbriggs@moseleyarchitects.com)>  
**Sent:** Thursday, July 6, 2023 11:07 AM  
**To:** Bill Brittain, Hamblen County Mayor <[BBrittain@CO.hamblen.tn.us](mailto:BBrittain@CO.hamblen.tn.us)>; Jaron Dowalter <[jdowalter@burwil.com](mailto:jdowalter@burwil.com)>; Tony Pettit <[Tpettit@burwil.com](mailto:Tpettit@burwil.com)>  
**Cc:** Blaine Prine <[bprine@blaineconstruction.com](mailto:bprine@blaineconstruction.com)>; Dejuana Smith <[dsmith@burwil.com](mailto:dsmith@burwil.com)>  
**Subject:** 590418 Hamblen County CO#013

**CAUTION:** This email message originated from outside of Hamblen County Government. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Mayor,

Please see attached CO#013 signed and ready for processing for the items listed below. Please let me know if you have any questions.

PCO-010 updates related Emergency Generator this PCO resulted in \$0 cost

PCO-022 This PCO is for revisions to the feeders for the Chiller based on submittal from Contractor. This is a savings to the Owner of (\$1,619.00).

PCO-029 This PCO is related to Submittal 233423-001-01 HVAC POWER VENTILATORS. During review it was noted that the fans listed below motor HP increased. Per correspondence with the manufacturer during review by design team they noted that the basis of design fans HP had increased since design of the project which is the driving factor of this cost increase of \$9,258.00. During discussion with the supplier, they noted that there was no other fan that would meet the design criteria.

PCO-054 This PCO was issued in response to RFI-218 as requested provided a detail to close off the top of CMU enclosures around steel columns in the rec yards to protect the steel from weather and keep rain etc. out of the enclosures. It was determined that the best solution for the longevity of the building was provide a pre-cast cap. The cost is \$8,586.00.

PCO-059 This PCO is for final reconciliation for added **materials** for micro piles not covered under previous PCOs #23 and 27 which have already been accepted and placed in CO #s 5 and 6. The cost for this PCO is \$31,835.00.

**Linda Briggs**  
Construction Contract Administrator

## **MOSELEY ARCHITECTS**

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## Change Order

**Hamblen County Justice Center****Change Order Number: 13****Project # 590418****To Contractor:**

Blaine Construction Corporation  
 6510 Deane Hill Drive  
 Knoxville, TN 37919

**Change Order Date:** 06/30/2023**Contract Date:** 10/18/2021**The Contract is hereby revised by the following items:**

<b>PCO</b>	<b>Description</b>	<b>Days</b>	<b>Amount</b>
010	Emergency Generator Coordination	0	\$0.00
022	Chiller feeds based on Submittal	0	(\$1,619.00)
029	Electric Change Power Ventilator Sumbittal	0	\$9,258.00
054	RFI-281 Precast Caps top of CMU enclosures	0	\$8,586.00
059	Micropile Added Materials	0	\$31,835.00
<b>Total for this Change Order:</b>		<b>0 Days</b>	<b>\$48,060.00</b>

The original Contract Sum was..... \$92,208,500.48  
 Sum of changes by prior Change Orders..... \$933,884.68  
 The Contract Sum prior to this Change Order was..... \$93,142,385.16  
 The Contract Sum will be changed by this Change Order in the amount of..... \$48,060.00  
**The new Contract Sum including this Change Order will be..... \$93,190,445.16**  
 The Contract duration will be changed by..... 0 Days  
 The revised Substantial Completion date as of this Change Order is..... 2/7/2024

ARCHITECT  
 Moseley Architects  
 6210 Ardrey Kell Rd, Suite 425  
 Charlotte, NC 28277

CONTRACTOR  
 Blaine Construction Corporation  
 6510 Deane Hill Drive  
 Knoxville, TN 37919

OWNER  
 Hamblen County  
 511 W. 2nd North St.  
 Morristown, TN 37814

SIGNATURE Signed by:



ECDD1DD89EC04AD...

DATE 6/30/2023

SIGNATURE



DATE 7/6/2023

SIGNATURE

DATE

**Potential Change Order  
No. 010  
Scope of Work**

Project Name	Arch Project No.	Date
<b>Hamblen County Justice Center</b>	<b>590418</b>	<b>3/14/2022</b>
Subject	Specification No.	Drawing No.
<b>Emergency Generator Coordination</b>	<b>263212</b>	E1.1, E5.1, E5.4 M1.0, C3.1.

Attention	Created By
<b>Blaine Prine, Blaine Construction Corporation</b>	<b>Linda Briggs</b>

This is not a change order nor a directive to proceed with the work described herein. Please submit with the form below an itemized material cost and time proposal for the changes in the contract sum and contract time for the following proposed modification(s) to the contract:

**Description:** Please refer to updated Spec 263213 and drawings E1.1, E5.1, E5.4 M1.0 and C3.1. Spec revisions are a result of review of shop drawing 263213-001 which removed the cold weather packet from the Generator. Updated drawings show the coordination of the Generator.

**Receipt of your proposal is requested by: March 28, 2022**

**Proposal**

In response to the request above, the Contractor proposes to perform the changes described for an increase / ~~decrease~~ in the contract sum in the amount of \$ 0.00 and increase / decrease in the contract time of 0 calendar days.

A detailed breakdown of labor and material costs is attached hereto which includes all costs and time associated with the proposed change(s).

Signed:  Date: 6-7-23

Encl.: As Stated

Cc w/encl.:

Linda Briggs  
Construction Services Division

BLAINE CONSTRUCTION CORPORATION Pending Change Order (PCO) Breakdown Form						ADD CHANGE REQUEST			
HAMBLÉN COUNTY JUSTICE CENTER MORRISTOWN, TN						BCC Job No. 85164 Moseley Job No. 590418 DATE: 6/7/2023 REVISION: 0			
PCO- 010 AND 010R1 - GENERATOR - DELETE COLD WEATHER PACKAGE & ADD TWO FEEDERS FOR GENERATOR CONTROL.						Quoted By: BLAINE PRINE			
SUMMARY OF WORK:									
PER MOSELEY PCO-0010 AND 010R1 - GENERATOR - DELETE COLD WEATHER PACKAGE & ADD TWO FEEDERS FOR GENERATOR CONTROL.									
ITEM	DESCRIPTION	QTY	UNIT	LABOR		EQUIPMENT/MATERIAL		SUBCONTR.	TOTAL
				U.P.	TOTAL	U.P.	TOTAL	TOTAL	
				-	-	-	-	-	-
1	DELETE COLD WEATHER PACKAGE ON GENERATORS (SEE NOTE 1 BELOW), ADD TWO CONDUITS/FEEDERS FOR GENERATOR CONTROL FROM BUILDING TO GENERATOR/CHILLER PAD. SEE ATTACHED SUBCONTRACTOR QUOTE WITH BLAINE MARK-UPS.	1.0	LSUM	-	-	-	-	0.00	0.00
NOTES:									
1. FOR RECORD, BLAINE CONSTRUCTION CORPORATION RECOMMENDS LEAVING THE COLD WEATHER PACKAGE ON THE GENERATOR SETS, AS THE RISKS AND POTENTIAL TEMPORARY GENERATOR EFFORTS & COSTS, IF EVER REQUIRED, OUTWEIGH THE SAVINGS TO ELIMINATE THIS/THESE FEATURES.									
2. N/A									
SUB-TOTALS ALL WORK					-		-	-	-
					-		-	-	-
Material Tax & Equipment Surcharge							-		-
Labor Burden @ 42% Labor Totals					-				-
OH & Profit @ 15% BCC Totals					-		-		-
OH & Profit Subs @ 5%:								-	-
Builders Risk Insurance @ 0.2%									-
Payment & Performance Bonds @ 0.85%									-
TOTAL COST								\$	0.00

SERVICE ONE INC.

Blaine Construction Company  
Hamblen County Justice Center  
Job: 24090 - PCO-010 PCO-010R

Added 2 - 2inch conduits for the 60 amp Generator  
panles Delete Cold Weather Package move roll up

	QTY	UNIT	MH	Labor Cost	Materials Unit	Equip Cost	Sub C Cost	Total Labor	Total Material	Total Equip	Total Sub C	TOTAL
1 PCO-010	0	CY	0.69	\$58.00		\$25.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2 Remove Spoils to on-site Location	0	CY	0.69	\$58.00		\$25.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3 Install 2 new 2" PVC encased conduits	600	ft	0.062	\$58.00	\$2.91	\$0.00	\$0.00	\$2,157.60	\$1,746.00	\$0.00	\$0.00	\$3,903.60
4 Misc 90 ells, concrete chairs, tie wire	0	LS	2	\$58.00	\$493.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5 Concrete Encasement 310'L X 7"W X 24"	0	CY	0.36	\$58.00	\$130.00	\$25.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6 Additional Rebar	0	LS	3	\$58.00	\$83.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7 Install 3 each #4 THHN per conduit sched 60Y X2	1800	ft	0.02	\$58.00	\$1.27	\$0.00		\$2,088.00	\$2,287.80	\$0.00	\$0.00	\$4,375.80
8 Install 1 each #8 THHN per conduit x2	600	ft	0.04	\$58.00	\$0.99			\$1,392.00	\$594.00	\$0.00	\$0.00	\$1,986.00
9 Procure & Install 2 each 60 amp 3ph 480v breakers	2	ea	3	\$58.00	\$665.00			\$348.00	\$1,330.00	\$0.00	\$0.00	\$1,678.00
10 Deduct for removing Gen Set Cold weather plugs	2	ea	0	\$58.00	-\$210.00		\$0.00	\$0.00	-\$420.00	\$0.00	\$0.00	-\$420.00
11 Deduct for removing Cold Weather kits from Gen	2	ea	0	\$58.00	\$0.00	\$0.00	-\$6,122.00	\$0.00	\$0.00	\$0.00	-\$12,244.00	-\$12,244.00
PCO-010R Moving Roll up panel to rear of pad 30ft												
12 ATS-O 4" PVC Conduits X 4	120	ft	0.1	\$58.00	\$7.70			\$696.00	\$924.00	\$0.00	\$0.00	\$1,620.00
13 4 each 600 MCM copper cables 30 ft X 4 cond	480	ft	0.009	\$58.00	\$15.13			\$2,756.16	\$7,262.40	\$0.00	\$0.00	\$10,018.56
14 1 each 4/0 copper cable 30 ft X 4 cond	120	ft	0.0035	\$58.00	\$5.19			\$24.36	\$623.04	\$0.00	\$0.00	\$647.40
15 ATS-S 4" PVC Conduits X 3	90	ft	0.1	\$58.00	\$7.70			\$522.00	\$693.00	\$0.00	\$0.00	\$1,215.00
16 4 each 500 MCM copper cables 30 ft X 3	360	ft	0.091	\$58.00	\$12.14			\$1,900.08	\$4,371.48	\$0.00	\$0.00	\$6,271.56
17 1 each 2/0 copper cable 30 ft X 4 cond	120	ft	0.0021	\$58.00	\$3.30			\$14.62	\$395.52	\$0.00	\$0.00	\$410.14
18 ATS - X 2" PVC Conduit 1 ea	30	ft	0.1	\$58.00	\$2.90			\$174.00	\$87.00	\$0.00	\$0.00	\$261.00
19 4 each #1 awg copper cables 30 ft	120	ft	0.0015	\$58.00	\$2.19			\$10.44	\$262.20	\$0.00	\$0.00	\$272.64
20 1 each #8 awg copper cable 30 ft	30	ft	0.0011	\$58.00	\$0.54			\$1.91	\$16.20	\$0.00	\$0.00	\$18.11
21												
22												
23												
24												
25												
26												
12 Supervision	1	Hr	40	\$80.00				\$3,200.00	\$0.00	\$0.00	\$0.00	\$3,200.00
13								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SUBTOTALS								5,985.60	5,537.80		\$0.00	
Sales Tax on Materials 9.25%								\$15,285.17	\$20,172.64	\$0.00	-\$12,244.00	\$23,213.81
Small Tools and Consumables 4% of Labor								239.42	\$611.41	\$1,865.97		\$1,965.97
SUBTOTAL								\$15,896.58	\$22,638.61	\$0.00	-\$12,244.00	\$26,291.19
Bond Adder For C/O 1%								6,225.02				\$256.91
Insurance Adder For C/O 1%									6,050.05			\$25,948.10
SUB TOTAL												\$259.48
OVERHEAD 10%												\$26,207.58
PROFIT 5%												\$2,620.76
CHANGE ORDER TOTAL												\$28,828.34
												\$1,441.42
												\$30,269.75

NOT APPLICABLE TO  
PCO-010 OR PCO-010R1.

-720.60  
+512.25  
+239.42  
31.07

\$0

## SECTION 263213 - ENGINE GENERATORS

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section includes packaged engine-generator sets for emergency power supply with the following features:

Adjust list below to suit Project.

1. Diesel engine.
2. Unit-mounted cooling system.
3. Unit-mounted and remote-mounted control and monitoring.
4. Performance requirements for sensitive loads.
5. Fuel system.
6. Parallel generator sets.
7. Load banks.
8. Outdoor enclosure.

#### 1.3 DEFINITIONS

- A. Operational Bandwidth: The total variation from the lowest to highest value of a parameter over the range of conditions indicated, expressed as a percentage of the nominal value of the parameter.
- B. LP: Liquid petroleum.
- C. EPS: Emergency power supply.
- D. EPSS: Emergency power supply system.

#### 1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.
  1. Include rated capacities, operating characteristics, electrical characteristics, and furnished specialties and accessories.
  2. Include thermal damage curve for generator.
  3. Include time-current characteristic curves for generator protective device.

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MORRISTOWN, TENNESSEE  
Architect's Project No: 590418

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4. Include fuel consumption in gallons per hour at 0.8 power factor at 0.5, 0.75 and 1.0 times generator capacity.
5. Include generator efficiency at 0.8 power factor at 0.5, 0.75 and 1.0 times generator capacity.
6. Include air flow requirements for cooling and combustion air in cfm at 0.8 power factor, with air supply temperature of 95, 80, 70, and 50 deg F. Provide drawings showing requirements and limitations for location of air intake and exhausts.
7. Include generator characteristics, including, but not limited to kw rating, efficiency, reactances, and short-circuit current capability.
8. Provide a letter for the AHJ stating the manufacturer will comply with the NFPA 110 requirements for Level 1 equipment and the enclosure will not drop below 40 degree F.

B. Shop Drawings:

1. Include plans and elevations for engine-generator set and other components specified. Indicate access requirements affected by height of subbase fuel tank.
2. Include details of equipment assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
3. Identify fluid drain ports and clearance requirements for proper fluid drain.
4. Design calculations for selecting vibration isolators and seismic restraints and for designing vibration isolation bases. Only required for seismic certified units.
5. Vibration Isolation Base Details: Detail fabrication including anchorages and attachments to structure and to supported equipment. Include base weights.
6. Include diagrams for power, signal, and control wiring. Complete schematic, wiring, and interconnection diagrams showing terminal markings for EPS equipment and functional relationship between all electrical components.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For packaged engine generators to include in emergency, operation, and maintenance manuals.

1. In addition to items specified in Section 017823 "Operation and Maintenance Data," include the following:
  - a. List of tools and replacement items recommended to be stored at Project for ready access. Include part and drawing numbers, current unit prices, and source of supply.
  - b. Operating instructions laminated and mounted adjacent to generator location.
  - c. Training plan.
  - d. Warranty.

1.6 SUBSTITUTIONS

The generator system has been designed to the Basis of Design manufacturer's electrical and physical characteristics. The equipment sizing, spacing, amounts, electrical wiring, ventilation equipment, fuel, and exhaust and other physical and electrical components have all been sized and designed around Caterpillar supplied equipment. Should any other manufacturer's

equipment be submitted for use on the project, the equipment provider shall bear responsibility for the installation, coordination and operation of the system as well as any engineering and redesign costs, which may result. Other generator manufacturers are known to produce equipment capable of meeting the functional requirements of this section but have not been evaluated to confirm they are compatible with the space limitations or any other installation requirements that may differ from the Basis of Design Equipment.

#### 1.7 WARRANTY

- A. Manufacturer's Warranty: Manufacturer agrees to repair or replace components of packaged engine generators and associated auxiliary components that fail in materials or workmanship within One year from date of Final Completion.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - 1. Caterpillar; Engine Div.
  - 2. Generac Power Systems, Inc.
  - 3. Kohler Power Systems.
  - 4. Onan/Cummins Power Generation; Industrial Business Group.
- B. Source Limitations: Obtain packaged generator sets and auxiliary components through one source from a single manufacturer.

#### 2.2 PERFORMANCE REQUIREMENTS

- A. ASME Compliance: Comply with ASME B15.1.
- B. Comply with EPA emission standards for reciprocating internal combustion engines (RICE).
- C. NFPA Compliance:
  - 1. Comply with NFPA 37.
  - 2. Comply with NFPA 70.
  - 3. Comply with NFPA 110 requirements for Level 1 emergency power supply system.
- D. UL Compliance: Comply with UL 2200.
- E. Engine Exhaust Emissions: Comply with EPA Tier 2 requirements and applicable state and local government requirements.

- F. Noise Emission: Comply with applicable state and local government requirements for maximum noise level at adjacent property boundaries due to sound emitted by generator set including engine, engine exhaust, engine cooling-air intake and discharge, and other components of installation.
- G. Environmental Conditions: Engine-generator system shall withstand the following environmental conditions without mechanical or electrical damage or degradation of performance capability:
  - 1. Ambient Temperature: 5 to 40 deg C.
  - 2. Altitude: Sea level to 1000 feet.
- H. Unusual Service Conditions: Engine-generator equipment and installation are required to operate under the following conditions:

## 2.3 ASSEMBLY DESCRIPTION

- A. Factory-assembled and -tested, water-cooled engine, with brushless generator and accessories.
- B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a testing agency acceptable to authorities having jurisdiction, and marked for intended location and application.
- C. EPSS Class: Engine-generator set shall be classified as a Class 48 in accordance with NFPA 110.
- D. Governor: Adjustable isochronous, with speed sensing.
- E. Mounting Frame: Structural steel framework to maintain alignment of mounted components without depending on concrete foundation. Provide lifting attachments sized and spaced to prevent deflection of base during lifting and moving.
  - 1. Rigging Diagram: Inscribed on metal plate permanently attached to mounting frame to indicate location and lifting capacity of each lifting attachment and generator-set center of gravity.
- F. Capacities and Characteristics:
  - 1. Power Output Ratings: Nominal ratings as indicated at 0.8 power factor excluding power required for the continued and repeated operation of the unit and auxiliaries.
  - 2. Output Connections: Three-phase, four wire.
  - 3. Nameplates: For each major system component to identify manufacturer's name and address, and model and serial number of component.
- G. Generator-Set Performance:
  - 1. Steady-State Voltage Operational Bandwidth: 3 percent of rated output voltage from no load to full load.
  - 2. Transient Voltage Performance: Not more than 20 percent variation for 50 percent step-load increase or decrease. Voltage shall recover and remain within the steady-state operating band within three seconds.

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MORRISTOWN, TENNESSEE  
Architect's Project No: 590418

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3. Steady-State Frequency Operational Bandwidth: 0.5 percent of rated frequency from no load to full load.
4. Steady-State Frequency Stability: When system is operating at any constant load within the rated load, there shall be no random speed variations outside the steady-state operational band and no hunting or surging of speed.
5. Transient Frequency Performance: Less than 5 percent variation for 50 percent step-load increase or decrease. Frequency shall recover and remain within the steady-state operating band within five seconds.
6. Output Waveform: At no load, harmonic content measured line to line or line to neutral shall not exceed 5 percent total and 3 percent for single harmonics. Telephone influence factor, determined according to NEMA MG 1, shall not exceed 50 percent.
7. Sustained Short-Circuit Current: For a three-phase, bolted short circuit at system output terminals, system shall supply a minimum of 250 percent of rated full-load current for not less than 10 seconds and then clear the fault automatically, without damage to generator system components.
8. Start Time: Comply with NFPA 110, Type 10, system requirements.
9. Transient Voltage Performance: Not more than 10 percent variation for 50 percent step-load increase or decrease. Voltage shall recover and remain within the steady-state operating band within 0.5 second.
10. Steady-State Frequency Operational Bandwidth: Plus or minus 0.25 percent of rated frequency from no load to full load.
11. Steady-State Frequency Stability: When system is operating at any constant load within the rated load, there shall be no random speed variations outside the steady-state operational band and no hunting or surging of speed.
12. Transient Frequency Performance: Less than 2-Hz variation for 50 percent step-load increase or decrease. Frequency shall recover and remain within the steady-state operating band within three seconds.
13. Output Waveform: At no load, harmonic content measured line to neutral shall not exceed 2 percent total with no slot ripple. Telephone influence factor, determined according to NEMA MG 1, shall not exceed 50 percent.
14. Sustained Short-Circuit Current: For a three-phase, bolted short circuit at system output terminals, system shall supply a minimum of 300 percent of rated full-load current for not less than 10 seconds and then clear the fault automatically, without damage to winding insulation or other generator system components.
15. Excitation System: Performance shall be unaffected by voltage distortion caused by nonlinear load.

a. Provide permanent magnet excitation for power source to voltage regulator.

16. Start Time: Comply with NFPA 110, Type 10, system requirements.

H. Parallel Engine Generators (when indicated on the drawings):

1. Automatic reactive output power control and load sharing between generator sets operated in parallel.
2. Automatic regulation, automatic connection to a common bus, and automatic synchronization, with manual controls and instruments to monitor and control paralleling functions.
3. Protective relays required for equipment and personnel safety.
4. Paralleling suppressors to protect excitation systems.

5. Reverse power protection.
6. Loss of field protection.

## 2.4 ENGINE

- A. Fuel: Fuel oil, Grade DF-2
- B. Rated Engine Speed: 1800 rpm.
- C. Maximum Piston Speed for Four-Cycle Engines: 2250 fpm.
- D. Lubrication System: The following items are mounted on engine or skid:
  1. Filter and Strainer: Rated to remove 90 percent of particles 5 micrometers and smaller while passing full flow.
  2. Thermostatic Control Valve: Control flow in system to maintain optimum oil temperature. Unit shall be capable of full flow and is designed to be fail-safe.
  3. Crankcase Drain: Arranged for complete gravity drainage to an easily removable container with no disassembly and without use of pumps, siphons, special tools, or appliances.
- E. Jacket Coolant Heater: Electric-immersion type, factory installed in coolant jacket system. Comply with NFPA 110 requirements for Level 1 equipment for heater capacity.
- F. Cooling System: Closed loop, liquid cooled, with radiator factory mounted on engine-generator-set mounting frame and integral engine-driven coolant pump.
  1. Size of Radiator: Adequate to contain expansion of total system coolant from cold start to 110 percent load condition.
  2. Expansion Tank: Constructed of welded steel plate and rated to withstand maximum closed-loop coolant system pressure for engine used. Equip with gage glass and petcock.
  3. Temperature Control: Self-contained, thermostatic-control valve modulates coolant flow automatically to maintain optimum constant coolant temperature as recommended by engine manufacturer.
  4. Coolant Hose: Flexible assembly with inside surface of nonporous rubber and outer covering of aging-, ultraviolet-, and abrasion-resistant fabric.
    - a. Rating: 50-psig maximum working pressure with coolant at 180 deg F, and noncollapsible under vacuum.
    - b. End Fittings: Flanges or steel pipe nipples with clamps to suit piping and equipment connections.
- G. Cooling System: Closed loop, liquid cooled, with remote radiator and integral engine-driven coolant pump..
  1. Configuration: Vertical air discharge.
  2. Radiator Core Tubes: Aluminum.
  3. Size of Radiator: Adequate to contain expansion of total system coolant from cold start to 110 percent load condition.
  4. Expansion Tank: Constructed of welded steel plate and rated to withstand maximum closed-loop coolant system pressure for engine used. Equip with gage glass and petcock.

5. Coolant: Solution of 50 percent ethylene-glycol-based antifreeze and 50 percent water, with anticorrosion additives as recommended by engine manufacturer.
  6. Temperature Control: Self-contained, thermostatic-control valve modulates coolant flow automatically to maintain optimum constant coolant temperature as recommended by engine manufacturer.
- H. Muffler/Silencer: Critical type, sized as recommended by engine manufacturer and selected with exhaust piping system to not exceed engine manufacturer's engine backpressure requirements.
1. Minimum sound attenuation of 25 dB at 500 Hz.
  2. Sound level measured at a distance of 25 feet from exhaust discharge after installation is complete shall be 78 dBA or less.
- I. Air-Intake Filter: Heavy-duty, engine-mounted air cleaner with replaceable dry-filter element and "blocked filter" indicator.
- J. Starting System: 24-V electric, with negative ground.
1. Components: Sized so they are not damaged during a full engine-cranking cycle with ambient temperature at maximum specified in "Performance Requirements" Article.
  2. Cranking Motor: Heavy-duty unit that automatically engages and releases from engine flywheel without binding.
  3. Cranking Cycle: As required by NFPA 110 for system level specified.
  4. Battery: Lead acid, with capacity within ambient temperature range specified in "Performance Requirements" Article to provide specified cranking cycle at least three times without recharging.
  5. Battery Cable: Size as recommended by engine manufacturer for cable length indicated. Include required interconnecting conductors and connection accessories.
  6. Battery Compartment: Factory fabricated of metal with acid-resistant finish and thermal insulation. Thermostatically controlled heater shall be arranged to maintain battery above 10 deg C regardless of external ambient temperature within range specified in "Performance Requirements" Article. Include accessories required to support and fasten batteries in place. Provide ventilation to exhaust battery gases.
  7. Battery Stand: Factory-fabricated, two-tier metal with acid-resistant finish designed to hold the quantity of battery cells required and to maintain the arrangement to minimize lengths of battery interconnections.
  8. Battery-Charging Alternator: Factory mounted on engine with solid-state voltage regulation and 35 A minimum continuous rating.
  9. Battery Charger: Current-limiting, automatic-equalizing and float-charging type designed for lead-acid batteries. Unit shall comply with UL 1236 and include the following features:
    - a. Operation: Equalizing-charging rate of 10 A shall be initiated automatically after battery has lost charge until an adjustable equalizing voltage is achieved at battery terminals. Unit shall then be automatically switched to a lower float-charging mode and shall continue to operate in that mode until battery is discharged again.
    - b. Automatic Temperature Compensation: Adjust float and equalize voltages for variations in ambient temperature from minus 40 deg F to 140 deg F to prevent overcharging at high temperatures and undercharging at low temperatures.
    - c. Automatic Voltage Regulation: Maintain constant output voltage regardless of input voltage variations up to plus or minus 10 percent.

- d. Ammeter and Voltmeter: Flush mounted in door. Meters shall indicate charging rates.
- e. Safety Functions: Sense abnormally low battery voltage and close contacts providing low battery voltage indication on control and monitoring panel. Sense high battery voltage and loss of ac input or dc output of battery charger. Either condition shall close contacts that provide a battery-charger malfunction indication at system control and monitoring panel.
- f. Enclosure and Mounting: NEMA 250, Type 1, wall-mounted cabinet.

## 2.5 DIESEL FUEL-OIL SYSTEM

- A. Comply with NFPA 30.
- B. Main Fuel Pump: Mounted on engine to provide primary fuel flow under starting and load conditions.
- C. Fuel Filtering: Remove water and contaminants larger than 1 micron.
- D. Subbase-Mounted, Double-Wall, Fuel-Oil Tank: Factory installed and piped, complying with UL 142 fuel-oil tank. Features include the following:
  - 1. Tank level indicator.
  - 2. Fuel-Tank Capacity: Minimum 133 percent of total fuel required for periodic maintenance operations between fuel refills, plus fuel for the hours of continuous operation for indicated EPSS class.
  - 3. Leak detection in interstitial space.
  - 4. Vandal-resistant fill cap.
  - 5. Containment Provisions: Comply with requirements of authorities having jurisdiction.

## 2.6 CONTROL AND MONITORING

- A. Automatic Starting System Sequence of Operation: When mode-selector switch on the control and monitoring panel is in the automatic position, remote-control contacts in one or more separate automatic transfer switches initiate starting and stopping of generator set. When mode-selector switch is switched to the on position, generator set starts. The off position of same switch initiates generator-set shutdown. When generator set is running, specified system or equipment failures or derangements automatically shut down generator set and initiate alarms.
- B. Manual Starting System Sequence of Operation: Switching on-off switch on the generator control panel to the on position starts generator set. The off position of same switch initiates generator-set shutdown. When generator set is running, specified system or equipment failures or derangements automatically shut down generator set and initiate alarms.
- C. Provide minimum run time control set for 30 minutes with override only by operation of a remote emergency-stop switch.
- D. Comply with UL 508A.

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- E. Configuration: Operating and safety indications, protective devices, basic system controls, and engine gages shall be grouped in a common control and monitoring panel mounted on the generator set. Panel shall be powered from the engine-generator set battery.
- F. Indicating Devices: As required by NFPA 110 for Level 1 system, including the following:
  - 1. AC voltmeter.
  - 2. AC ammeter.
  - 3. AC frequency meter.
  - 4. EPS supplying load indicator.
  - 5. Ammeter and voltmeter phase-selector switches.
  - 6. DC voltmeter (alternator battery charging).
  - 7. Engine-coolant temperature gage.
  - 8. Engine lubricating-oil pressure gage.
  - 9. Running-time meter.
  - 10. Current and Potential Transformers: Instrument accuracy class.
- G. Protective Devices and Controls in Local Control Panel: Shutdown devices and common visual alarm indication as required by NFPA 110 for Level 1 system, including the following:
  - 1. Start-stop switch.
  - 2. Overcrank shutdown device.
  - 3. Overspeed shutdown device.
  - 4. Coolant high-temperature shutdown device.
  - 5. Coolant low-level shutdown device.
  - 6. Low lube oil pressure shutdown device.
  - 7. Air shutdown damper shutdown device when used.
  - 8. Overcrank alarm.
  - 9. Overspeed alarm.
  - 10. Coolant high-temperature alarm.
  - 11. Coolant low-temperature alarm.
  - 12. Coolant low-level alarm.
  - 13. Low lube oil pressure alarm.
  - 14. Air shutdown damper alarm when used.
  - 15. Lamp test.
  - 16. Contacts for local and remote common alarm.
  - 17. Coolant high-temperature prealarm.
  - 18. Generator-voltage adjusting rheostat.
  - 19. Main fuel tank low-level alarm.
    - a. Low fuel level alarm shall be initiated when the level falls below that required for operation for the duration required in "Fuel Tank Capacity" Paragraph in "Diesel Fuel-Oil System" Article.
  - 20. Run-Off-Auto switch.
  - 21. Control switch not in automatic position alarm.
  - 22. Low cranking voltage alarm.
  - 23. Battery-charger malfunction alarm.
  - 24. Battery low-voltage alarm.
  - 25. Battery high-voltage alarm.

26. Generator overcurrent protective device not closed alarm.

- H. Supporting Items: Include sensors, transducers, terminals, relays, and other devices and include wiring required to support specified items. Locate sensors and other supporting items on engine or generator, unless otherwise indicated.
- I. Remote Alarm Annunciator: Comply with NFPA 99. An LED labeled with proper alarm conditions shall identify each alarm event, and a common audible signal shall sound for each alarm condition. Silencing switch in face of panel shall silence signal without altering visual indication. Connect so that after an alarm is silenced, clearing of initiating condition will reactivate alarm until silencing switch is reset. Cabinet and faceplate are surface- or flush-mounting type to suit mounting conditions indicated.
  - 1. Overcrank alarm.
  - 2. Coolant low-temperature alarm.
  - 3. High engine temperature prealarm.
  - 4. High engine temperature alarm.
  - 5. Low lube oil pressure alarm.
  - 6. Overspeed alarm.
  - 7. Low fuel main tank alarm.
  - 8. Low coolant level alarm.
  - 9. Low cranking voltage alarm.
  - 10. Contacts for local and remote common alarm.
  - 11. Audible-alarm silencing switch.
  - 12. Air shutdown damper when used.
  - 13. Run-Off-Auto switch.
  - 14. Control switch not in automatic position alarm.
  - 15. Fuel tank derangement alarm.
  - 16. Fuel tank high-level shutdown of fuel supply alarm.
  - 17. Lamp test.
  - 18. Low cranking voltage alarm.
  - 19. Generator overcurrent protective device not closed.
- J. Supporting Items: Include sensors, transducers, terminals, relays, and other devices and include wiring required to support specified items. Locate sensors and other supporting items on engine or generator, unless otherwise indicated.
- K. Remote Emergency-Stop Switch: Flush; wall mounted, unless otherwise indicated; and labeled. Push button shall be protected from accidental operation.

## 2.7 GENERATOR OVERCURRENT AND FAULT PROTECTION

- A. Overcurrent protective devices for the entire EPSS shall be coordinated to optimize selective tripping when a short circuit occurs. Coordination of protective devices shall consider both utility and EPSS as the voltage source.
  - 1. Overcurrent protective devices for the EPSS shall be accessible only to authorized personnel.

- B. Generator Circuit Breaker: Molded-case, thermal-magnetic type; 100 percent rated; complying with UL 489.
  - 1. Tripping Characteristic: Designed specifically for generator protection.
  - 2. Trip Rating: Matched to generator output rating.
  - 3. Shunt Trip: Connected to trip breaker when generator set is shut down by other protective devices.
  - 4. Mounting: Adjacent to or integrated with control and monitoring panel.
- C. Generator Protector: Microprocessor-based unit shall continuously monitor current level in each phase of generator output, integrate generator heating effect over time, and predict when thermal damage of alternator will occur. When signaled by generator protector or other generator-set protective devices, a shunt-trip device in the generator disconnect switch shall open the switch to disconnect the generator from load circuits. Protector performs the following functions:
  - 1. Initiates a generator overload alarm when generator has operated at an overload equivalent to 110 percent of full-rated load for 60 seconds. Indication for this alarm is integrated with other generator-set malfunction alarms. Contacts shall be available for load shed functions.
  - 2. Under single or three-phase fault conditions, regulates generator to 300 percent of rated full-load current for up to 10 seconds.
  - 3. As overcurrent heating effect on the generator approaches the thermal damage point of the unit, protector switches the excitation system off, opens the generator disconnect device, and shuts down the generator set.
  - 4. Senses clearing of a fault by other overcurrent devices and controls recovery of rated voltage to avoid overshoot.
- D. Ground-Fault Indication: Comply with NFPA 70, "Emergency System" signals for ground fault.
  - 1. Trip generator protective device on ground fault.
- E. If output circuit breaker(s) and/or generator controls are located more than 6'-6" above the finished grade and/or are not readily accessible and with clearances as required by the NEC, provide all necessary work and materials including but not limited to ramps, stairs, and platforms required to achieve compliance with the conditions above. All provisions shall conform to OSHA, state and local safety requirements including but not limited to handrails, markings, signage, and access barriers.

## 2.8 GENERATOR, EXCITER, AND VOLTAGE REGULATOR

- A. Comply with NEMA MG 1.
- B. Drive: Generator shaft shall be directly connected to engine shaft. Exciter shall be rotated integrally with generator rotor.
- C. Electrical Insulation: Class H or Class F.
- D. Stator-Winding Leads: Brought out to terminal box to permit future reconnection for other voltages if required..

- E. Construction shall prevent mechanical, electrical, and thermal damage due to vibration, overspeed up to 125 percent of rating, and heat during operation at 110 percent of rated capacity.
- F. Enclosure: Dripproof.
- G. Voltage Regulator: Solid-state type, separate from exciter, providing performance as specified and as required by NFPA 110.
  - 1. Adjusting Rheostat on Control and Monitoring Panel: Provide plus or minus 5 percent adjustment of output-voltage operating band.
  - 2. Maintain voltage within 15 percent on one step, full load.
  - 3. Provide anti-hunt provision to stabilize voltage.
- H. Strip Heater: Thermostatically controlled unit arranged to maintain stator windings above dew point.

2.9 LOAD BANK (When indicated on the drawings)

- A. Description: Permanent, outdoor, weatherproof, radiator mounted remote-controlled, forced-air-cooled, resistive unit capable of providing a balanced three-phase, delta-connected load to generator set at 100 percent rated-system capacity, at 80 percent power factor, lagging. Unit shall be capable of selective control of load in 25 percent steps and with minimum step changes of approximately 5 and 10 percent available.
- B. Resistive Load Elements: Corrosion-resistant chromium alloy with ceramic and stainless-steel supports. Elements shall be double insulated and designed for repetitive on-off cycling. Elements shall be mounted in removable aluminized-steel heater cases. Galvanized steel is prohibited. Element's maximum resistance shall be between 100 and 105 percent of rated resistance.
- C. Load-Bank Heat Dissipation: Integral fan with totally enclosed motor shall provide uniform cooling airflow through load elements. Airflow and coil operating current shall be such that, at maximum load, with ambient temperature at the upper end of specified range, load-bank elements operate at not more than 50 percent of maximum continuous temperature rating of resistance elements.
- D. Load-Element Switching: Remote-controlled contactors switch groups of load elements. Contactor coils are rated 120 V. Contactors shall be located in a separate NEMA 250, Type 3R enclosure within load-bank enclosure, accessible from exterior through hinged doors with tumbler locks.
- E. Contactor Enclosures: Heated by thermostatically controlled strip heaters to prevent condensation.
- F. Load-Bank Enclosures: NEMA 250, Type 3R, aluminized steel complying with NEMA ICS 6. Louvers at cooling-air intake and discharge openings shall prevent entry of rain and snow. Openings for airflow shall be screened with 1/2-inch- square, galvanized-steel mesh. Load bank shall include automatic shutters at air intake and discharge. Components other than resistive elements shall receive exterior epoxy coating with compatible primer.

- G. Protective Devices: Power input circuits to load banks shall be fused, and fuses shall be selected to coordinate with generator circuit breaker. Fuse blocks shall be located in contactor enclosure. Cooling airflow and overtemperature sensors shall automatically shut down and lock out load bank until manually reset. Safety interlocks on access panels and doors shall disconnect load power, control, and heater circuits. Fan motor shall be separately protected by overload and short-circuit devices. Short-circuit devices shall be noninterchangeable fuses with 200,000 A interrupting capacity.

## 2.10 OUTDOOR GENERATOR-SET ENCLOSURE

- A. Description: Vandal-resistant, sound-attenuating, weatherproof steel housing, wind resistant up to 100 mph. Multiple panels shall be lockable and provide adequate access to components requiring maintenance. Panels shall be removable by one person without tools. Instruments and control shall be mounted within enclosure.
- B. Engine Cooling Airflow through Enclosure: Maintain temperature rise of system components within required limits when unit operates at 110 percent of rated load for 2 hours with ambient temperature at top of range specified in system service conditions.
1. Louvers: Fixed-engine, cooling-air inlet and discharge. Storm-proof and drainable louvers prevent entry of rain and snow.
  2. Automatic Dampers: At engine cooling-air inlet and discharge. Dampers shall be closed to reduce enclosure heat loss in cold weather when unit is not operating.
  3. ~~Ventilation: Provide temperature controlled exhaust fan interlocked to prevent operation when engine is running.~~
  4. ~~Enclosure Heater: Electric, factory to comply with NFPA 110 requirements for Level 1 equipment for heater capacity.~~
  5. **Provide generator set without cold weather package. (\*PCO-010)**

## 2.11 MOTORS

- A. Description: NEMA MG 1, Design B, medium induction random-wound, squirrel cage motor.
- B. Efficiency: Energy efficient, as defined in NEMA MG 1.
- C. Service Factor: 1.15.
- D. Bearings: Regreasable, shielded, antifriction ball bearings suitable for radial and thrust loading.
- E. Motor Sizes: Minimum size as indicated. If not indicated, large enough so driven load will not require motor to operate in service factor range above 1.0.
- F. Temperature Rise: Match insulation rating.
- G. Code Letter Designation:
1. Motors 15 HP and Larger: NEMA starting Code F or Code G.
  2. Motors Smaller than 15 HP: Manufacturer's standard starting characteristic.

- H. Enclosure Material: Cast iron for motor frame sizes 324T and larger; rolled steel for motor frame sizes smaller than 324T.
- I. Controllers, Electrical Devices, and Wiring: Electrical devices and connections are specified in electrical Sections.

## 2.12 VIBRATION ISOLATION DEVICES

- A. Elastomeric Isolator Pads: Oil- and water-resistant elastomer or natural rubber, arranged in single or multiple layers, molded with a nonslip pattern and galvanized-steel baseplates of sufficient stiffness for uniform loading over pad area, and factory cut to sizes that match requirements of supported equipment.
- B. Comply with requirements in Section 232116 "Hydronic Piping Specialties" for vibration isolation and flexible connectors materials for steel piping.
- C. Comply with requirements in Section 233113 "Metal Ducts" for vibration isolation and flexible connector materials for exhaust shroud and ductwork.
- D. Vibration isolation devices shall not be used to accommodate misalignments or to make bends.

## 2.13 FINISHES

- A. Indoor and Outdoor Enclosures and Components: Manufacturer's standard finish over corrosion-resistant pretreatment and compatible primer.

## 2.14 SOURCE QUALITY CONTROL

- A. Prototype Testing: Factory test engine-generator set using same engine model, constructed of identical or equivalent components and equipped with identical or equivalent accessories.
  - 1. Tests: Comply with NFPA 110, Level 1 Energy Converters and with IEEE 115.
- B. Project-Specific Equipment Tests: Before shipment, factory test engine-generator set and other system components and accessories manufactured specifically for this Project. Perform tests at rated load and power factor. Include the following tests:
  - 1. Test components and accessories furnished with installed unit that are not identical to those on tested prototype to demonstrate compatibility and reliability.
  - 2. Test generator, exciter, and voltage regulator as a unit.
  - 3. Full load run.
  - 4. Maximum power.
  - 5. Voltage regulation.
  - 6. Transient and steady-state governing.
  - 7. Single-step load pickup.
  - 8. Safety shutdown.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine areas, equipment bases, and conditions, with Installer present, for compliance with requirements for installation and other conditions affecting packaged engine-generator performance.
- B. Examine roughing-in for piping systems and electrical connections. Verify actual locations of connections before packaged engine-generator installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

- A. Interruption of Existing Electrical Service: Do not interrupt electrical service to facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary electrical service according to requirements indicated:
  - 1. Notify Owner no fewer than ten working days in advance of proposed interruption of electrical service.
  - 2. Do not proceed with interruption of electrical service without Owner's written permission.

### 3.3 INSTALLATION

- A. Comply with packaged engine-generator manufacturers' written installation and alignment instructions and with NFPA 110.
- B. Equipment Mounting:
  - 1. Install packaged engine generators on cast-in-place concrete equipment bases. Comply with requirements for equipment bases and foundations."
  - 2. Coordinate size and location of concrete bases for packaged engine generators. Cast anchor-bolt inserts into bases. Concrete, reinforcement, and formwork requirements are specified with concrete.
- C. Install packaged engine-generator to provide access, without removing connections or accessories, for periodic maintenance.
- D. Electrical Wiring: Install electrical devices furnished by equipment manufacturers but not specified to be factory mounted.

### 3.4 CONNECTIONS

- A. Piping installation requirements are specified in other Sections. Drawings indicate general arrangement of piping and specialties.

- B. Connect fuel, cooling-system, and exhaust-system piping adjacent to packaged engine-generator to allow service and maintenance.
- C. Connect engine exhaust pipe to engine with flexible connector.
- D. Ground equipment according to Section 260526 "Grounding and Bonding for Electrical Systems."
- E. Connect wiring according to Section 260519 "Low-Voltage Electrical Power Conductors and Cables." Provide a minimum of one 90 degree bend in flexible conduit routed to the generator set from a stationary element.
- F. Balance single-phase loads to obtain a maximum of 10 percent unbalance between any two phases.

### 3.5 IDENTIFICATION

- A. Identify system components according to Section 230553 "Identification for HVAC Piping and Equipment" and Section 260553 "Identification for Electrical Systems."
- B. Install a sign indicating the generator neutral is bonded to the main service neutral at the main service location.

### 3.6 FIELD QUALITY CONTROL

- A. Perform tests and inspections.
  - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections.
- B. Tests and Inspections:
  - 1. Perform tests recommended by manufacturer and each visual and mechanical inspection and electrical and mechanical test listed in the first two subparagraphs as specified in NETA Acceptance Testing Specification. Certify compliance with test parameters.
    - a. Visual and Mechanical Inspection
      - 1) Compare equipment nameplate data with drawings and specifications.
      - 2) Inspect physical and mechanical condition.
      - 3) Inspect anchorage, alignment, and grounding.
      - 4) Verify the unit is clean.
    - b. Electrical and Mechanical Tests
      - 1) Perform insulation-resistance tests in accordance with IEEE 43.

- a) Machines larger than 200 horsepower. Test duration shall be 10 minutes. Calculate polarization index.
    - b) Machines 200 horsepower or less. Test duration shall be one minute. Calculate the dielectric-absorption ratio.
  - 2) Test protective relay devices.
  - 3) Verify phase rotation, phasing, and synchronized operation as required by the application.
  - 4) Functionally test engine shutdown for low oil pressure, overtemperature, overspeed, and other protection features as applicable.
  - 5) Conduct performance test in accordance with NFPA 110.
  - 6) Verify correct functioning of the governor and regulator.
2. NFPA 110 Acceptance Tests: Perform tests required by NFPA 110 that are additional to those specified here including, but not limited to, single-step full-load pickup test.
  3. Battery Tests: Equalize charging of battery cells according to manufacturer's written instructions. Record individual cell voltages.
    - a. Measure charging voltage and voltages between available battery terminals for full-charging and float-charging conditions. Check electrolyte level and specific gravity under both conditions.
    - b. Test for contact integrity of all connectors. Perform an integrity load test and a capacity load test for the battery.
    - c. Verify acceptance of charge for each element of the battery after discharge.
    - d. Verify that measurements are within manufacturer's specifications.
  4. Battery-Charger Tests: Verify specified rates of charge for both equalizing and float-charging conditions.
  5. System Integrity Tests: Methodically verify proper installation, connection, and integrity of each element of engine-generator system before and during system operation. Check for air, exhaust, and fluid leaks.
  6. Exhaust Emissions Test: Comply with applicable government test criteria.
  7. Voltage and Frequency Transient Stability Tests: Use recording oscilloscope to measure voltage and frequency transients for 50 and 100 percent step-load increases and decreases and verify that performance is as specified.
  8. Harmonic-Content Tests: Measure harmonic content of output voltage at 25 percent and 100 percent of rated linear load. Verify that harmonic content is within specified limits.
  9. Noise Level Tests: Measure A-weighted level of noise emanating from generator-set installation, including engine exhaust and cooling-air intake and discharge, at four locations 25 feet from edge of the generator enclosure , and compare measured levels with required values.
- C. Coordinate tests with tests for transfer switches and run them concurrently.
- D. Test instruments shall have been calibrated within the last 12 months, traceable to NIST Calibration Services, and adequate for making positive observation of test results. Make calibration records available for examination on request.
- E. Leak Test: After installation, charge exhaust, coolant, and fuel systems and test for leaks. Repair leaks and retest until no leaks exist.

- F. Operational Test: After electrical circuitry has been energized, start units to confirm proper motor rotation and unit operation for generator and associated equipment.
- G. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.
- H. Remove and replace malfunctioning units and retest as specified above.
- I. Retest: Correct deficiencies identified by tests and observations and retest until specified requirements are met.
- J. Report results of tests and inspections in writing. Record adjustable relay settings and measured insulation resistances, time delays, and other values and observations. Attach a label or tag to each tested component indicating satisfactory completion of tests.
- K. Infrared Scanning: After Substantial Completion, but not more than 60 days after final acceptance, perform an infrared scan of each power wiring termination and each bus connection while running with maximum load. Remove all access panels so terminations and connections are accessible to portable scanner.
  - 1. Follow-up Infrared Scanning: Perform an additional follow-up infrared scan 11 months after date of Substantial Completion.
  - 2. Instrument: Use an infrared scanning device designed to measure temperature or to detect significant deviations from normal values. Provide calibration record for device.
  - 3. Record of Infrared Scanning: Prepare a certified report that identifies terminations and connections checked and that describes scanning results. Include notation of deficiencies detected, remedial action taken, and observations after remedial action.
- L. Upon completion of testing, provide a full tank of fuel within all provided fuel tanks.

### 3.7 WARRANTY

- A. Warranty Period: Provide a warranty to repair or replace for One year from date of Final Acceptance.

### 3.8 DEMONSTRATION

- A. Train Owner's maintenance personnel to adjust, operate, and maintain packaged engine generators.

END OF SECTION 263213

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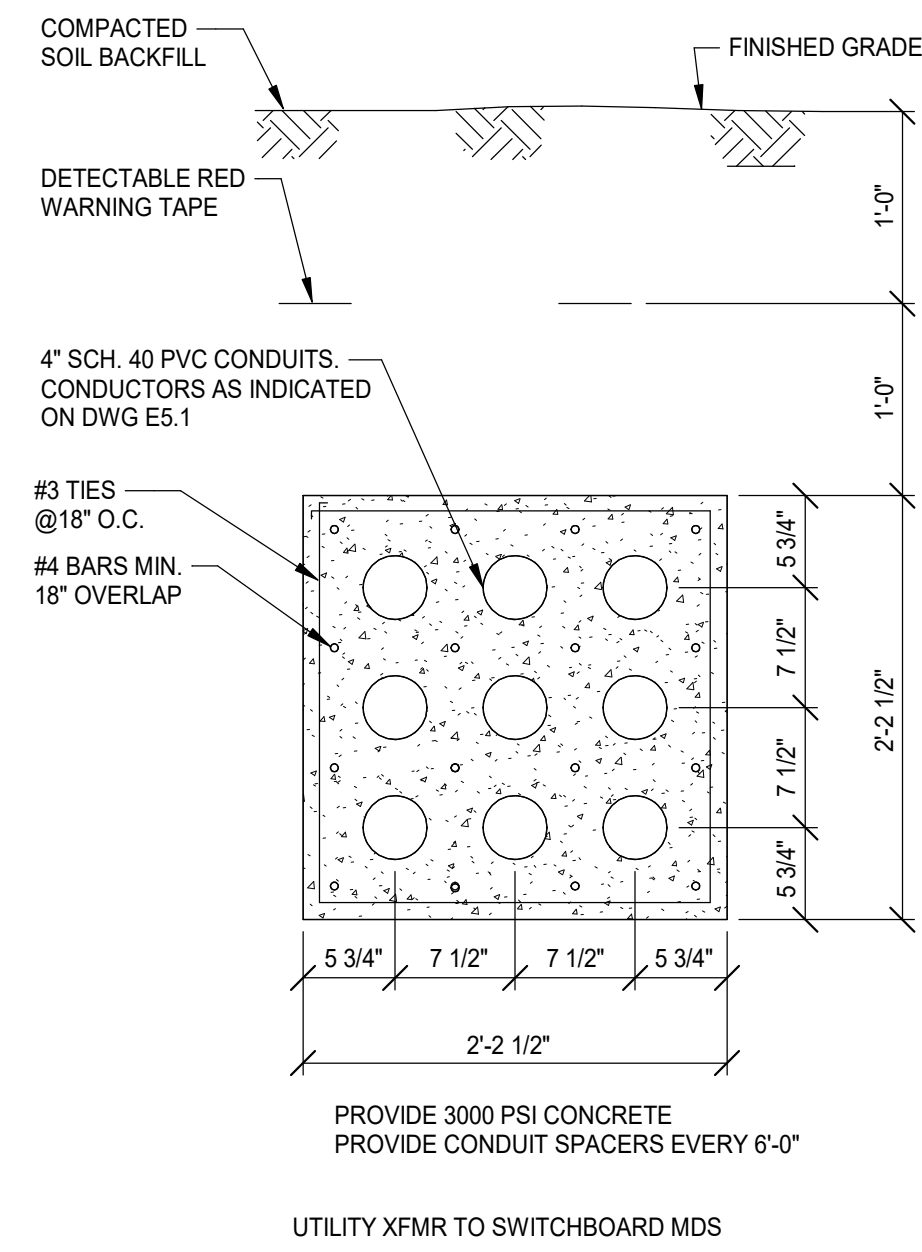
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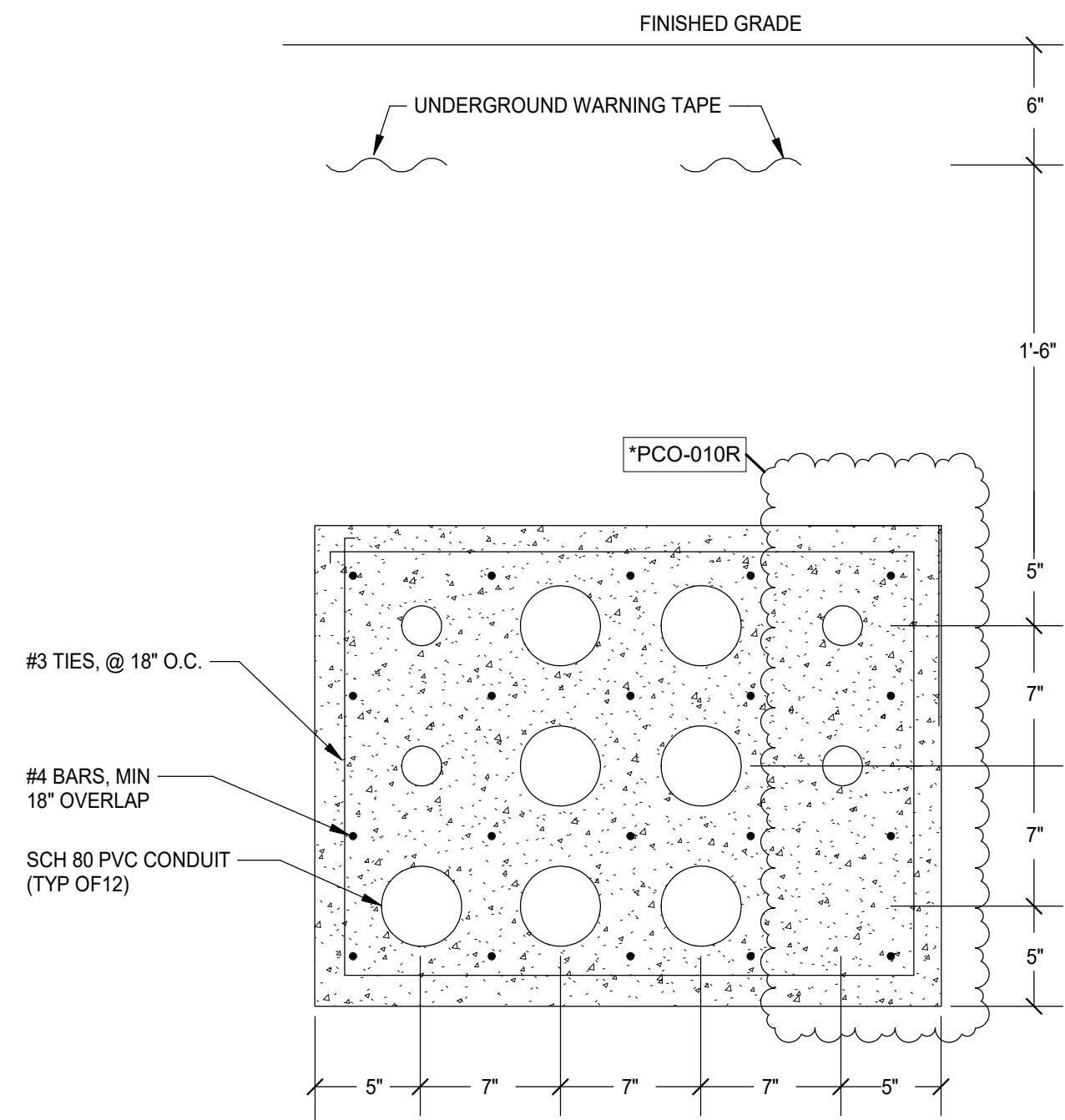
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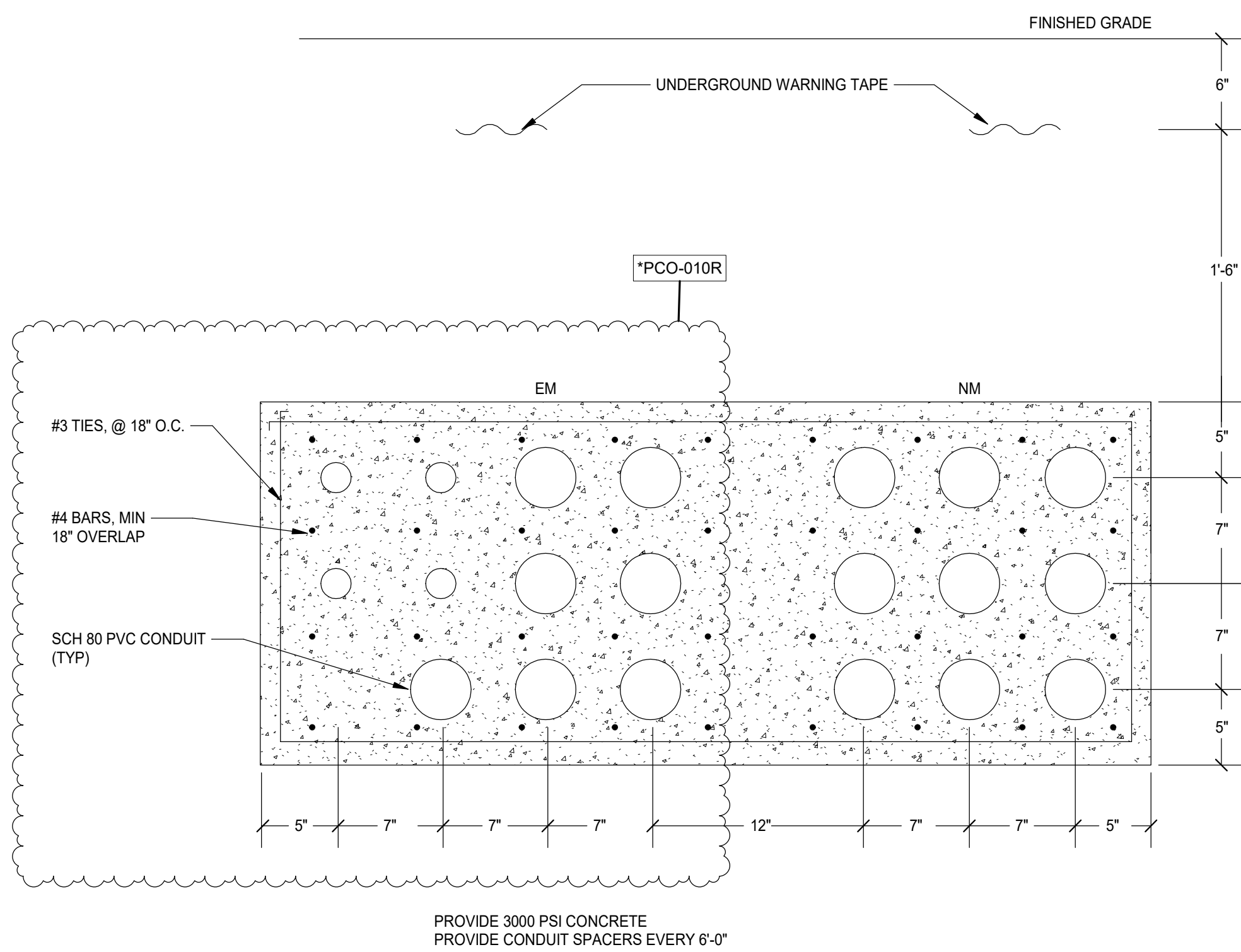
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NO SCALE



3 DUCTBANK SECTION - CONCRETE ENCASED

NO SCALE



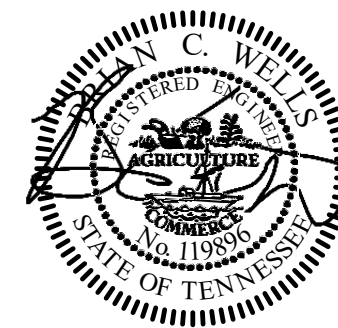
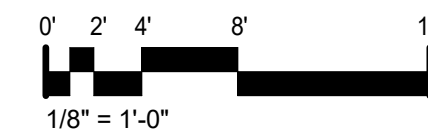
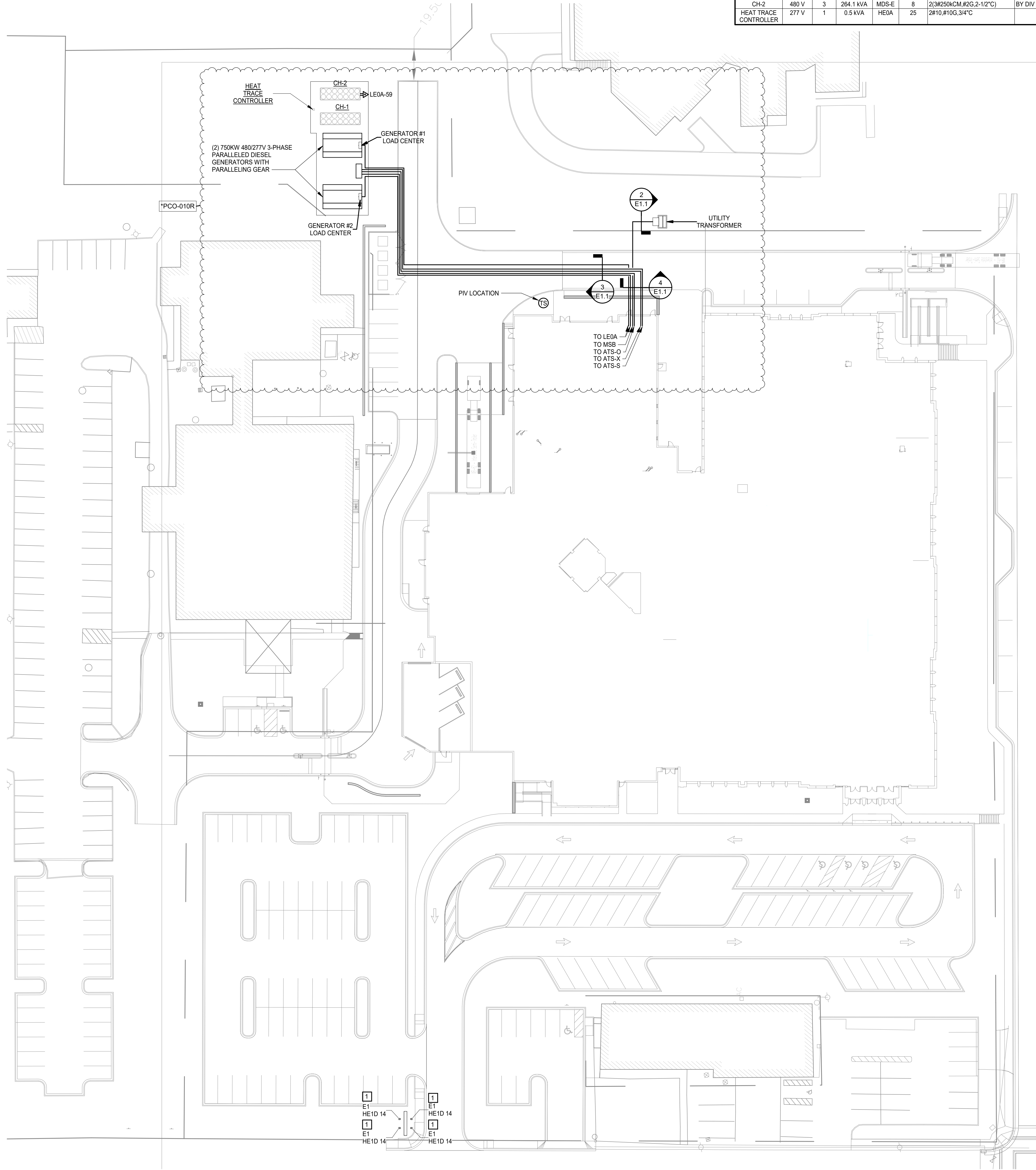
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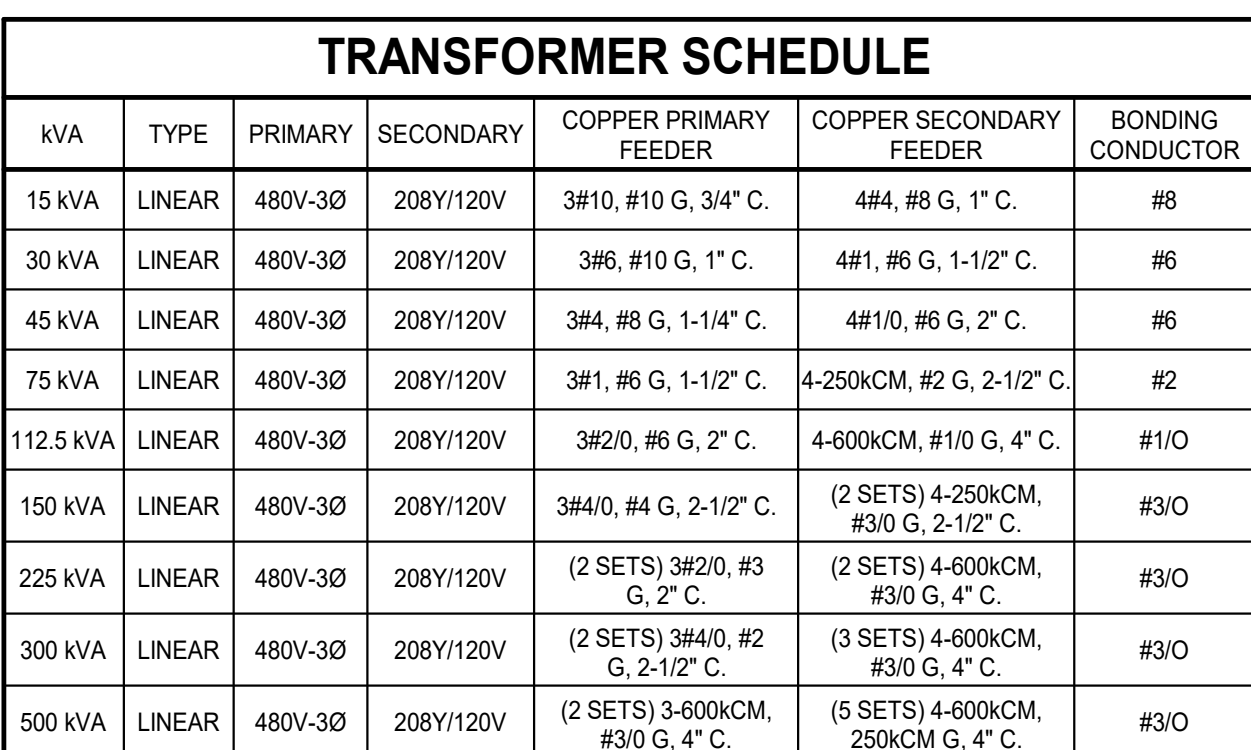
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1 SITE PLAN - ELECTRICAL

1" = 30'-0"

DIV 23 ELECTRICAL CONNECTION SCHEDULE E1.1								
TAG	VOLTAGE	#	LOAD	PANEL	CCT#	WIRE	DISCONNECTING MEANS	REMARKS
CH-1	480 V	3	264.1 KVA	MDS-N	8	2(3#250KCM, #2G, 2-1/2" C)	BY DIV 23	
CH-2	480 V	3	264.1 KVA	MDS-E	8	2(3#250KCM, #2G, 2-1/2" C)	BY DIV 23	
HEAT TRACE CONTROLLER	277 V	1	0.5 KVA	HE0A	25	2#10, #10G, 3/4" C		PROVIDE UNISTRUT RACK FOR MOUNTING





SWITCHBOARD SCHEDULE								MDS-N	
HORIZONTAL...		NEMA ENCL: 1		NEMA... FRONT ACCESS					
GROUND BUS:		MAIN SWITCH:		VOLTAGE: 480Y/277V		3 PH		4 WIRE	
VERTICAL...		CT SECTION: YES		BRACING: 65000		AMPS...		65000	
NEUTRAL BUS:									
DEVIC E NO.	DESCRIPTION	A	B	C	NUMBER OF POLES	RATING	NOTES		
1	SPD	0 VA	0 VA	0 VA	3	20 A			
2	ATS-X	16489 VA	5283 VA	2639 VA	3	100 A			
3	ATS-S	189371 VA	188621 VA	187021 VA	3	1000 A			
4	H1C	17615 VA	16867 VA	18280 VA	3	225 A			
5	H1C2	33259 VA	32067 VA	33287 VA	3	225 A			
6	H1D2	20780 VA	18810 VA	18287 VA	3	225 A			
7	ATS-O	371216 VA	366215 VA	350046 VA	3	1600 A			
8	CH-1 (L)	88033 VA	88033 VA	88033 VA	3	500 A			
9	P-1 (L)	14410 VA	14410 VA	14410 VA	3	100 A			
10	DBP-1 (L)	11083 VA	11083 VA	11083 VA	3	80 A			
11	SPARE	0 VA	0 VA	0 VA	3	200 A			
12	SPACE	0 VA	0 VA	0 VA	3	400 A			
13	SPACE	0 VA	0 VA	0 VA	3	400 A			
14	SPARE	0 VA	0 VA	0 VA	3	400 A			
15	SPARE	0 VA	0 VA	0 VA	3	400 A			
TOTAL		747402 VA	727684 VA	709383 VA					

LOAD TYPE	CONNECTED...	DEMAND...	DEMAND KVA	
INTERIOR LIGHTING	91859 VA	100.00%	91859 VA	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">TOTAL CONNECTED KVA: 2184 kVA</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">TOTAL DEMAND KVA: 1954 kVA</div>
EXTERIOR LIGHTING	2216 VA	100.00%	2216 VA	
RECEPTACLES	287080 VA	51.74%	148540 VA	
AC / HEAT PUMP	45424 VA	80.00%	36339 VA	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">TOTAL CONNECTED... 2626 A</div> <div style="border: 1px solid black; padding: 5px;">TOTAL DEMAND AMPS: 2350 A</div>
ELECTRIC HEAT	0 VA	0.00%	0 VA	
KITCHEN	186072 VA	70.00%	130250 VA	
MISCELLANEOUS	154430 VA	80.00%	123544 VA	
LARGEST MOTOR	0 VA	0.00%	0 VA	

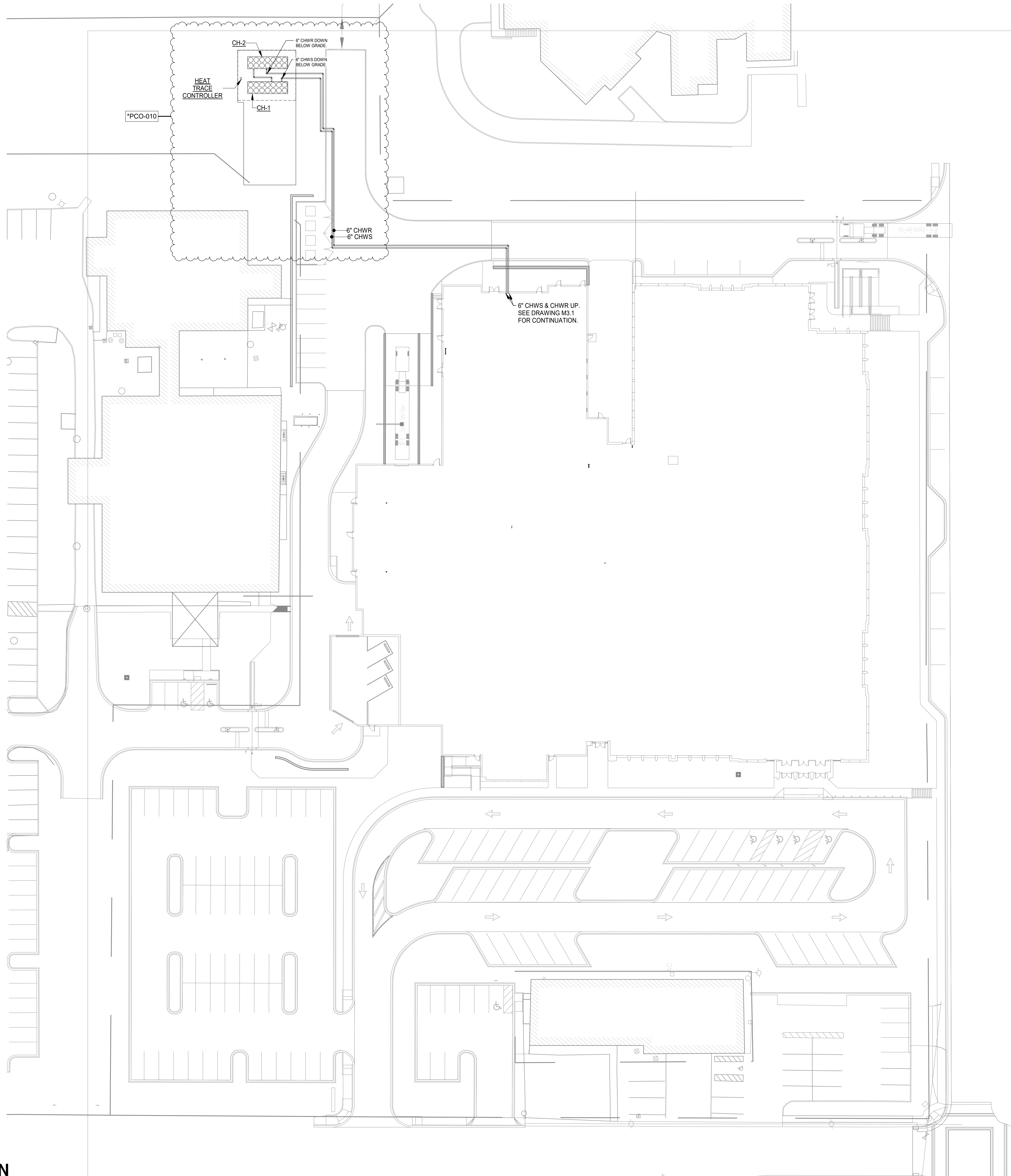
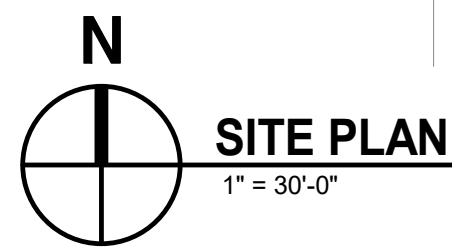
**NOTES:**  
 1. SWITCHBOARD SHALL BE UL SERVICE ENTRANCE RATED  
 2. PROVIDE SPD WITH OVERCURRENT DEVICE, DISCONNECTING MEANS & CONDUCTORS. SIZE PER SPD MFR REQUIREMENTS MOUNTED ON TOP OF EQUIPMENT  
 3. PROVIDE DISCONNECTING MEANS LABEL PER 2008 NEC 230.70(B)  
 4. PROVIDE GROUND FAULT PROTECTIVE RELAY, DOCUMENT TEST. PROVIDE PHASE LOSS AND UNDERVOLTAGE RELAY CONTACT FOR BACK PICKUP  
 5. PROVIDE FACTORY INSTALLED DIGITAL MULTIMETER, PLUS MONITORING CABLE IN CONDUIT TO BACK PICKUP MODULE. COORDINATE WITH DV 23.

PANELBOARD SCHEDULE										L1C1		LOCATION: ELEC 1054		FED FROM: T-1C		
225 AMP MCB			208Y/120V			3 PH 4 W			MOUNT: SURFACE			PANEL ASSEMBLY RATED (KAIC): 10 KAIC				
CKT	BRKR	POLE	LOAD			A	B	C	LOAD			POLE	BRKR	CKT		
1	20 A	1	RCPT ROOM J108, J1042, J108A	1.4	1.1				RCPT JUDICIAL ADMIN J107	1	20 A	2				
3	20 A	1	RCPT ROOM J108, J106A			1.3	1.3		RCPT ROOM J105, J105A	1	20 A	4				
5	20 A	1	RCPT JUDICIAL ADMIN J104					1.1	1.4	RCPT ROOM J103, J103A	1	20 A	6			
7	20 A	1	RCPT VISITING JUDGE...	0.5	0.2				RCPT VISITING ADMIN J101	1	20 A	8				
9	20 A	1	RCPT JURY 1052C			1.3	0.7		RCPT ROOM 1052, 1053, 1054	1	20 A	10				
11	20 A	1	RCPT JURY BREAK ROOM 1052					0.5	0.9	RCPT ROOM 1049, 1055, S141...	1	20 A	12			
13	20 A	1	RCPT ROOM 1029, CC118, CC111	0.7	1.1				RCPT ROOM 1029, CC118, CC111	1	20 A	14				
15	20 A	1	RCPT ROOM CC103, CC120				0.7	0.5	RCPT BREAK ROOM CC120	1	20 A	16				
17	20 A	1	RCPT BREAK ROOM CC120 (GF)					0.2	0.7	RCPT CLERK OF COURT CC103	1	20 A	18			
19	20 A	1	RCPT WORK ROOM CC116	0.9	0.5				COURTROOM 1048 WHEELCHAIR...	1	20 A	20				
21	20 A	1	RCPT AV 1048				0.2	0.9	RCPT CRIMINAL CIRCUIT...	1	20 A	22				
23	20 A	1	RCPT CRIMINAL CIRCUIT...					1.1	1.3	RCPT ROOM 1047-1, S145, 1046	1	20 A	24			
25	20 A	1	RCPT CRIMINAL CIRCUIT...	0.2	1.4				RCPT CRIMINAL CIRCUIT...	1	20 A	26				
27	20 A	1	ELEC LOCKS				0.5	0.6	ELEC LOCKS	1	20 A	28				
29	20 A	1	ELEC LOCKS					3.5	0.4	RCPT DATA 1053 RACK	1	20 A	30			
31	20 A	2	RCPT DATA 1053 RACK	1.5	0.4				RCPT DATA 1053 RACK	1	20 A	32				
33	20 A	1	F-1 (L)				1.5	1.5	RCPT DATA 1053 RACK	2	20 A	34				
35	20 A	1	F-19 (L)	0.5	1.0				1.2	1.5	DSS-13A & 13B (L)	1	20 A	36		
37	15 A	1	F-19 (L)				1.0	1.0			DSS-13A & 13B (L)	2	30 A	40		
39	20 A	2	DSS-15A & 15B (L)													
41	20 A	1	RCPT - ROOF	0.2	0.9			1.0	0.2	RCPT - JURY BREAK 1052	1	20 A	42			
43	20 A	1	RCPT - 1046 JURY				0.9	0.0			RCPT - 1046 JURY	1	20 A	44		
45	20 A	1	SPARE								SPARE	1	20 A	46		
47	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	48			
49	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	50			
51	20 A	1	SPARE				0.0	0.0			SPARE	1	20 A	52		
53	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	54			
55	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	56			
57	20 A	1	SPARE				0.0	0.0			SPARE	1	20 A	58		
59	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	60			
61	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	62			
63	20 A	1	SPARE				0.0	0.0			SPARE	1	20 A	64		
65	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	66			
67	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	68			
69	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	70			
71	20 A	1	SPARE				0.0	0.0		0.0	0.0	SPARE	1	20 A	72	
73	20 A	1	SPARE	0.0	0.0					0.0	0.0	SPARE	1	20 A	74	
75	20 A	1	SPARE					0.0	0.0			SPARE	1	20 A	76	
77	20 A	1	SPARE						0.0	0.0	0.0	SPARE	1	20 A	78	
79	20 A	1	SPARE	0.0	0.0							SPARE	1	20 A	80	
81	20 A	1	SPARE					0.0	0.0			SPARE	1	20 A	82	
83	20 A	1	SPARE						0.0	0.0	0.0	SPARE	1	20 A	84	
			104 A			117 A			126 A							

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.15. DED. NEUTRAL.  
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.  
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.  
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.  
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
INTERIOR LIGHTING	0 VA	0.00%	0 VA	Total Conn. Load: 41.3 kVA Total Est. Demand: 29.3 kVA Total Conn. Current: 115 A Total Est. Demand... 81 A
EXTERIOR LIGHTING	0 VA	0.00%	0 VA	
RECEPTACLES	30480 VA	66.40%	20240 VA	Total Conn. Load: 41.3 kVA Total Est. Demand: 29.3 kVA Total Conn. Current: 115 A Total Est. Demand... 81 A
AC/HEAT PUMP	3661 VA	80.00%	2929 VA	
HVAC	2037 VA	100.00%	2037 VA	Total Conn. Load: 41.3 kVA Total Est. Demand: 29.3 kVA Total Conn. Current: 115 A Total Est. Demand... 81 A
KITCHEN	0 VA	0.00%	0 VA	
MISCELLANEOUS	5100 VA	80.00%	4080 VA	

PANELBOARD SCHEDULE				L1C2		LOCATION: ELEC 1036A				FED FROM: T-1C2			
225 AMP MCB				208Y/120V		3 PH 4 W		MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 10 KAIC			
CKT	BRKR	POLE	LOAD		A	B	C	LOAD		POLE	BRKR	CKT	
1	20 A	1	RCPT ROOM S151, 1037, 1036	0.5	1.4				RCPT GENERAL SESSIONS DIV ...	1	20 A	2	
3	20 A	1	RCPT GENERAL SESSIONS DIV			1.1	1.1		RCPT GENERAL SESSIONS DIV ...	1	20 A	4	
5	20 A	1	RCPT GENERAL SESSIONS DIV					1.1	1.6	RCPT ROOM 1031, 1033, 1029	1	20 A	6
7	20 A	1	SPARE	0.0	0.2				RCPT GENERAL SESSIONS/...	1	20 A	8	
9	20 A	1	RCPT GENERAL SESSIONS/...			0.4	0.5		RCPT GENERAL SESSIONS/...	1	20 A	10	
11	20 A	1	SPARE					0.0	1.1	RCPT ROOM 1022, S101	1	20 A	12
13	20 A	1	RCPT ROOM 1020, S119	1.6	0.9				RCPT WORK ROOM 1019	1	20 A	14	
15	20 A	1	RCPT MUSTER ROOM S116			1.1	0.9		RCPT MUSTER ROOM S116	1	20 A	16	
17	20 A	1	RCPT BREAK ROOM 1041 (GF)					0.2	0.4	RCPT BAILIFF BREAK ROOM 1041	1	20 A	18
19	20 A	1	RCPT ROOM 1042, 1041	0.7	1.1				RCPT ROOM 1038, 1035, 1518	1	20 A	20	
21	20 A	1	RCPT WORK ROOM 1038			0.9	1.3		RCPT ROOM 1018, 1017	1	20 A	22	
23	20 A	1	RCPT COURT WAITING 1016					0.9	0.0	SPARE	1	20 A	24
25	20 A	1	RCPT COMMUNITY SERVICES...	0.4	0.4				RCPT COMMUNITY SERVICES...	1	20 A	26	
27	20 A	1	RCPT COMMUNITY SERVICES...			0.4	0.1		ELEV 3 CAR LGTS	1	20 A	28	
29	20 A	1	ELEC LOCKS					1.0	1.3	RCPT ROOM 1035, 1023	1	20 A	30
31	20 A	1	ELEC LOCKS	1.0	0.0				SPARE	1	20 A	32	
33	20 A	1	SUMP PUMP ELEV 3			0.2	0.4		RCPT ELEV 3	1	20 A	34	
35	30 A	2	DSS-14A & 14B (L)					1.0	1.2	F-3 (L)	1	20 A	36
37	15 A	1	F-2 (L)	1.0	0.2				RCPT - ROOF	1	20 A	38	
39	20 A	1	F-18 (L)	0.5	0.5				F-18 (L)	1	15 A	40	
41	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	42
43	20 A	1	SPARE	0.0	0.0				SPARE	1	20 A	44	
45	20 A	1	SPARE			0.0	0.0		SPARE	1	20 A	46	
47	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	48
49	20 A	1	SPARE	0.0	0.0				SPARE	1	20 A	50	
51	20 A	1	SPARE			0.0	0.0		SPARE	1	20 A	52	
53	20 A	1	SPARE	0.0	0.0			0.0	0.0	SPARE	1	20 A	54
55	20 A	1	SPARE			0.0	0.0		SPARE	1	20 A	56	
57	20 A	1	SPARE			0.0	0.0	0.0	0.0	SPARE	1	20 A	58
59	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	60
61	20 A	1	SPARE	0.0	0.0				SPARE	1	20 A	62	
63	20 A	1	SPARE						SPARE	1	20 A	64	
65	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	66
67	20 A	1	SPARE	0.0	0.0				SPARE	1	20 A	68	
69	20 A	1	SPARE			0.0	0.0		SPARE	1	20 A	70	
71	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	72
73	20 A	1	SPARE	0.0	0.0				SPARE	1	20 A	74	
75	20 A	1	SPARE			0.0	0.0		SPARE	1	20 A	76	
77	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	78
79	20 A	1	SPARE	0.0	0.0				SPARE	1	20 A	80	
81	20 A	1	SPARE			0.0	0.0		SPARE	1	20 A	82	
83	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	84
				9 KA		9 KA		10 KA					
				78 A		77 A		81 A					



PROJECT NO: 590418	
DATE: 08/22/2021	
REVISIONS	
DATE	DESCRIPTION
3/8/22	*PCO-010

SITE PLAN

# HAMBLEN COUNTY JUSTICE CENTER

440 N. Jackson Street  
MORRISTOWN, TN

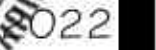
**MOSELEY**ARCHITECTS



6210 ARDREY KELL ROAD • THE HUB AT Waverly, Suite 425 • Charlotte, NC 28277  
PHONE (704) 540-3755 • FAX (704) 540-3754  
MOSELEYARCHITECTS.COM



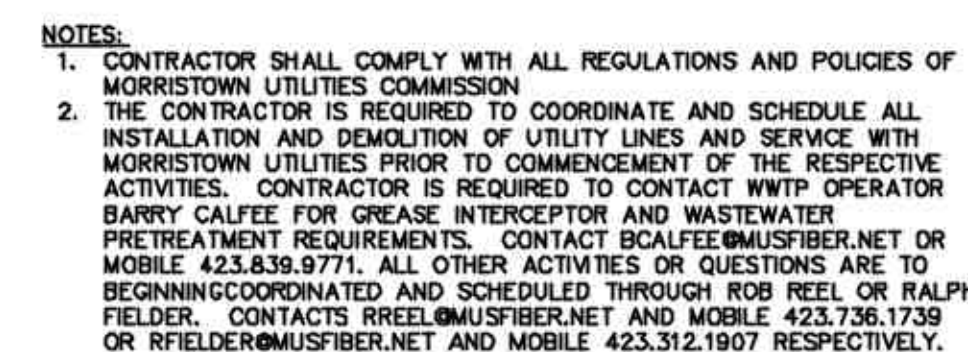
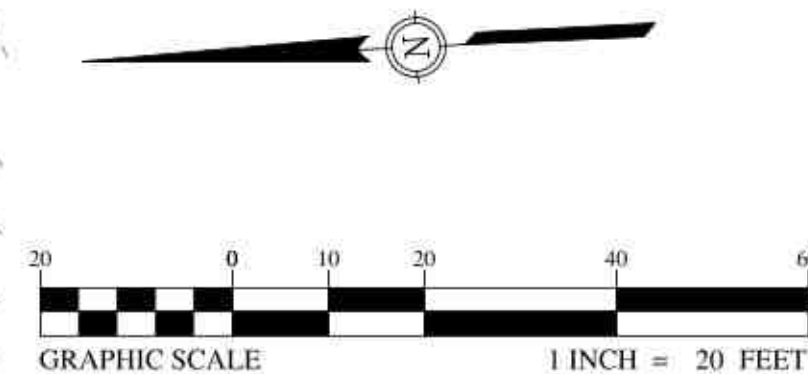
6210 ARDREY KELL ROAD • THE HUB AT WAVERLY, SUITE 425 • CHARLOTTE, NC 28277  
PHONE (704) 540-3755 FAX (704) 540-3754  
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**HAMBLETON COUNTY  
MORRISTOWN, TN**

SEWER LINE A PLAN  
AND PROFILE, STA  
10+00 TO 12+10

[Return to Committee Cover](#)



\\Knoxville\Projects\2016\16\_06504 Moseley Architects - Hamblen Co Jail Drawings\X-Ref\16\_06504 PROP- Water & Sewer.dwg 3/11/2022 3:28 PM THOMAS MANNINO

**Potential Change Order  
No. 022  
Scope of Work**

Project Name	Arch Project No.	Date
<b>Hamblen County Justice Center</b>	<b>590418</b>	<b>6/27/2022</b>
Subject	Specification No.	Drawing No.
<b>Chiller feeds based on Submittal</b>	<b>NA</b>	<b>E1.1, E5.1, M0.2 and M1.0</b>

Attention	Created By
<b>Blaine Prine, Blaine Construction Corporation</b>	<b>Linda Briggs</b>

This is not a change order nor a directive to proceed with the work described herein. Please submit with the form below an itemized material cost and time proposal for the changes in the contract sum and contract time for the following proposed modification(s) to the contract:

**Description:** Please refer to updated drawings E1.1, E5.1 M0.2 and M1.0 related to updates of the feeders for the Chiller based on submitted Chiller.

**Receipt of your proposal is requested by: July 12, 2022**

**Proposal**

In response to the request above, the Contractor proposes to perform the changes described for an ~~increase~~ / decrease in the contract sum in the amount of \$ < 1,619.00 > and increase / decrease in the contract time of 0 calendar days.

A detailed breakdown of labor and material costs is attached hereto which includes all costs and time associated with the proposed change(s).

Signed:  Date: 6-7-23

Encl.: As Stated

Cc w/encl.:

Linda Briggs  
Construction Services Division

<b>BLAINE CONSTRUCTION CORPORATION</b> Pending Change Order (PCO) Breakdown Form						<b>ADD CHANGE REQUEST</b>			
<b>HAMBLEN COUNTY JUSTICE CENTER</b> <b>MORRISTOWN, TN</b>								BCC Job No. 85164 Moseley Job No. 590418 DATE: 6/7/2023 REVISION: 0	
<b>PCO- 022 - PRICING TO REFLECT THE REVISED CHILLER FEEDERS. IN SUMMARY - DELETE 1080 LNFT OF 2.5-INCH CONDUIT, ADD 540 LNFT OF 4-INCH CONDUIT, DELETE 3,600 LNFT OF 250 MCM COPPER CONDUCTOR, ADD 1,800 LNFT OF 500 MCM COPPER CONDUCTOR.</b>								Quoted By: BLAINE PRINE	
<b>SUMMARY OF WORK:</b>  <b>PER MOSELEY PCO-022 - PRICING TO REFLECT THE REVISED CHILLER FEEDERS. IN SUMMARY - DELETE 1080 LNFT OF 2.5-INCH CONDUIT, ADD 540 LNFT OF 4-INCH CONDUIT, DELETE 3,600 LNFT OF 250 MCM COPPER CONDUCTOR, ADD 1,800 LNFT OF 500 MCM COPPER CONDUCTOR.</b>									
ITEM	DESCRIPTION	QTY	UNIT	LABOR		EQUIPMENT/MATERIAL		SUBCONTR. TOTAL	TOTAL
				U.P.	TOTAL	U.P.	TOTAL		
				-	-	-	-	-	-
1	NET TOTAL OF CREDITS (FOR ORIGINAL) AND ADDS (FOR REVISED) FEEDER SIZES TO THE CHILLERS, AS REFLECTED IN PCO-022. SEE ATTACHED FOR ELECTRICAL SUBCONTRACTORS ITEMIZED PRICING BREAKDOWN, ALONG WITH VENDOR (MAYER) PRICING FOR CONDUIT AND CONDUCTORS AND SEAL TITE KITS (CONSOLIDATED ELECTRICAL).	(1.0)	LSUM	-	-	-	-	(1,619.00)	(1,619.00)
<b>NOTES:</b>									
<b>1. THE ORIGINAL BREAKER SIZES IN MAIN DISTRIBUTION SWITCHES MDS-E AND MDS-N WERE ORIGINALLY 500 AMP AND WERE PURCHASED ACCORDINGLY. PCO-022 REDUCED THESE BREAKER SIZES TO 400 AMP, AND WE ASSUME THE MANUFACTURER CAN ADJUST THESE BREAKERS DOWN TO THE REVISED 400 AMP.</b>									
<b>2. N/A</b>									
					-		-	-	-
<b>SUB-TOTALS ALL WORK</b>					-		-	(1,619.00)	(1,619.00)
	Material Tax & Equipment Surcharge						-		-
	Labor Burden @ 42% Labor Totals				-				-
	OH & Profit @ 15% BCC Totals				-		-		-
	OH & Profit Subs @ 5%: (0% THIS CHANGE, PER CONTRACT)							-	-
	Builders Risk Insurance @ 0.2% (0% THIS CHANGE, PER CONTRACT)								-
	Payment & Performance Bonds @ 0.85% (0% THIS CHANGE, PER CONTRACT)								-
<b>TOTAL COST</b>								<b>\$</b>	<b>(1,619)</b>

**SERVICE ONE INC.**

Blaine Construction Company  
Hamblen County Justice Center  
Job: 24090 - PCO - 022

*Chiller Submittals reduced the size and feeders  
more efficient chillers including smaller breakers*

	QTY	UNIT	MH	Labor Cost	Materials Unit	Equip Cost	Sub C Cost	Total Labor	Total Material	Total Equip	Total Sub C	TOTAL
1	<b>Deletion of what is listed on drawing E1.1 bid set</b>											\$0.00
2	Delete 4ea 2 1/2" PVC Conduits 4 conduits 270' ea	1080	ft	0.055	-\$58.00	-\$4.90	\$0.00	-\$3,445.20	-\$5,292.00	\$0.00	\$0.00	-\$8,737.20
3	Delete 3ea 250 MCM Copper cond 300ft ea X 4	3600	ft	0.0053	-\$58.00	-\$6.01	\$0.00	-\$1,106.64	-\$21,636.00	\$0.00	\$0.00	-\$22,742.64
4	Delete 1 ea # 2 Copper cond 300 ft each X 4	1200	ft	0.0021	-\$58.00	-\$2.01	\$0.00	-\$146.16	-\$2,412.00	\$0.00	\$0.00	-\$2,558.16
5	Delete 6 ft of 2 1/2" sealtite X4	25	ft	0.42	-\$58.00	-\$8.81	\$0.00	-\$609.00	-\$220.25	\$0.00	\$0.00	-\$829.25
6	Delete 1 ea 90deg seal tite conn X 4	4	ft	0.5	-\$58.00	-\$71.10	\$0.00	-\$116.00	-\$284.40	\$0.00	\$0.00	-\$400.40
7	Delete 1 ea straight seal tite conn X 4	4	ft	0.45	-\$58.00	-\$55.42	\$0.00	-\$104.40	-\$221.68	\$0.00	\$0.00	-\$326.08
8	<b>Addition of what is listed on drawing E1.1 PCO-022</b>											
9	Add 2 ea 4 inch PVC conduits 270 ft each	540	ft	0.1	\$58.00	\$7.70	\$0.00	\$3,132.00	\$4,158.00	\$0.00	\$0.00	\$7,290.00
10	Add 3 each 500 MCM Coper Cond 300ft ea X 2	1800	ft	0.0091	\$58.00	\$12.14	\$0.00	\$950.04	\$21,852.00	\$0.00	\$0.00	\$22,802.04
11	Add 1 each # 2 Copper Cond 300ft ea X 2	1200	ft	0.0021	\$58.00	\$2.01	\$0.00	\$146.16	\$2,412.00	\$0.00	\$0.00	\$2,558.16
12	Add 6 ft of 4 " sealtite X 2	12	ea	0.9	\$58.00	\$17.52	\$0.00	\$626.40	\$210.24	\$0.00	\$0.00	\$836.64
13	Add 1 ea Straight seal tite conn X 4	4	ea	0.7	\$58.00	\$105.00	\$0.00	\$162.40	\$420.00	\$0.00	\$0.00	\$582.40
14												\$0.00
15												
16								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20												
21												
22								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
27								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
28	Supervision							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
29								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
											\$0.00	
	<b>SUBTOTALS</b>							-\$510.40	-\$1,014.09	\$0.00	\$0.00	-\$1,524.49
	Sales Tax on Materials 9.25%								-\$93.80			-\$93.80
	Small Tools and Consumables 4% of Labor							\$0.00				\$0.00
	<b>SUBTOTAL</b>							-\$510.40	-\$1,107.89	\$0.00	\$0.00	-\$1,618.29
	Bond Adder For C/O 1 %											\$0.00
												-\$1,618.29
	Insurance Adder For C/O 1 %											\$0.00
	<b>SUB TOTAL</b>											-\$1,618.29
	OVERHEAD 10 %											\$0.00
												-\$1,618.29
	PROFIT 5 %											\$0.00
	<b>CHANGE ORDER TOTAL</b>											-\$1,618.29

[Return to Committee Cover](#)

Contact your local Mayer representative  
for additional information wire/mc per 1000ft;  
emt/fittings per 100; disconnects/fuses per ea



799 E 11th Street  
CHATTANOOGA, TN 37403  
(423) 800-7750

COPPER THHN		MC CABLE		Copper XHHW		EMT CONDUIT		EMT SS COUPLINGS		EMT COMP COUPLINGS		Aluminum Conduit											
THHN 14 BLK SOL CU	\$115.25	MCA 14/2 WG 250	\$722.63	XHHW 12 BLK 19STR CU	\$242.88	EMT-1/2	\$47.85	1/2" SS COUP	\$33.14	1/2" CMP COUP	\$51.83	ALU-1/2	\$153.03										
THHN 14 BLK 19STR CU	\$128.13	MCA 14/3 WG 250	\$1,205.63	XHHW 10 BLK 19STR CU	\$364.13	EMT-3/4	\$84.04	3/4" SS COUP	\$50.09	3/4" CMP COUP	\$71.76	ALU-3/4	\$237.20										
THHN 12 BLK SOL CU	\$176.88	MCA 14/4 WG 250	\$1,680.75	XHHW 8 BK 19STR CU	\$649.50	EMT-1	\$144.06	1" SS COUP	\$81.97	1" CMP COUP	\$110.08	ALU-1	\$345.65										
THHN 12 BLK 19STR CU	\$189.38	MCA 12/2 WG 250	\$725.00	XHHW 6 BLK 19STR CU	\$986.63	EMT-1-1/4	\$233.86	1-1/4" SS COUP	\$162.30	1-1/4" CMP COUP	\$196.73	ALU-1-1/4	\$389.89										
THHN 10 BLK SOL CU	\$276.50	MCA 12/3 WG 250	\$1,280.00	XHHW 4 BLK 19STR CU	\$1,451.75	EMT-1-1/2	\$285.79	1-1/2" SS COUP	\$216.76	1-1/2" CMP COUP	\$286.61	ALU-1-1/2	\$506.74										
THHN 10 BLK 19STR CU	\$289.63	MCA 12/4 WG 250	\$1,805.00	XHHW 3 BLK 19STR CU	\$1,784.38	EMT-2	\$335.03	2" SS COUP	\$299.51	2" CMP COUP	\$389.44	ALU-2	\$645.28										
THHN 8 BK 19STR CU	\$540.13	MCA 10/2 WG 250	\$1,655.38	XHHW 2 BLK 19STR CU	\$2,240.25	EMT-2-1/2	\$511.89	2-1/2" SS COUP	\$637.84	2-1/2" CMP COUP	\$1,373.96	ALU-2-1/2	\$1,021.00										
THHN 6 BLK 19STR CU	\$831.00	MCA 10/3 WG 250	\$2,319.88	XHHW 1/0 BLK 19STR CU	\$2,950.63	EMT-3	\$645.93	3" SS COUP	\$775.06	3" CMP COUP	\$1,666.43	ALU-3	\$1,341.19										
THHN 4 BLK 19STR CU	\$1,271.88	MCA 10/4 WG 250	\$3,642.00	XHHW 2/0 BLK 19STR CU	\$3,687.50	EMT-3-1/2	\$854.25	3-1/2" SS COUP	\$899.06	3-1/2" CMP COUP	\$2,451.71	ALU-4	\$1,906.95										
THHN 3 BLK 19STR CU	\$1,604.13	HCA 12/2 WG 250	\$1,308.75	XHHW 4/0 BLK 19STR CU	\$5,789.63	EMT-4	\$872.15	4" SS COUP	\$1,038.54	4" CMP COUP	\$2,732.33	ALU-5	\$3,037.28										
THHN 2 BLK 19STR CU	\$2,007.75	HCA 12/3 WG 250	\$1,929.75	XHHW 250 BLK 37STR CU	\$6,677.13	GALV STEEL CONDUIT		EMT SS CONNECTORS		EMT COMP CONNECTORS		HD=600V; RB=3R; 1=30A, 2=60A; 3=100A; 4=200A U=NF											
THHN 1 BLK 19STR CU	\$2,185.50	HCA 10/3 WG 250	\$3,380.88	XHHW 350 BLK 37STR CU	\$9,275.00	GAL-1/2	\$221.78	1/2" SS CONN	\$27.47	1/2" CMP CONN	\$42.36	SQD Disconnects											
THHN 1/0 BLK 19STR CU	\$2,675.75	Coil Prices - Additional cost for reels		XHHW 500 BLK 37STR CU	\$13,191.75	GAL-3/4	\$228.91	3/4" SS CONN	\$43.89	3/4" CMP CONN	\$58.65												
THHN 2/0 BLK 19STR CU	\$3,296.00			XHHW 600 BLK 61STR CU	\$16,658.13	GAL-1	\$364.04	1" SS CONN	\$74.50	1" CMP CONN	\$91.96	SQDH361	\$208.36										
THHN 3/0 BLK 19STR CU	\$4,159.75			Bare Copper		GAL-1-1/4	\$535.06	1-1/4" SS CONN	\$144.66	1-1/4" CMP CONN	\$179.32	SQDH362	\$251.77										
THHN 4/0 BLK 19STR CU	\$5,192.25			8-Solid Bare	\$451.25	GAL-1-1/2	\$603.05	1-1/2" SS CONN	\$192.59	1-1/2" CMP CONN	\$261.53	SQDH363	\$468.81										
THHN 250 BLK 37STR CU	\$6,016.63			6-Solid Bare	\$719.63	GAL-2	\$741.26	2" SS CONN	\$287.67	2" CMP CONN	\$377.45	SQDH364	\$673.63										
THHN 300 BLK 37STR CU	\$7,215.50			4-Solid Bare	\$1,177.25	GAL-2-1/2	\$1,391.64	2-1/2" SS CONN	\$799.27	2-1/2" CMP CONN	\$1,175.97	SQDHU361	\$110.10										
THHN 350 BLK 37STR CU	\$8,448.50			4/0 19-Str Bare	\$5,199.00	GAL-3	\$1,582.56	3" SS CONN	\$794.50	3" CMP CONN	\$1,449.20	SQDHU361RB	\$192.57										
THHN 400 BLK 37STR CU	\$9,610.75			PVC Conduit		GAL-3-1/2	\$2,070.33	3-1/2" SS CONN	\$1,198.01	3-1/2" CMP CONN	\$1,752.68	SQDHU362	\$192.57										
THHN 500 BLK 37STR CU	\$12,143.88			PVC-Sched-40-Conduit-1/2	\$79.65	GAL-4	\$2,194.25	4" SS CONN	\$1,373.73	4" CMP CONN	\$2,177.51	SQDH362RB	\$416.33										
THHN 600 BLK 61STR CU	\$15,132.50			XHHW-AL-2/0	\$1,215.00	IMC CONDUIT		EMT 90D ELBOWS		GAL 90D ELBOWS		SQDH363	\$468.81										
THHN 750 BLK 61STR CU	\$25,579.50			XHHW-AL-3/0	\$1,508.50	IMC-1/2	\$139.51	EMT12ELL90	\$252.83	GAL12ELL	\$453.71	SQDH363RB	\$648.76										
				XHHW-AL-4/0	\$1,643.25	IMC-3/4	\$164.94	EMT34ELL90	\$147.06	GAL34ELL	\$568.33	SQDH364	\$673.63										
				XHHW-AL-250	\$2,046.88	IMC-1	\$252.80	EMT1ELL90	\$224.18	GAL1ELL	\$888.03	SQDH364RB	\$891.46										
				XHHW-AL-300	\$2,828.38	IMC-1-1/4	\$354.36	EMT114ELL90	\$657.13	GAL114ELL	\$1,241.24	30A FUSE 600V	\$14.59										
				XHHW-AL-350	\$2,875.00	IMC-1-1/2	\$441.25	EMT112ELL90	\$764.21	GAL112ELL	\$1,510.55	60A FUSE 600V	\$25.04										
				XHHW-AL-400	\$3,293.88	IMC-2	\$553.19	EMT2ELL90	\$1,052.13	GAL2ELL	\$2,379.25	100A FUSE 600V	\$51.76										
				XHHW-AL-500	\$3,706.88	IMC-2-1/2	\$1,093.51	EMT212ELL90	\$2,269.95	GAL212ELL	\$4,069.75	200A FUSE 600V	\$103.55										
				XHHW-AL-600	\$4,697.75	IMC-3	\$1,429.56	EMT3ELL90	\$3,545.61	GAL3ELL	\$5,493.44												
				XHHW-AL-700	\$5,423.00	IMC-3-1/2	\$1,680.50	EMT312ELL90	\$4,536.74	GAL312ELL	\$8,765.68												
				XHHW-AL-750	\$5,479.00	IMC-4	\$1,887.80	EMT4ELL90	\$5,791.60	GAL4ELL	\$10,644.04												
COPPER NM-B																							
NM-B 14/2 W/G	\$373.88																						
NM-B 14/3 W/G	\$497.88																						
NM-B 12/2 W/G	\$553.75																						
NM-B 12/3 W/G	\$759.75																						
NM-B 10/2 W/G	\$966.25																						
NM-B 10/3 W/G	\$1,203.13																						
NM-B 8/2 W/G	\$1,654.75																						
Coil Prices - Additional cost for reels																							

Date: 2/28/2023, Prices are for quotation purposes only, and may change without notice.

**CONSOLIDATED ELECTRICAL DISTRIBUTORS**

807 WINONA STREET  
KNOXVILLE TN 37917  
TEL: 865 521-6262 FAX: 865 521-6876

CONTACT: NIC MOORE

QUOTE FOR: SERVICE ONE, INC.

ACCT #: AL-62760 SERVICE ONE, INC.

7808 ASHEVILLE HWY  
KNOXVILLE, TN 37924  
TEL: (865) 932-2003

QUOTATION			PAGE
			001 OF 001
QUOTE #	DATE	REV #	REV DATE
1193753	05/31/23	001	05/31/23
QUOTE EXPIRES		PREPARED BY	
06/02/2023		NM	
SLS		INSL	
0229		0221	
FOB		FREIGHT	
SHIPPING POINT		PREPAID	

CUS PO #:
JOB NAME:

LN	QTY	MFR	CATALOG #	DESCRIPTION	PRICE	UOM	EXT AMT
01	25	FLEX	LIQ2-1/2	FLEX LIQ-TITE EF/LT	881.95	C	220.49
02	4	TOPAZ	477S	2-1/2 MI STRT INS L/T	5,541.75	C	221.67
03	4	TOPAZ	497S	CONN			
				2-1/2 MI 90D INS L/T	7,101.33	C	284.05
04	15	FLEX	LIQ4	CONN			
				FLEX LIQ-TITE EF/LT	1,751.55	C	262.73
05	2	TOPAZ	480S	4IN MI STRT INS L/T	10,419.27	C	208.39
06	*	DONT STOCK 4" 90S CONNECTORS					

MDSE: 1,197.33  
TAX: 110.75  
TOTAL: 1,308.08

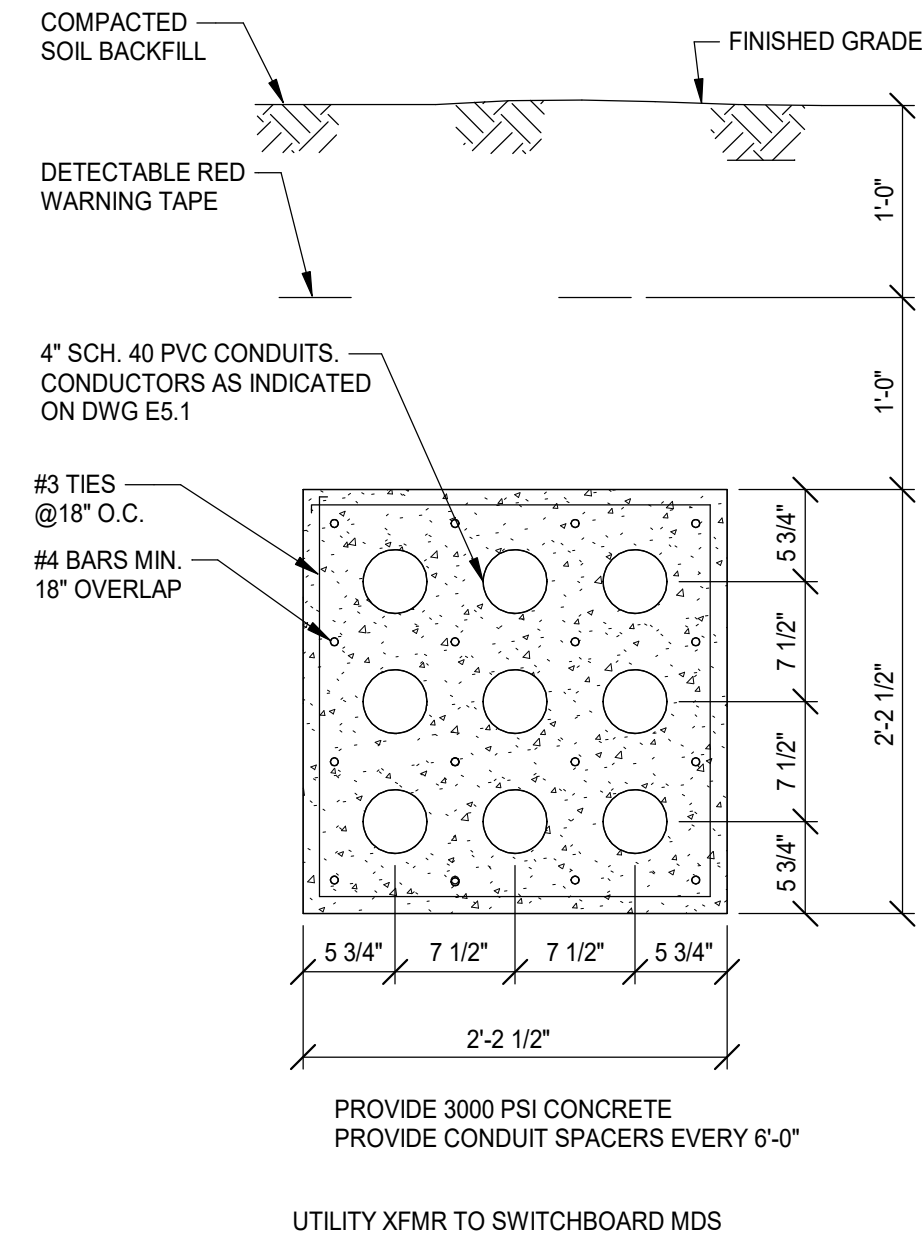
PLEASE NOTE: THIS IS NOT AN OFFER TO CONTRACT, BUT MERELY A QUOTATION OF CURRENT PRICES FOR YOUR CONVENIENCE AND INFORMATION. ORDERS BASED ON THIS QUOTATION ARE SUBJECT TO YOUR ACCEPTANCE OF THE TERMS AND CONDITIONS LOCATED AT SALES.OUR-TERMS.COM, WHICH WE MAY CHANGE FROM TIME TO TIME WITHOUT PRIOR NOTICE. WE MAKE NO REPRESENTATION WITH RESPECT TO COMPLIANCE WITH JOB SPECIFICATIONS.

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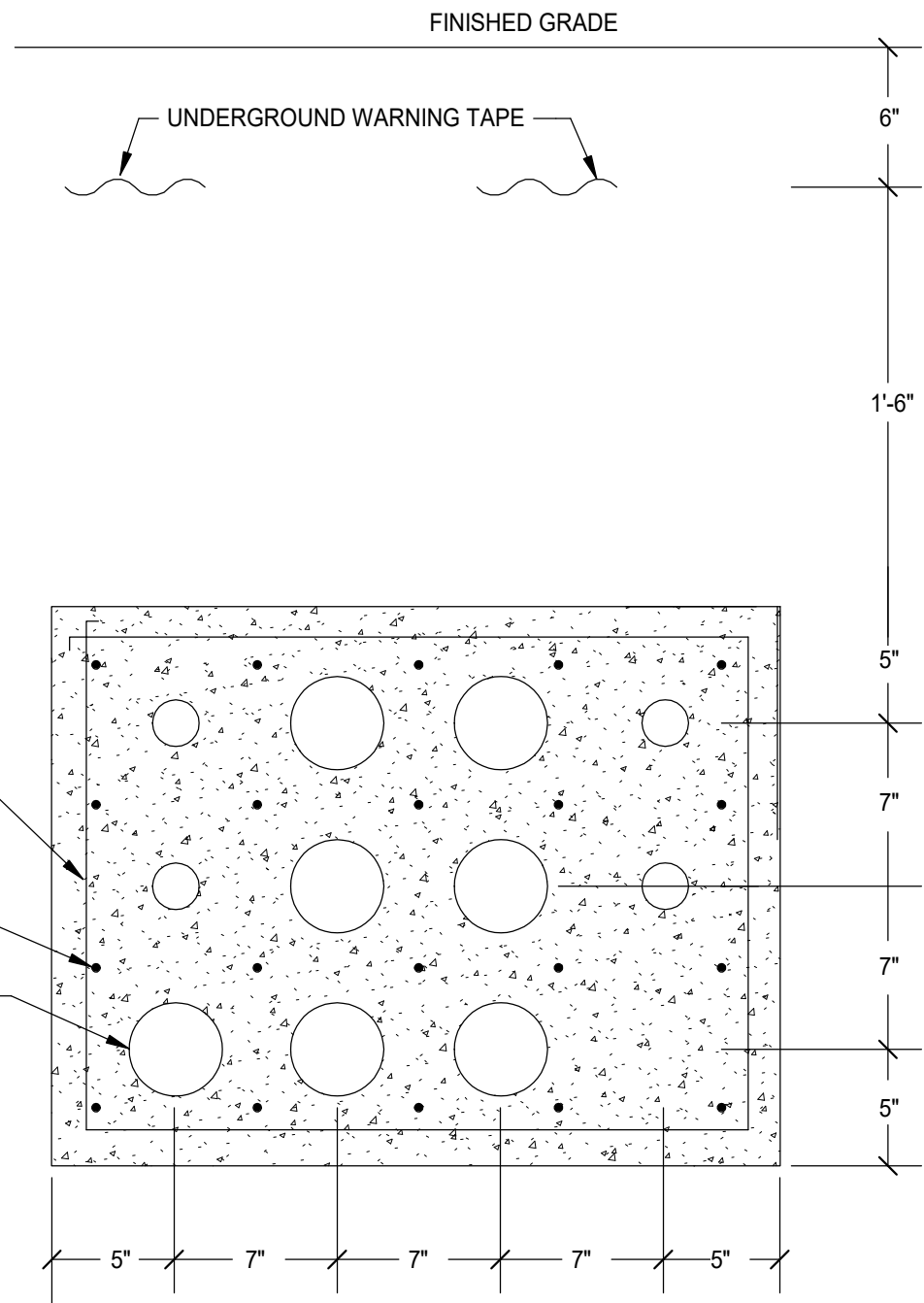
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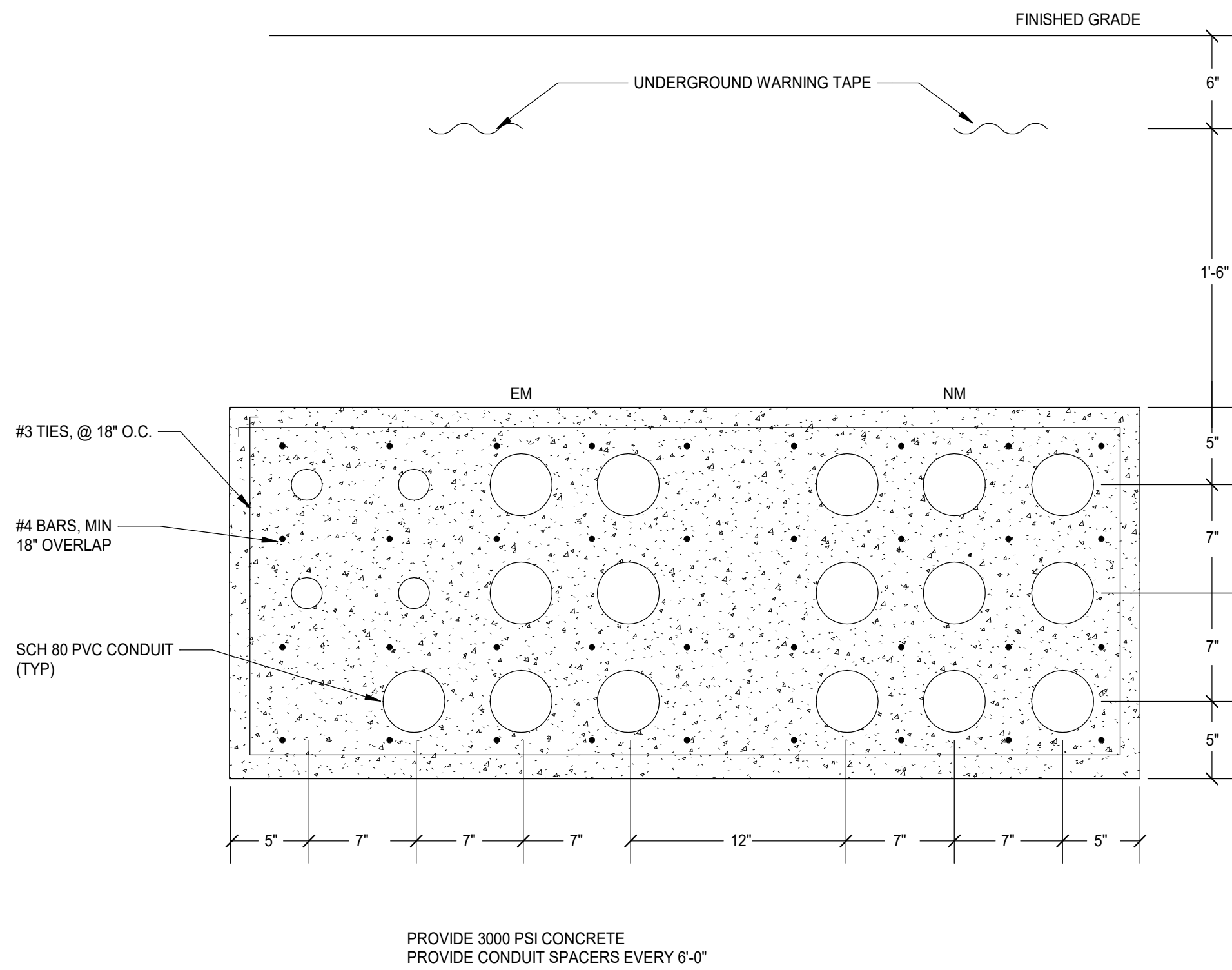
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2 DUCTBANK SECTION XFMR TO MDS  
NO SCALE

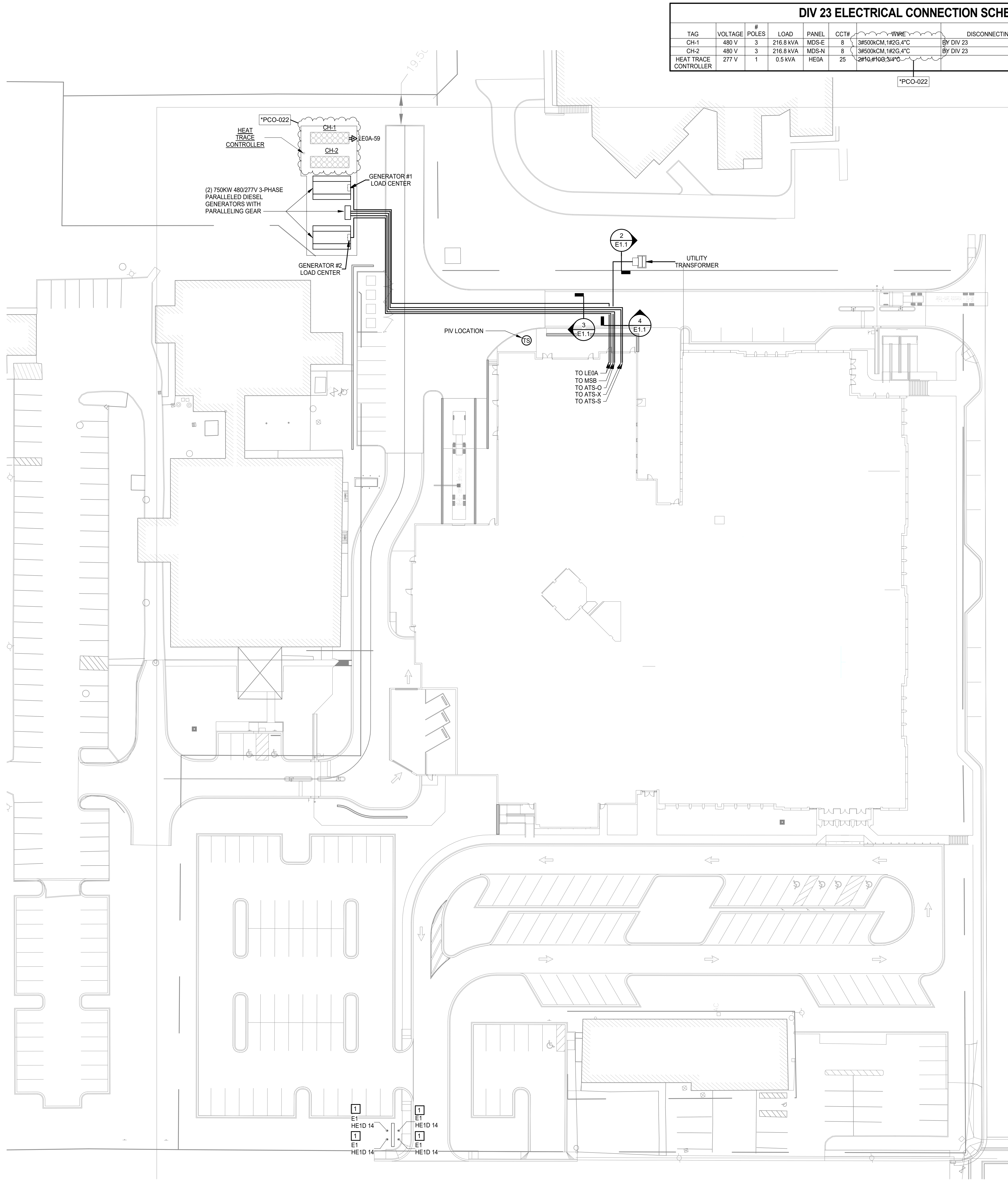


3 DUCTBANK SECTION - CONCRETE ENCASED  
NO SCALE

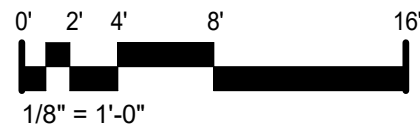


4 DUCTBANK SECTION - XFMR & GEN  
NO SCALE

1 SITE PLAN - ELECTRICAL  
1" = 30'-0"



DIV 23 ELECTRICAL CONNECTION SCHEDULE E1.1									
TAG	VOLTAGE	#	LOAD	PANEL	CCT#	WIRE	DISCONNECTING MEANS	REMARKS	
CH-1	480 V	3	216.8 KVA	MDS-E	8	3#500KCM.1#2G.4"C	BY DIV 23		
CH-2	480 V	3	216.8 KVA	MDS-N	8	3#500KCM.1#2G.4"C	BY DIV 23		
HEAT TRACE CONTROLLER	277 V	1	0.5 KVA	HE0A	25	2#10.#10G.3/4"C		PROVIDE UNISTRUT RACK FOR MOUNTING	



MOSELEYARCHITECTS



HAMBLÉN COUNTY JUSTICE CENTER

440 N. Jackson Street  
MORRISTOWN, TN

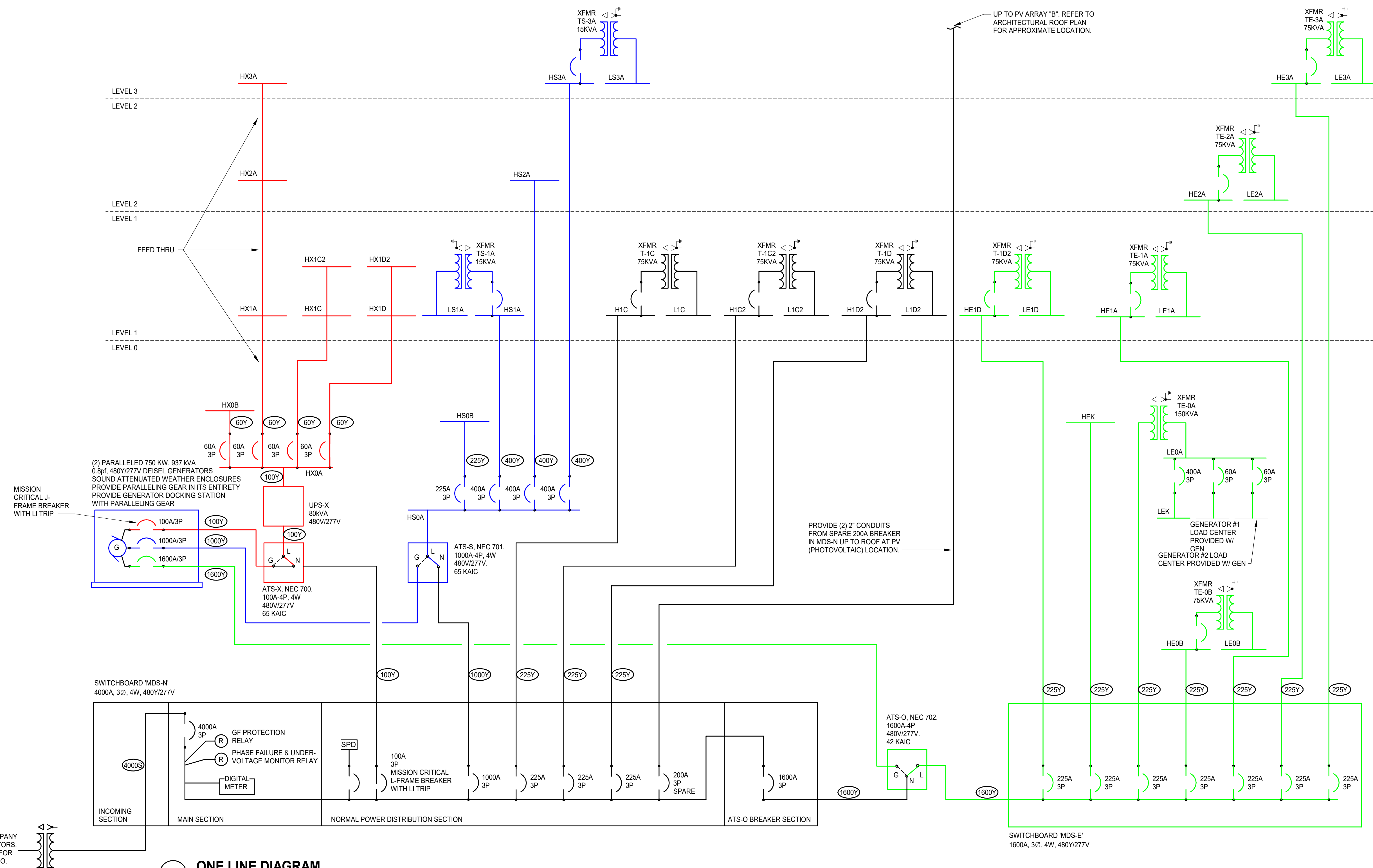
PROJECT NO: 590418	
DATE: 08/26/2021	
REVISIONS	
DATE	DESCRIPTION
3/8/22	*PCO-010R
6/24/22	*PCO-022

ELECTRICAL SITE  
PLAN

E1.1

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6210 ARDREY KELL ROAD • THE HUB AT WAVERLY, SUITE #25 • CHARLOTTE, NC 28277  
PHONE (704) 540-3755 FAX (704) 540-3754  
MOSELEYARCHITECTS.COM



1 ONE LINE DIAGRAM  
NO SCALE

DIV 26 DUCTBANK FOR POWER COMPANY UNDERGROUND PRIMARY CONDUCTORS. REFER TO ELECTRICAL SITE PLANS FOR ROUTING. COORDINATE WITH UTILITY CO.

POWER COMPANY PAD  
MTD TRANSFORMER -  
SECONDARY @ 480Y/277-VOLT,  
3Ø, 4-WIRE, 60 HZ

SWITCHBOARD SCHEDULE MDS-E							
HORIZONTAL... 1600 A		NEMA ENCL:		NEMA... FRONT ACCESS			
GROUND BUS: 1600 A		MAIN SWITCH: 1600 A		VOLTAGE: 480Y/277V		3 PH 4 WIRE	
VERTICAL... 1600 A		CT SECTION: YES		BRACING: 65000 AMPS... 65000			
NEUTRAL BUS: 1600 A							
DEVICE NO.	DESCRIPTION	A	B	C	NUMBER OF POLES	RATING	NOTES
1	TE-0A	48971 VA	44339 VA	44181 VA	3	225 A	
2	HEK	43511 VA	43511 VA	43511 VA	3	225 A	
3	HE0B	26916 VA	27578 VA	27164 VA	3	225 A	
4	HE1A	37560 VA	34878 VA	31874 VA	3	225 A	
5	HE2A	35443 VA	37266 VA	34304 VA	3	225 A	
6	HE3A	47661 VA	45545 VA	41504 VA	3	225 A	
7	HE1D	24493 VA	25996 VA	22427 VA	3	225 A	
8	CH-2 (L)	72259 VA	72259 VA	72259 VA	3	400 A	*PCO-022
9	P-2 (L)	14410 VA	14410 VA	14410 VA	3	100 A	
10	HE0A	17758 VA	18277 VA	16225 VA	3	100 A	
11	SPARE	0 VA	0 VA	0 VA	3	225 A	
12	SPACE	0 VA	0 VA	0 VA	3	400 A	RATING = SPACE FRAME SIZE
13	SPARE	0 VA	0 VA	0 VA	3	400 A	RATING = SPACE FRAME SIZE
14	SPARE	0 VA	0 VA	0 VA	3	400 A	RATING = SPACE FRAME SIZE
15	SPARE	0 VA	0 VA	0 VA	3	400 A	RATING = SPACE FRAME SIZE
TOTAL		357410 VA	352417 VA	336224 VA			
LOAD TYPE		CONNECTED...	DEMAND...	DEMAND KVA			
INTERIOR LIGHTING		54540 VA	100.00%	54540 VA			
EXTERIOR LIGHTING		916 VA	100.00%	916 VA			
RECEPTACLES		197140 VA	52.54%	103570 VA			
AC / HEAT PUMP		38102 VA	80.00%	30482 VA			
ELECTRIC HEAT		0 VA	0.00%	0 VA			
KITCHEN		186072 VA	70.00%	130250 VA			
MISCELLANEOUS		85580 VA	80.00%	78464 VA			
LARGEST MOTOR		0 VA	0.00%	0 VA			
				TOTAL CONNECTED KVA: 1048 KVA			
				TOTAL DEMAND KVA: 872 KVA			
				TOTAL CONNECTED... 1258 A			
				TOTAL DEMAND AMPS: 1048 A			
NOTES:							
1. PROVIDE FACTORY INSTALLED DIGITAL MULTIMETER, PLUS MONITORING CABLE IN CONDUIT TO BAS PICKUP MODULE, COORDINATE WITH DIV 23.							
2. PROVIDE SIGN PER NEC 702. *OPTIONAL STANDBY FROM GENERATOR LOCATED IN EQUIPMENT YARD OUTSIDE, VIA ATS-O							

SWITCHBOARD SCHEDULE										MDS-N	
HORIZONTAL... 4000 A		NEMA ENCL: 1		NEMA... FRONT ACCESS							
GROUND BUS: 4000 A		MAIN SWITCH: 4000 A		VOLTAGE: 480Y/277V 3 PH 4 WIRE							
VERTICAL... 4000 A		CT SECTION: YES		BRACING: 65000 AMPS... 65000							
NEUTRAL BUS: 4000 A											
DEVIC E NO.	DESCRIPTION	A	B	C	NUMBER OF POLES	RATING	NOTES				
1	SPD	0 VA	0 VA	0 VA	3	20 A					
2	ATS-X	16489 VA	5283 VA	2639 VA	3	100 A					
3	ATS-S	188371 VA	188621 VA	187021 VA	3	1000 A					
4	H1C	17615 VA	16867 VA	18280 VA	3	225 A					
5	H1C2	33259 VA	32067 VA	33287 VA	3	225 A					
6	H1D2	20780 VA	18810 VA	18287 VA	3	225 A					
7	ATS-O	357410 VA	352417 VA	336224 VA	3	1600 A					
8	CH-1 (L)	72259 VA	72259 VA	72259 VA	3	400 A	} *PCO-022				
9	P-1 (L)	14410 VA	14410 VA	14410 VA	3	100 A					
10	DBP-1 (L)	11083 VA	11083 VA	11083 VA	3	80 A					
11	SPARE	0 VA	0 VA	0 VA	3	200 A					
12	SPACE	0 VA	0 VA	0 VA	3	400 A					
13	SPACE	0 VA	0 VA	0 VA	3	400 A					
14	SPARE	0 VA	0 VA	0 VA	3	400 A					
15	SPARE	0 VA	0 VA	0 VA	3	400 A					
TOTAL		719847 VA	700097 VA	681768 VA							
LOAD TYPE		CONNECTED...	DEMAND...	DEMAND KVA							
INTERIOR LIGHTING		91859 VA	100.00%	91859 VA							
EXTERIOR LIGHTING		2216 VA	100.00%	2216 VA							
RECEPTACLES		287080 VA	51.74%	148540 VA							
AC / HEAT PUMP		45424 VA	80.00%	36339 VA							
ELECTRIC HEAT		0 VA	0.00%	0 VA							
KITCHEN		186072 VA	70.00%	130250 VA							
MISCELLANEOUS		154430 VA	80.00%	123544 VA							
LARGEST MOTOR		0 VA	0.00%	0 VA							
						TOTAL CONNECTED KVA: 2102 kVA					
						TOTAL DEMAND KVA: 1870 kVA					
						TOTAL CONNECTED... 2528 A					
						TOTAL DEMAND AMPS: 2249 A					
NOTES:											
1. SWITCHBOARD SHALL BE UL SERVICE ENTRANCE RATED											
2. PROVIDE SPD WITH OVERCURRENT DEVICE, DISCONNECTING MEANS & CONDUCTORS, SIZE PER SPD MFR REQUIREMENTS MOUNTED ON TOP OF EQUIPMENT											
3. PROVIDE DISCONNECTING MEANS LABEL PER 2008 NEC 230.70(B)											
4. PROVIDE GROUND FAULT PROTECTIVE RELAY, DOCUMENT TEST. PROVIDE PHASE LOSS AND UNDERVOLTAGE DRY CONTACT FOR BAS PICKUP.											
5. PROVIDE FACTORY INSTALLED DIGITAL MULTIMETER, PLUS MONITORING CABLE IN CONDUIT TO BAS PICKUP MODULE, COORDINATE WITH DIV 23.											

## COPPER FEEDER SCHEDULE

FEEDER ID	# OF SETS	BUILDING WIRE QUANTITY & SIZE TYPE THWN - DRY TYPE THWN - WET	MINIMUM CONDUIT SIZE	FEEDER ID	# OF SETS	BUILDING WIRE QUANTITY & SIZE TYPE THWN - DRY TYPE THWN - WET	MINIMUM CONDUIT SIZE
30	1	3#10,#10 G	3/4"	30V	1	4#10,#10 G	3/4"
35	1	3#8,#10 G	3/4"	35V	1	4#8,#10 G	3/4"
40	1	3#8,#10 G	3/4"	40V	1	4#8,#10 G	3/4"
45	1	3#8,#10 G	1"	45V	1	4#8,#10 G	1"
50	1	3#8,#10 G	1"	50V	1	4#8,#10 G	1"
60	1	3#4,#10 G	1"	60V	1	4#4,#10 G	1"
70	1	3#4,#8 G	1 1/4"	70V	1	4#4,#8 G	1 1/4"
80	1	3#3,#8 G	1 1/4"	80V	1	4#3,#8 G	1 1/4"
90	1	3#2,#8 G	1 1/4"	90V	1	4#2,#8 G	1 1/4"
100	1	3#1,#8 G	1 1/4"	100V	1	4#1,#8 G	1 1/4"
110	1	3#2,#6 G	1 1/2"	110V	1	4#2,#6 G	1 1/2"
125	1	3#1,#6 G	1 1/2"	125V	1	4#1,#6 G	1 1/2"
150	1	3#1/0,#6 G	2"	150V	1	4#1/0,#6 G	2"
175	1	3#2/0,#6 G	2"	175V	1	4#2/0,#6 G	2"
200	1	3#3/0,#6 G	2"	200V	1	4#3/0,#6 G	2"
225	1	3#4/0,#4 G	2 1/2"	225V	1	4#4/0,#4 G	2 1/2"
250	1	3-250KCM,#4 G	2 1/2"	250V	1	4-250KCM,#4 G	2 1/2"
300	1	3-350KCM,#4 G	2 1/2"	300V	1	4-350KCM,#4 G	2 1/2"
350	2	3#2/0,#3 G	2"	350V	2	4#2/0,#3 G	2"
400	1	3-600KCM,#3 G	4"	400V	1	4-600KCM,#3 G	4"
450	2	3#4/0,#2 G	2 1/2"	450V	2	4#4/0,#2 G	2 1/2"
500	2	3-250KCM,#2 G	2 1/2"	500V	2	4-250KCM,#2 G	2 1/2"
600	2	3-350KCM,#1 G	3"	600V	2	4-350KCM,#1 G	3"
700	2	3-500KCM,#1/0 G	4"	700V	2	4-500KCM,#1/0 G	4"
800	2	3-600KCM,#1/0 G	4"	800V	2	4-600KCM,#1/0 G	4"
1000	3	3-500KCM,#2/0 G	4"	1000V	3	4-500KCM,#2/0 G	4"
1200	4	3-350KCM,#3/0 G	3"	1200V	4	4-350KCM,#3/0 G	3"
1600	4	3-600KCM,#4/0 G	4"	1600V	4	4-600KCM,#4/0 G	4"
2000	5	3-600KCM,#250 G	4"	2000V	5	4-600KCM,#250 G	4"
2500	6	3-600KCM,#350 G	4"	2500V	6	4-600KCM,#350 G	4"
4000S	9	4-600KCM	4"	4000V	9	4-600KCM,#350 G	4"

- NOTES:
- ELECTRICAL CONTRACTOR TO VERIFY CONDUIT SIZE REQUIRED IF WIRE TYPES OTHER THAN THOSE LISTED ABOVE ARE USED.
  - FEEDER SIZES BASED ON TABLE 310.16, 75° C.
  - SIZES ADJUSTED PER NEC 110.14.

## TRANSFORMER SCHEDULE

kVA	TYPE	PRIMARY	SECONDARY	COPPER PRIMARY FEEDER	COPPER SECONDARY FEEDER	BONDING CONDUCTOR
15 kVA	LINEAR	480V-3Ø	208Y/120V	3#10, #10 G, 3/4" C.	4#4, #8 G, 1" C.	#8
30 kVA	LINEAR	480V-3Ø	208Y/120V	3#6, #10 G, 1" C.	4#1, #6 G, 1-1/2" C.	#6
45 kVA	LINEAR	480V-3Ø	208Y/120V	3#4, #8 G, 1-1/4" C.	4#1/0, #6 G, 2" C.	#6
75 kVA	LINEAR	480V-3Ø	208Y/120V	3#1, #6 G, 1-1/2" C.	4-250KCM, #2 G, 2-1/2" C.	#2
112.5 kVA	LINEAR	480V-3Ø	208Y/120V	3#2/0, #6 G, 2" C.	4-600KCM, #1/0 G, 4" C.	#1/0
150 kVA	LINEAR	480V-3Ø	208Y/120V	3#4/0, #4 G, 2-1/2" C.	(2 SETS) 4-250KCM, #3/0 G, 2-1/2" C.	#3/0
225 kVA	LINEAR	480V-3Ø	208Y/120V	(2 SETS) 3#2/0, #3 G, 2" C.	(2 SETS) 4-600KCM, #3/0 G, 4" C.	#3/0
300 kVA	LINEAR	480V-3Ø	208Y/120V	(2 SETS) 3#4/0, #2 G, 2-1/2" C.	(3 SETS) 4-600KCM, #3/0 G, 4" C.	#3/0
500 kVA	LINEAR	480V-3Ø	208Y/120V	(2 SETS) 3-900KCM, #3/0 G, 4" C.	(5 SETS) 4-600KCM, 250KCM G, 4" C.	#3/0



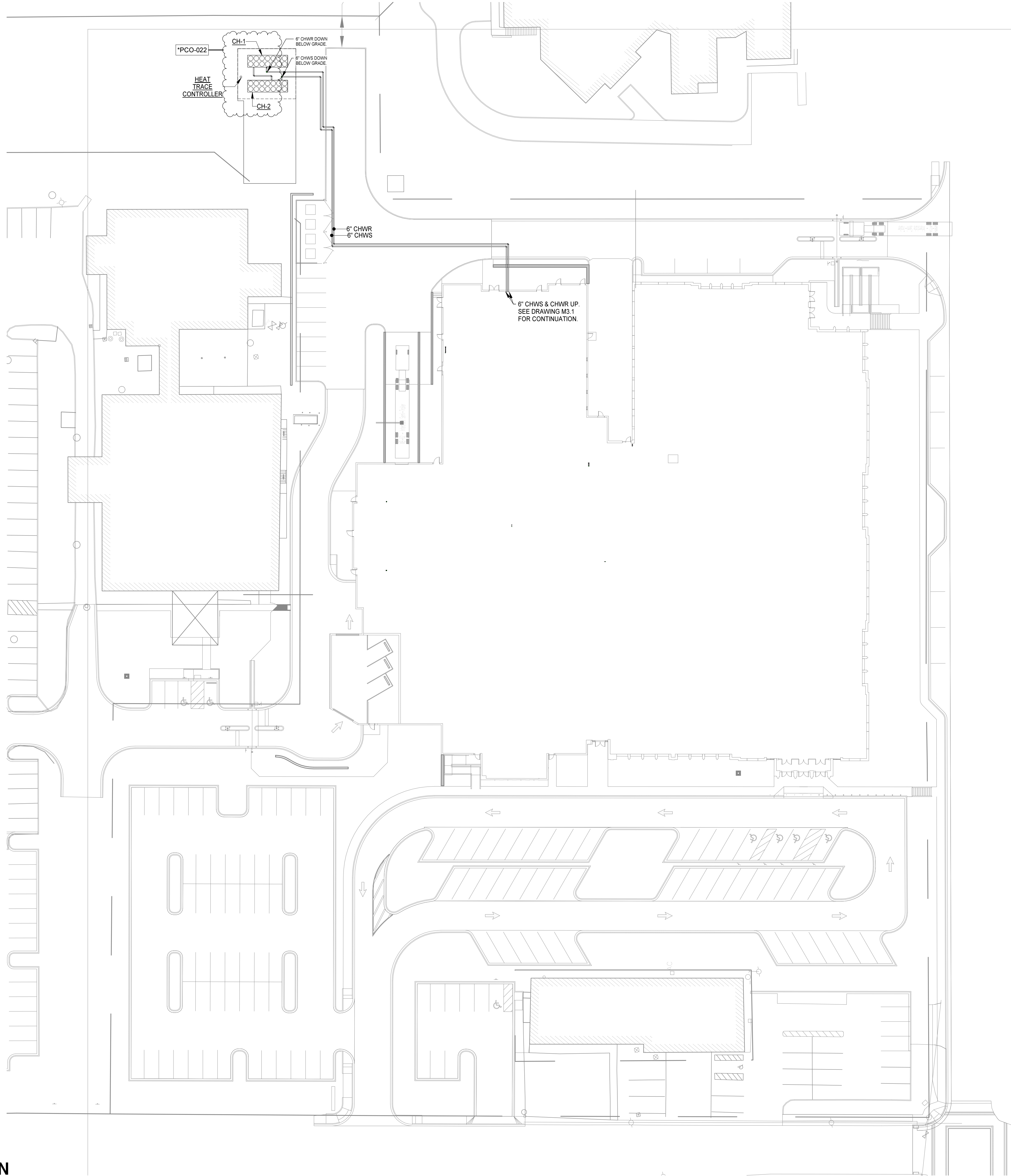
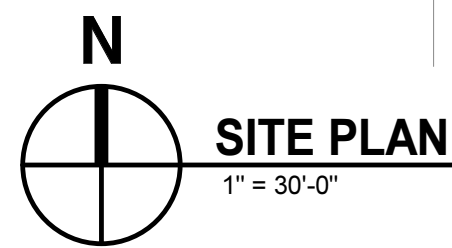
## OUTSIDE AIR UNIT SCHEDULE

SUPPLY FAN										RETURN/RELIEF FAN										ENTHALPY WHEEL										HYDRONIC COOLING COIL										HYDRONIC HEATING COILS										ELECTRICAL DATA																																																																																																																																																																																																																																																																																																																																																																									
FAN WHEEL										FAN WHEEL										FAN WHEEL										WHEEL										EAT										LAT										PREHEAT COIL										REHEAT COIL										SERVICE																																																																																																																																																																																																																																																																																																																																											
TAG	MANUFACTURER	MODEL NUMBER	SERVING	DESIGN AIRFLOW (CFM)	ESP (IN WC)	DIA (IN)	TYPE	FAN SPEED (RPM)	MOTOR SIZE (HP)	BHP (HP)	OUTSIDE AIRFLOW (CFM)	SPD (CFM)	DESIGN AIRFLOW (CFM)	ESP (IN WC)	DIA (IN)	TYPE	FAN SPEED (RPM)	MOTOR SIZE (HP)	BHP (HP)	DESIGN AIRFLOW (CFM)	SUMMER					WINTER					DESIGN AIRFLOW (CFM)	SUMMER					WINTER					WHEEL MOTOR	TOTAL CAPACITY (BTU/H)	SENSIBLE CAPACITY (BTU/H)	EAT					LAT					WATER FLOW RATE (GPM)	WPD (FT/WC)	EWT (°F)	LWT (°F)	SENSIBLE CAPACITY (BTU/H)	EAT (°F)	LAT (°F)	WATER FLOW RATE (GPM)	WPD (FT/WC)	EWT (°F)	LWT (°F)	SENSIBLE CAPACITY (BTU/H)	EAT (°F)	LAT (°F)	WATER FLOW RATE (GPM)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)	WPD (FT/WC)	EWT (°F)	LWT (°F)

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1 2 3 4 5 6 7 8 9 10



PROJECT NO: 590418	
DATE: 08/22/2021	
REVISIONS	
DATE	DESCRIPTION
3/8/22	*PCO-010R
6/24/22	*PCO-022

SITE PLAN

# HAMBLEN COUNTY JUSTICE CENTER

440 N. Jackson Street  
MORRISTOWN, TN

**MOSELEY**ARCHITECTS



6210 ARDREY KELL ROAD • THE HUB AT WAWERLY, SUITE 425 • CHARLOTTE, NC 28277  
PHONE (704) 540-3755 • FAX (704) 540-3754  
MOSELEYARCHITECTS.COM

**Potential Change Order  
No. 029  
Scope of Work**

Project Name	Arch Project No.	Date
<b>Hamblen County Justice Center</b>	<b>590418</b>	<b>8/19/2022</b>
Subject	Specification No.	Drawing No.
<b>Electric Change Power Ventilator Submittal</b>	<b>NA</b>	<b>E2.4, E5.7</b>

Attention	Created By
<b>Blaine Prine, Blaine Construction Corporation</b>	<b>Linda Briggs</b>

This is not a change order nor a directive to proceed with the work described herein. Please submit with the form below an itemized material cost and time proposal for the changes in the contract sum and contract time for the following proposed modification(s) to the contract:

**Description:**

Please refer to attached Drawings E2.4 and E5.7 showing required electrical updates based on Submittal 233423-001-01 SUBM073.R1 - 233423\_HVAC POWER VENTILATORS - RESUBMITTAL review. During review it was noted that the fans listed below motor HP increased. Per correspondence with the manufacturer during review they noted that the basis of design fans HP had increased since design which is the driving factor of this PCO.

- 1.SSF-0A: HP increased to 7.5 HP
- 2.SSF-1A, 1B, 1E, 1F, 2A, 2B, 2E, 2F, 3A, 3B: HP Increased to 10 HP
- 3.SSF-1C, 1D, 2C, 2D, 3C, 3d: HP increased to 5 HP
- 4.SSF-5: HP increased to 10 HP

**Receipt of your proposal is requested by: September 2, 2022**

**Proposal**

In response to the request above, the Contractor proposes to perform the changes described for an increase / decrease in the contract sum in the amount of \$ 9,258.00 and increase / decrease in the contract time of 0 calendar days.

A detailed breakdown of labor and material costs is attached hereto which includes all costs and time associated with the proposed change(s).

Signed:  Date: 6/7/23

Encl.: As Stated

Cc w/encl.:

Linda Briggs

BLAINE CONSTRUCTION CORPORATION Pending Change Order (PCO) Breakdown Form						ADD CHANGE REQUEST			
<div>HAMBLEN COUNTY JUSTICE CENTER MORRISTOWN, TN</div> <div>PCO-029 - ADDITIONAL COSTS FOR ELECTRICAL FEEDERS DUE TO INCREASED MOTOR SIZES. FAN SSF-0A INCREASED TO 7.5 HP, FANS SSF-1A, 1B, 1E, 1F, 2A, 2B, 2E, 2F, 3A AND 5 INCREASED TO 10 HP, FANS SSF-1C, 1D, 2C, 2D, 3C AND 3D INCREASED TO 5 HP.</div> <div>Quoted By: BLAINE PRINE</div>						<div>BCC Job No. 85164</div> <div>Moseley Job No. 590418</div> <div>DATE: 6/7/2023</div> <div>REVISION: 0</div>			
SUMMARY OF WORK: PER MOSELEY PCO-029 - ADDITIONAL COSTS FOR ELECTRICAL FEEDERS DUE TO INCREASED MOTOR SIZES. FAN SSF-0A INCREASED TO 7.5 HP, FANS SSF-1A, 1B, 1E, 1F, 2A, 2B, 2E, 2F, 3A AND 5 INCREASED TO 10 HP, FANS SSF-1C, 1D, 2C, 2D, 3C AND 3D INCREASED TO 5 HP.									
ITEM	DESCRIPTION	QTY	UNIT	LABOR		EQUIPMENT/MATERIAL		SUBCONTR. TOTAL	TOTAL
				U.P.	TOTAL	U.P.	TOTAL		
				-	-	-	-	-	-
1	NET TOTAL OF CREDITS (FOR ORIGINAL) AND ADDS (FOR REVISED) FEEDER SIZES RESULTING FROM INCREASED MOTOR SIZES ON THE FANS NOTED IN THE SUMMARY DESCRIPTION ABOVE. SEE ATTACHED FOR ELECTRICAL SUBCONTRACTOR'S ITEMIZED BREAKDOWN OF COSTS.	1.0	LSUM	-	-	-	-	8,726.29	8,726.29
NOTES:									
1. N/A									
2. N/A									
					-		-	-	-
SUB-TOTALS ALL WORK					-		-	8,726.29	8,726.29
	Material Tax & Equipment Surcharge						-		-
	Labor Burden @ 42% Labor Totals								-
	OH & Profit @ 15% BCC Totals				-		-		-
	OH & Profit Subs @ 5%:							436.31	436
	Builders Risk Insurance @ 0.2%								17
	Payment & Performance Bonds @ 0.85%								78
TOTAL COST								\$	9,258

**SERVICE ONE INC.**

Blaine Construction Company  
Hamblen County Justice Center  
Job: 24090 - PCO - 029

*HVAC Re-Submittal Changes to Increase HP of several  
Ventilator Fans upsizing feeders and assoc Breakers*

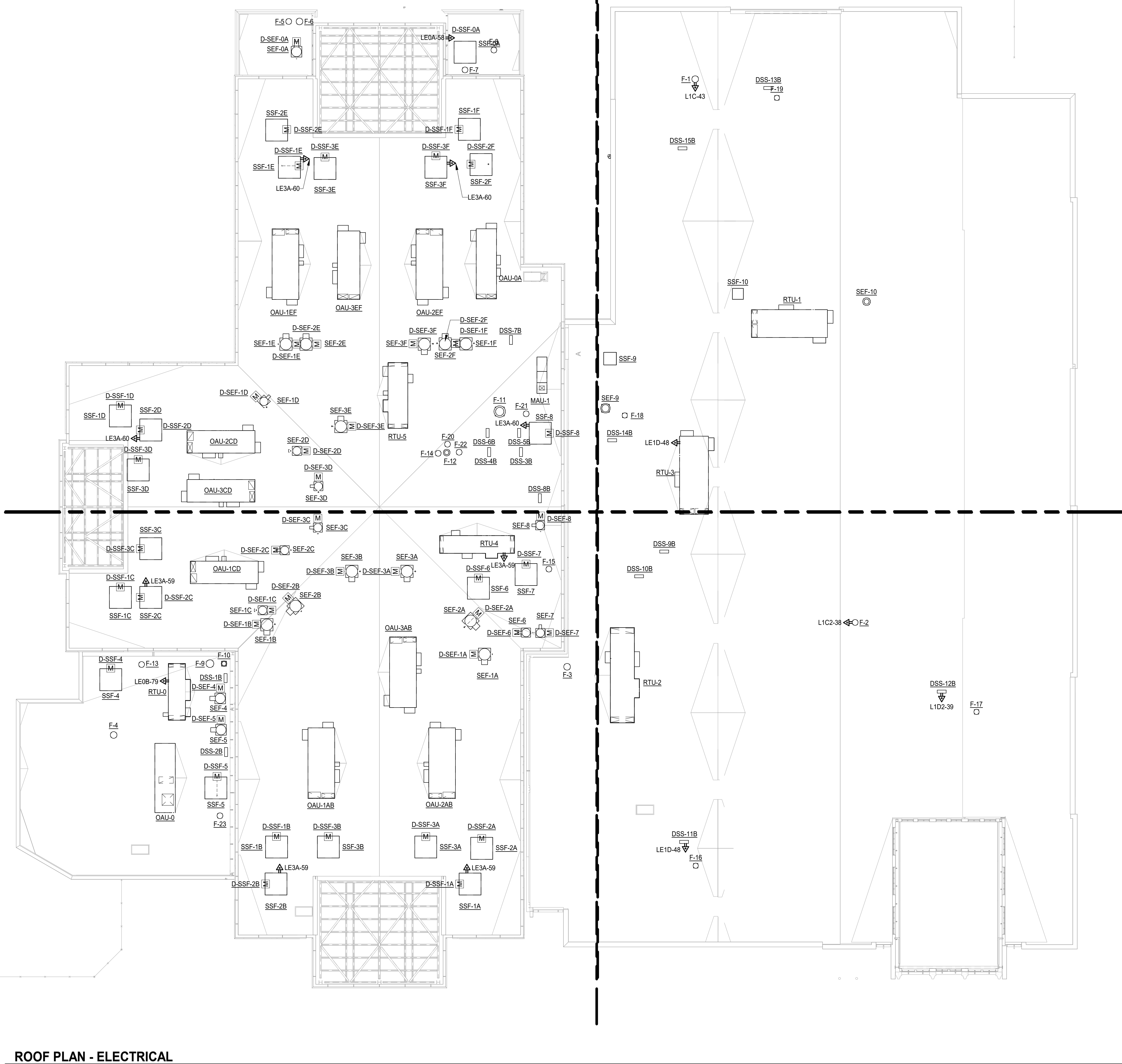
		QTY	UNIT	MH	Labor Cost	Materials Unit	Equip Cost	Sub C Cost	Total Labor	Total Material	Total Equip	Total Sub C	TOTAL
1	Fans SSF-1A, 1B, 1E & 1F from Panel HS1A 1st floor												\$0.00
2	150ft average Delete # 12 THHN 4 cond	2460	ft	0.025	-\$58.00	\$0.19	\$0.00		-\$3,567.00	\$467.40	\$0.00	\$0.00	-\$3,099.60
3	Add # 10 THHN 4 cond	2460	ft	0.027	\$58.00	\$0.29	\$0.00	\$0.00	\$3,852.36	\$720.78	\$0.00	\$0.00	\$4,573.14
4	Delete - 20amp 3phase 480 volt breakers	4	ea	1	-\$58.00	-\$412.58	\$0.00		-\$232.00	-\$1,650.32	\$0.00	\$0.00	-\$1,882.32
5	Add - 30 amp 3phase 480 volt breakers	4	ea	1	\$58.00	\$565.00	\$0.00	\$66.00	\$232.00	\$2,260.00	\$0.00	\$264.00	\$2,756.00
6													
7	Fans SSF-2A, 2B, 2E & 2F from Panel HS2A 2nd floor												
8	122ft average Delete # 12 THHN 4 cond	2340	ft	0.025	-\$58.00	\$0.19	\$0.00		-\$3,393.00	\$444.60	\$0.00	\$0.00	-\$2,948.40
9	Add # 10 THHN 4 cond	2340	ft	0.027	\$58.00	\$0.29	\$0.00	\$0.00	\$3,664.44	\$685.62	\$0.00	\$0.00	\$4,350.06
10	Delete - 20amp 3phase 480 volt breakers	4	ea	1	-\$58.00	-\$412.58	\$0.00		-\$232.00	-\$1,650.32	\$0.00	\$0.00	-\$1,882.32
11	Add - 30 amp 3phase 480 volt breakers	4	ea	1	\$58.00	\$565.00	\$0.00	\$66.00	\$232.00	\$2,260.00	\$0.00	\$264.00	\$2,756.00
12													\$0.00
13	Fans SSF-3A, 3B, from Panel HS3A 3rd floor												
14	150ft average Delete # 12 THHN 4 cond	905	ft	0.025	-\$58.00	\$0.19	\$0.00		-\$1,312.25	\$171.95	\$0.00	\$0.00	-\$1,140.30
15	Add # 10 THHN 4 cond	905	ft	0.027	\$58.00	\$0.29	\$0.00	\$0.00	\$1,417.23	\$265.17	\$0.00	\$0.00	\$1,682.40
16	Delete - 20amp 3phase 480 volt breakers	2	ea	1	-\$58.00	-\$412.58	\$0.00		-\$116.00	-\$825.16	\$0.00	\$0.00	-\$941.16
17	Add - 30 amp 3phase 480 volt breakers	2	ea	1	\$58.00	\$565.00	\$0.00	\$66.00	\$116.00	\$1,130.00	\$0.00	\$132.00	\$1,378.00
18													
19	Fans SSF-5 from Panel HSOB zero level												
20	150ft average Delete # 12 THHN 4 cond	683	ft	0.025	-\$58.00	\$0.19	\$0.00		-\$990.35	\$129.77	\$0.00	\$0.00	-\$860.58
21	Add # 10 THHN 4 cond	683	ft	0.027	\$58.00	\$0.29	\$0.00	\$0.00	\$1,069.58	\$200.12	\$0.00	\$0.00	\$1,269.70
22	Delete - 20amp 3phase 480 volt breakers	1	ea	1	-\$58.00	-\$412.58	\$0.00		-\$58.00	-\$412.58	\$0.00	\$0.00	-\$470.58
23	Add - 30 amp 3phase 480 volt breakers	1	ea	1	\$58.00	\$565.00	\$0.00	\$66.00	\$58.00	\$565.00	\$0.00	\$66.00	\$689.00
24					\$58.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25					\$58.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	Supervision	1	Hr	8.5	\$80.00				\$680.00	\$0.00	\$0.00	\$0.00	\$680.00
27									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
												\$0.00	
	<b>SUBTOTALS</b>								\$1,421.01	\$4,762.02	\$0.00	\$726.00	\$6,909.03
	Sales Tax on Materials 9.25%									\$440.49			\$440.49
	Small Tools and Consumables 4% of Labor								\$56.84				\$56.84
	<b>SUBTOTAL</b>								\$1,477.85	\$5,202.51	\$0.00	\$726.00	\$7,406.36
	Bond Adder For C/O 1 %												\$74.06
													\$7,480.42
	Insurance Adder For C/O 1 %												\$74.80
	<b>SUB TOTAL</b>												\$7,555.23
	OVERHEAD 10 %												\$755.52
													\$8,310.75
	PROFIT 5 %												\$415.54
	<b>CHANGE ORDER TOTAL</b>												\$8,726.29

DIV 23 ELECTRICAL CONNECTION SCHEDULE E2.4								
TAG	VOLTAGE	# POLES	LOAD	PANEL	CCT#	WIRE	DISCONNECTING MEANS	REMARKS
D-SEF-A	120 V	1	1.1 KVA	LS3A		2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-1A	120 V	1	1.1 KVA	LS3A	13	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-1B	120 V	1	1.1 KVA	LS3A	13	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-1C	120 V	1	1.1 KVA	LS3A	11	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-1D	120 V	1	1.1 KVA	LS3A	11	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-1E	120 V	1	1.1 KVA	LS3A	9	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-1F	120 V	1	1.1 KVA	LS3A	9	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-2A	120 V	1	1.1 KVA	LS3A	13	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-2B	120 V	1	1.1 KVA	LS3A	13	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-2C	120 V	1	1.1 KVA	LS3A	11	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-2D	120 V	1	1.1 KVA	LS3A	11	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-2E	120 V	1	1.1 KVA	LS3A	9	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-2F	120 V	1	1.1 KVA	LS3A	9	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-3A	120 V	1	1.1 KVA	LS3A	13	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-3B	120 V	1	1.1 KVA	LS3A	13	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-3C	120 V	1	1.1 KVA	LS3A	11	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-3D	120 V	1	1.1 KVA	LS3A	11	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-3E	120 V	1	1.1 KVA	LS3A	9	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-3F	120 V	1	1.1 KVA	LS3A	9	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-4	120 V	1	1.1 KVA	LS1A	6	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1
D-SEF-5	120 V	1	1.1 KVA	LS1A	6	2#12.1/2G.3/4C		REFER TO DETAIL 3/4.1

DIV 23 ELECTRICAL CONNECTION SCHEDULE E2.4									
TAG	VOLTAGE	# OF POLES	LOAD	PANEL	CCT#	WIRE	DISCONNECTING MEANS	REMARKS	
D-SF6-E	120 V	1	1.1 KVA	LS3A	1	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF6-F	120 V	1	1.1 KVA	LS3A	15	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF6-F	120 V	1	1.1 KVA	LS3A	15	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF6-OA	120 V	1	1.1 KVA	LS1A	7	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-1A	120 V	1	1.1 KVA	LS3A	13	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-1B	120 V	1	1.1 KVA	LS3A	13	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-1C	120 V	1	1.1 KVA	LS3A	11	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-1D	120 V	1	1.1 KVA	LS3A	11	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-1E	120 V	1	1.1 KVA	LS3A	9	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-1F	120 V	1	1.1 KVA	LS3A	9	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-2A	120 V	1	1.1 KVA	LS3A	13	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-2B	120 V	1	1.1 KVA	LS3A	13	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-2C	120 V	1	1.1 KVA	LS3A	11	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-2D	120 V	1	1.1 KVA	LS3A	11	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-2E	120 V	1	1.1 KVA	LS3A	9	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-2F	120 V	1	1.1 KVA	LS3A	9	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-3A	120 V	1	1.1 KVA	LS3A	13	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-3B	120 V	1	1.1 KVA	LS3A	13	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-3C	120 V	1	1.1 KVA	LS3A	11	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-3D	120 V	1	1.1 KVA	LS3A	11	2#12/10G,34/C		REFER TO DETAIL 34.1	
D-SF8-3E	120 V	1	1.1 KVA	LS3A	9	2#12/10G,34/C		REFER TO DETAIL 34.1	

DIV 23 ELECTRICAL CONNECTION SCHEDULE E2.4

TAG	VOLTAGE	# POLES	LOAD	PANEL	CCT#	WIRE	DISCONNECTING MEANS	REMARKS
D-SF-3F	120 V	1	0.1 KVA	LS1A	9	2#12/10G,3/4"		REFER TO DETAIL 3/4.1
D-SF-4	120 V	1	0.1 KVA	LS1A	8	2#12/10G,3/4"		REFER TO DETAIL 3/4.1
D-SF-6	120 V	1	0.1 KVA	LS1A	15	2#12/10G,3/4"		REFER TO DETAIL 3/4.1
D-SF-8	120 V	1	0.1 KVA	LS3A	15	2#12/10G,3/4"		REFER TO DETAIL 3/4.1
DSS-1B	208 V	2	1.8 KVA	LE1A	38,40	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-3B	208 V	2	4.2 KVA	LE3A	39,41	2#8/10G,3/4"	30ANF NEMA 3R	
DSS-3B	208 V	2	1.8 KVA	LE1A	48,50	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-4B	208 V	2	4.2 KVA	LE1A	47,49	2#8/10G,3/4"	30ANF NEMA 3R	
DSS-5B	208 V	2	1.8 KVA	LE2A	53,55	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-5B	208 V	2	4.2 KVA	LE2A	52,54	2#8/10G,3/4"	30ANF NEMA 3R	
DSS-1B	208 V	2	1.8 KVA	LE3A	56,58	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-8B	208 V	2	4.2 KVA	LE3A	55,57	2#8/10G,3/4"	30ANF NEMA 3R	
DSS-8B	208 V	2	4.2 KVA	LE1D	27,29	2#8/10G,3/4"	30ANF NEMA 3R	
DSS-10B	208 V	2	1.8 KVA	LE1D	32,34	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-11B	208 V	2	1.8 KVA	LE1D	31,33	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-12B	208 V	2	1.8 KVA	LE1D	38,40	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-13B	208 V	2	1.8 KVA	L1C	38,40	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-14B	208 V	2	1.8 KVA	L1C2	35,37	2#10/10G,3/4"	30ANF NEMA 3R	
DSS-15B	208 V	2	1.8 KVA	L1C	39,41	2#10/10G,3/4"	30ANF NEMA 3R	
F-1	120 V	1	1.2 KVA	L1C	35	2#12/1G,3/4"	BY DIV 23	
F-2	120 V	1	0.5 KVA	L1C2	39	2#12/1G,3/4"	BY DIV 23	
F-3	120 V	1	1.2 KVA	L1C2	36	2#12/1G,3/4"	BY DIV 23	
F-4	120 V	1	1.2 KVA	LE0B	63	2#12/1G,3/4"	BY DIV 23	
F-5	120 V	1	0.5 KVA	LE0A	24	2#12/1G,3/4"	BY DIV 23	
F-6	120 V	1	0.7 KVA	LE0A	25	2#12/1G,3/4"	BY DIV 23	
F-7	120 V	1	0.5 KVA	LE0A	26	2#12/1G,3/4"	BY DIV 23	
F-8	120 V	1	0.5 KVA	LE0A	27	2#12/1G,3/4"	BY DIV 23	
F-9	120 V	1	1.7 KVA	LE0B	65	2#10/10G,3/4"	BY DIV 23	
F-10	120 V	1	0.5 KVA	LE0B	62	2#12/1G,3/4"	BY DIV 23	
F-11	120 V	1	6.0 KVA	LEK	52,54,56	3#10/10G,3/4"	BY DIV 23	ROUTE THROUGH KITCHEN HOOD
F-12	120 V	1	0.7 KVA	LEK	50	2#12/1G,3/4"	BY DIV 23	
F-13	120 V	1	0.5 KVA	LE0B	67	2#12/1G,3/4"	BY DIV 23	
F-14	120 V	1	0.5 KVA	LEK	51	2#12/1G,3/4"	BY DIV 23	
F-15	120 V	1	0.5 KVA	LE3A	51	2#12/1G,3/4"	BY DIV 23	
F-16	120 V	1	0.5 KVA	LE1D	30	2#12/1G,3/4"	BY DIV 23	
F-17	120 V	1	0.5 KVA	LE1D	36	2#12/1G,3/4"	BY DIV 23	
F-18	120 V	1	0.5 KVA	L1C2	40	2#12/1G,3/4"	BY DIV 23	
F-19	120 V	1	0.5 KVA	L1C	37	2#12/1G,3/4"	BY DIV 23	
F-20	120 V	1	0.5 KVA	LE1A	45	2#12/1G,3/4"	BY DIV 23	
F-21	120 V	1	0.5 KVA	LE2A	35	2#12/1G,3/4"	BY DIV 23	
F-22	120 V	1	0.5 KVA	LE3A	52	2#12/1G,3/4"	BY DIV 23	
F-23	120 V	1	0.5 KVA	LE0B	59	2#12/1G,3/4"	BY DIV 23	
MAU-1	208 V	3	6.0 KVA	LEK	53,55,57	3#10/10G,3/4"	BY DIV 23	
OAU-0 RECEPTACLE	480 V	3	0.2 KVA	LE0B	79	3#12/1G,3/4"	BY DIV 23	ROUTE THROUGH KITCHEN HOOD
OAU-0 RELIEF FAN	480 V	3	5.0 KVA	HE0B	28,30	3#12/1G,3/4"	BY DIV 23	
OAU-0 SUPPLY FAN	480 V	3	6.3 KVA	HE0B	31,33,35	3#12/1G,3/4"	BY DIV 23	
OAU-0A ENTHALPY WHEEL	480 V	3	0.8 KVA	HE0A	18,20,22	3#12/1G,3/4"	BY DIV 23	
OAU-0B ENTHALPY WHEEL	480 V	3	0.2 KVA	LE3A	60	3#12/1G,3/4"	BY DIV 23	
OAU-0A RELIEF FAN	480 V	3	2.1 KVA	HE0A	13,15,17	3#12/1G,3/4"	BY DIV 23	
OAU-0A SUPPLY FAN	480 V	3	2.8 KVA	HE0A	12,14,16	3#12/1G,3/4"	BY DIV 23	
OAU-1AB ENTHALPY WHEEL	480 V	3	0.8 KVA	HE1A	44,46,48	3#12/1G,3/4"	BY DIV 23	
OAU-1AB RECEPTACLE	120 V	1	0.2 KVA	LE3A	59	3#12/1G,3/4"	BY DIV 23	
OAU-1AB SUPPLY FAN	480 V	3	6.3 KVA	HE1A	39,41,43	3#12/1G,3/4"	BY DIV 23	
OAU-1AB RELIEF FAN	480 V	3	9.1 KVA	HE1A	38,40,42	3#12/1G,3/4"	BY DIV 23	
OAU-1CD ENTHALPY WHEEL	480 V	3	0.8 KVA	HE1A	33,35,37	3#12/1G,3/4"	BY DIV 23	
OAU-1CD RECEPTACLE	120 V	1	0.2 KVA	LE3A	59	3#12/1G,3/4"	BY DIV 23	
OAU-1CD RELIEF FAN	480 V	3	3.9 KVA	HE1A	32,34,36	3#12/1G,3/4"	BY DIV 23	
OAU-1CD SUPPLY FAN	480 V	3	6.3 KVA	HE1A	27,29,31	3#12/1G,3/4"	BY DIV 23	
OAU-1EF ENTHALPY WHEEL	480 V	3	0.8 KVA	HE1A	26,28,30	3#12/1G,3/4"	BY DIV 23	
OAU-1EF RECEPTACLE	120 V	1	0.2 KVA	LE3A	60	3#12/1G,3/4"	BY DIV 23	
OAU-1EF RELIEF FAN	480 V	3	6.3 KVA	HE1A	21,23,25	3#12/1G,3/4"	BY DIV 23	
OAU-1EF SUPPLY FAN	480 V	3	9.1 KVA	HE1A	20,22,24	3#12/1G,3/4"	BY DIV 23	
OAU-2AB ENTHALPY WHEEL	480 V	3	0.8 KVA	HE2A	46,48,50	3#12/1G,3/4"	BY DIV 23	
OAU-2AB RECEPTACLE	120 V	1	0.2 KVA	LE3A	59	3#12/1G,3/4"	BY DIV 23	
OAU-2AB RELIEF FAN	480 V	3	6.3 KVA	HE2A	41,43,45	3#12/1G,3/4"	BY DIV 23	
OAU-2AB SUPPLY FAN	480 V	3	9.1 KVA	HE2A	40,42,44	3#12/1G,3/4"	BY DIV 23	
OAU-2CD ENTHALPY WHEEL	480 V	3	0.8 KVA	HE2A	35,37,39	3#12/1G,3/4"	BY DIV 23	
OAU-2CD RECEPTACLE	120 V	1	0.2 KVA	LE3A	60	3#12/1G,3/4"	BY DIV 23	
OAU-2CD RELIEF FAN	480 V	3	3.9 KVA	HE2A	34,36,38	3#12/1G,3/4"	BY DIV 23	
OAU-2CD SUPPLY FAN	480 V	3	6.3 KVA	HE2A	29,31,33	3#12/1G,3/4"	BY DIV 23	
OAU-2EF ENTHALPY WHEEL	480 V	3	0.8 KVA	HE2A	28,30,32	3#12/1G,3/4"	BY DIV 23	
OAU-2EF RELIEF FAN	480 V	3	6.3 KVA	HE2A	23,25,27	3#12/1G,3/4"	BY DIV 23	
OAU-2EF SUPPLY FAN	480 V	3	9.1 KVA	HE2A	22,24,26	3#12/1G,3/4"	BY DIV 23	
OAU-3AB ENTHALPY WHEEL	480 V	3	0.8 KVA	HE3A	45,51,53	3#12/1G,3/4"	BY DIV 23	
OAU-3AB RECEPTACLE	120 V	1	0.2 KVA	LE3A	59	3#12/1G,3/4"	BY DIV 23	
OAU-3AB RELIEF FAN	480 V	3	6.3 KVA	HE3A	44,46,48	3#12/1G,3/4"	BY DIV 23	
OAU-3AB SUPPLY FAN	480 V	3	9.1 KVA	HE3A	43,45,47	3#12/1G,3/4"	BY DIV 23	
OAU-3CD ENTHALPY WHEEL	480 V	3	0.8 KVA	HE3A	38,40,42	3#12/1G,3/4"	BY DIV 23	
OAU-3CD RECEPTACLE	120 V	1	0.2 KVA	LE3A	60	3#12/1G,3/4"	BY DIV 23	
OAU-3CD RELIEF FAN	480 V	3	3.9 KVA	HE3A	37,39,41	3#12/1G,3/4"	BY DIV 23	
OAU-3CD SUPPLY FAN	480 V	3	6.3 KVA	HE3A	32,34,36	3#12/1G,3/4"	BY DIV 23	
OAU-3EF ENTHALPY WHEEL	480 V	3	0.8 KVA	HE3A	31,33,35	3#12/1G,3/4"	BY DIV 23	
OAU-3EF RECEPTACLE	120 V	1	0.2 KVA	LE3A	60	3#12/1G,3/4"	BY DIV 23	
OAU-3EF RELIEF FAN	480 V	3	3.9 KVA	HE3A	26,28,30	3#12/1G,3/4"	BY DIV 23	
OAU-3EF SUPPLY FAN	480 V	3	9.1 KVA	HE3A	25,27,29	3#12/1G,3/4"	BY DIV 23	
RTU-0	480 V	3	6.3 KVA	HE0B	22,24,26	3#12/1G,3/4"	BY DIV 23	
RTU-1 ENTHALPY WHEEL	480 V	3	0.8 KVA	HC1C	15,17,19	3#12/1G,3/4"	BY DIV 23	
RTU-1 EXHAUST FAN	480 V	3	6.3 KVA	HC1C	14,16,18	3#12/1G,3/4"	BY DIV 23	
RTU-2 ENTHALPY WHEEL	120 V	1	0.2 KVA	LE1D	48	2#12/1G,3/4"	BY DIV 23	
RTU-1 SUPPLY FAN	480 V	3	17.5 KVA	HC1C	9,11,13	3#8/10G,3/4"	BY DIV 23	
RTU-2 EXHAUST FAN	480 V	3	3.9 KVA	HE1D	9,11,13	3#12/1G,3/4"	BY DIV 23	
RTU-2 RECEPTACLE	120 V	1	0.2 KVA	LE1D	48	2#12/1G,3/4"	BY DIV 23	
RTU-3 ENTHALPY WHEEL	480 V	3	11.6 KVA	HC1E	8,10,12	3#12/1G,3/4"	BY DIV 23	
RTU-3 SUPPLY FAN	480 V	3	0.8 KVA	HC1C	26,28,30	3#12/1G,3/4"	BY DIV 23	
RTU-3 EXHAUST FAN	480 V	3	11.6 KVA	HC1C	21,23,25	3#12/1G,3/4"	BY DIV 23	
RTU-3 SUPPLY FAN	480 V	3	17.5 KVA	HC1C	20,22,24	3#6/10G,3/4"	BY DIV 23	
RTU-4 EXHAUST FAN	480 V	3	2.8 KVA	HE3A	55,57,59	3#12/1G,3/4"	BY DIV 23	
RTU-4 SUPPLY FAN	480 V	3	6.3 KVA	HE3A	50,52,54	3#12/1G,3/4"	BY DIV 23	
RTU-5	480 V	3	0.5 KVA	HEK	1,3,5	3#12/1G,3/4"	BY DIV 23	
RTU-5 RECEPTACLE	120 V	1	0.2 KVA	LE3A	60	3#12/1G,3/4"	BY DIV 23	
SEF-0A	480 V	3	11.6 KVA	HS0A	13,15,17	3#12/1G,3/4"	BY DIV 23	
SEF-1A	480 V	3	17.5 KVA	HS1A	26,28,30	3#12/1G,3/4"	BY DIV 23	
SEF-1B	480 V	3	17.5 KVA	HS1A	31,33,35	3#12/1G,3/4"	BY DIV 23	
SEF-1C	480 V	3	11.6 KVA	HS1A	25,27,29	3#12/1G,3/4"	BY DIV 23	
SEF-1D	480 V	3	11.6 KVA	HS1A	20,22,24	3#12/1G,3/4"	BY DIV 23	
SEF-1E	480 V	3	17.5 KVA	HS1A	2,4,6	3#12/1G,3/4"	BY DIV 23	
SEF-1F	480 V	3	17.5 KVA	HS1A	7,9,11	3#12/1G,3/4"	BY DIV 23	
SEF-2A	480 V	3	17.5 KVA	HS2A	25,27,29	3#12/1G,3/4"	BY DIV 23	
SEF-2B	480 V	3	17.5 KVA	HS2A	26,28,30	3#12/1G,3/4"	BY DIV 23	
SEF-2C	480 V	3	11.6 KVA	HS2A	20,22,24	3#12/1G,3/4"	BY DIV 23	
SEF-2D	480 V	3	11.6 KVA	HS2A	19,21,23	3#12/1G,3/4"	BY DIV 23	
SEF-2E	480 V	3	17.5 KVA	HS2A	1,3,5	3#12/1G,3/4"	BY DIV 23	
SEF-2F	480 V	3	17.5 KVA	HS2A	2,4,6	3#12/1G,3/4"	BY DIV 23	
SEF-3A	480 V	3	17.5 KVA	HS3A	26,28,30	3#12/1G,3/4"	BY DIV 23	
SEF-3B	480 V	3	17.5 KVA	HS3A	31,33,35	3#12/1G,3/4"	BY DIV 23	
SEF-3C	480 V	3	11.6 KVA	HS3A	25,27,29	3#12/1G,3/4"	BY DIV 23	
SEF-3D	480 V	3	11.6 KVA	HS3A	20,22,24	3#12/1G,3/4"	BY DIV 23	
SEF-3E	480 V	3	17.5 KVA	HS3A	14,16,18	3#12/1G,3/4"	BY DIV 23	
SEF-3F	480 V	3	22.4 KVA	HS3A	7,9,11	3#10/10G,3/4"	BY DIV 23	
SEF-4	480 V	3	11.6 KVA	HS0B	1,3,5	3#12/1G,3/4"	BY DIV 23	
SEF-5	480 V	3	17.5 KVA	HS0B	2,4,6	3#12/1G,3/4"	BY DIV 23	
SEF-6	480 V	3	9.1 KVA	HS1A	38,40,42	3#12/1G,3/4"	BY DIV 23	
SEF-7	480 V	3	9.1 KVA	HS2A	37,39,41	3#12/1G,3/4"	BY DIV 23	
SEF-8	480 V	3	9.1 KVA	HS3A	38,40,42	3#12/1G,3/4"	BY DIV 23	
SEF-9	480 V	3	3.9 KVA	HS0B	13,15,17	3#12/1G,3/4"	BY DIV 23	
SEF-10	480 V	3	1.5 KVA	HS0B	19,15,23	3#12/1G,3/4"	BY DIV 23	
SEF-0A	480 V	3	9.1 KVA	HS0A	14,16,18	3#12/1G,3/4"	BY DIV 23	
SS-1A	480 V	3	11.6 KVA	HS1A	32,34,36	3#10/10G,3/4"	BY DIV 23	
SS-1B	480 V	3	11.6 KVA	HS1A	37,39,41	3#10/10G,3/4"	BY DIV 23	
SS-1E	480 V	3	6.3 KVA	HS1A	42,44,46	3#10/10G,3/4"	BY DIV 23	
SS-1D	480 V	3	6.3 KVA	HS1A	41,43,45	3#10/10G,3/4"	BY DIV 23	
SS-1F	480 V	3	11.6 KVA	HS2A	13,15,17	3#10/10G,3/4"	BY DIV 23	
SS-2A	480 V	3	11.6 KVA	HS2A	32,34,36	3#10/10G,3/4"	BY DIV 23	
SS-2B	480 V	3	11.6 KVA	HS2A	31,33,35	3#10/10G,3/4"	BY DIV 23	
SS-2C	480 V	3	6.3 KVA	HS2A	44,46,48	3#12/1G,3/4"	BY DIV 23	
SS-2D	480 V	3	6.3 KVA	HS2A	43,45,47	3#12/1G,3/4"	BY DIV 23	
SS-2E	480 V	3	11.6 KVA	HS2A	7,9,11	3#10/10G,3/4"	BY DIV 23	
SS-2F	480 V	3						



## ROOF PLAN - ELECTRICAL

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PANELBOARD SCHEDULE										HS2A		LOCATION: ELEC S204		FED FROM: HS0A		
400 AMP MCB			480Y/277V		3 PH 4 W		MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 65 KAIC							
CKT	BRKR	POLE	LOAD		A		B		C		LOAD		POLE		BRKR	CKT
1					5.8		5.8									2
3	50 A	3	SEF-2E (L)				5.8		5.8		SEF-2F (L)		3		50 A	4
5									5.8		5.8					6
7					3.9		3.9									8
9	30 A	3	SSF-2E (L)				3.9		3.9		SSF-2F (L)		3		30 A	10
11									3.9		3.9					12
13	15 A	3	SSF-2D (L)		2.1		2.1				SSF-2C		3		15 A	14
15									2.1		2.1					16
17					3.9		3.9									18
19	30 A	3	SEF-2D (L)				3.9		3.9		SEF-2C		3		30 A	20
21									3.9		3.9					22
23					5.8		5.8									24
25	50 A	3	SEF-2A (L)				5.8		5.8		SEF-2B (L)		3		50 A	26
27									5.8		5.8					28
29					3.9		3.9									30
31	30 A	3	SSF-2B (L)				3.9		3.9		SSF-2A (L)		3		30 A	32
33									3.9		3.9					34
35					3.9											36
37	20 A	3	SEF-7 (L)		3.0											38
39							3.0									40
41									3.0							42
43																44
45																46
47																48
49																50
51																52
53																54
55																56
57																58
59																60
					54 kVA		54 kVA		54 kVA							
					194 A		194 A		194 A							
(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.15 DED. NEUTRAL. (GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8 DED. NEUTRAL. (L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING. (LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X. (ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.																
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals							
INTERIOR LIGHTING			0 VA		0.00%		0 VA		Total Conn. Load: 161.4 kVA Total Est. Demand: 161.4 kVA Total Conn. Current: 194 A Total Est. Demand... 194 A							
EXTERIOR LIGHTING			0 VA		0.00%		0 VA									
RECEPTACLES			0 VA		0.00%		0 VA									
AC / HEAT PUMP			0 VA		0.00%		0 VA									
HVAC			161420 VA		100.00%		161420 VA									
KITCHEN			0 VA		0.00%		0 VA									
MISCELLANEOUS			0 VA		0.00%		0 VA									

PANELBOARD SCHEDULE						HS3A		LOCATION: ELEC-1		FED FROM: HS0A				
400 AMP MCB			480Y/277V		3 PH 4 W		MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 65 KAIC					
CKT	BRKR	POLE	LOAD			A	B	C	LOAD		POLE	BRKR	CKT	
1						3.4	7.5						2	
3	30 A	3	TS-3A				2.7	7.5		SEF-3E (L)	3	60 A	4	
5									1.8	7.5			6	
7						7.5	5.8						8	
9	60 A	3	SEF-3F (L)				7.5	5.8		SSF-3E (L)	3	50 A	10	
11									7.5	5.8			12	
13						5.8	2.1						14	
15	50 A	3	SSF-3F (L)				5.8	2.1		SSF-3D (L)	3	30 A	16	
17									5.8	2.1			18	
19						2.1	3.9						20	
21	30 A	3	SSF-3C (L)				2.1	3.9		SEF-3D (L)	3	30 A	22	
23									2.1	3.9			24	
25						3.9	5.8						26	
27	30 A	3	SEF-3C (L)				3.9	5.8		SEF-3A (L)	3	50 A	28	
29									3.9	5.8			30	
31						5.8	3.9						32	
33	50 A	3	SEF-3B (L)				5.8	3.9		SSF-3A (L)	3	30 A	34	
35									5.8	3.9			36	
37						3.9	3.0						38	
39	30 A	3	SSF-3B (L)				3.9	3.0		SEF-8 (L)	3	20 A	40	
41									3.9	3.0			42	
43	20 A	1	SPARE			0.0	0.0					1	20 A	44
45	20 A	1	SPARE				0.0	0.0				1	20 A	46
47	20 A	1	SPARE					0.0	0.0			1	20 A	48
49	20 A	1	SPARE			0.0	0.0					1	20 A	50
51	20 A	1	SPARE					0.0	0.0			1	20 A	52
53	20 A	1	SPARE						0.0	0.0		1	20 A	54
55	20 A	1	SPARE			0.0	0.0					1	20 A	56
57	20 A	1	SPARE									1	20 A	58
59	20 A	1	SPARE									1	20 A	60
						64 kVA	64 kVA	63 kVA						
						233 A	231 A	227 A						
(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.15 DED. NEUTRAL. (GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8 DED. NEUTRAL. (L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING. (LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X. (ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.														
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals					
INTERIOR LIGHTING			0 VA		0.00%		0 VA							
EXTERIOR LIGHTING			0 VA		0.00%		0 VA		Total Conn. Load: 190.9 kVA					
RECEPTACLES			0 VA		0.00%		0 VA		Total Est. Demand: 190.9 kVA					
AC / HEAT PUMP			0 VA		0.00%		0 VA		Total Conn. Current: 230 A					
HVAC			190935 VA		100.00%		190935 VA		Total Est. Demand... 230 A					
KITCHEN			0 VA		0.00%		0 VA							
MISCELLANEOUS			0 VA		0.00%		0 VA							

PANELBOARD SCHEDULE HS0A						LOCATION: Space 1052F		FED FROM: ATS-S					
1000 AMP MCB		480Y/277V		3 PH 4 W		MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 65 KAIC					
CKT	BRKR	POLE	LOAD			A	B	C	LOAD		POLE	BRKR	CKT
1						59.2	53.8						2
3	400 A	3	HS1A (L)				60.2	53.8		HS2A (L)	3	400 A	4
5								59.5	53.8				6
7						64.4	18.7						8
9	400 A	3	HS3A (L)				63.7	18.7		HS0B (L)	3	225 A	10
11								62.8	18.7				12
13						3.9	3.0						14
15	30 A	3	SEF-0A (L)				3.9	3.0		SSF-0A (L)	3	15 A	16
17								3.9	3.0				18
19	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	20
21	20 A	1	SPARE				0.0	0.0		SPARE	1	20 A	22
23	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	24
25	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	26
27	20 A	1	SPARE				0.0	0.0		SPARE	1	20 A	28
29	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	30
31	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	32
33	20 A	1	SPARE				0.0	0.0		SPARE	1	20 A	34
35	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	36
37	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	38
39	20 A	1	SPARE				0.0	0.0		SPARE	1	20 A	40
41	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	42
						203 kVA	203 kVA	202 kVA					
						734 A	735 A	728 A					
(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6.50mA PER NEC 427.15 DED. NEUTRAL.													
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4.0mA PER NEC 210.8, DED. NEUTRAL.													
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.													
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.													
(MC) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.													
Load Classification			Connected Load	Demand Factor	Estimated Demand	Panel Totals							
INTERIOR LIGHTING			0 VA	0.00%	0 VA	Total Conn. Load: 608.1 kVA Total Est. Demand: 508.1 kVA Total Conn. Current: 731 A Total Est. Demand... 731 A							
EXTERIOR LIGHTING			0 VA	0.00%	0 VA								
RECEPTACLES			0 VA	0.00%	0 VA								
AC HEAT PUMP			0 VA	0.00%	0 VA								
HVAC			608054 VA	100.00%	608054 VA								
KITCHEN			0 VA	0.00%	0 VA								
MISCELLANEOUS			0 VA	0.00%	0 VA								

**Potential Change Order  
No. 054  
Scope of Work**

Project Name	Arch Project No.	Date
<b>Hamblen County Justice Center</b>	<b>590418</b>	<b>5/8/2023</b>
Subject	Specification No.	Drawing No.
<b>RFI-281 Precast Caps top of CMU enclosures</b>	<b>NA</b>	<b>A10.1</b>

Attention	Created By
<b>Blaine Prine, Blaine Construction Corporation</b>	<b>Linda Briggs</b>

This is not a change order nor a directive to proceed with the work described herein. Please submit with the form below an itemized material cost and time proposal for the changes in the contract sum and contract time for the following proposed modification(s) to the contract:

**Description:** Please refer to drawing A10.1 showing detail for capping the top of the CMU enclosures in the rec yards. This is in response to RFI-218. Please provide proposal to furnish and install

**Receipt of your proposal is requested by: May 23, 2023**

**Proposal**

In response to the request above, the Contractor proposes to perform the changes described for an increase / decrease in the contract sum in the amount of \$ 8,586.00 and increase / decrease in the contract time of 0 calendar days.

A detailed breakdown of labor and material costs is attached hereto which includes all costs and time associated with the proposed change(s).

Signed:  Date: 6-7-23

Encl.: As Stated

Cc w/encl.:

Linda Briggs  
Construction Services Division

BLAINE CONSTRUCTION CORPORATION Pending Change Order (PCO) Breakdown Form						ADD CHANGE REQUEST			
HAMBLÉN COUNTY JUSTICE CENTER MORRISTOWN, TN						BCC Job No. 85164 Moseley Job No. 590418 DATE: 6/7/2023 REVISION: 0			
PCO- 054 - ADD PRECAST CAPS AND CAULKING AT NINE (9) LOCATIONS AT THE UPPER AREAS OF THE RECREATION AREAS.						Quoted By: BLAINE PRINE			
SUMMARY OF WORK:									
PER MOSELEY PCO-054 - ADD PRECAST CAPS AND CAULKING AT NINE (9) LOCATIONS AT THE UPPER AREAS OF THE RECREATION AREAS.									
ITEM	DESCRIPTION	QTY	UNIT	LABOR		EQUIPMENT/MATERIAL		SUBCONTR.	TOTAL
				U.P.	TOTAL	U.P.	TOTAL	TOTAL	
1	PRECAST SUBCONTRACTOR COST TO FORM, PLACE, STRIP AND FREIGHT INCLUDED TO DELIVER 9 PRECAST CAPS TO SITE	9.0	EACH	-	-	-	-	-	-
2	MASONRY SUBCONTRACTOR LABOR TO INSTALL PRECAST CAPS	9.0	EACH	-	-	-	-	4,275.00	4,275.00
3	MISCELLANEOUS HARDWARE FOR PINNING/SETTING IN PLACE	9.00	EACH	-	-	50.00	450.00	2,277.00	2,277.00
4	CAULKING AT EACH LOCATION (BETWEEN PRECAST WALL AND CAPS	9.0	EACH	-	-	-	-	-	450.00
								1,000.00	1,000.00
NOTES:									
1. N/A									
2. N/A									
					-		-	-	-
SUB-TOTALS ALL WORK					-		450.00	7,552.00	8,002.00
	Material Tax & Equipment Surcharge						43.88		43.88
	Labor Burden @ 42% Labor Totals				-				-
	OH & Profit @ 15% BCC Totals				-		74.08		74.08
	OH & Profit Subs @ 5%:							377.60	378
	Builders Risk Insurance @ 0.2%								16
	Payment & Performance Bonds @ 0.85%								72
TOTAL COST								\$	8,586

**From:** [David James Jr](#)  
**To:** [Blaine Prine](#)  
**Cc:** [David James III](#); [Wesley Drye](#); [Jeff Sutherland](#); [Steve Jones](#)  
**Subject:** [-EXTERNAL-] RE: Hamblen - 9 precast caps - COR# 7 -- PCO # 054  
**Date:** Tuesday, May 23, 2023 3:24:41 PM  
**Attachments:** [image001.png](#)

---

PCO #054

For 9ea caps at the column enclosures at the rec yards.

Add \$4,275.00

FOB Jobsite

Material Only

Customer Unload

Caps will weigh approx. 175 lbs per pcs

Your mason should set these.

Please consider this our COR# 7.

Thanks,

Sandy

Sincerely,

David M. James, Jr.

(Sandy)



P.O. Box 747 | Opelika, AL 36803

1511 Old Columbus Road | Opelika, AL 36804

Telephone: 334-745-3571 | Fax: 334-749-5722

[djamesjr@castonecorp.com](mailto:djamesjr@castonecorp.com)

---

**From:** Blaine Prine <[bprine@blaineconstruction.com](mailto:bprine@blaineconstruction.com)>

**Sent:** Tuesday, May 23, 2023 1:06 PM

**To:** David James Jr <[djamesjr@castonecorp.com](mailto:djamesjr@castonecorp.com)>

**Cc:** David James III <[davo37@castonecorp.com](mailto:davo37@castonecorp.com)>; Wesley Drye <[wesley@southeasterncontractinginc.com](mailto:wesley@southeasterncontractinginc.com)>; Jeff Sutherland <[jsutherland@blaineconstruction.com](mailto:jsutherland@blaineconstruction.com)>; Steve Jones <[sjones@blaineconstruction.com](mailto:sjones@blaineconstruction.com)>

**Subject:** FW: Hamblen - 9 precast caps

Sandy – sorry; messed up you email address first time. Please see below and attached.

Thanks,  
Blaine

---

**From:** Blaine Prine

**Sent:** Tuesday, May 23, 2023 2:01 PM

**To:** 'djames@castonecorp.com' <[djames@castonecorp.com](mailto:djames@castonecorp.com)>; David James III  
<[davo37@castonecorp.com](mailto:davo37@castonecorp.com)>; Wesley Drye <[wesley@southeasterncontractinginc.com](mailto:wesley@southeasterncontractinginc.com)>

**Cc:** Jeff Sutherland <[jsutherland@blaineconstruction.com](mailto:jsutherland@blaineconstruction.com)>; Steve Jones  
<[sjones@blaineconstruction.com](mailto:sjones@blaineconstruction.com)>; Rich Hogan <[rhogan@southeasterncontractinginc.com](mailto:rhogan@southeasterncontractinginc.com)>

**Subject:** Hamblen - 9 precast caps

Hi Sandy – Can you please take a look at the attached and provide a cost proposal to furnish and install the 9 noted precast cap pieces to cover the column enclosures at the upper level of the rec yards?

Please advise as to what the weight of these may be, as I've got our mason in copy and it may be more practical for you all to furnish / deliver and let the mason's install.

Thanks,  
Blaine

**Charlotte Office**

6220 Hudspeth Road  
Harrisburg, NC 28075



**Virginia Office**

1520 N Main St., Suite 201  
Blacksburg, VA 24060

## Change Order Request

**028 — Hamblen County Justice  
Center**

**COR Subject: Labor costs to set added precast at upper level rec  
yards**

**To**                      **Blaine Prine**  
                             **Blaine Construction**

**COR Number: 028-10**  
**COR Revision Number: 0**  
COR Date: 5/25/2023  
Work Type: Price / Proceed  
Days Valid: 5

**Return To**    **Wesley Drye**  
                     **Southeastern Contracting Inc**  
                     **704-886-8215**  
                     **wesley@southeasterncontractinginc.com**

### Scope Of Work / Time Extension Request

Labor cost for added precast at rec yards upper levels.

### Summary

**Total:                      \$2,277.00**

### Reservation of Rights

This COR does not include any amount for impacts such as interference, disruptions, rescheduling, changes in the sequence of work, delays and/or associated acceleration. We expressly reserve the right to submit our request for any of these items.

**Signed By:**



**Wesley Drye**  
**Project Manager**

**Dated: 5/25/2023**

## Exhibit C

### CHANGE ORDER REQUEST COVER SHEET

TO: Blaine Construction Corporation

FROM: Wesley Drye  
Southeastern Contracting, Inc.  
6220 Hudspeth Rd  
Harrisburg, NC 28075  
704-886-8215

ATTN: Blaine Prine

**PROJECT: Hamblen County Jail**

COR NO: 10

REF. BULLETIN NO:

DATE: 5/25/2023

Description:

Added cost for Labor to set precast caps at column enclosures upper levels of rec yards

THE FOLLOWING IS A SUMMARY OF THE CHARGES ASSOCIATED WITH THIS CHANGE ORDER REQUEST AND IS ACCOMPANIED BY DETAILED BACKUP INFORMATION.

1.	Products (itemized breakdown attached):		\$	-
2.	Rent of Equipment (list separately):		\$	-
	A. TOTAL of #1 + #2:		\$	-
3.	Labor (itemized breakdown attached):		\$	1,523.08
4.	Insurance (Payroll Tax and Insurance Rate):	30%	\$	456.92
	B. TOTAL of A + #3 + #4:		\$	1,980.00
5.	Overhead and Profit	15%	\$	297.00
	C. TOTAL of B + #5:		\$	2,277.00
6.	Sales tax on Material (Line A)	9.75%	\$	-
	D. TOTAL of C + #6:		\$	2,277.00
7.	Subcontracted Work (provide Subcontractor Name and cost on Subcontractor COR Sheet)		\$	-
	E. SUBTOTAL OF SUBCONTRACTOR WORK:		\$	-
8.	Overhead & Profit on Subcontractors:	15%	\$	-
	F. TOTAL of E + #8:		\$	-
	G. TOTAL of D + F:		\$	2,277.00
9.	Performance / Payment Bond:	0.0%	\$	-
	TOTAL AMOUNT FOR CHANGE ORDER REQUEST (G + 9):		\$	2,277.00

*WD* sub initial

Southeastern Contracting, Inc.  
Hamblen County Jail  
description  
5/25/2023

Materials

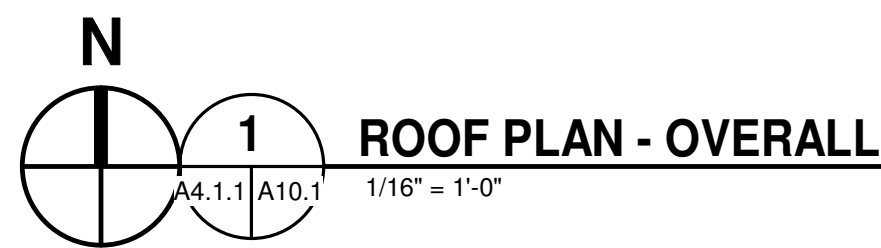
0 CMU added		\$	-
Brick added		\$	-
0.00 cu yds grout		\$	-
bags mortar		\$	-
tons sand		\$	-
Sales Tax	9.75%	\$	-
<b>TOTAL</b>		<b>\$</b>	<b>-</b>

Equipment

0 hrs forklift		\$	-
0 hrs mixer		\$	-
0 hrs saw		\$	-
0 hrs scaffold		\$	-
0 hrs grout pump		\$	-
<b>TOTAL</b>		<b>\$</b>	<b>-</b>

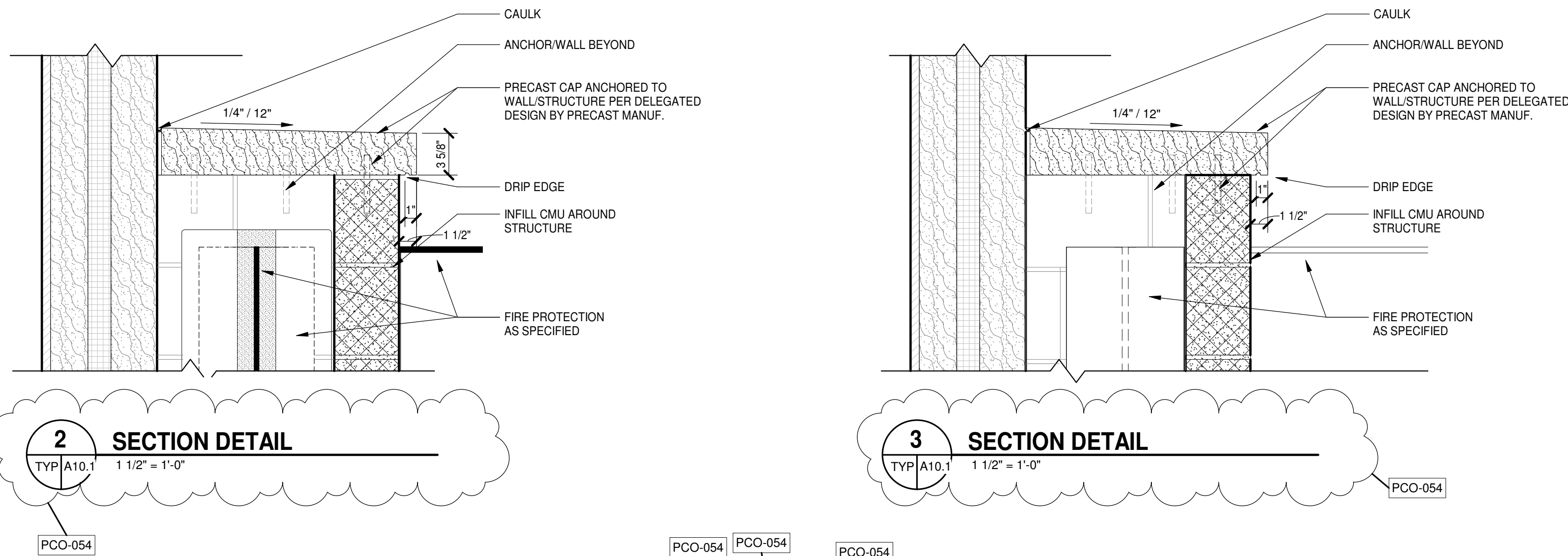
Labor

0 hrs Superintendent	\$	70	\$	-
0 hrs Foreman	\$	65	\$	-
19 hrs Mason	\$	60	\$	1,140.00
21 hrs Laborer	\$	40	\$	840.00
<b>TOTAL</b>			<b>\$</b>	<b>1,980.00</b>



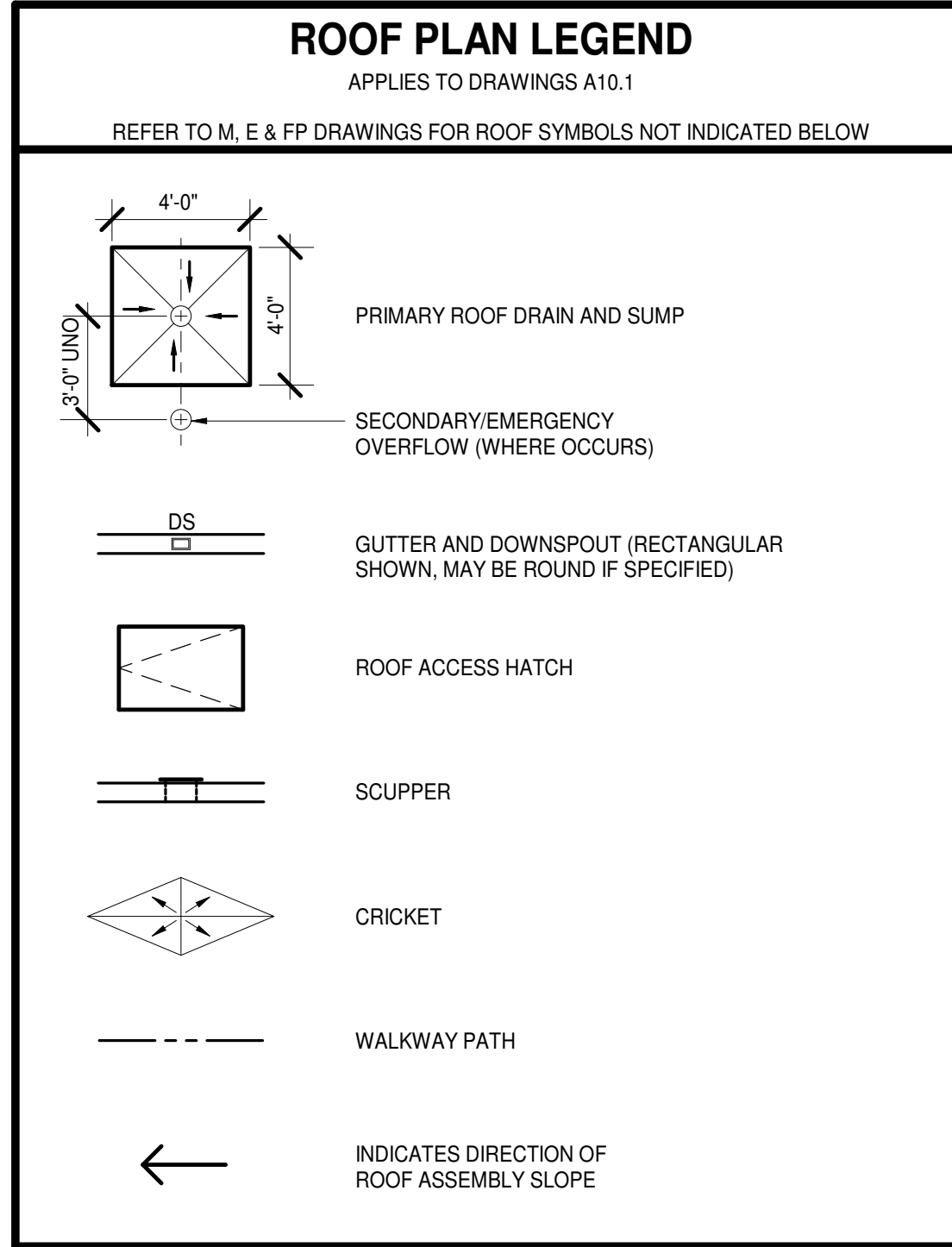
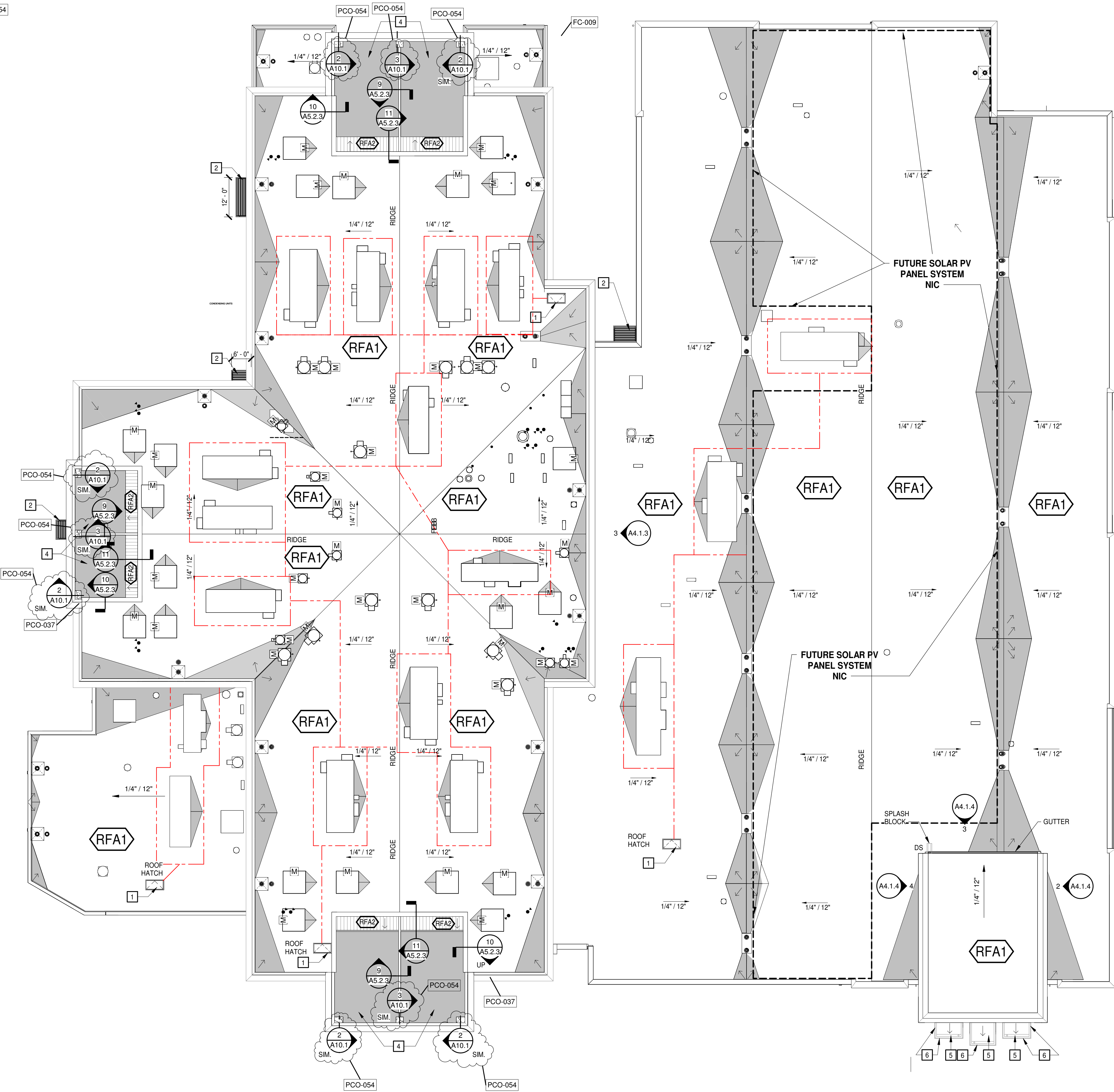
1 ROOF PLAN - OVERALL

1/16" = 1'-0"



2 SECTION DETAIL

3 SECTION DETAIL



ROOF PLAN GENERAL NOTES

- ALL ROOF ASSEMBLIES: RFA1, UNO.
- ROOF PLAN DOES NOT INDICATE ALL EQUIPMENT AND PENETRATIONS. REFER TO OTHER DISCIPLINE'S DRAWINGS FOR QUANTITIES AND LOCATIONS OF ROOFTOP EQUIPMENT AND ASSOCIATED PENETRATIONS.
- COORDINATE LOCATION AND SIZE OF ROOF OPENINGS AND ASSOCIATED PENETRATIONS WITH STRUCTURE.
- ROOF DETAILS MAY NOT ENTIRELY REPRESENT ACTUAL CONSTRUCTION CONDITIONS. ACTUAL DETAIL ASSEMBLIES SHALL BE APPROVED BY ROOFING MANUFACTURER.
- ROOF PLAN DOES NOT INDICATE ALL ROOFING DETAILS (INCLUDING BUT NOT LIMITED TO ROOF DRAINS, VTR, CURBS, EXPANSION JOINTS, ROOF HATCHES). PROVIDE MFR'S DETAILS AS REQUIRED TO SUIT SPECIFIC APPLICATION AND SPECIFICATIONS.
- PROVIDE CRICKETS AT DRAINS, WALLS, CURBS, MECHANICAL EQUIPMENT, AND OTHER OBSTRUCTIONS SUCH THAT 1/4" PER FOOT MINIMUM POSITIVE DRAINAGE SLOPE IS MAINTAINED AT ALL SUCH AREAS.
- PROVIDE DOUBLE-LAYER OF MEMBRANE ROOFING MATERIAL UNDER SPLASH BLOCKS.
- CENTER ALL PENETRATIONS BETWEEN RIBS OF METAL ROOFING. PIPING, DUCTWORK AND CURBS SHALL BE OFFSET AS REQUIRED TO ACHIEVE PENETRATIONS CENTERED BETWEEN RIBS.
- COORDINATE WITH DIVISION 26 FOR LIGHTNING PROTECTION SYSTEM.

ROOF PLAN KEYNOTES

APPLIES TO DRAWINGS A10.1  
REPRESENTED BY

- 30" x 60" ACCESS DOOR
- PREFABRICATED PROTECTIVE COVER, REFER TO DETAIL 5/A5.2.7
- NOT USED
- SECURITY BARRIER MESH
- ARCHITECTURAL PROTECTIVE ENTRY COVER WITH INTEGRAL ROOF DRAIN AND GUTTER, REFER TO SHEET A5.2.7
- EXTENT OF BIRD CONTROL DEVICE PER SPECIFICATION 108113

ROOF ASSEMBLIES			
APPLIES TO A10.1, UNO REPRESENTED BY			
MARK	FIRE RATED ASSEMBLY (REFER TO LSC-0 FOR LEGEND)	REMARKS	INFORMATION
RFA1			ROOF ASSEMBLIES ARE SHOWN DIAGRAMMATICALLY. REFER TO SPECS FOR REQUIRED R-VALUE AND MATERIAL THICKNESS. 
RFA2			

Proposal No.: 059

Project: Hamblen County Justice Center

Project No.: 590418

Contractor: Blaine Construction Attn: Blaine Prine

Date: 6/14/2022

PLEASE SUBMIT WITH THE FORM BELOW AN ITEMIZED MATERIAL COST AND TIME PROPOSAL FOR THE CHANGES IN THE CONTRACT SUM AND CONTRACT TIME FOR THE FOLLOWING PROPOSED MODIFICATION(S) TO THE CONTRACT:

Receipt of Your Proposal Is Requested By: 6/28/2023

## SCOPE OF WORK:

Contractor to provide proposal for final reconciliation for added materials for micripiles not covered under previous PCOs #23 and 27 which have already been accepted and placed in CO #s 5 and 6. Any requested added days will be included in PCO-051 proposal.

THIS IS NEITHER A CHANGE ORDER NOR A DIRECTIVE TO PROCEED WITH THE WORK DESCRIBED HEREIN.

SIGNED : \_\_\_\_\_  
A/E Construction Services Representative

## PROPOSAL:

In response to the request above, the Contractor proposes to perform the changes described for an increase / decrease in the Contract Sum in the amount of \$ 31,835.00 and increase / decrease in the Contract Time of 0 calendar days.

A detailed breakdown of labor and material costs is attached hereto which includes all costs and time associated with the proposed change(s).

SIGNED : \_\_\_\_\_

DATE : 6/16/23

BLAINE CONSTRUCTION CORPORATION Pending Change Order (PCO) Breakdown Form						ADD CHANGE REQUEST				
<div>HAMBLEN COUNTY JUSTICE CENTER MORRISTOWN, TN</div> <div>059 - FINAL MICROPILE CHANGE ORDER, INCLUDING FINAL RECONCILED PCO- QUANTITIES, DIRECT COSTS ONLY FOR ABANDONED MICROPILES PER SPECIFICATION 316333, SECTION 1.8.A.</div>						<div>BCC Job No. 85164 Moseley Job No. 590418 DATE: 6/19/2023 REVISION: 0</div> <div>Quoted By: BLAINE PRINE</div>				
SUMMARY OF WORK: PER MOSELEY PCO-059 - FINAL MICROPILE CHANGE ORDER, INCLUDING FINAL RECONCILED QUANTITIES, DIRECT COSTS ONLY FOR ABANDONED MICROPILES PER SPECIFICATION 316333, SECTION 1.8.A.										
ITEM	DESCRIPTION	QTY	UNIT	LABOR		EQUIPMENT/MATERIAL		SUBCONTR.	TOTAL	ITEMS "1A" THROUGH "2D" ARE THE FINAL RECONCILIATION OF PREVIOUSLY ISSUED QUANTITY CHANGE ORDERS (CREDITED) AND THE FINAL LENGTH AND GROUT QUANTITIES INSTALLED ON THE PROJECT. THE FINAL MICROPILE LOG, ALONG WITH COPIES OF THESE CHANGE ORDERS #5 & #6, ARE INCLUDED AS EXHIBIT 2 TO THE ORIGINAL SUBMISSION OF THE PCO.
				U.P.	TOTAL	U.P.	TOTAL	TOTAL		
1A	CREDIT - PREVIOUSLY APPROVED CHANGE ORDER #5 AMOUNT, SINCE CURRENT TOTALS USED IN ITEMS "2A" THROUGH "2D" BELOW ARE CUMULATIVE. THIS LINE ITEM CREDIT INCLUDES THE "ROUND UP" AMOUNT OF \$5,217.23 IN PCO-023 OF THIS CHANGE ORDER.	1.0	LSUM	-	-	-	-	(140,000.00)	(140,000.00)	
1B	CREDIT - PREVIOUSLY APPROVED CHANGE ORDER #6 AMOUNT, SINCE FINAL TOTALS USED IN ITEMS "2A" THROUGH "2D" BELOW ARE CUMULATIVE. THIS LINE ITEM CREDIT INCLUDES THE "ROUND UP" AMOUNT OF \$2,393.00 IN PCO-027 OF THIS CHANGE ORDER. SEE NOTE 2 BELOW EXPLAINING THE CREDIT ADJUSTMENT FOR THE ADDED SEVEN (7) TYPE-3 TENSION MICROPILES.	1.0	LSUM	-	-	-	-	(115,000.00)	(115,000.00)	
2A	CREDIT - TYPE 1 MICROPILES - LENGTH UNDERRUN THROUGH MICROPILE COMPLETION. CONTRACT UNIT PRICE PER LINEAL FOOT OF TYPE 1 MICROPILE = \$47.33.	(579.0)	LSUM	-	-	-	-	(27,404.07)	(27,404.07)	
2B	ADD - TYPE 1 MICROPILES - GROUT OVERRUN THROUGH MICROPILE COMPLETION - SEE NOTE 3 BELOW. CONTRACT UNIT PRICE PER CUBIC FOOT OF MICROPILE GROUT = \$29.82.	1,460.92	CUFT	-	-	-	-	43,564.63	43,564.63	
2C	ADD - TYPE 2 MICROPILES - LENGTH OVERRUN THROUGH MICROPILE COMPLETION. CONTRACT UNIT PRICE PER LINEAL FOOT OF TYPE 2 MICROPILE = \$61.43.	2,025.1	LNFT	-	-	-	-	124,401.89	124,401.89	
2D	ADD - TYPE 2 MICROPILES - GROUT OVERRUN THROUGH MICROPILE COMPLETION. CONTRACT UNIT PRICE PER CUBIC FOOT OF MICROPILE GROUT = \$29.82	3,701.55	CUFT	-	-	-	-	110,380.22	110,380.22	
3	ADD - ADDITIONAL SUBCONTRACTOR COSTS ASSOCIATED WITH ABANDONED/GROUTED MICROPILES DUE TO SUBSURFACE OBSTRUCTIONS, PER SPECIFICATION 316333, SECTION 1.8.A.	1.0	LSUM	-	-	-	-	34,060.49	34,060.49	HIGHLIGHTED SPECIFICATION, SUBCONTRACTOR BACKUP AND RFI DOCUMENTATION ARE INCLUDED AS BACKUP DATA FOR THIS PCO.
4	ADD - COST IMPACTS ASSOCIATED WITH THE 11-WEEK SCHEDULE IMPACT ASSOCIATED WITH MICROPILE LENGTH AND GROUT OVERAGES. SEE PCO-051.R1.	11.0	WEEKS	-	-	-	-	-	-	SEE EXHIBIT 4 TO THIS IN ORIGINAL SUBMISSION FOR SUMMARY WEEKLY COST SHEET AND COST REPORT BACKUP.
NOTES:										
1. PREVIOUS MICROPILE CHANGE ORDERS #5 AND #6 NOTED THAT THOSE CHANGE ORDERS DID NOT INCLUDE BLAINE CONSTRUCTION CORPORATION'S EXTENDED GENERAL CONDITIONS COSTS FOR AN OVERALL EXTENDED PERFORMANCE PERIOD AND THAT A FOLLOW-ON CHANGE ORDER REQUEST WILL BE SUBMITTED WHEN FINAL QUANTITIES AND TIME IMPACTS CAN BE DETERMINED. REFERENCE BLAINE LETTER DATED JULY 26, 2022, WHICH IS INCLUDED AS PART OF EXHIBIT 1 TO THIS PCO, NOTING THAT BLAINE RESERVES ITS RIGHTS TO TIME AND COST AS NOTED IN THAT LETTER. THIS FINAL MICROPILE CHANGE ORDER NOW INCLUDES AN ADDITIONAL 11 WEEKS OF BLAINE CONSTRUCTION'S GENERAL CONDITIONS.										
2. PREVIOUS MICROPILE CHANGE ORDER QUANTITIES INCLUDED 330 LINEAL FEET OF INSTALLED TYPE 3 MICROPILES. SINCE THESE ADDED MICROPILES WERE INCLUDED IN WITH PCO-008 IN OWNER CHANGE ORDER #6, THESE QUANTITIES HAVE NOW BEEN DEDUCTED FROM THE FINAL MICROPILE TOTALS REFLECTED IN EXHIBIT 2.										
					-		-	-	-	
SUB-TOTALS ALL WORK					-		-	30,003.17	30,003.17	
Material Tax & Equipment Surcharge - INCLUDED IN WEEKLY COST CALCULATION							INC. ABOVE		INC. ABOVE	
Labor Burden @ 42% Labor Totals - INCLUDED IN WEEKLY COST CALCULATION					INC. ABOVE				INC. ABOVE	
OH & Profit @ 15% BCC Totals					-		-		-	
OH & Profit Subs @ 5%								1,500.16	1,500	
Builders Risk Insurance @ 0.2%									63	
Payment & Performance Bonds @ 0.85% - N/A TO UNIT PRICES									268	
TOTAL COST									\$	31,835

**EXHIBIT 3 - ADDITIONAL COSTS OF ABANDONED/GROUTED PILES DUE TO SUBSURFACE CONDITIONS**

HAMBLEN COUNTY JUSTICE CENTER  
MORRISTOWN, TENNESSEE  
Architect's Project No: 590418

**THIS EXHIBIT INCLUDES THE  
NOTED SPECIFICATION  
SECTION, SUBCONTRACTOR  
QUOTATION AND PERTINENT  
REQUEST FOR INFORMATION  
RESPONSES.**

1.5 ALLOWABLE TOLERANCES

- A. Centerline of piling shall not be more than 3 in. from indicated plan location.
- B. Pile-hole alignment shall be within 2% of design alignment.
- C. Top elevation of pile shall be within +1 in. to -2 in. of the design vertical elevation.
- D. Centerline of core reinforcement shall not be more than % in. from centerline of piling.

1.8 GROUND CONDITIONS

- A. The test borings as shown on the boring location plan and logs of borings as described in the Geotechnical Report are believed to be representative of the conditions likely to be encountered on the site, and are to be used as the basis for micropile design in conjunction with the appropriate levels of engineering judgment and experience.

If, during installation of a pile, an obstruction is encountered that prevents the practical advancement of the hole, the hole shall be abandoned and filled with grout. A new pile shall be drilled at a location to be determined by the Architect, although it must be acknowledged that in certain structures, relocation options may be severely limited, and further attempts at the original location with different methods may be required.

Costs of providing corrective actions due to encountering unanticipated subsurface obstructions, as determined by the Architect, will be paid as extra work.

1.9. REFERENCED CODES AND STANDARDS

The following publications form a part of this specification to the extent indicated by the specific citations in other paragraphs of this specification. In case of conflict, the particular requirements of this specification shall prevail. The latest publication as of the issue of this specification shall govern, unless indicated otherwise.

- A. American Society for Testing and Materials (ASTM)  
American Association of State Highway and Transportation Officials (AASHTO):

ASTM	AASHTO	Specification
A36 A572	M183 M223	Structural Steel
A82	M55	Cold-Drawn Steel for Concrete Reinforcement
A252	---	Welded and Seamless Steel Pipe Piles
A615	M31	Deformed and Plain Billet Steel Bars for Concrete Reinforcement
A722	M275	Uncoated High-Strength Steel Bar for Prestressing Concrete
A775	M282	Electrostatic Epoxy Coating
C33	M80	Concrete Aggregates
C109	T106	Compression Strength of Hydraulic Cement Mortar
C188	T133	Density of Hydraulic Cement
D3966	---	Standard Test Method for Piles Under Lateral Load
D1784	---	Polyvinyl Chloride (PVC) Pipe (Class 13464-B)
C144	M45	Aggregates for Masonry Mortar
C150	M85	Portland Cement
C494	M194	Chemical Admixtures for Concrete

January 24, 2023

Blaine Construction Corporation  
6510 Deane Hill Drive  
Knoxville, TN 37919

Attention: Blaine Prine, Project Manager  
bprine@blaineconstruction.com

Project Name: Hamblen County Justice Center  
Project Location: 440 N. Jackson Street, Morristown, TN 37814  
Project Number: #85-85164

Regarding: Unanticipated Subsurface Conditions resulting in abandoned piles

Mr. Prine:

Please let this letter serve as “**Written Notice**” of Redstone International, Inc.’s (hereinafter, “Redstone”) change request for additional time and costs due to unanticipated subsurface conditions resulting in abandoned piles.

Per the contract specifications, “If, during installation of a pile, an obstruction is encountered that prevents the practical advancement of the hole, the hole shall be abandoned and filled with grout. A new pile shall be drilled at a location to be determined by the Architect, although it must be acknowledged that in certain structures, relocation options may be severely limited, and further attempts at the original location with different methods may be required. Costs of providing corrective actions due to encountering unanticipated subsurface obstructions, as determined by the Architect, will be paid as extra work.”

Redstone is requesting compensation of \$31.19 per LF – based upon the contract price for type 2 piles, less the value of stored materials associated with the pile (materials not used).

Type 2 Piles	20,835.00	\$ 61.00	\$ 1,270,935.00
Less Starter Casing			\$ (245,300.71)
Less Plates			\$ (48,019.47)
Less MxF Casing			\$ (327,751.91)
Net	20,835.00	\$ 31.19	\$ 649,862.91

Redstone encountered 14 instances of abandoned piles 1,092 LF

<u>Pile #</u>	<u>RFI</u>	<u>Depth</u>
2-82	RFI 1	83.00
2-82	RFI 1.1	71.00
2-246	RFI 2	25.00
2-119	RFI 3	50.00
2-13	RFI 4	139.00
2-23	RFI 5	130.00
2-23	RFI 5 - hit casing	95.00
2-23	RFI 5.2	86.00
2-227	RFI 7	87.00
2-270	RFI 8	71.00
2-316	RFI 9	50.00
2-401	Blaine RFI	150.00
2-400	Blaine RFI	20.00
2-400	Blaine RFI	35.00
	Total LF	1,092.00

Thus, Redstone is requesting a change order in the amount of \$34,060.49.

Total LF	1,092.00
Price / LF	\$ 31.19
Total Amount	\$ 34,060.49

**PCO LINE ITEM #3 AMOUNT**

Please let me know if you have any questions.

Respectfully,  
**Redstone International, Inc.**

Terrance Cunningham  
 CFO

cc: *Michael Lockerman*

Moseley Architects | The Hub at Waverly, Suite 425 Charlotte, NC 28277

PROJECT: Hamblen County Justice Center 590418 DATE SENT: 4/11/2022

SUBJECT: RFI-071 - MICROPILE MP2-82 RELOCATION REQUEST RFI ID: 071

TYPE: RFI TRANSMITTAL ID: 00369

PURPOSE: Answered VIA: Info Exchange

QUESTION: Please see attached RFI requesting to relocate micropile MP2-82. In summary, after 83' of casing installation at this location we ran into difficulties progressing the casing further (this was late on 4-7-22), this morning we pulled/removed all the casing from the design location, except the 20' starter. We are requesting to relocate a new MP2-82 a minimum of 12 inches away from the design location. The location of this pile is also attached. Please advise if this is acceptable and if there is a preferred direction of relocation.

SUGGESTION:

ANSWER: GEOS takes no exception to moving MP2-82 a minimum of 12 inches from design location provided the move doesn't conflict with the structural modeling basis of Moseley Structural team. -TJD

Moseley Response: Grout abandoned hole as requested. Relocate 12" east. Try to maintain 12" dimensional offset.

FROM

NAME	COMPANY	EMAIL	PHONE
Linda Briggs	Moseley Architects	lbriggs@moseleyarchitects.com	(704) 540-3755 x2926

TO

NAME	COMPANY	EMAIL	PHONE
Blaine Prine	Blaine Construction Corporation	bprine@blaineconstruction.com	(865) 693-8900
Steve Jones	Blaine Construction Corporation	sjones@blaineconstruction.com	(865) 693-8900
Tony Pettit	BurWil Construction Company, Inc.	Tpettit@burwil.com	(865) 409-4825

DESCRIPTION OF CONTENTS

Moseley Architects | The Hub at Waverly, Suite 425 Charlotte, NC 28277

PROJECT: Hamblen County Justice Center 590418 DATE SENT: 5/4/2022

SUBJECT: RFI-085 - MICROPILE MP2-082 RFI ID: RFI-085

TYPE: RFI TRANSMITTAL ID: 00468

PURPOSE: Answered VIA: Info Exchange

QUESTION: Previous RFI-071 dealt with drilling issues and relocation of micropile MP2-082. During our drilling/casing of the relocated MP2-082, the drilling would not advance any further than approximately 71-feet. During observation of the cutting material, metal shavings were observed and we suspect that we have encountered the original/broken/abandoned casing for MP2-082. We are again requesting an offset and relocation of MP2-082. Would it be acceptable to introduce a slight batter to the relocated MP2-082, in efforts to ensure clearance of any further obstructions? A location map and drill log are attached.

SUGGESTION:

ANSWER: GEOS takes no exception to grouting and abandoning starter casing for MP2-246 and offsetting 2-3 feet to miss the abandoned casing. Pile can also be battered less than or equal to 5degrees away from the abandoned pile in all directions. -TJD

FROM

NAME	COMPANY	EMAIL	PHONE
Linda Briggs	Moseley Architects	lbriggs@moseleyarchite cts.com	(704) 540-3755 x2926

TO

NAME	COMPANY	EMAIL	PHONE
Blaine Prine	Blaine Construction Corporation	bprine@blaineconstructi on.com	(865) 693-8900
Billie Russell	BurWil Construction Company, Inc.	brussell@burwil.com	
Jaron Dowalter	BurWil Construction Company, Inc.	jdowalter@burwil.com	
Steve Jones	Blaine Construction	sjones@blaineconstructi on.com	(865) 693-8900

Moseley Architects | The Hub at Waverly, Suite 425 Charlotte, NC 28277

PROJECT: Hamblen County Justice Center 590418 DATE SENT: 5/4/2022

SUBJECT: RFI-084 - MICROPILE MP2-246 RFI ID: RFI-084

TYPE: RFI TRANSMITTAL ID: 00467

PURPOSE: Answered VIA: Info Exchange

QUESTION: During installation of micropile mp2-246, pinnacle rock was encountered at a depth of approximately 25-feet. We experienced difficulty drilling through the rock and pulled the tooling this morning to check it out. Upon removing tooling, the 10-foot starter casing was not able to be retrieved. We are requesting approval to grout and abandon the original starter casing for MP2-246 in place and offsetting for an alternate MP2-246 location. Map showing location and drilling log are attached.

SUGGESTION:

ANSWER: GEOS takes no exception to grouting and abandoning starter casing for MP2-246 and offsetting north or south to miss the abandoned casing. Pile can also be battered less than or equal to 5degrees away from the abandoned pile. -TJD

FROM

NAME	COMPANY	EMAIL	PHONE
Linda Briggs	Moseley Architects	lbriggs@moseleyarchitects.com	(704) 540-3755 x2926

TO

NAME	COMPANY	EMAIL	PHONE
Blaine Prine	Blaine Construction Corporation	bprine@blaineconstruction.com	(865) 693-8900
Billie Russell	BurWil Construction Company, Inc.	brussell@burwil.com	
Jaron Dowalter	BurWil Construction Company, Inc.	jdowalter@burwil.com	
Steve Jones	Blaine Construction Corporation	sjones@blaineconstruction.com	(865) 693-8900
Tony Pettit	BurWil Construction	Tpettit@burwil.com	(865) 409-4825

Moseley Architects | The Hub at Waverly, Suite 425 Charlotte, NC 28277

PROJECT: Hamblen County Justice Center 590418 DATE SENT: 5/4/2022

SUBJECT: RFI-086 - MP2-119 RELOCATION RFI ID: RFI-086

TYPE: RFI TRANSMITTAL ID: 00466

PURPOSE: Answered VIA: Info Exchange

QUESTION: Please see attached explanation as to why we request to relocate and re-drill micropile MP2-119. Also attached is a mapping of the location of this pile. Is a relocation of MP2-119 acceptable? **50 LF**

SUGGESTION:

ANSWER: GEOS takes no exception to grouting and abandoning starter casing for MP2-119 and offsetting a reasonable (2-3feet) north or east to miss the abandoned casing. Pile can also be battered less than or equal to 5degrees away from the abandoned pile in all directions as required. -TJD

FROM

NAME	COMPANY	EMAIL	PHONE
Linda Briggs	Moseley Architects	lbriggs@moseleyarchitects.com	(704) 540-3755 x2926

TO

NAME	COMPANY	EMAIL	PHONE
Blaine Prine	Blaine Construction Corporation	bprine@blaineconstruction.com	(865) 693-8900
Billie Russell	BurWil Construction Company, Inc.	brussell@burwil.com	
Jaron Dowalter	BurWil Construction Company, Inc.	jdowalter@burwil.com	
Steve Jones	Blaine Construction Corporation	sjones@blaineconstruction.com	(865) 693-8900
Tony Pettit	BurWil Construction Company, Inc.	Tpettit@burwil.com	(865) 409-4825

DESCRIPTION OF CONTENTS

QTY	DATED	TITLE	NUMBER	SCALE	SIZE
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Moseley Architects | The Hub at Waverly, Suite 425 Charlotte, NC 28277

PROJECT: Hamblen County Justice Center 590418 DATE SENT: 5/27/2022

SUBJECT: RFI-098 - MICROPILE MP2-013 RELOCATION REQUEST RFI ID: RFI-098

TYPE: RFI TRANSMITTAL ID: 00553

PURPOSE: Answered VIA: Info Exchange

QUESTION: Please see attached. During installation of micropile MP2-013, at a depth of approximately 139-feet, issues were encountered advancing the casing. Eventually, the casing was broken. This RFI is requesting permission to relocate MP2-013, grouting the abandoned hole and introducing a slight batter into the relocated MP2-013, in efforts to avoid the remnants of the abandoned casing.

SUGGESTION:

ANSWER: GEOS takes no exception to grouting and abandoning casing for MP2-013 and offsetting 2-3 feet to miss the abandoned casing. Pile can also be battered less than or equal to 5degrees (in any direction) away from the abandoned pile. -TJD

FROM

NAME	COMPANY	EMAIL	PHONE
Linda Briggs	Moseley Architects	lbriggs@moseleyarchitects.com	(704) 540-3755 x2926

TO

NAME	COMPANY	EMAIL	PHONE
Blaine Prine	Blaine Construction Corporation	bprine@blaineconstruction.com	(865) 693-8900
Billie Russell	BurWil Construction Company, Inc.	brussell@burwil.com	
Jaron Dowalter	BurWil Construction Company, Inc.	jdowalter@burwil.com	
Steve Jones	Blaine Construction Corporation	sjones@blaineconstruction.com	(865) 693-8900
Tony Pettit	BurWil	Tpettit@burwil.com	(865) 409-4825

Moseley Architects | The Hub at Waverly, Suite 425 Charlotte, NC 28277

PROJECT: Hamblen County Justice Center 590418 DATE SENT: 6/19/2022

SUBJECT: RFI-115 - REQUEST TO RELOCATE MICROPILE 2-227 RFI ID: RFI-115

TYPE: RFI TRANSMITTAL ID: 00644

PURPOSE: Answered VIA: Info Exchange

QUESTION: During installation of micropile MP2-227 the casing was broken at approximately 89' depth. In this RFI, we are requesting to grout the abandoned (original) hole, offset and install a new MP2-227 introducing no greater than a 5 degree batter to ensure we clear the remnants of the abandoned portion of the original casing. See attached for map of the location of MP2-227. Is this acceptable?

SUGGESTION:

ANSWER: GEOS takes no exceptions to the plan to offset and batter (no more than 5degrees) a replacement pile. -TJD 19 June 2022

FROM

NAME	COMPANY	EMAIL	PHONE
Linda Briggs	Moseley Architects	lbriggs@moseleyarchitects.com	(704) 540-3755 x2926

TO

NAME	COMPANY	EMAIL	PHONE
Blaine Prine	Blaine Construction Corporation	bprine@blaineconstruction.com	(865) 693-8900
Billie Russell	BurWil Construction Company, Inc.	brussell@burwil.com	
Jaron Dowalter	BurWil Construction Company, Inc.	jdowalter@burwil.com	
Steve Jones	Blaine Construction Corporation	sjones@blaineconstruction.com	(865) 693-8900
Tony Pettit	BurWil Construction Company, Inc.	Tpettit@burwil.com	(865) 409-4825

DESCRIPTION OF CONTENTS

## Blaine Prine

---

**From:** Blaine Prine  
**Sent:** Friday, August 5, 2022 9:49 AM  
**To:** Michael Lockerman; Heath Kefover; Ian Starkey; Brittany Mauger  
**Subject:** FW: 590418 - Micropiles 400 and 401

Team,  
Just forwarding an email I sent to the Architect/Engineer.  
Thanks,  
Blaine

**From:** Blaine Prine  
**Sent:** Friday, August 5, 2022 9:47 AM  
**To:** 'Briggs, Linda' <lbriggs@moseleyarchitects.com>; 'Tayler Day' <tday@geoservicesllc.com>  
**Cc:** Tpettit@burwil.com; Jeff Sutherland <jsutherland@blaineconstruction.com>; Steve Jones <sjones@blaineconstruction.com>  
**Subject:** 590418 - Micropiles 400 and 401

Linda, Tayler –

As discussed yesterday, micropile 401 is drilled to 150' with no rock encountered and (yesterday) during attempted installation of adjacent MP2-400, we broke off the drill bit and tooling at approx. 35-foot depth. We did receive the RFI response allowing a 3' offset either way in attempts to install MP2-401 at an alternate location, but we are reluctant to do this for fear of losing another bit/tooling because of the apparent steep angle of the subsurface rock at this location (because it's several thousand dollars). Since some of the piles were drilled just this week, I've attached an image further below showing the (completed) install depths of the piles to the left and right of this location.

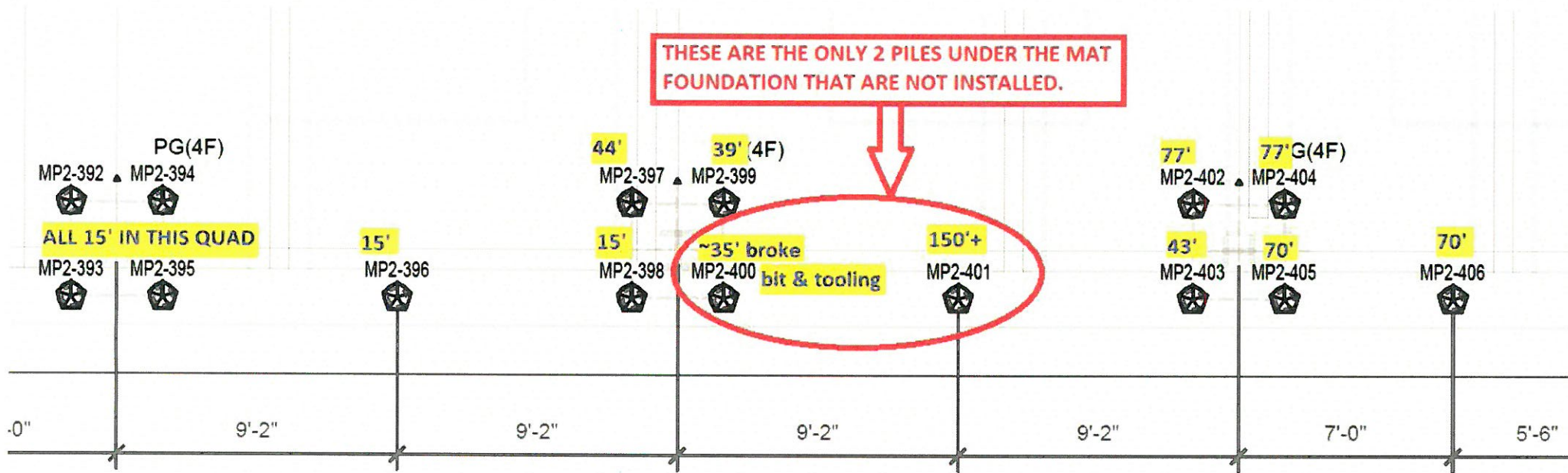
We have not yet issued a formal RFI for the MP2-400 that we broke yesterday, as we don't think the typical 1' offset will get us far enough off of this shear rock face.

In summary – here are our few questions, all in efforts to allow Redstone to demob on Tuesday next week as planned (since these involve drilling and grouting on Monday):

- a. Would it seem reasonable to offset MP2-400 to be in-line and centered between 397 and 398?
- b. Can we abandon/omit MP2-401 and span absent pile with a thicker mat foundation, like a grade beam?
- c. If "b" is NO, then can we live with more than a 3' offset (to the right) for 401, in efforts to get out of this slot?

We understand that everyone knows the urgency and is doing the best that they/we collectively can in attempts to avoid downtime for Redstone and delays to mat placements, but we also wanted to summarize the various discussions of yesterday.

Thanks,  
Blaine Prine  
Sr. Project Manager  
Blaine Construction Corporation  
Cell: 865-310-1634



Hamblen County Government  
Jail / Justice Center Project Expenditures  
As of June 30, 2023

Category of Costs	Description	Amount	Total Per Category
<b>Moseley Architects</b>			
Paid Prior to FY2021	Phase I and II & Design & Construction Planning Phase	\$ 943,700.00	
Paid in FY2021	Design & Construction Planning Phase	\$ 699,828.51	
Paid in FY2022	Design & Construction Planning Phase	\$ 3,114,662.02	
Paid in FY2023	Design & Construction Planning Phase	\$ 465,833.45	
			\$ 5,224,023.98
<b>BurWil Construction</b>			
Paid in FY2021	Project Management	\$ 283,597.96	
Paid in FY2022	Project Management	\$ 227,515.00	
Paid in FY2023	Project Management	\$ 313,002.65	
			\$ 824,115.61
<b>Blaine Construction</b>			
Paid in FY2022	Construction	\$ 18,460,845.00	
Paid in FY2023	Construction	\$ 29,880,119.16	
			\$ 48,340,964.16
<b>Entegrity Consulting</b>			
Paid in FY2021	Commissioning Services	\$ 3,294.00	
Paid in FY2022	Commissioning Services	\$ 4,392.00	
Paid in FY2023	Commissioning Services	\$ 3,074.40	
			\$ 10,760.40
<b>Property Acquisition</b>			
Paid Prior to FY2021		\$ 1,250,751.07	
Paid in FY2021		\$ 895,659.17	
Paid in FY2022		\$ 1,326.52	\$ 2,147,736.76
<b>Other Costs</b>			
Paid Prior to FY2021	Site Preparation, Clearing, and Soil Testing and All Other Costs	\$ 109,649.17	
Paid in FY2021	Site Preparation, Clearing, and Soil Testing and All Other Costs	\$ 169,962.00	
Paid in FY2022	Site Preparation, Clearing, and Soil Testing and All Other Costs	\$ 122,120.00	
Paid in FY2023	Site Preparation, Clearing, and Soil Testing and All Other Costs		
	GEO Testing	\$ 159,112.50	*
9/29/2022	MUS - Tap & Impact Fees for Jail Connections	\$ 54,000.00	
Paid in FY2023	Deacon Foodservice Solutions	\$ 251,563.81	
1/12/2023	TN Dept of Enviornment & Conservation - Storm Water Annual Fee	\$ 500.00	
			\$ 866,907.48
<b>Total Expenditures on Jail / Justice Center Project</b>			<b>\$ 57,414,508.39</b>



FINANCE COMMITTEE

Hamblen County Government

**FINANCE COMMITTEE**

Monday, July 10, 2023

*Immediately following the adjournment of the Justice Center/Public Safety Committee*  
Large Courtroom – Hamblen County Courthouse

**AGENDA**

1. **Call to Order-** *Chairman Bobby Haun*
2. **Visitors Wishing to Address the Committee About Agenda Items Only –**  
*Chairman Bobby Haun (Visitors will be allotted 3 minutes to speak)*
3. **Recurring Business – Chairman Bobby Haun**
  - a. Expenditure Reports – June 2023 (*Information Only-No Action Necessary*)
  - b. Monthly Checks June 2023 (*Information Only-No Action Necessary*)
4. **Old Business – Chairman Bobby Haun**
  - a. None
5. **New Business – Chairman Bobby Haun**
  - a. Resolution 23-\_\_-Wheel Tax Resolution-1<sup>st</sup> Vote-County Mayor Bill Brittain
  - b. Memorandum of Understanding Among the Hamblen County Legislative Body, Road Commission and Highway Department Regarding the Need for Road Repairs and Resurfacing-County Mayor Bill Brittain
  - c. Resolution 23-\_\_-Resolution of the Governing Body of Hamblen County, Tennessee, Authorizing the Issuance, Sale, and Payment of Hamblen County Interfund Capital Outlay Notes Not to Exceed \$560,000 -County Mayor Bill Brittain
  - d. Axon Contract-HCSD Captain David Cribley
  - e. Hitech Systems, Inc. Contract-HCSD Captain David Cribley
  - f. SRO Grant Program Update-County Mayor Bill Brittain, Sheriff Chad Mullins
  - g. Budget Amendments-Finance Director-Amanda Hale
    - i. Fund #101 Sheriff's Department \$60,000
6. **Items of Interest (No Action Necessary) – Chairman Bobby Haun**
  - a. Planning Commission Building Permit Report- June 2023
  - b. County Attorney Invoices - June 2023
  - c. Budget Amendments
    - i. Fund #101 Planning \$1,200
  - d. Trustee Report- June 1, 2023 – June 30, 2023
  - e. Hamblen County Department of Education Quarterly Expenditure Report- Third Quarter 2022-2023
7. **Adjournment – Chairman Bobby Haun**

Bobby Haun  
*Chairman*

Thomas Doty  
*Vice-Chairman*

Chris Cutshaw  
*Ex-Officio*

Stan Harville  
*Member*

Peggy Howell  
*Member*

Joe Huntsman, Sr.  
*Member*

Rodney Long  
*Member*

Mike Reed  
*Member*

Mike Richardson  
*Member*

# **EXPENDITURE REPORTS**

**June 2023**

# EXPENSE SUMMARY REPORT

June 2022-2023

## HAMBLEN COUNTY ACCOUNTS & BUDGETS

Fund(s) Selected:

### 101 General Fund

101

Account Group	Budget Amount	Budget Amendments	Amended Budget	MTD Expenses	YTD Expenses	Outstanding Encumbrances	Unencumbered Balance	% Bdg Remain
51100 County Commission	199,814.00	5,250.00	205,064.00	12,125.00	189,092.08	540.00	15,431.92	7.53%
51210 Board Of Equalizaton	5,550.00	0.00	5,550.00	1,110.00	1,110.00	0.00	4,440.00	80.00%
51300 County Mayor/Executive	245,361.00	3,600.00	248,961.00	19,962.82	231,494.83	1,485.40	15,980.77	6.42%
51400 County Attorney	31,303.00	0.00	31,303.00	1,150.16	15,975.40	0.00	15,327.60	48.97%
51500 Election Commission	387,210.00	2,400.00	389,610.00	19,315.15	349,016.24	511.81	40,081.95	10.29%
51600 Register Of Deeds	382,449.00	0.00	382,449.00	33,963.36	361,030.73	2,965.62	18,452.65	4.82%
51720 Planning	264,463.00	3,200.00	267,663.00	19,586.33	251,139.39	806.49	15,717.12	5.87%
51750 Codes Compliance	61,703.00	0.00	61,703.00	4,782.77	58,122.84	0.00	3,580.16	5.80%
51760 Geographical Information Systems	94,556.00	0.00	94,556.00	5,115.73	73,377.01	0.00	21,178.99	22.40%
51810 Other Facilities	919,606.00	0.00	919,606.00	67,814.69	831,006.07	9,050.34	79,549.59	8.65%
51910 Preservation Of Records	22,250.00	6,580.00	28,830.00	2,952.00	26,401.91	980.82	1,447.27	5.02%
52100 Accounting And Budgeting	524,677.00	0.00	524,677.00	35,169.30	417,621.83	780.00	106,275.17	20.26%
52300 Property Assessor's Office	377,604.00	0.00	377,604.00	30,623.21	356,608.89	114.25	20,880.86	5.53%
52310 Reappraisal Program	160,890.00	0.00	160,890.00	7,857.78	125,093.50	636.57	35,159.93	21.85%
52400 County Trustee's Office	398,117.00	5,000.00	403,117.00	28,060.81	378,768.32	950.97	23,397.71	5.80%
52500 County Clerk's Office	733,909.00	37,000.00	770,909.00	48,722.67	593,774.36	30,074.59	147,060.05	19.08%
52600 Data Processing	157,436.00	2,460.00	159,896.00	11,746.77	151,890.12	2,494.68	5,511.20	3.45%
52900 Other Finance	342,614.00	0.00	342,614.00	23,112.39	302,830.49	545.53	39,237.98	11.45%
53100 Circuit Court	988,337.00	0.00	988,337.00	74,104.02	877,631.00	5,080.51	105,625.49	10.69%
53300 General Sessions Court	658,905.00	7,720.00	666,625.00	48,369.57	572,201.26	759.28	93,664.46	14.05%
53330 Drug Court	144,829.00	150.00	144,979.00	13,885.19	136,149.59	0.00	8,829.41	6.09%
53400 Chancery Court	399,992.00	8,357.00	408,349.00	30,299.64	372,723.24	7,861.97	27,763.79	6.80%
53500 Juvenile Court	394,053.00	0.00	394,053.00	44,594.69	337,957.47	778.95	55,316.58	14.04%
53900 Other Admin Of Justice - Mental Health	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

# EXPENSE SUMMARY REPORT

June 2022-2023

## HAMBLEN COUNTY ACCOUNTS & BUDGETS

Fund(s) Selected:

### 101 General Fund

101

Account Group	Budget Amount	Budget Amendments	Amended Budget	MTD Expenses	YTD Expenses	Outstanding Encumbrances	Unencumbered Balance	% Bdgt Remain
53920 Courtroom Security	960,122.00	600.00	960,722.00	79,447.10	791,751.85	5,024.40	163,945.75	17.06%
53930 Victim Assistance Program	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
54110 Sheriff's Department	3,810,581.00	5,899.60	3,816,480.60	298,926.74	3,289,103.38	92,324.43	435,052.79	11.40%
54160 Administration Of The Sexual Offender	6,000.00	0.00	6,000.00	80.97	4,165.60	72.00	1,762.40	29.37%
54210 Jail	4,904,599.00	20,707.00	4,925,306.00	333,616.10	4,085,765.35	58,241.11	781,299.54	15.86%
54220 Workhouse	107,725.00	0.00	107,725.00	8,482.14	100,073.86	0.00	7,651.14	7.10%
54250 Work Release Program	332,560.00	0.00	332,560.00	16,826.66	291,353.69	2,036.72	39,169.59	11.78%
54310 Fire Prevention And Control	300,000.00	0.00	300,000.00	0.00	300,000.00	0.00	0.00	0.00%
54410 Civil Defense	118,289.00	0.00	118,289.00	9,337.31	105,264.64	1,203.14	11,821.22	9.99%
54490 Other Emergency Management	187,789.00	0.00	187,789.00	0.00	187,789.00	0.00	0.00	0.00%
54510 Inspection And Regulation	6,844.00	0.00	6,844.00	484.44	5,813.28	368.50	662.22	9.68%
54610 County Coroner/Medical Examiner	197,840.00	0.00	197,840.00	17,505.85	184,643.48	3,713.37	9,483.15	4.79%
54900 Other Public Safety	26,651.00	0.00	26,651.00	0.00	24,246.04	0.00	2,404.96	9.02%
55110 Local Health Center	885,067.00	0.00	885,067.00	57,832.76	616,738.88	2,583.99	265,744.13	30.03%
55120 Rabies And Animal Control	380,032.00	0.00	380,032.00	31,171.24	362,857.16	470.00	16,704.84	4.40%
55140 Nursing Home	5,000.00	0.00	5,000.00	0.00	5,000.00	0.00	0.00	0.00%
55170 Alcohol And Drug Programs	5,500.00	0.00	5,500.00	0.00	4,100.00	0.00	1,400.00	25.45%
55390 Appropriation To State	115,233.00	0.00	115,233.00	0.00	115,233.00	0.00	0.00	0.00%
55520 Aid To Dependent Children	10,000.00	0.00	10,000.00	0.00	10,000.00	0.00	0.00	0.00%
55590 Other Local Welfare Services	27,500.00	0.00	27,500.00	0.00	25,170.00	0.00	2,330.00	8.47%
55710 Sanitation Management	19,000.00	0.00	19,000.00	0.00	5,454.20	0.00	13,545.80	71.29%
55900 Other Public Health And Welfare	95,000.00	0.00	95,000.00	21,597.08	89,848.15	0.00	5,151.85	5.42%
56100 Adult Activities	11,600.00	0.00	11,600.00	0.00	11,600.00	0.00	0.00	0.00%
56300 Senior Citizens Assistance	6,500.00	0.00	6,500.00	0.00	6,500.00	0.00	0.00	0.00%

# EXPENSE SUMMARY REPORT

June 2022-2023

## HAMBLEEN COUNTY ACCOUNTS & BUDGETS

Fund(s) Selected:

### 101 General Fund

101

Account Group	Budget Amount	Budget Amendments	Amended Budget	MTD Expenses	YTD Expenses	Outstanding Encumbrances	Unencumbered Balance	% Bdg't Remain
56500 Libraries	329,500.00	0.00	329,500.00	0.00	311,400.00	0.00	18,100.00	5.49%
56700 Parks And Fair Boards	333,138.00	11,005.00	344,143.00	23,983.41	280,499.00	10,958.99	52,685.01	15.31%
56900 Other Social, Cultural And Recreational	351,000.00	0.00	351,000.00	0.00	351,000.00	0.00	0.00	0.00%
57100 Agricultural Extension Service	179,893.00	3,843.00	183,736.00	46,591.13	140,067.56	0.00	43,668.44	23.77%
57300 Forest Service	1,000.00	0.00	1,000.00	0.00	1,000.00	0.00	0.00	0.00%
57500 Soil Conservation	54,458.00	0.00	54,458.00	3,937.98	52,005.76	0.00	2,452.24	4.50%
57800 Storm Water Management	35,460.00	0.00	35,460.00	40.29	21,808.48	3,070.00	10,581.52	29.84%
58110 Tourism	54,700.00	30,000.00	84,700.00	14,209.68	66,368.07	1,086.52	17,245.41	20.36%
58120 Industrial Development	641,000.00	0.00	641,000.00	0.00	572,794.05	0.00	68,205.95	10.64%
58300 Veterans' Services	35,380.00	0.00	35,380.00	2,647.87	32,172.39	0.00	3,207.61	9.07%
58600 Employee Benefits	709,785.00	-5,000.00	704,785.00	137.50	570,803.65	0.00	133,981.35	19.01%
58900 Miscellaneous	305,404.00	7,000.00	312,404.00	1,436.00	292,436.93	0.00	19,967.07	6.39%
73300 Community Services	6,000.00	0.00	6,000.00	0.00	5,000.00	0.00	1,000.00	16.67%
91110 General Administration Projects	255,000.00	418,050.00	673,050.00	566.00	552,298.29	56,242.00	64,509.71	9.58%
91120 Administration Of Justice Projects	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
91130 Public Safety Projects	174,557.00	89,809.00	264,366.00	0.00	208,620.80	0.00	55,745.20	21.09%
91140 Public Health And Welfare Projects	0.00	1,863,550.00	1,863,550.00	33,549.01	1,863,549.01	0.00	0.99	0.00%
91150 Social, Cultural And Recreation Projects	0.00	25,175.00	25,175.00	0.00	15,500.00	0.00	9,675.00	38.43%
91190 Other General Government Proje	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
91200 Highway And Street Capital Projects	0.00	350,000.00	350,000.00	0.00	0.00	0.00	350,000.00	100.00%
99100 Transfers Out	211,400.00	1,103,818.18	1,315,218.18	459.14	1,358,491.56	0.00	-43,273.38	-3.29%
General Fund #(101)	24,092,735.00	4,006,173.78	28,098,908.78	1,587,290.45	24,329,303.68	303,812.95	3,465,792.15	12.33%

# EXPENSE SUMMARY REPORT

June 2022-2023

## HAMBLÉN COUNTY ACCOUNTS & BUDGETS

Fund(s) Selected:

116

### 116 Sanitation

Account Group	Budget Amount	Budget Amendments	Amended Budget	MTD Expenses	YTD Expenses	Outstanding Encumbrances	Unencumbered Balance	% Bdgt Remain
55710 Sanitation Management	3,619,571.00	699,224.53	4,318,795.53	688,644.69	3,409,707.57	117,549.55	791,538.41	18.33%
99100 Transfers Out	20,100.00	52,363.64	72,463.64	0.00	72,463.64	0.00	0.00	0.00%
Solid Waste/Sanitation Fund #(116)	3,639,671.00	751,588.17	4,391,259.17	688,644.69	3,482,171.21	117,549.55	791,538.41	18.03%

# EXPENSE SUMMARY REPORT

June 2022-2023

## HAMBLEN COUNTY ACCOUNTS & BUDGETS

Fund(s) Selected:

131 Highway

131

Account Group	Budget Amount	Budget Amendments	Amended Budget	MTD Expenses	YTD Expenses	Outstanding Encumbrances	Unencumbered Balance	% Bdgt Remain
61000 Administration	471,522.00	0.00	471,522.00	27,324.15	431,613.58	2,578.47	37,329.95	7.92%
62000 Highway And Bridge Maintenance	1,977,365.00	65,000.00	2,042,365.00	167,889.00	1,742,954.91	95,871.13	203,538.96	9.97%
63100 Operation And Maintenance Of Equipment	453,679.00	74,000.00	527,679.00	39,001.28	460,877.53	30,184.32	36,617.15	6.94%
66000 Employee Benefits	24,725.00	0.00	24,725.00	0.00	14,719.00	0.00	10,006.00	40.47%
68000 Capital Outlay	1,103,000.00	486,433.75	1,589,433.75	0.00	954,977.09	485,378.28	149,078.38	9.38%
99100 Transfers Out	28,500.00	61,090.91	89,590.91	0.00	89,590.91	0.00	0.00	0.00%
Highway/Public Works Fund (#131)	4,058,791.00	686,524.66	4,745,315.66	234,214.43	3,694,733.02	614,012.20	436,570.44	9.20%

# **MONTHLY CHECKS**

**June 2023**

# COMMISSION APPROVAL LISTING

Page: 1

Date/Time: 7/5/2023 9:13:47 AM

ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
51100	355	Travel	06/29/2023	1010276981	Stan Harville	156.62
51100	599	Other Charges	06/15/2023	1010276896	Citizen Tribune	91.24
<b>51100</b>	<b>County Commission</b>			<b>Check Count:</b>	<b>2</b>	<b>Total: 247.86</b>
51210	191	Board And Committee Members Fees	06/22/2023	1010276922	Earl B Cameron	220.00
51210	191	Board And Committee Members Fees	06/22/2023	1010276930	William Daniel	220.00
51210	191	Board And Committee Members Fees	06/22/2023	1010276939	William B Hicks	230.00
51210	191	Board And Committee Members Fees	06/22/2023	1010276965	Danny Young	220.00
51210	191	Board And Committee Members Fees	06/22/2023	9101000329	Ralph Wilkerson	220.00
<b>51210</b>	<b>Board Of Equalizaton</b>			<b>Check Count:</b>	<b>5</b>	<b>Total: 1,110.00</b>
51300	307	Communication	06/08/2023	1010276852	AT&T	90.00
51300	307	Communication	06/08/2023	1010276854	Century Link/Business Services	24.97
51300	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	231.09
51300	351	Rentals	06/22/2023	1010276953	Pitney Bowes	963.42
51300	355	Travel	06/08/2023	1010276860	Fuelman	19.63
51300	355	Travel	06/29/2023	9101000331	William H Brittain	553.49
51300	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	254.66
51300	599	Other Charges	06/08/2023	1010276875	South Marketing Group	650.00
51300	599	Other Charges	06/22/2023	1010276932	English Mountain Spring Water	14.00
<b>51300</b>	<b>County Mayor/Executive</b>			<b>Check Count:</b>	<b>9</b>	<b>Total: 2,801.26</b>
51400	331	Legal Services	06/22/2023	1010276925	Capps & Byrd LLP	1,042.50
<b>51400</b>	<b>County Attorney</b>			<b>Check Count:</b>	<b>1</b>	<b>Total: 1,042.50</b>
51500	307	Communication	06/08/2023	1010276854	Century Link/Business Services	1.48
51500	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	86.40
51500	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	830.00

# COMMISSION APPROVAL LISTING

Page: 2

Date/Time: 7/5/2023 9:13:47 AM

ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
51500	435	Office Supplies	06/22/2023	1010276932	English Mountain Spring Water	14.00
<b>51500</b>		<b>Election Commission</b>		<b>Check Count: 4</b>	<b>Total:</b>	<b>931.88</b>
51600	307	Communication	06/08/2023	1010276854	Century Link/Business Services	1.99
51600	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	2,890.99
51600	435	Office Supplies	06/29/2023	1010276978	Evans Office Supply Co	-40.00
51600	709	Data Processing Equipment	06/01/2023	1010276819	Evans Office Supply Co	254.59
51600	709	Data Processing Equipment	06/08/2023	1010276853	Business Information Systems	1,283.40
51600	709	Data Processing Equipment	06/22/2023	1010276920	Business Information Systems	43.00
<b>51600</b>		<b>Register Of Deeds</b>		<b>Check Count: 5</b>	<b>Total:</b>	<b>4,433.97</b>
51720	307	Communication	06/08/2023	1010276854	Century Link/Business Services	4.45
51720	307	Communication	06/08/2023	1010276886	Verizon Wireless	102.00
51720	331	Legal Services	06/22/2023	1010276925	Capps & Byrd LLP	195.00
51720	338	Maintenance And Repair Services - Vehicles	06/29/2023	1010277000	Ultimate Shine Car Wash	30.00
51720	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	60.91
51720	425	Gasoline	06/08/2023	1010276860	Fuelman	111.52
<b>51720</b>		<b>Planning</b>		<b>Check Count: 6</b>	<b>Total:</b>	<b>503.88</b>
51760	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	341.50
51760	709	Data Processing Equipment	06/15/2023	1010276903	HomeTrust Bank	349.99
<b>51760</b>		<b>Geographical Information Systems</b>		<b>Check Count: 2</b>	<b>Total:</b>	<b>691.49</b>
51810	307	Communication	06/08/2023	1010276852	AT&T	486.75
51810	307	Communication	06/15/2023	1010276891	AT&T	657.64
51810	307	Communication	06/22/2023	1010276946	MetTel	684.75
51810	334	Maintenance Agreements	06/15/2023	1010276898	GFL Environmental Holdings, Inc	91.52
51810	335	Maintenance And Repair Service - Buildings	06/08/2023	1010276867	Lowe's	336.52

# COMMISSION APPROVAL LISTING

Page: 3

Date/Time: 7/5/2023 9:13:47 AM

ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
51810	335	Maintenance And Repair Service - Buildings	06/22/2023	1010276931	Darien DeMayo	60.00
51810	335	Maintenance And Repair Service - Buildings	06/22/2023	1010276957	T.E.G. Enterprises, Inc	285.00
51810	335	Maintenance And Repair Service - Buildings	06/29/2023	1010276976	Ricky S Coffey	150.00
51810	335	Maintenance And Repair Service - Buildings	06/29/2023	1010276979	Fenco Supply Co	429.61
51810	335	Maintenance And Repair Service - Buildings	06/29/2023	1010276985	Lakeway Fire Protection, Inc	1,420.00
51810	335	Maintenance And Repair Service - Buildings	06/29/2023	1010277004	Wholesale Supply Group	158.25
51810	336	Maintenance And Repair Services - Equipment	06/08/2023	1010276866	Lane Sales Power Equipment	708.48
51810	336	Maintenance And Repair Services - Equipment	06/08/2023	1010276868	NAPA Auto Parts Of Morristown	12.99
51810	338	Maintenance And Repair Services - Vehicles	06/01/2023	1010276840	Porter's Tire Store Inc.	970.80
51810	338	Maintenance And Repair Services - Vehicles	06/29/2023	1010277000	Ultimate Shine Car Wash	90.00
51810	399	Other Contracted Services	06/15/2023	1010276903	HomeTrust Bank	76.02
51810	399	Other Contracted Services	06/22/2023	1010276932	English Mountain Spring Water	29.00
51810	410	Custodial Supplies	06/01/2023	1010276831	Kelsan Inc	153.38
51810	410	Custodial Supplies	06/15/2023	1010276913	Unifirst	198.43
51810	415	Electricity	06/15/2023	1010276905	Morristown Utilities	2,017.00
51810	415	Electricity	06/29/2023	1010276986	Morristown Utilities	27,625.00
51810	425	Gasoline	06/08/2023	1010276860	Fuelman	455.15
51810	434	Natural Gas	06/22/2023	1010276919	Atmos Energy	1,110.17
51810	451	Uniforms	06/15/2023	1010276913	Unifirst	182.44
<b>51810</b>	<b>Other Facilities</b>			<b>Check Count: 23</b>	<b>Total:</b>	<b>38,388.90</b>
51910	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	59.67
51910	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	130.07
51910	435	Office Supplies	06/01/2023	1010276823	Gaylord Bros	713.67
51910	435	Office Supplies	06/15/2023	1010276903	HomeTrust Bank	713.15
<b>51910</b>	<b>Preservation Of Records</b>			<b>Check Count: 4</b>	<b>Total:</b>	<b>1,616.56</b>
52100	320	Dues And Memberships	06/15/2023	1010276903	HomeTrust Bank	539.00

# COMMISSION APPROVAL LISTING

Page: 4

Date/Time: 7/5/2023 9:13:47 AM

ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
52100	349	Printing, Stationery And Forms	06/22/2023	1010276917	Acme Printing Company, Inc	1,533.23
52100	349	Printing, Stationery And Forms	06/29/2023	1010276966	Acme Printing Company, Inc	213.31
52100	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	400.24
52100	435	Office Supplies	06/15/2023	1010276903	HomeTrust Bank	48.64
<b>52100</b>	<b>Accounting And Budgeting</b>			<b>Check Count:</b>	<b>4</b>	<b>Total: 2,734.42</b>
52300	307	Communication	06/08/2023	1010276854	Century Link/Business Services	2.22
52300	338	Maintenance And Repair Services - Vehicles	06/29/2023	1010277000	Ultimate Shine Car Wash	60.00
52300	425	Gasoline	06/08/2023	1010276860	Fuelman	266.65
52300	435	Office Supplies	06/22/2023	1010276932	English Mountain Spring Water	43.00
<b>52300</b>	<b>Property Assessor's Office</b>			<b>Check Count:</b>	<b>4</b>	<b>Total: 371.87</b>
52310	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	59.43
52310	399	Other Contracted Services	06/22/2023	1010276960	TN, State of	2,163.77
52310	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	794.20
52310	435	Office Supplies	06/22/2023	1010276917	Acme Printing Company, Inc	896.00
<b>52310</b>	<b>Reappraisal Program</b>			<b>Check Count:</b>	<b>4</b>	<b>Total: 3,913.40</b>
52400	307	Communication	06/08/2023	1010276854	Century Link/Business Services	0.10
52400	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	61.32
52400	355	Travel	06/15/2023	1010276903	HomeTrust Bank	612.36
52400	435	Office Supplies	06/22/2023	1010276932	English Mountain Spring Water	15.00
<b>52400</b>	<b>County Trustee's Office</b>			<b>Check Count:</b>	<b>4</b>	<b>Total: 688.78</b>
52500	307	Communication	06/08/2023	1010276854	Century Link/Business Services	9.56
52500	349	Printing, Stationery And Forms	06/22/2023	1010276920	Business Information Systems	264.00
52500	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	65.86
52500	355	Travel	06/15/2023	1010276903	HomeTrust Bank	270.00

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
52500	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	430.90
52500	435	Office Supplies	06/22/2023	1010276932	English Mountain Spring Water	50.00
<b>52500</b>		<b>County Clerk's Office</b>		<b>Check Count: 6</b>	<b>Total:</b>	<b>1,090.32</b>
52600	312	Contracts With Private Agencies	06/15/2023	1010276906	MUS Fibernet	358.98
52600	312	Contracts With Private Agencies	06/22/2023	1010276929	CyberFOX, LLC	308.70
52600	312	Contracts With Private Agencies	06/29/2023	1010276980	Foothills Netcom, Inc.	170.00
52600	317	Data Processing Services	06/01/2023	1010276824	GovConnection, Inc.	1,817.57
52600	317	Data Processing Services	06/15/2023	1010276906	MUS Fibernet	683.20
52600	317	Data Processing Services	06/22/2023	1010276935	GovConnection, Inc.	1,817.57
52600	709	Data Processing Equipment	06/15/2023	1010276903	HomeTrust Bank	563.00
52600	709	Data Processing Equipment	06/29/2023	1010276982	Home Depot Credit Services	106.93
<b>52600</b>		<b>Data Processing</b>		<b>Check Count: 7</b>	<b>Total:</b>	<b>5,825.95</b>
52900	307	Communication	06/08/2023	1010276852	AT&T	202.03
52900	307	Communication	06/08/2023	1010276854	Century Link/Business Services	2.70
52900	317	Data Processing Services	06/01/2023	1010276836	MUS Fibernet	118.20
52900	330	Operating Lease Payments	06/01/2023	1010276843	Mark Sawyer	2,100.00
52900	335	Maintenance And Repair Service - Buildings	06/08/2023	1010276858	Fish Window Cleaning	30.00
52900	351	Rentals	06/08/2023	1010276871	Quality Waste	26.50
52900	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	49.53
52900	415	Electricity	06/15/2023	1010276905	Morristown Utilities	550.00
52900	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	556.59
52900	435	Office Supplies	06/22/2023	1010276932	English Mountain Spring Water	41.00
<b>52900</b>		<b>Other Finance</b>		<b>Check Count: 10</b>	<b>Total:</b>	<b>3,676.55</b>
53100	307	Communication	06/08/2023	1010276852	AT&T	38.74
53100	307	Communication	06/08/2023	1010276854	Century Link/Business Services	8.44

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
53100	349	Printing, Stationery And Forms	06/22/2023	1010276955	Shred-It	21.00
53100	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	334.68
53100	351	Rentals	06/22/2023	1010276953	Pitney Bowes	326.72
53100	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	2,281.25
53100	435	Office Supplies	06/15/2023	1010276903	HomeTrust Bank	58.99
53100	435	Office Supplies	06/15/2023	1010276904	Local Government Corporation	201.17
<b>53100</b>		<b>Circuit Court</b>		<b>Check Count: 8</b>	<b>Total:</b>	<b>3,270.99</b>
53300	307	Communication	06/08/2023	1010276854	Century Link/Business Services	2.40
53300	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	59.93
53300	435	Office Supplies	06/22/2023	1010276932	English Mountain Spring Water	43.00
<b>53300</b>		<b>General Sessions Court</b>		<b>Check Count: 3</b>	<b>Total:</b>	<b>105.33</b>
53330	307	Communication	06/08/2023	1010276852	AT&T	21.79
53330	307	Communication	06/08/2023	1010276869	One Step Software Inc.	100.00
53330	307	Communication	06/19/2023	1010276916	One Step Software Inc.	100.00
53330	322	Evaluation And Testing	06/08/2023	1010276863	Joyful Life Counselling, LLC	900.00
53330	322	Evaluation And Testing	06/22/2023	1010276942	Intrinsic Interventions Inc.	3,075.00
53330	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	64.86
53330	355	Travel	06/15/2023	1010276903	HomeTrust Bank	125.00
53330	499	Other Supplies And Materials	06/01/2023	1010276829	JB Management LLC	500.00
53330	499	Other Supplies And Materials	06/15/2023	1010276903	HomeTrust Bank	52.84
<b>53330</b>		<b>Drug Court</b>		<b>Check Count: 8</b>	<b>Total:</b>	<b>4,939.49</b>
53400	302	Advertising	06/15/2023	1010276896	Citizen Tribune	1,960.80
53400	307	Communication	06/08/2023	1010276852	AT&T	21.79
53400	307	Communication	06/08/2023	1010276854	Century Link/Business Services	6.60
53400	349	Printing, Stationery And Forms	06/22/2023	1010276945	LexisNexis/Matthew Bender & Co	69.23

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
53400	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	90.60
53400	435	Office Supplies	06/22/2023	1010276932	English Mountain Spring Water	22.00
53400	524	In Service/Staff Development	06/01/2023	1010276849	UT County Technical Assistance Service	100.00
<b>53400</b>		<b>Chancery Court</b>		<b>Check Count: 7</b>	<b>Total:</b>	<b>2,271.02</b>
53500	307	Communication	06/08/2023	1010276854	Century Link/Business Services	2.24
53500	309	Contracts With Government Agencies	06/29/2023	1010276994	Richard L Bean Juvenile Srv	23,290.00
53500	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	82.91
53500	399	Other Contracted Services	06/08/2023	1010276880	Chris Trent	2,400.00
53500	422	Food Supplies	06/01/2023	1010276850	Walmart Community BRC	333.11
53500	422	Food Supplies	06/22/2023	1010276932	English Mountain Spring Water	14.00
53500	425	Gasoline	06/08/2023	1010276860	Fuelman	59.27
<b>53500</b>		<b>Juvenile Court</b>		<b>Check Count: 7</b>	<b>Total:</b>	<b>26,181.53</b>
53920	322	Evaluation And Testing	06/01/2023	1010276835	Mountain Crest Psychological Clinic	150.00
53920	451	Uniforms	06/08/2023	1010276881	TruBlu Tactical Police Supply	494.92
53920	451	Uniforms	06/15/2023	1010276903	HomeTrust Bank	236.91
53920	716	Law Enforcement Equipment	06/15/2023	1010276903	HomeTrust Bank	75.89
53920	716	Law Enforcement Equipment	06/22/2023	1010276934	Galls, LLC	1,164.95
<b>53920</b>		<b>Courtroom Security</b>		<b>Check Count: 4</b>	<b>Total:</b>	<b>2,122.67</b>
54110	302	Advertising	06/15/2023	1010276903	HomeTrust Bank	91.50
54110	307	Communication	06/08/2023	1010276852	AT&T	558.65
54110	307	Communication	06/08/2023	1010276854	Century Link/Business Services	52.93
54110	307	Communication	06/08/2023	1010276886	Verizon Wireless	1,915.98
54110	334	Maintenance Agreements	06/08/2023	1010276872	ROCIC	300.00
54110	334	Maintenance Agreements	06/15/2023	1010276903	HomeTrust Bank	239.88
54110	336	Maintenance And Repair Services - Equipment	06/15/2023	1010276903	HomeTrust Bank	109.71

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
54110	336	Maintenance And Repair Services - Equipment	06/22/2023	1010276951	Murrell Burglar Alarm Co Inc	446.00
54110	338	Maintenance And Repair Services - Vehicles	06/01/2023	1010276817	Kenny Drinnon	1,558.72
54110	338	Maintenance And Repair Services - Vehicles	06/08/2023	1010276857	Farris Jeep Ram Chrysler Dodge	168.00
54110	338	Maintenance And Repair Services - Vehicles	06/22/2023	1010276962	Valvoline, Inc.	249.99
54110	338	Maintenance And Repair Services - Vehicles	06/29/2023	1010277000	Ultimate Shine Car Wash	1,060.00
54110	349	Printing, Stationery And Forms	06/01/2023	1010276842	R Chatfield Co, Inc	168.48
54110	349	Printing, Stationery And Forms	06/22/2023	1010276917	Acme Printing Company, Inc	613.40
54110	351	Rentals	06/08/2023	1010276877	T.E.G. Enterprises, Inc	85.00
54110	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	89.83
54110	351	Rentals	06/22/2023	1010276953	Pitney Bowes	326.72
54110	355	Travel	06/15/2023	1010276903	HomeTrust Bank	365.38
54110	355	Travel	06/22/2023	1010276933	Brandon Howard Ferrell	654.50
54110	355	Travel	06/22/2023	1010276948	Andrea P Moore	324.50
54110	399	Other Contracted Services	06/22/2023	1010276961	Transunion Risk & Alternative	95.40
54110	425	Gasoline	06/08/2023	1010276860	Fuelman	11,758.29
54110	431	Law Enforcement Supplies	06/01/2023	1010276832	Law Enforcement Systems, Inc	392.00
54110	431	Law Enforcement Supplies	06/01/2023	1010276850	Walmart Community BRC	6.21
54110	431	Law Enforcement Supplies	06/15/2023	1010276903	HomeTrust Bank	2,275.44
54110	433	Lubricants	06/22/2023	1010276962	Valvoline, Inc.	318.46
54110	435	Office Supplies	06/01/2023	1010276816	Creative Services of New England	246.95
54110	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	34.95
54110	435	Office Supplies	06/08/2023	1010276874	Signs And Designs	128.00
54110	435	Office Supplies	06/15/2023	1010276903	HomeTrust Bank	403.93
54110	435	Office Supplies	06/15/2023	9101000328	James Brooks	13.98
54110	450	Tires And Tubes	06/01/2023	1010276807	Airport Tire	66.00
54110	450	Tires And Tubes	06/29/2023	1010276993	Porter's Tire Store Inc.	31.90
54110	451	Uniforms	06/08/2023	1010276881	TruBlu Tactical Police Supply	699.88

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
54110	451	Uniforms	06/29/2023	1010276996	Summit Uniform Solutions, Inc.	333.48
54110	499	Other Supplies And Materials	06/08/2023	1010276881	TruBlu Tactical Police Supply	310.94
54110	524	In Service/Staff Development	06/08/2023	1010276887	Walters State Comm College	3,951.00
54110	524	In Service/Staff Development	06/22/2023	1010276958	The Praetorian Group	4,140.60
54110	599	Other Charges	06/01/2023	1010276844	Shred-It	21.00
54110	599	Other Charges	06/08/2023	1010276855	Cherokee Boat Dock LLC	100.00
54110	599	Other Charges	06/15/2023	1010276903	HomeTrust Bank	1,087.29
54110	599	Other Charges	06/22/2023	1010276932	English Mountain Spring Water	7.00
54110	599	Other Charges	06/29/2023	1010276995	Shred-It	21.00
54110	716	Law Enforcement Equipment	06/08/2023	1010276870	Precision Delta Corporation	13,510.50
54110	716	Law Enforcement Equipment	06/15/2023	1010276903	HomeTrust Bank	1,143.00
<b>54110</b>	<b>Sheriff's Department</b>			<b>Check Count:</b>	<b>36</b>	<b>Total: 50,476.37</b>
54160	435	Office Supplies	06/15/2023	1010276903	HomeTrust Bank	80.97
<b>54160</b>	<b>Administration Of The Sexual Offender</b>			<b>Check Count:</b>	<b>1</b>	<b>Total: 80.97</b>
54210	322	Evaluation And Testing	06/22/2023	1010276950	Mountain Crest Psychological Clinic	500.00
54210	335	Maintenance And Repair Service - Buildings	06/01/2023	1010276820	Fenco Supply Co	228.35
54210	335	Maintenance And Repair Service - Buildings	06/01/2023	1010276828	James A. Tolliver	580.00
54210	335	Maintenance And Repair Service - Buildings	06/08/2023	1010276865	Lakeway Door & Glass Inc	680.00
54210	335	Maintenance And Repair Service - Buildings	06/08/2023	1010276867	Lowe's	217.77
54210	335	Maintenance And Repair Service - Buildings	06/08/2023	1010276888	Wholesale Supply Group	199.45
54210	335	Maintenance And Repair Service - Buildings	06/22/2023	1010276941	Interstate Mechanical Service, LLC	1,168.19
54210	335	Maintenance And Repair Service - Buildings	06/22/2023	1010276959	TMS - Marlin	3,546.76
54210	335	Maintenance And Repair Service - Buildings	06/29/2023	1010276975	City Electric Supply	14.12
54210	335	Maintenance And Repair Service - Buildings	06/29/2023	1010276983	Interstate Mechanical Service, LLC	654.52
54210	335	Maintenance And Repair Service - Buildings	06/29/2023	1010276991	Nies Mechanical, LLC	357.00
54210	336	Maintenance And Repair Services - Equipment	06/08/2023	1010276885	Valley Proteins, Inc	225.00

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
54210	336	Maintenance And Repair Services - Equipment	06/15/2023	1010276910	REM Company Inc.	327.01
54210	336	Maintenance And Repair Services - Equipment	06/22/2023	1010276954	REM Company Inc.	300.00
54210	340	Medical And Dental Services	06/01/2023	1010276818	Emergency Coverage Corporation	707.03
54210	340	Medical And Dental Services	06/08/2023	1010276883	University Of TN Medical Center	3,549.35
54210	340	Medical And Dental Services	06/15/2023	1010276914	University Radiology	318.00
54210	340	Medical And Dental Services	06/22/2023	1010276918	American Esoteric Laboratories	59.50
54210	340	Medical And Dental Services	06/22/2023	1010276928	Clinical Solutions Pharmacy	68.64
54210	340	Medical And Dental Services	06/22/2023	1010276940	John C Horner MD	34.00
54210	340	Medical And Dental Services	06/22/2023	1010276947	Mobile Images Acquisition LLC	1,330.00
54210	340	Medical And Dental Services	06/22/2023	1010276949	Morristown-Hamblen Hospital	7,332.12
54210	340	Medical And Dental Services	06/22/2023	1010276956	Southern Health Partners	87.42
54210	340	Medical And Dental Services	06/22/2023	1010276963	Vista Radiology	93.30
54210	340	Medical And Dental Services	06/29/2023	1010276987	Morristown-Hamblen Hospital	800.00
54210	340	Medical And Dental Services	06/29/2023	1010277002	Vista Radiology	210.30
54210	351	Rentals	06/08/2023	1010276877	T.E.G. Enterprises, Inc	150.00
54210	410	Custodial Supplies	06/01/2023	1010276831	Kelsan Inc	6,172.10
54210	410	Custodial Supplies	06/01/2023	1010276850	Walmart Community BRC	29.62
54210	410	Custodial Supplies	06/08/2023	1010276871	Quality Waste	249.10
54210	410	Custodial Supplies	06/29/2023	1010276974	Chem Clean Systems LLC	4,264.56
54210	410	Custodial Supplies	06/29/2023	1010276984	Kelsan Inc	3,087.50
54210	422	Food Supplies	06/29/2023	1010276998	Trinity Services Group, Inc.	36,275.55
54210	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	3,854.75
54210	435	Office Supplies	06/15/2023	1010276903	HomeTrust Bank	1,405.45
54210	441	Prisoners Clothing	06/01/2023	1010276811	Bob Barker Company, Inc	1,385.76
54210	451	Uniforms	06/01/2023	1010276845	Summit Uniform Solutions, Inc.	3,183.40
54210	451	Uniforms	06/29/2023	1010276996	Summit Uniform Solutions, Inc.	1,757.71
54210	599	Other Charges	06/01/2023	1010276811	Bob Barker Company, Inc	5,156.08

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
54210	599	Other Charges	06/08/2023	1010276873	Shred-It	21.00
54210	599	Other Charges	06/22/2023	1010276923	Canon Solutions America, Inc	103.72
54210	710	Food Service Equipment	06/15/2023	1010276903	HomeTrust Bank	253.18
54210	716	Law Enforcement Equipment	06/01/2023	1010276845	Summit Uniform Solutions, Inc.	125.98
54210	716	Law Enforcement Equipment	06/08/2023	1010276861	Galls, LLC	3,961.65
54210	790	Other Equipment	06/01/2023	1010276822	Galls, LLC	269.85
54210	790	Other Equipment	06/08/2023	1010276867	Lowe's	437.59
54210	790	Other Equipment	06/15/2023	1010276893	Cartwright Communication Inc	4,340.15
<b>54210</b>	<b>Jail</b>			<b>Check Count:</b>	<b>43</b>	<b>Total: 100,072.53</b>
54250	307	Communication	06/08/2023	1010276854	Century Link/Business Services	13.17
54250	338	Maintenance And Repair Services - Vehicles	06/01/2023	1010276840	Porter's Tire Store Inc.	186.68
54250	338	Maintenance And Repair Services - Vehicles	06/08/2023	1010276868	NAPA Auto Parts Of Morristown	130.00
54250	338	Maintenance And Repair Services - Vehicles	06/29/2023	1010277000	Ultimate Shine Car Wash	60.00
54250	399	Other Contracted Services	06/08/2023	1010276876	Stepping Out Ministries	310.00
54250	425	Gasoline	06/08/2023	1010276860	Fuelman	301.80
54250	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	325.62
54250	435	Office Supplies	06/01/2023	1010276826	Barbara M Hodges	70.00
54250	435	Office Supplies	06/15/2023	1010276903	HomeTrust Bank	59.19
<b>54250</b>	<b>Work Release Program</b>			<b>Check Count:</b>	<b>9</b>	<b>Total: 1,456.46</b>
54410	307	Communication	06/01/2023	9101000324	Chris E Bell	56.00
54410	338	Maintenance And Repair Services - Vehicles	06/01/2023	1010276840	Porter's Tire Store Inc.	120.50
54410	425	Gasoline	06/08/2023	1010276860	Fuelman	458.47
54410	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	519.96
54410	451	Uniforms	06/15/2023	1010276903	HomeTrust Bank	65.52
54410	599	Other Charges	06/07/2023	1010276851	REVS	50.00
54410	599	Other Charges	06/08/2023	1010276886	Verizon Wireless	-22.67

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
54410	599	Other Charges	06/15/2023	1010276903	HomeTrust Bank	342.91
<b>54410</b>		<b>Civil Defense</b>		<b>Check Count: 7</b>	<b>Total:</b>	<b>1,590.69</b>
54610	307	Communication	06/08/2023	1010276886	Verizon Wireless	-22.67
54610	312	Contracts With Private Agencies	06/01/2023	1010276837	National Medical Services, Inc.	1,680.00
54610	312	Contracts With Private Agencies	06/08/2023	1010276864	Teresa A. Kreceman	250.00
54610	312	Contracts With Private Agencies	06/22/2023	1010276943	Knox County Medical Examiner	7,600.00
54610	312	Contracts With Private Agencies	06/22/2023	1010276944	Teresa A. Kreceman	750.00
54610	312	Contracts With Private Agencies	06/22/2023	1010276952	National Medical Services, Inc.	343.00
54610	312	Contracts With Private Agencies	06/29/2023	1010276989	National Medical Services, Inc.	370.00
54610	399	Other Contracted Services	06/01/2023	1010276827	Amanda Beth Hopkins	300.00
54610	399	Other Contracted Services	06/01/2023	1010276841	David Wayne Purkey	600.00
54610	399	Other Contracted Services	06/15/2023	1010276899	Todd E Giles	405.00
54610	399	Other Contracted Services	06/15/2023	1010276901	Jeffrey E. Holt	855.00
54610	399	Other Contracted Services	06/15/2023	1010276902	Steven Landon Holt	180.00
54610	399	Other Contracted Services	06/15/2023	1010276909	Jimmy W Peoples	405.00
54610	399	Other Contracted Services	06/15/2023	1010276912	Claude Thompson JR	360.00
54610	399	Other Contracted Services	06/01/2023	9101000325	Tom C Thompson MD	2,208.33
54610	413	Drugs And Medical Supplies	06/22/2023	1010276927	Classic Plastics Corp	605.39
54610	435	Office Supplies	06/15/2023	1010276903	HomeTrust Bank	616.80
<b>54610</b>		<b>County Coroner/Medical Examiner</b>		<b>Check Count: 17</b>	<b>Total:</b>	<b>17,505.85</b>
55110	307	Communication	06/01/2023	1010276821	Foothills Netcom, Inc.	95.00
55110	307	Communication	06/08/2023	1010276852	AT&T	89.22
55110	307	Communication	06/08/2023	1010276854	Century Link/Business Services	85.05
55110	307	Communication	06/08/2023	1010276859	Foothills Netcom, Inc.	265.00
55110	328	Janitorial Services	06/08/2023	1010276879	TMA Services, LLC	1,500.00
55110	351	Rentals	06/22/2023	1010276923	Canon Solutions America, Inc	17.25

# COMMISSION APPROVAL LISTING

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
55110	355	Travel	06/08/2023	1010276878	Michelle A Tipton	99.56
55110	355	Travel	06/08/2023	9101000326	Carrie L Farris	500.42
55110	355	Travel	06/08/2023	9101000327	Kim Smith	50.44
55110	435	Office Supplies	06/01/2023	1010276819	Evans Office Supply Co	646.00
55110	435	Office Supplies	06/08/2023	1010276856	English Mountain Coffee	148.00
55110	435	Office Supplies	06/29/2023	1010277003	Walmart Community BRC	169.34
55110	452	Utilities	06/22/2023	1010276919	Atmos Energy	78.77
55110	452	Utilities	06/29/2023	1010276986	Morristown Utilities	1,304.00
55110	599	Other Charges	06/29/2023	1010277003	Walmart Community BRC	377.16
<b>55110</b>	<b>Local Health Center</b>			<b>Check Count:</b>	<b>14</b>	<b>Total: 5,425.21</b>
55120	307	Communication	06/08/2023	1010276886	Verizon Wireless	68.00
55120	312	Contracts With Private Agencies	06/01/2023	1010276834	Morristown-Hamblen Humane Soc	20,000.00
55120	338	Maintenance And Repair Services - Vehicles	06/22/2023	1010276921	Ivan Byrd	592.00
55120	338	Maintenance And Repair Services - Vehicles	06/29/2023	1010277000	Ultimate Shine Car Wash	60.00
55120	425	Gasoline	06/08/2023	1010276860	Fuelman	611.40
55120	499	Other Supplies And Materials	06/15/2023	1010276903	HomeTrust Bank	288.00
<b>55120</b>	<b>Rabies And Animal Control</b>			<b>Check Count:</b>	<b>6</b>	<b>Total: 21,619.40</b>
55900	309	Contracts With Government Agencies	06/22/2023	1010276938	Hamblen County-Morristown Solid Waste	21,597.08
<b>55900</b>	<b>Other Public Health And Welfare</b>			<b>Check Count:</b>	<b>1</b>	<b>Total: 21,597.08</b>
56700	307	Communication	06/01/2023	1010276836	MUS Fibernet	134.22
56700	336	Maintenance And Repair Services - Equipment	06/08/2023	1010276866	Lane Sales Power Equipment	362.55
56700	336	Maintenance And Repair Services - Equipment	06/08/2023	1010276867	Lowe's	420.05
56700	336	Maintenance And Repair Services - Equipment	06/22/2023	1010276924	Marty Cantwell	50.00
56700	338	Maintenance And Repair Services - Vehicles	06/15/2023	1010276903	HomeTrust Bank	67.44
56700	410	Custodial Supplies	06/08/2023	1010276871	Quality Waste	249.10

# COMMISSION APPROVAL LISTING

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
56700	410	Custodial Supplies	06/29/2023	1010277003	Walmart Community BRC	192.94
56700	412	Diesel Fuel	06/22/2023	1010276964	Voyager Fleet Systems Inc	339.88
56700	415	Electricity	06/15/2023	1010276890	Appalachian Electric Co-Op	58.42
56700	415	Electricity	06/15/2023	1010276905	Morristown Utilities	2,560.00
56700	425	Gasoline	06/22/2023	1010276964	Voyager Fleet Systems Inc	387.30
56700	454	Water And Sewer	06/15/2023	1010276905	Morristown Utilities	2,819.00
56700	599	Other Charges	06/01/2023	1010276830	K-Chemicals, Inc.	284.92
56700	599	Other Charges	06/15/2023	1010276896	Citizen Tribune	71.45
56700	599	Other Charges	06/22/2023	1010276932	English Mountain Spring Water	37.00
56700	791	Other Construction	06/01/2023	1010276833	Morristown Signs, Inc	1,710.00
56700	791	Other Construction	06/08/2023	1010276867	Lowe's	268.63
<b>56700</b>		<b>Parks And Fair Boards</b>		<b>Check Count:</b>	<b>14</b>	<b>Total: 10,012.90</b>
57100	140	Salary Supplements	06/08/2023	1010276882	University Of TN Extension	45,921.45
57100	307	Communication	06/08/2023	1010276854	Century Link/Business Services	7.13
57100	355	Travel	06/15/2023	1010276900	Martha Henry	65.50
57100	435	Office Supplies	06/29/2023	1010276978	Evans Office Supply Co	597.05
<b>57100</b>		<b>Agricultural Extension Service</b>		<b>Check Count:</b>	<b>4</b>	<b>Total: 46,591.13</b>
57800	399	Other Contracted Services	06/22/2023	1010276926	Citizen Tribune	40.29
<b>57800</b>		<b>Storm Water Management</b>		<b>Check Count:</b>	<b>1</b>	<b>Total: 40.29</b>
58110	399	Other Contracted Services	06/08/2023	1010276889	William Morris Endeavor	10,000.00
58110	399	Other Contracted Services	06/29/2023	1010276977	ESP, LLC	4,000.00
58110	399	Other Contracted Services	06/29/2023	1010276999	Eddie Turner	161.60
58110	399	Other Contracted Services	06/29/2023	9101000330	Patricia A Bowman	48.08
<b>58110</b>		<b>Tourism</b>		<b>Check Count:</b>	<b>4</b>	<b>Total: 14,209.68</b>

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ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: General Fund #(101)</b>						
58300	307	Communication	06/08/2023	1010276854	Century Link/Business Services	1.07
<b>58300</b>		<b>Veterans' Services</b>		<b>Check Count:</b>	<b>1</b>	<b>Total: 1.07</b>
58600	299	Other Fringe Benefits	06/22/2023	1010276936	Hamblen Co Dept Of Education	137.50
<b>58600</b>		<b>Employee Benefits</b>		<b>Check Count:</b>	<b>1</b>	<b>Total: 137.50</b>
58900	399	Other Contracted Services	06/01/2023	1010276815	City of Morristown	335.00
58900	399	Other Contracted Services	06/15/2023	1010276897	City of Morristown	1,101.00
<b>58900</b>		<b>Miscellaneous</b>		<b>Check Count:</b>	<b>2</b>	<b>Total: 1,436.00</b>
91110	708	Communication Equipment	06/29/2023	1010276988	MXN Corporation	566.00
<b>91110</b>		<b>General Administration Projects</b>		<b>Check Count:</b>	<b>1</b>	<b>Total: 566.00</b>
91140	304	Architects	06/15/2023	1010276892	Barber McMurry Architects	33,549.01
<b>91140</b>		<b>Public Health And Welfare Projects</b>		<b>Check Count:</b>	<b>1</b>	<b>Total: 33,549.01</b>
<b>General Fund #(101) Total:</b>						<b>435,328.76</b>

# COMMISSION APPROVAL LISTING

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Date/Time: 7/5/2023 9:19:25 AM

ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: Solid Waste/Sanitation Fund #(116)</b>						
55710	299	Other Fringe Benefits	06/22/2023	1160025060	Hamblen Co Dept Of Education	37.50
55710	302	Advertising	06/22/2023	1160025056	Citizen Tribune	234.90
55710	336	Maintenance And Repair Services - Equipment	06/01/2023	1160025039	DPF Solutions	350.00
55710	336	Maintenance And Repair Services - Equipment	06/01/2023	1160025043	Precision Cutting & Hydraulics, LLC	355.00
55710	336	Maintenance And Repair Services - Equipment	06/08/2023	1160025049	NAPA Auto Parts Of Morristown	2,413.89
55710	336	Maintenance And Repair Services - Equipment	06/08/2023	1160025051	Trent Diesel Services	720.00
55710	336	Maintenance And Repair Services - Equipment	06/22/2023	1160025064	McNeilus Steel, Inc.	212.66
55710	336	Maintenance And Repair Services - Equipment	06/22/2023	1160025065	Mid-State Equip Co,Inc	962.17
55710	336	Maintenance And Repair Services - Equipment	06/22/2023	1160025067	Trent Diesel Services	960.00
55710	336	Maintenance And Repair Services - Equipment	06/29/2023	1160025074	Southern Fluidpower, Inc.	255.90
55710	336	Maintenance And Repair Services - Equipment	06/29/2023	1160025076	Worldwide Equipment, Inc.	9,290.67
55710	353	Towing Services	06/01/2023	1160025041	Malone's Wrecker Service	900.00
55710	359	Disposal Fees	06/22/2023	1160025057	City of Morristown	2,692.62
55710	359	Disposal Fees	06/22/2023	1160025063	Hamblen County-Morristown Solid Waste	92,314.10
55710	412	Diesel Fuel	06/22/2023	1160025059	Fuelman	13,763.46
55710	425	Gasoline	06/22/2023	1160025059	Fuelman	609.06
55710	446	Small Tools	06/08/2023	1160025050	Snap-On Tools	385.00
55710	450	Tires And Tubes	06/08/2023	1160025047	Goforth Tire & Auto, Inc	3,930.63
55710	451	Uniforms	06/08/2023	1160025046	Cintas Corp., Loc. 207	781.22
55710	499	Other Supplies And Materials	06/01/2023	1160025040	Thomas A. Kennedy	326.50
55710	499	Other Supplies And Materials	06/08/2023	1160025046	Cintas Corp., Loc. 207	455.89
55710	499	Other Supplies And Materials	06/15/2023	1160025053	HomeTrust Bank	509.28
55710	499	Other Supplies And Materials	06/15/2023	1160025055	United Parcel Service	41.31
55710	499	Other Supplies And Materials	06/22/2023	1160025058	Elliott Boots	200.00
55710	499	Other Supplies And Materials	06/22/2023	1160025061	Hamblen County Clerk	20.50
55710	499	Other Supplies And Materials	06/29/2023	1160025075	UniFirst First Aid Corp	144.63
55710	715	Land	06/22/2023	1160025062	Hamblen County-Morristown Solid Waste	350,000.00

# COMMISSION APPROVAL LISTING

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Date/Time: 7/5/2023 9:19:25 AM

ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: Solid Waste/Sanitation Fund #(116)</b>						
55710	718	Motor Vehicles	06/01/2023	1160025044	Stringfellow	107,890.87
55710	733	Solid Waste Equipment	06/22/2023	1160025066	Precision Cutting & Hydraulics, LLC	600.00
55710		<b>Sanitation Management</b>		<b>Check Count:</b>	<b>27</b>	<b>Total: 591,357.76</b>
<b>Solid Waste/Sanitation Fund #(116) Total:</b>						<b>591,357.76</b>

# COMMISSION APPROVAL LISTING

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Date/Time: 7/5/2023 9:21:54 AM

ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: Highway/Public Works Fund (#131)</b>						
61000	302	Advertising	06/22/2023	1313044657	Citizen Tribune	456.00
61000	307	Communication	06/01/2023	1313044633	Comcast Cable	76.95
61000	307	Communication	06/08/2023	1313044641	AT&T	170.44
61000	331	Legal Services	06/22/2023	1313044656	Capps & Byrd LLP	82.50
61000	415	Electricity	06/01/2023	1313044635	Morristown Utilities	2,044.00
61000	415	Electricity	06/22/2023	1313044661	Holston Electric Cooperative	918.61
61000	435	Office Supplies	06/01/2023	1313044634	Evans Office Supply Co	110.77
61000	435	Office Supplies	06/29/2023	1313044674	Evans Office Supply Co	62.60
61000	454	Water and Sewer	06/29/2023	1313044676	Morristown Utilities	109.00
61000	599	Other Charges	06/08/2023	1313044642	Elliott Boots	100.00
61000	599	Other Charges	06/08/2023	1313044645	Lowe's	365.85
61000	599	Other Charges	06/08/2023	1313044647	Smoky Mountain Farmers Co-Op	302.98
61000	599	Other Charges	06/15/2023	1313044649	HomeTrust Bank	29.97
61000	599	Other Charges	06/22/2023	1313044662	Gregory Reece Manis	85.00
61000	599	Other Charges	06/29/2023	1313044673	Cintas Corp., Loc. 207	263.52
<b>61000</b>	<b>Administration</b>		<b>Check Count: 15</b>		<b>Total:</b>	<b>5,178.19</b>
62000	312	Contracts With Private Agencies	06/22/2023	1313044666	James Larry Rose	950.00
62000	351	Rentals	06/22/2023	1313044653	A-1 Equipment Rental	1,200.00
62000	404	Asphalt - Hot Mix	06/22/2023	1313044654	Blalock & Sons Inc	6,677.40
62000	404	Asphalt - Hot Mix	06/22/2023	1313044659	Duracap Asphalt Paving Co, Inc	422.86
62000	404	Asphalt - Hot Mix	06/29/2023	1313044672	Apac Atlantic, Inc	21,983.09
62000	408	Concrete	06/22/2023	1313044658	Concrete Materials Inc / Apac	650.00
62000	409	Crushed Stone	06/22/2023	1313044667	Vulcan Materials Company	4,290.52
62000	440	Pipe - Metal	06/01/2023	1313044637	Straight Path Distributing	837.00
62000	440	Pipe - Metal	06/29/2023	1313044679	Straight Path Distributing	13,930.00
62000	443	Road Signs	06/22/2023	1313044663	Morristown Signs, Inc	870.00

# COMMISSION APPROVAL LISTING

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Date/Time: 7/5/2023 9:21:54 AM

ACCT	OB	Name	Date	Check Nbr	Description	Amount Paid
<b>Fund: Highway/Public Works Fund (#131)</b>						
62000	451	Uniforms	06/29/2023	1313044673	Cintas Corp., Loc. 207	1,688.40
<b>62000</b>		<b>Highway And Bridge Maintenance</b>		<b>Check Count: 11</b>	<b>Total:</b>	<b>53,499.27</b>
63100	412	Diesel Fuel	06/22/2023	1313044660	Fuelman	2,973.12
63100	412	Diesel Fuel	06/22/2023	1313044665	Pioneer Petroleum	2,093.89
63100	416	Equipment Parts - Heavy	06/08/2023	1313044646	Meade Tractor	453.60
63100	416	Equipment Parts - Heavy	06/08/2023	1313044648	TriGreen Equipment	3,461.36
63100	416	Equipment Parts - Heavy	06/22/2023	1313044664	NAPA Auto Parts Of Morristown	6,713.52
63100	416	Equipment Parts - Heavy	06/29/2023	1313044678	Stowers Machinery Corporation	2,437.59
63100	424	Garage Supplies	06/29/2023	1313044675	Holston Gases	108.92
63100	425	Gasoline	06/22/2023	1313044655	BP	53.94
63100	425	Gasoline	06/22/2023	1313044660	Fuelman	3,307.65
63100	450	Tires And Tubes	06/08/2023	1313044643	Goforth Tire & Auto, Inc	5,309.66
63100	499	Other Supplies And Materials	06/15/2023	1313044649	HomeTrust Bank	595.60
<b>63100</b>		<b>Operation And Maintenance Of Equipment</b>		<b>Check Count: 10</b>	<b>Total:</b>	<b>27,508.85</b>
<b>Highway/Public Works Fund (#131) Total:</b>						<b>86,186.31</b>

RESOLUTION 23-\_\_\_\_\_  
TO LEVY AN ADDITIONAL COUNTY-WIDE MOTOR VEHICLE TAX

WHEREAS, T.C.A. § 5-8-102 authorizes counties to levy a motor vehicle privilege tax, or "wheel tax," as a condition precedent to the operation of a motor vehicle within the county; and

WHEREAS, under the provisions of the 2002 Hamblen County Wheel Tax Referendum the total motor vehicle privilege tax in Hamblen County currently is twenty-seven dollars (\$27) with proceeds going to any Fund as the Hamblen County Legislative Body determines by resolution; and

WHEREAS, the need for new revenue sources to fund a local paving and road improvements program is great in Hamblen County; and

WHEREAS, the county legislative body of Hamblen County has determined that it is in the best interests of the county that an additional motor vehicle privilege tax in the amount of twenty-three dollars (\$23) be levied in Hamblen County as provided herein, so that the total motor vehicle privilege tax in Hamblen County will be fifty dollars (\$50).

NOW, THEREFORE BE IT RESOLVED by the county legislative body of Hamblen County meeting in regular session at Morristown, Tennessee, on the 20<sup>th</sup> day of July, 2023 that:

SECTION 1. For the privilege of using the public roads and highways in Hamblen County, Tennessee, there is levied upon motor-driven vehicles, and upon the privilege of the operation thereof, except motorcycles, motor-driven bicycles and scooters, farm tractors, self-propelled farm machines not usually used for operation upon public highways or roads, and motor-driven vehicles owned by any governmental agency or governmental instrumentality, and except for other exemptions provided by general law, a special privilege tax for the benefit of such county, which tax shall be in the amount of twenty-three dollars (\$23) for each such motor-driven vehicle, the owner of which resides within said county. This tax applies to, is a levy upon, and shall be paid on each motor-driven vehicle, the owner of which resides within said county. This tax shall be in addition to all other motor vehicle privilege taxes now levied in Hamblen County.

SECTION 2. The tax herein levied shall be paid to and collected by the County Clerk of Hamblen County, who is authorized by T.C.A. § 67-4-103 to collect such privilege taxes. The County Clerk shall collect this tax at the same time he or she collects the state privilege tax levied upon the operation of a motor-driven vehicle over the public highways of this state, and all other county motor vehicle privilege taxes levied in Hamblen County. The County Clerk shall deduct a fee of five percent (5%), or such higher or lower fee as may from time to time be authorized under T.C.A. § 8-21-701 for receiving and paying over county revenue, from the amount of taxes collected and paid over to the County Trustee.

SECTION 3. Payment of the privilege tax imposed hereunder shall be evidenced by a receipt, issued in duplicate by the County Clerk, the original of which shall be kept by the owner of the motor-driven vehicle, and by the same decal or emblem issued by the County Clerk to evidence payment of all other motor vehicle privilege taxes levied in Hamblen County.

SECTION 4. The privilege tax or wheel tax herein levied, when paid, together with full, complete and explicit performance of and compliance with all provisions of this resolution by the owner, and payment of all other motor vehicle privilege taxes levied in Hamblen County, shall entitle the owner of the motor-driven vehicle for which said tax was paid and on which the required decal or emblem has been affixed to operate or allow to be operated his vehicle over the streets, roads and highways of the county for a period of one (1) year which will run concurrently with the period established by T.C.A. § 55-4-104 for state registration fees.

In the event a wheel tax decal or emblem is sold by the Clerk for a period of more or less than a twelve-month period, the tax imposed shall be proportionate to the annual tax fixed for the vehicle and modified in no other manner, except that the proportional tax shall be rounded off to the nearest quarter of a dollar.

SECTION 5. If any motor-driven vehicle, for which all wheel taxes have been paid and the required decal or emblem issued and placed thereon, becomes unusable or is destroyed or damaged to the extent that it can no longer be operated over the public roads, streets or highways of said county, or in the event that the owner transfers the title to such vehicle, or completely removes therefrom and destroys the decal or emblem issued for and placed thereon, and the owner makes proper application to the Clerk for the issuance of a duplicate decal or emblem to be used by the applicant on

another vehicle for the unexpired term for which the original decal or emblem was issued, and the Clerk is satisfied that the applicant is entitled to the issuance of a duplicate decal or emblem and the applicant pays into the hands of the Clerk the sum of seven dollars and fifty cents (\$7.50), the Clerk will then issue to such owner a duplicate receipt, cancelling the original receipt delivered to the Clerk by the applicant, and will deliver to the applicant a duplicate decal or emblem, which shall be affixed to the motor-driven vehicle for which it is issued, and such duplicate decal or emblem shall entitle the applicant to operate or allow to be operated the vehicle upon the streets, roads, and highways of said county for the remainder of the period for which the original decal or emblem was issued. Likewise, in the event a decal or emblem becomes obliterated, erased, or defaced, or is destroyed under the provisions of this act, and is therefore illegible and unusable by the owner, upon proper application made by the owner and filed with the Clerk, showing such circumstances and facts to be true, then the Clerk, upon receipt from the applicant of seven dollars and fifty cents (\$7.50), may issue and deliver to the applicant a duplicate decal or emblem.

SECTION 6. The proceeds of the additional \$23 motor vehicle privilege tax herein levied shall be placed in the County Highway Capital Projects Fund and shall be used to repair and resurface roads, prepare roads and roadbeds for resurfacing, install guardrails, stripe roads, repair bridges and provide matching money for state and federal road improvements programs (such as the state aid program) for roads whose maintenance is the responsibility of Hamblen County Government.

SECTION 7. If any provision of this resolution or the application thereof to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of this resolution which can be given effect without the invalid provision or application, and to that end the provisions of this resolution are declared to be severable.

SECTION 8. This resolution shall have no effect unless it is approved by a two-thirds (2/3) vote of the County Legislative Body of Hamblen County at two (2) consecutive regularly scheduled meetings.

SECTION 9. For the purpose of approving or rejecting the provisions of this act, it shall be effective upon being approved by a two-thirds (2/3) vote of the County Legislative Body of Hamblen County at two (2) consecutive regularly scheduled meetings. For the purpose of collection of the tax herein levied, such collection shall begin on the first day of November, 2023, unless this resolution is subject to a referendum election pursuant to T.C.A. § 5-8-102, whereupon collection of the tax herein levied shall begin on the first day of the month following the month that this resolution is approved at a referendum.

Passed 1st reading at the regular July 20, 2023 meeting of the Hamblen County Legislative Body.

Voting for:

Voting against:

APPROVED:

ATTEST:

\_\_\_\_\_ County Mayor

\_\_\_\_\_ County Clerk

Passed 2nd reading at the regular August 24, 2023 meeting of the Hamblen County Legislative Body.

Voting for:

Voting against:

APPROVED:

ATTEST:

\_\_\_\_\_ County Mayor

\_\_\_\_\_ County Clerk

# **MEMORANDUM OF UNDERSTANDING AMONG THE HAMBLLEN COUNTY LEGISLATIVE BODY, ROAD COMMISSION AND HIGHWAY SUPERINTENDENT REGARDING THE NEED FOR ROAD REPAIRS AND RESURFACING**

This Memorandum of Understanding made and entered into on this 20th day of July, 2023 by and between the Hamblen County Legislative Body (HCLB), County Road Commission (HCRC) and County Highway Superintendent (Superintendent) for the purpose of publicly committing revenue generated by a \$23 County Motor Vehicle Privilege Tax (Wheel Tax) for the use of road repairs and resurfacing.

WHEREAS, the HCLB, the HCRC and the Superintendent have identified the poor condition of many county roads as a major concern within the County; and,

WHEREAS, the HCLB, the HCRC and the Superintendent are committed to improving road conditions by increasing the number of road miles that will be repaired and/or resurfaced each year; and,

WHEREAS, the HCLB, the HCRC and the Superintendent recognize that there is a need for a recurring revenue source earmarked for repairing and resurfacing of County roads; and

WHEREAS, the HCLB is considering the adoption of a \$23 increase of the County Motor Vehicle Privilege Tax (Wheel Tax) specifically dedicated to paying for road repairs and resurfacing;

NOW, THEREFORE, in consideration of the above-mentioned facts, the HCLB, HCRC and the Superintendent jointly commit to use the money generated by the Wheel Tax increase to repair and/or resurface the roads identified and prioritized by the public bodies responsible for maintaining the roads of Hamblen County.

IN WITNESS WHEREOF, the parties hereto have caused their duly authorized officials to execute this Memorandum of Understanding.

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Chairman, Hamblen Legislative Body

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Chairman, Hamblen County Road Commission

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Hamblen County Highway Superintendent

7/7/2023

[Return to Committee Cover](#)

# Interfund Capital Outlay Note Resolution

Resolution No. 23-\_\_\_\_

RESOLUTION OF THE GOVERNING BODY OF  
HAMBLÉN COUNTY, TENNESSEE,  
AUTHORIZING THE ISSUANCE, SALE, AND PAYMENT OF  
HAMBLÉN COUNTY INTERFUND CAPITAL OUTLAY NOTES  
NOT TO EXCEED \$560,000

WHEREAS, the Governing Body of Hamblen County Tennessee, (the "Local Government") has determined that it is necessary and desirable to issue interfund capital outlay notes in order to provide funds for the following public works project: **the purchase of highway equipment and motor vehicles to be used to repair and resurface Hamblen County roads from the Highway Capital Projects Fund (#176) at a cost of \$560,000** and an economic life of **15 years** (the "Project"); and

WHEREAS, the Governing Body has determined that the Project is a public works project within the meaning of the Act (as defined below); and

WHEREAS, under the provisions of Parts I, IV and VI of Title 9, Chapter 21, Tennessee Code Annotated (the "Act"), local governments in Tennessee are authorized to finance the cost of this Project through the issuance and sale of interest-bearing interfund capital outlay notes upon the approval of the Comptroller of the Treasury or Comptroller's designee; and

WHEREAS, the Governing Body finds that it is advantageous to the Local Government to authorize the issuance of capital outlay notes to finance the cost of the Project;

NOW THEREFORE, BE IT RESOLVED by the Governing Body of Hamblen County Tennessee, as follows:

**Section 1.** For the purpose of providing funds to finance the cost of the Project, the chief executive officer of the Local Government is hereby authorized in accordance with the terms of this resolution, and upon approval of the Comptroller of the Treasury or Comptroller's designee, to issue and sell interest-bearing capital outlay notes in a principal amount not to exceed **Five Hundred Sixty Thousand Dollars (\$560,000)** (the "Notes") from the **General Debt Service Fund (#151) to the Highway Capital Projects Fund (#176)**. The Notes shall be designated **"Highway Capital Projects Interfund Capital Outlay Notes, Series 2023"**; shall be numbered serially from 1 upwards; shall be dated as of the date of issuance; shall be in denomination(s) as agreed upon with the purchaser; shall be sold at not less than 99% of par value plus accrued interest if any; and shall bear interest at a rate or rates not to exceed **zero percent (0%)** per annum, and in no event shall the rate exceed the legal limit provided by law.

**Section 2.** The Notes shall mature not later than **three (3)** fiscal years after the fiscal year of issuance and, unless otherwise approved by the Comptroller of the Treasury or Comptroller's designee, the Notes shall be amortized through mandatory redemption in amounts reflecting level debt service on the Notes or an equal amount of principal paid in each fiscal year as is agreed upon by the chief executive officer and the Purchaser. The principal amount paid in each fiscal year shall be set forth in the form of the Note. The weighted average maturity of the Notes shall not exceed the reasonably expected weighted average life of the Project which is hereby estimated to be **15 years**.

**Section 3.** The Notes shall be subject to redemption at the option of the Local Government, in whole or in part, at any time, at the principal amount and accrued interest to the date of redemption, without a premium, or, if sold at par, with or without a premium of not exceeding one percent (1%) of the principal amount as determined with the purchaser.

**Section 4.** The Notes shall be direct general obligations of the Local Government, for which the punctual payment of the principal and interest on the Notes, the full faith and credit of the Local Government is irrevocably pledged, and the Local Government hereby pledges its taxing power as to all taxable property in the Local Government for the purpose of providing funds for the payment of principal of and interest on the Notes. The Governing Body of the Local Government hereby authorizes the levy and collection of a special tax on all taxable property of the Local Government over and above all other taxes authorized by the Local Government to create a sinking fund to retire the Notes with interest as they mature in an amount necessary for that purpose.

**Section 5.** The Notes shall be executed in the name of the Local Government; shall bear the signature of the chief executive officer of the Local Government and the signature of the recording officer of the Local Government and shall be payable as to principal and interest at the office of recording officer of the Local Government or at the office of the paying agent duly appointed by the Local Government. Proceeds of the Notes shall be deposited with the official designated by law as custodian of the funds of the Local Government. All proceeds shall be paid out for financing the Project pursuant to this Resolution and as required by law.

**Section 6.** The Notes will be issued in fully registered form and that at all times during which any Note remains outstanding and unpaid, the Local Government or its agent shall keep or cause to be kept at its office a note register for the registration, exchange or transfer of the Notes. The note register, if held by an agent of the Local Government, shall at all times be open for inspection by the Local Government or any duly authorized officer of the Local Government. Each Note shall have the qualities and incidents of a negotiable instrument and shall be transferable only upon the note register kept by the Local Government or its agent, by the registered owner of the Note in person or by the registered owner's attorney duly authorized in writing, upon presentation and surrender to the Local Government or its agent together with a written instrument or transfer satisfactory to the Local Government duly executed by the registered owner or the registered owner's duly authorized attorney. Upon the transfer of any such Note, the Local Government shall issue in the name of the transferee a new registered note or notes of the same aggregate principal amount and maturity as the surrendered Notes. The Local Government shall not be obligated to make any such Note transfer during the fifteen (15) days next preceding an interest payment date on the Notes or, in the case of any redemption of the Notes, during the forty-five (45) days next preceding the date of redemption.

**Section 7.** The Notes shall be in substantially the form attached as Attachment 1 with only changes as are necessary or appropriate to comply with the requirements of the purchaser thereof as determined by the chief executive officer.

**Section 8.** The Notes shall be issued as an interfund loan from the General Debt Service Fund (#151) to the Highway Capital Projects Fund (#176), as authorized in T.C.A. § 9-21-408.

**Section 9.** The Notes shall not be sold until receipt of the Comptroller of the Treasury or Comptroller's Designee's written approval for the sale of the Notes.

**Section 10.** The chief executive officer is authorized to designate the Notes as qualified tax-exempt obligations for the purpose of Section 265(b) (3) of the Internal Revenue Code of 1986 if so eligible to be designated.

**Section 11.** After the sale of the Notes, and for each year that any of the Notes are outstanding, the Local Government shall prepare an annual budget and budget ordinance in a form consistent with accepted governmental standards and as approved by the Comptroller of the Treasury or Comptroller's designee. The budget shall be kept balanced during the life of the Notes and shall appropriate sufficient monies to pay all annual debt service. The annual budget and ordinance shall be submitted to the Comptroller of the Treasury or Comptroller's designee immediately upon its adoption; however, it shall not become the official budget for the fiscal year until such budget is approved by the Comptroller of the Treasury or Comptroller's Designee in accordance with Title 9, Chapter 21, Tennessee Code Annotated (the "Statutes"). If the Comptroller of the Treasury or Comptroller's designee determines that the budget does not comply with the Statutes, the Governing Body shall adjust its estimates or make additional tax levies sufficient to comply with the Statutes, or as directed by the Comptroller of the Treasury or Comptroller's designee.

**Section 12.** All orders or resolutions in conflict with this Resolution are hereby repealed insofar as such conflict exists and this Resolution shall become effective immediately upon its passage.

Duly passed and approved this 20<sup>th</sup> day of July 2023.

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(Local Government Chief Executive)

ATTESTED:

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(Recording Officer)

Attachment 1  
CAPITAL OUTLAY NOTE FORM

Registered Note No. **1a**

Registered **\$560,000**

Hamblen County Government  
of the State of Tennessee  
Capital Outlay Notes, Series 2024

DATED: September 1, 2023

INTEREST RATE: **0.00%**

MATURITY DATE: August 31, 2026

Registered Owner: **Hamblen County Government**

Principal Sum: **Five Hundred Sixty Thousand Dollars (\$560,000.00)**

Governing Body of Hamblen County, Tennessee (the Local Government) hereby acknowledges itself indebted, and for value received hereby promises to pay to the Registered Owner hereof (named above), or registered assigns, the Principal Sum specified above on the Maturity Date specified above or according to an amortization schedule attached hereto (unless this note shall have been duly called for prior redemption and payment of the redemption price shall have been duly made or provided for), upon presentation and surrender to the Local Government or its agent, and to pay interest on the Principal Sum on May 1, 2024 and thereafter on May 1<sup>st</sup> of each year at the Interest Rate per annum specified above or according to an amortization schedule attached hereto, by check, draft, or warrant mailed to the Registered Owner at the address of the Registered Owner as it appears on the fifteenth (15th) calendar day of the month next preceding the applicable payment date in the note register maintained by or on behalf of the Hamblen County Local Government. Both principal of and interest on this note are payable at the office of the of the **Hamblen County Trustee** or a paying agent duly appointed by the Local Government in lawful money of the United States of America.

This note is a direct obligation of the Local Government for the payment of which as to both principal and interest the full faith and credit of the Local Government is pledged.

[This note is subject to redemption prior to its stated maturity in whole or in part at any time at the option of the Local Government upon payment of the principal amount of the note together with the interest accrued thereon to the date of redemption with a premium of **0.00%** of par value.][This note is not subject to redemption prior to maturity.] [Select one option.]

This note is issued under the authority of Parts I, IV, and VI of Title 9, Chapter 21, Tennessee Code Annotated, and a Resolution duly adopted by the Governing Body of the Local Government meeting on the **20<sup>th</sup> day of July, 2023** (the "Resolution") to provide funds to finance the cost of public works projects referenced in the Resolution.

This note shall have the qualities and incidents of a negotiable instrument and shall be transferable only upon the note register kept by the Local Government or its agent, by the Registered Owner of the note in person or by the Registered Owner's attorney duly authorized in writing, upon presentation and surrender to the Local Government or its agent of the note together with a written instrument of transfer satisfactory to the Local Government duly executed by the Registered Owner or the Registered Owner's duly authorized attorney but only in the manner as provided in the Resolution of the Local Government authorizing the issuance of this note and upon surrender hereof for cancellation. Upon the transfer of any such note, the Local Government or its agent shall issue in the name of the transferee a new registered note or notes of the same aggregate principal amount and maturity as the surrendered note. The Local Government shall not be obligated to make any such Note transfer during the fifteen (15) days next preceding an interest payment date on the Notes or, in the case of any redemption of the Notes, during the forty-five (45) days next preceding the date of redemption.

Pursuant to Tenn. Code Ann. Section 9-21-117, this note and interest thereon are exempt from all state, county, and municipal taxation except for inheritance, transfer and estate taxes and except as otherwise provided under the laws of the State of Tennessee.

IT IS HEREBY CERTIFIED, RECITED AND DECLARED that all acts, conditions and things required to exist, happen and be performed precedent to and in the issuance of this note exist, have happened and have been performed in due time, form and manner as required by the Constitution and laws of the State of Tennessee, and that the amount of this note, together with all other indebtedness of the Local Government, does not exceed any constitutional or statutory limitation thereon, and that this note is within every constitutional and statutory limitation.

IN WITNESS WHEREOF, the Governing Body of the Local Government has caused this note to be executed in the name of the Local Government by the signature of the **Hamblen County Mayor** and attested by the signature of the **Hamblen County Clerk** with the Seal of the Local Government affixed hereto or imprinted hereon, and this note to be dated as of the **20th day of July, 2023**.

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(Local Government Chief Executive)

ATTESTED:

---

(Recording Officer)

## ASSIGNMENT

Note No. **1a**

Amount: **\$650,000**

For value received, the undersigned hereby sells, assigns, and transfers unto

---

(Name and Address of assignee)

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(Please indicate social security or other tax identifying number of assignee)

The within-mentioned note and hereby irrevocably constitutes and appoints \_\_\_\_\_  
attorney-in-fact, to transfer the same on the note register in the office of the \_\_\_\_\_  
\_\_\_\_\_ or the agent of the Local Government with full power of substitution in the premises.

Date: \_\_\_\_\_

Assignor: \_\_\_\_\_

Address: \_\_\_\_\_

## David M. Cribley

---

**From:** Jesse Lowe <jlowe@axon.com>  
**Sent:** Tuesday, June 13, 2023 10:11 AM  
**To:** David M. Cribley  
**Subject:** Axon Renewal quote for Hamblen County Sheriff's Office  
**Attachments:** HCSO 2023 Renewal.pdf

**CAUTION:** This email message originated from outside of Hamblen County Government. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Captain,

Thanks for your time yesterday. I've attached the updated quote for the renewal of your BWC program and upgrade to Fleet 3. The quote also includes new incentives to stay with Axon and are valid as long as HCSO executes the contract before 6/30/2023. The discounts we included total \$33,250. We're excited to keep HCSO as a satisfied customer and look forward to working with you for many years to come:

- 45x Axon Body 3 @ 50%
  - Discount = \$16,478
- 3x Axon Body 3 8 bay docks @ 50%
  - Discount = \$2,392
- 44x Auto-tagging licenses @ 50%
  - Discount = \$11,380
- Auto Tagging implementation @ 100%
  - Discount = \$3000

As requested, here is a quick breakdown the BWC related items from page 2 of the quote.

- SKU 73683 10GB Evidence.com
  - 5000GB of storage for digital evidence. BWC videos, CCTV, files and any other digital files
- Basic License Bundle
  - Evidence.com license for BWC/Fleet users
- Pro License Bundle
  - Evidence.com license for BWC/Fleet users + Admins
- Auto-tagging License + Implementation
  - Connects evidence.com to your CAD. Automatically applies case numbers and categories (retention periods) to BWC and Fleet videos. Saves hours per month per deputy, who can concentrate on their duties vs spending time tagging videos, and supervisors can stop having to track down those who have untagged videos.

All other items are Fleet 2 and Fleet 3 related. Anything with a 12-month term is to cover Fleet 2 until Fleet 3 is installed next year. The True Up SKU covers Fleet 3 hardware payments. Please note the quote shows 44 cameras but there is also a 45<sup>th</sup> that will ship as we include a spare for every 30 purchased.

If you have any questions, feel free to reach out. If all looks good to yourself and Sheriff, please keep me posted on the timeline for signature so we can keep our teams updated to get the equipment ready to go. Thank you for your help on this project!

Best,

**JESSE LOWE**  
Account Executive

**M** / 847-514-5377  
**O** / 704-376-2029

**AXON.COM**

Learn more about the TASER 10 [here](#)



Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning.



Axon Enterprise, Inc.  
17800 N 85th St.  
Scottsdale, Arizona 85255  
United States  
VAT: 86-0741227  
Domestic: (800) 978-2737  
International: +1.800.978.2737

Q-461672-45090.569JL

Issued: 06/13/2023

Quote Expiration: 06/30/2023

Estimated Contract Start Date: 07/01/2023

Account Number: 127771

Payment Terms: N30

Delivery Method:

SHIP TO	BILL TO	SALES REPRESENTATIVE	PRIMARY CONTACT
Delivery; Invoice-510 Allison St  510 Allison St Morristown, TN 37814-4057 USA	Hamblen County Sheriff's Office - TN  510 Allison St Morristown TN 37814-4057 USA Email:	Jesse Lowe  Phone: (847) 514-5377  Email: jlowe@axon.com Fax:	David Cribley  Phone: 423-585-4049  Email: dcribley@co.hamblen.tn.us Fax:

## Quote Summary

Program Length	60 Months
<b>TOTAL COST</b>	<b>\$369,172.74</b>
<b>ESTIMATED TOTAL W/ TAX</b>	<b>\$369,172.74</b>

## Discount Summary

Average Savings Per Year	\$17,793.40
<b>TOTAL SAVINGS</b>	<b>\$88,967.02</b>

## Payment Summary

Date	Subtotal	Tax	Total
Jun 2023	\$91,190.54	\$0.00	\$91,190.54
Jun 2024	\$69,495.56	\$0.00	\$69,495.56
Jun 2025	\$69,495.56	\$0.00	\$69,495.56
Jun 2026	\$69,495.56	\$0.00	\$69,495.56
Jun 2027	\$69,495.52	\$0.00	\$69,495.52
<b>Total</b>	<b>\$369,172.74</b>	<b>\$0.00</b>	<b>\$369,172.74</b>

Quote Unbundled Price:	\$458,139.76
Quote List Price:	\$450,758.32
Quote Subtotal:	\$369,172.74

## Pricing

*All deliverables are detailed in Delivery Schedules section lower in proposal*

Item	Description	Qty	Term	Unbundled	List Price	Net Price	Subtotal	Tax	Total
<b>Program</b>									
80460	FLEET 3 BUNDLE TRUE UP	33	12		\$78.00	\$78.00	\$30,888.00	\$0.00	\$30,888.00
Fleet3B	Fleet 3 Basic	33	48	\$162.84	\$158.18	\$129.43	\$205,017.12	\$0.00	\$205,017.12
<b>A la Carte Hardware</b>									
AB3MBD	AB3 Multi Bay Dock Bundle	3			\$1,595.00	\$797.50	\$2,392.50	\$0.00	\$2,392.50
AB3C	AB3 Camera Bundle	44			\$749.00	\$374.50	\$16,478.00	\$0.00	\$16,478.00
<b>A la Carte Software</b>									
73682	AUTO TAGGING LICENSE	44	60		\$9.00	\$4.31	\$11,380.16	\$0.00	\$11,380.16
87050	FLEET VIEW XL LICENSE	33	12		\$29.00	\$29.00	\$11,484.00	\$0.00	\$11,484.00
80410	FLEET, UNLIMITED STORAGE, 1 CAMERA	66	12		\$17.00	\$17.00	\$13,464.00	\$0.00	\$13,464.00
73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	500	60		\$0.60	\$0.60	\$18,000.00	\$0.00	\$18,000.00
BasicLicense	Basic License Bundle	44	60		\$16.87	\$16.25	\$42,900.00	\$0.00	\$42,900.00
ProLicense	Pro License Bundle	4	60		\$42.91	\$42.25	\$10,139.96	\$0.00	\$10,139.96
<b>A la Carte Services</b>									
79999	AUTO TAGGING / PERFORMANCE IMPLEMENTATION SERVICE	1			\$3,000.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>A la Carte Warranties</b>									
11641	CRADLEPOINT, NETCLOUD, RENEWAL, 1YR	33			\$213.00	\$213.00	\$7,029.00	\$0.00	\$7,029.00
<b>Total</b>							<b>\$369,172.74</b>	<b>\$0.00</b>	<b>\$369,172.74</b>

## Delivery Schedule

### Hardware

Bundle	Item	Description	QTY	Estimated Delivery Date
AB3 Camera Bundle	11534	USB-C to USB-A CABLE FOR AB3 OR FLEX 2	49	07/01/2023
AB3 Camera Bundle	73202	AXON BODY 3 - NA10 - US - BLK - RAPIDLOCK	44	07/01/2023
AB3 Camera Bundle	73202	AXON BODY 3 - NA10 - US - BLK - RAPIDLOCK	1	07/01/2023
AB3 Camera Bundle	74022	SM POCKET MOUNT, 4 IN, AXON RAPIDLOCK	49	07/01/2023
AB3 Multi Bay Dock Bundle	71019	NORTH AMER POWER CORD FOR AB3 8-BAY, AB2 1-BAY / 6-BAY DOCK	3	07/01/2023
AB3 Multi Bay Dock Bundle	74210	AXON BODY 3 - 8 BAY DOCK	3	07/01/2023
Fleet 3 Basic	70112	AXON SIGNAL UNIT	33	06/01/2024
Fleet 3 Basic	72036	FLEET 3 STANDARD 2 CAMERA KIT	33	06/01/2024
Fleet 3 Basic	72036	FLEET 3 STANDARD 2 CAMERA KIT	1	06/01/2024

### Software

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
Basic License Bundle	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	44	07/01/2023	06/30/2028
Basic License Bundle	73840	EVIDENCE.COM BASIC ACCESS LICENSE	44	07/01/2023	06/30/2028
Pro License Bundle	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	12	07/01/2023	06/30/2028
Pro License Bundle	73746	PROFESSIONAL EVIDENCE.COM LICENSE	4	07/01/2023	06/30/2028
A la Carte	73682	AUTO TAGGING LICENSE	44	07/01/2023	06/30/2028
A la Carte	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	500	07/01/2023	06/30/2028
A la Carte	80410	FLEET, UNLIMITED STORAGE, 1 CAMERA	66	07/01/2023	06/30/2024
A la Carte	87050	FLEET VIEW XL LICENSE	33	07/01/2023	06/30/2024
Fleet 3 Basic	80400	FLEET, VEHICLE LICENSE	33	07/01/2024	06/30/2028
Fleet 3 Basic	80410	FLEET, UNLIMITED STORAGE, 1 CAMERA	66	07/01/2024	06/30/2028

### Services

Bundle	Item	Description	QTY
Fleet 3 Basic	73391	FLEET 3 DEPLOYMENT (PER VEHICLE)	33
A la Carte	79999	AUTO TAGGING / PERFORMANCE IMPLEMENTATION SERVICE	1

### Warranties

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
A la Carte	11641	CRADLEPOINT, NETCLOUD, RENEWAL, 1YR	33	07/01/2023	06/30/2028
Fleet 3 Basic	80379	EXT WARRANTY, AXON SIGNAL UNIT	33	07/01/2024	06/30/2028
Fleet 3 Basic	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	1	06/01/2025	06/30/2028
Fleet 3 Basic	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	33	07/01/2025	06/30/2028

## Payment Details

### Jun 2023

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
BWC - Year 1	73682	AUTO TAGGING LICENSE	44	\$2,276.04	\$0.00	\$2,276.04
BWC - Year 1	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	500	\$3,600.00	\$0.00	\$3,600.00
BWC - Year 1	BasicLicense	Basic License Bundle	44	\$8,580.00	\$0.00	\$8,580.00
BWC - Year 1	ProLicense	Pro License Bundle	4	\$2,028.00	\$0.00	\$2,028.00
BWC Hardware	79999	AUTO-TAGGING / PERFORMANCE IMPLEMENTATION SERVICE	1	\$0.00	\$0.00	\$0.00
BWC Hardware	AB3C	AB3 Camera Bundle	44	\$16,478.00	\$0.00	\$16,478.00
BWC Hardware	AB3MBD	AB3 Multi Bay Dock Bundle	3	\$2,392.50	\$0.00	\$2,392.50
Fleet 2	80410	FLEET, UNLIMITED STORAGE, 1 CAMERA	66	\$13,464.00	\$0.00	\$13,464.00
Fleet 2	80460	FLEET 3 BUNDLE TRUE UP	33	\$30,888.00	\$0.00	\$30,888.00
Fleet 2	87050	FLEET VIEW XL LICENSE	33	\$11,484.00	\$0.00	\$11,484.00
<b>Total</b>				<b>\$91,190.54</b>	<b>\$0.00</b>	<b>\$91,190.54</b>

### Jun 2024

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
BWC - Year 2	73682	AUTO TAGGING LICENSE	44	\$2,276.03	\$0.00	\$2,276.03
BWC - Year 2	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	500	\$3,600.00	\$0.00	\$3,600.00
BWC - Year 2	BasicLicense	Basic License Bundle	44	\$8,580.00	\$0.00	\$8,580.00
BWC - Year 2	ProLicense	Pro License Bundle	4	\$2,027.99	\$0.00	\$2,027.99
Fleet 3 - Year 1	11641	CRADLEPOINT, NETCLOUD, RENEWAL, 1YR	33	\$1,757.25	\$0.00	\$1,757.25
Fleet 3 - Year 1	Fleet3B	Fleet 3 Basic	33	\$51,254.29	\$0.00	\$51,254.29
<b>Total</b>				<b>\$69,495.56</b>	<b>\$0.00</b>	<b>\$69,495.56</b>

### Jun 2025

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
BWC - Year 3	73682	AUTO TAGGING LICENSE	44	\$2,276.03	\$0.00	\$2,276.03
BWC - Year 3	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	500	\$3,600.00	\$0.00	\$3,600.00
BWC - Year 3	BasicLicense	Basic License Bundle	44	\$8,580.00	\$0.00	\$8,580.00
BWC - Year 3	ProLicense	Pro License Bundle	4	\$2,027.99	\$0.00	\$2,027.99
Fleet 3 - Year 2	11641	CRADLEPOINT, NETCLOUD, RENEWAL, 1YR	33	\$1,757.25	\$0.00	\$1,757.25
Fleet 3 - Year 2	Fleet3B	Fleet 3 Basic	33	\$51,254.29	\$0.00	\$51,254.29
<b>Total</b>				<b>\$69,495.56</b>	<b>\$0.00</b>	<b>\$69,495.56</b>

### Jun 2026

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
BWC - Year 4	73682	AUTO TAGGING LICENSE	44	\$2,276.03	\$0.00	\$2,276.03
BWC - Year 4	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	500	\$3,600.00	\$0.00	\$3,600.00
BWC - Year 4	BasicLicense	Basic License Bundle	44	\$8,580.00	\$0.00	\$8,580.00
BWC - Year 4	ProLicense	Pro License Bundle	4	\$2,027.99	\$0.00	\$2,027.99
Fleet 3 - Year 3	11641	CRADLEPOINT, NETCLOUD, RENEWAL, 1YR	33	\$1,757.25	\$0.00	\$1,757.25
Fleet 3 - Year 3	Fleet3B	Fleet 3 Basic	33	\$51,254.29	\$0.00	\$51,254.29

Jun 2026						
Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Total				\$69,495.56	\$0.00	\$69,495.56

Jun 2027						
Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
BWC - Year 5	73682	AUTO TAGGING LICENSE	44	\$2,276.03	\$0.00	\$2,276.03
BWC - Year 5	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE	500	\$3,600.00	\$0.00	\$3,600.00
BWC - Year 5	BasicLicense	Basic License Bundle	44	\$8,580.00	\$0.00	\$8,580.00
BWC - Year 5	ProLicense	Pro License Bundle	4	\$2,027.99	\$0.00	\$2,027.99
Fleet 3 - Year 4	11641	CRADLEPOINT, NETCLOUD, RENEWAL, 1YR	33	\$1,757.25	\$0.00	\$1,757.25
Fleet 3 - Year 4	Fleet3B	Fleet 3 Basic	33	\$51,254.25	\$0.00	\$51,254.25
Total				\$69,495.52	\$0.00	\$69,495.52



Hitech Systems, Inc.  
dba Pulsiam  
16030 Ventura Blvd. Suite 250  
Encino, CA 91436  
www.pulsiam.com

## Estimate

**Requested By:**

Agency: Hamblen County Emergency Communications District  
Attn: Jacob Peoples  
Phone: (432) 312-3902  
Fax:  
email: jpeoples@hamblen911.org

**Generated By:**

Pulsiam Rep: Susan Iverson  
Phone: (310) 691-8105  
Fax:  
Mobile: (818) 599-5939  
email: siverson@pulsiam.com

**Date:** 2023-06-21 **Expiration Date:** 2023-09-30 **Document :** E-90636

Qty	Product Description	Unit Price	Total
<b>Software</b>			
1	SafetyNet CAD Axon Auto-Tagging Interface	\$3,282.68	\$3,282.68
<b>Annual Maintenance</b>			
1	SafetyNet CAD Axon Auto-Tagging Interface	842.82	842.82
<b>Services - Implementation</b>			
1	Implementation, Testing, Documentation, and Project Management	10,919.00	10,919.00
<b>Notes:</b>  This estimate does not include travel, lodging or out of pocket expenses.		<b>Software Subtotal</b>	3,282.68
		<b>Annual Maintenance</b>	842.82
		<b>Services Subtotal</b>	10,919.00
		<b>GRAND TOTAL</b>	<b>\$15,044.50</b>

**Conditions:**

Please contact your Pulsiam representative listed above prior to the estimate expiration date. The work outlined above will only be performed pursuant to a fully executed Work Order.

The grant of any SafetyNet software license is subject to the terms and conditions of the Master License Agreement previously executed by the parties. Maintenance and support services will be provided under the terms and conditions of the Software Maintenance and Support Services Agreement previously executed by the parties.

All prices are in US dollars.

## **BUDGET AMENDMENTS**



TENNESSEE  
**Hamblen County**  
SERVICE • COMMUNITY • INDUSTRY  
OFFICE OF THE MAYOR

## Hamblen County Commission

For the July 2023 Commission Meeting

Fund #101

DEPT: Sheriff's Department

Account Number	Description	Increase	Decrease
	<b>INCREASE APPROPRIATIONS:</b>		
54110.334	Maintenance Agreements	\$ 60,000.00	
	<b>DECREASE FUND BALANCE</b>		
39000.000	Unassigned Fund Balance		\$ 60,000.00
		60,000.00	60,000.00

Brief Descriptions of issue:

To increase appropriations for Maintenance Agreements within the Sheriff's Department due to increased contract pricing from Axon for fleet and body cameras and implementation of auto-tagging software from Hitech Systems (Pulsiam). (We originally budgeted \$95,000 to cover these costs as well as other maintenance agreements.)

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

*Michele Green*  
*Executive Assistant*  
*7-7-23*

For Finance Department Only:

Reviewed by: \_\_\_\_\_

Budget Amendment: \_\_\_\_\_

Date: \_\_\_\_\_

June	2023																
Permit	Date	Applicant	Type	Address	Construction	Permit	SW	Plumbing	Mech.	Gas	Total	Tax Map	Group	Parcel			
23-0253	6/1/23	Matt Sellars	Moving House	108 Britton Drive	\$120,000.00	\$150.00	\$100.00				\$250.00	054C	A	045.00			
23-0254	6/2/23	Brenda Henderson	Storage Blding	1545 Beacon Road	\$1,200.00	\$0.00					\$0.00	053		037.00			
23-0255P	6/5/23	Robert Linkous	Plumbing	8030 St. Clair Rd				\$90.00			\$90.00	013		004.01			
23-0256	6/6/23	Brittany Crigger	House 3149 sf	6320 Turners Pond Trail	\$355,000.00	\$1,362.25	\$100.00				\$1,462.25	011D	A	151.00			
23-0257M	6/6/23	Brittany Crigger	Mechanical	6320 Turners Pond Trail					\$20.00		\$20.00	011D	A	151.00			
23-0258	6/7/23	Dessa Sexton	Above Gd Pool	647 Harvey Drive	\$7,000.00	\$50.00					\$50.00	018K	F	005.00			
23-0259	6/8/23	Mica Rutherford	In-Gd Pool	4663 Fox Creek Circle	\$70,000.00	\$50.00					\$50.00	010L	A	110.00			
23-0260		Cody Brown	Storage Blding	3696 Nena Circle	\$5,200.00	\$50.00					\$50.00	0320	A	011.00			
23-0261	6/13/23	Jamie Lawson	Above Gd Pool & Deck	5549 Buckingham Drive	\$9,832.00	\$86.00					\$86.00	018K	D	007.00			
23-0262	6/13/23	ACDC Construction	House 1835 sf	2866 Cherokee Drive	\$289,400.00	\$791.25	\$100.00				\$891.25	024G	C	001.00			
23-0263M	6/13/23	ACDC Construction	Mechanical	2866 Cherokee Drive					\$15.00		\$15.00	024G	C	001.00			
23-0264	6/14/23	Jeff & Ronda Burns	Addition/Deck	2067 Windy Cove Lane	\$275,000.00	\$0.00					\$0.00	046E	E	004.00			
23-0265	6/14/23	Tim Carlyle	House 1232 sf	1751 Butterfly Court	\$130,000.00	\$677.60	\$100.00				\$777.60	027L	A	045.00			
23-0266	6/14/23	Tim Carlyle	Mechanical	1751 Butterfly Court					\$20.00		\$20.00	027L	A	045.00			
23-0267	6/15/23	Adam & Kacie Ford	House 1924 sf	3047 Three Springs Rd	\$314,500.00	\$1,058.20	\$100.00				\$1,158.20	006		029.03			
23-0268M	6/15/23	Adam & Kacie Ford	Mechanical	3047 Three Springs Rd					\$20.00		\$20.00	006		029.03			
23-0269P	6/16/23	Wade Luke	Plumbing	4476 Danbury Drive				\$85.00			\$85.00	026O	D	033.00			
23-0270	6/16/23	Jamie & Scott Matson	Garage & Carport	905 Drew Drive	\$67,450.41	\$865.00					\$865.00	057		125.00			
23-0271	6/19/23	Joseph Louro	House 2803 sf	2083 Turners Landing Rd	\$275,000.00	\$1,349.05	\$100.00				\$1,449.05	011D	A	045.00			
23-0272M	6/19/23	Joseph Louro	Mechanical	2083 Turners Landing Rd					\$20.00		\$20.00	011D	A	045.00			
23-0273	6/20/23	James E. Moore	Storage Blding	2635 White Oak Grove Rd	\$3,995.64	\$40.00					\$40.00	056		081.00			
23-0274	6/20/23	Michael Holt	Above Gd Pool	5616 Chickasaw Drive	\$8,169.32	\$50.00					\$50.00	040P	C	036.00			
23-0275	6/22/23	H20 Prof, LLC	Remodel	3215 Three Springs Rd	\$98,000.00	\$300.00					\$300.00	006		031.02			
23-0276M	6/22/23	H20 Prof, LLC	Mechanical	3215 Three Springs Rd					\$20.00		\$20.00	006		031.02			
23-0277P	6/22/23	Kirks Services	Plumbing	3215 Three Springs Rd				\$40.00			\$40.00	006		031.02			
23-0278	6/22/23	Anne Young	Storage Blding	5856 Union Grove Rd	\$10,408.07	\$130.00					\$130.00	037		010.05			
23-0279*	6/23/23	Ellis Construction	House 1734 sf	6874 Westgate Circle	\$140,000.00						\$0.00	054F	D	020.00			
23-0280M	6/23/23	Ellis Construction	Mechanical	6874 Westgate Circle							\$0.00	054F	D	020.00			
23-0281	6/23/23	Slacy Grey (M Courtney)	SWMH	2261 Courtney Rd	\$87,298.73	\$100.00					\$100.00	037	Pt of	017.00			
23-0282	6/26/23	Tami Hux	Addition	601 Lakeshore Rd	\$120,000.00	\$634.15					\$634.15	047		058.00			
23-0283M	6/26/23	Tami Hux	Mechanical	601 Lakeshore Rd					\$20.00		\$20.00	047		058.00			
23-0284	6/26/23	Clayton Homes	Modular	658 E Croxdale Rd	\$234,000.00	\$600.00	\$100.00				\$700.00	042		084.06			
23-0285	6/27/23	Alexandria Holder	Deck/Cover	6573 Lainey Jane Ct	\$25,000.00	\$156.00					\$156.00	019G	B	021.00			
23-0286	6/27/23	Carlyle Construction	House 4076 sf	2297 fish Hatchery Rd	\$400,000.00	\$1,679.00	\$100.00				\$1,779.00	042		037.00			
23-0287M	6/27/23	Carlyle Construction	Mechanical / Gas	2297 fish Hatchery Rd					\$20.00	\$20.00	\$40.00	042		037.00			
23-0288P	6/27/23	Darrell Moore	Plumbing	2297 fish Hatchery Rd				\$115.00			\$115.00	042		037.00			
23-0289	6/30/23	Gerald Glisner	House 2813 sf	1696 Windchase Drive	\$371,000.00	\$1,310.15	\$100.00				\$1,410.15	053C	A	017.00			
23-0290M	6/30/23	Gerald Glisner	Mechanical	1696 Windchase Drive					\$50.00		\$50.00	053C	A	017.00			
23-0291	6/29/23	Virginia Giles	Storage Blding	1832 Ferwood Church Rd	\$5,500.00	\$103.00					\$103.00	056		062.01			
23-0292	6/29/23	Tuff Shed	Storage Blding	6566 Lainey Jane Ct	\$5,965.00	\$0.00					\$0.00	019G	B	003.00			
23-0293	6/30/23	Five Star Properties	Modular	4398 Barding Drive	\$190,000.00	\$522.50	\$100.00				\$622.50	044		055.00			
23-0294	6/30/23	Five Star Properties	Modular	4412 Barding Drive	\$190,000.00	\$522.50	\$100.00				\$622.50	044		056.00			
23-0295	6/30/23	Donald Kelly	Above Grd Pool	3356 Springvale Rd	\$5,542.31	\$50.00					\$50.00	043		098.00			
	Total			Total:	\$3,814,461.48	\$12,686.65	\$1,100.00	\$330.00	\$205.00	\$20.00	\$14,341.65						
Running	Total				\$31,268,055.47	\$140,630.82	\$7,300.00	\$9,730.00	\$1,900.00	\$992.50	\$160,553.32						
				Total No.	Amount	Total								ETHRA	Monthly	YTD	
				CHO and Miscellaneous		\$0.00								HOMES	0	0	
				Re-Zoning Request	4	\$300.00	\$300.00										
				Variance Request	2	\$100.00	\$100.00										
				Plat Approval	6	\$1,002.00	\$1,002.00										
				Land Disturbance/Development	1	\$50.00	\$50.00										
				Use on Review		\$0.00	\$0.00										
				Refunds		\$0.00	\$0.00										
				Total Collected			\$1,452.00										
				Running Total Collected			\$2,225.00										

## **BUDGET AMENDMENTS**



TENNESSEE  
Hamblen County  
SERVICE • COMMUNITY • INDUSTRY  
OFFICE OF THE MAYOR

**Budget Amendment approved by County Mayor for review by the County Commission.  
(TCA 5-9-407)**

Fund 101 DEPT: Planning

[illegible]

Brief Descriptions of issue:

To increase appropriations to cover a customer refund in excess of the budgeted amount.

**Requesting Department**

Signature: Gina Whitaker

Title : Department Manager

Date: July 7, 2023

**Approval by County Mayor**

Signature: Bill Buttaen

Title : County Mayor

Date: July 7, 2023

For Finance Department Only:

Reviewed by: \_\_\_\_\_

## Budget Amendment



## Financial Summary Report

Hamblen County Trustee

Printed 07/06/2023 01:15 PM By SCOTTY LONG

Financial Summary Report - June 01, 2023 to June 30, 2023

Fund	Name	Starting Balance	Receipts	Disbursements	Transfers In	Transfers Out	Comm. Adj.	Commission	Ending Balance
101	GENERAL FUND	\$11,185,908.89	\$3,209,691.20	\$1,664,725.68	\$0.00	\$0.00	\$0.00	\$15,216.93	\$12,715,657.48
116	GARBAGE/SOLID WASTE	\$3,368,072.47	\$176,438.06	\$691,035.13	\$0.00	\$0.00	\$0.00	\$1,789.44	\$2,851,685.96
122	DRUG CONTROL	\$343,659.98	\$1,435.46	\$680.18	\$0.00	\$0.00	\$0.00	\$3.04	\$344,412.22
126	SCHOOL EMPLOYEE SELF INSURANCE	\$34,766.11	\$0.00	\$4,495.50	\$5,641.00	\$0.00	\$0.00	\$0.00	\$35,911.61
127	SCHOOL TAX ACCOUNT	\$111.81	\$2,296,766.02	\$1,156,170.40	\$0.00	\$0.00	\$0.00	\$0.00	\$1,140,707.43
128	OPIOID SETTLEMENT FUND	\$1,586,188.66	(\$375,695.44)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,210,493.22
131	HIGHWAY/PUBLIC WORKS	\$567,277.15	\$216,888.17	\$236,238.09	\$0.00	\$0.00	\$0.00	\$2,167.59	\$545,759.64
141	GENERAL PURPOSE SCHOOL	\$22,923,981.68	\$6,763,498.95	\$13,486,434.19	\$0.00	\$0.00	\$0.00	\$29,340.28	\$16,171,706.16
142	SCHOOL FEDERAL PROJECTS	\$1,260,513.99	\$2,266,322.87	\$2,260,062.44	\$0.00	\$0.00	\$0.00	\$0.00	\$1,266,774.42
143	FOOD SERVICE	\$8,123,258.38	\$1,191,757.77	\$422,705.37	\$0.00	\$0.00	\$0.00	\$0.00	\$8,892,310.78
151	GENERAL DEBT SERVICE	\$12,361,213.79	\$369,358.68	\$76,920.71	\$0.00	\$0.00	\$0.00	\$1,406.44	\$12,652,245.32
171	GENERAL CAPITAL PROJECTS	\$4,579,963.55	\$16,056.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,596,020.21
176	HIGHWAY CAPITAL PROJECTS	\$0.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.38
178	AMERICAN RESCUE FUNDS	\$2,899,062.25	\$11,896.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,910,958.80
189	OTHER CAPITAL PROJECTS	\$76,612,050.56	\$295,444.94	\$5,267,617.54	\$0.00	\$0.00	\$0.00	\$0.00	\$71,639,877.96
263	EMPLOYEE SELF-INSURANCE	\$798,281.90	\$275,905.35	\$243,837.63	\$0.00	\$0.00	\$0.00	\$0.00	\$830,349.62
320	FLEX MEDICAL SPENDING	\$6,450.94	\$2,205.04	\$2,205.04	\$0.00	\$0.00	\$0.00	\$0.00	\$6,450.94
351	TRUST AND AGENCY	\$0.00	\$1,577,206.09	\$1,561,434.03	\$0.00	\$0.00	\$0.00	\$15,772.06	\$0.00
999	TRUSTEE'S OFFICE	(\$11,399,459.36)	(\$5,928.00)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$11,405,387.36)
22200	OVERFLOW	\$3,673.17	\$255.88	\$242.04	\$0.00	\$0.00	\$0.00	\$0.00	\$3,687.01
28310	UNDISTRIBUTED TAXES	\$847.41	\$0.00	\$0.00	\$0.00	(\$363.71)	\$0.00	\$0.00	\$1,211.12
29900	FEE/COMMISSION	\$11,401,159.36	\$65,695.78	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,466,855.14
		\$146,656,983.07	\$18,355,200.03	\$27,074,803.97	\$5,641.00	(\$363.71)	\$0.00	\$65,695.78	\$137,877,688.06



## Financial Summary Report

Hamblen County Trustee

Printed 07/06/2023 01:15 PM By SCOTTY LONG

Property Tax Summary	Summary of Assets Beginning Balances	Starting	Debits	Credits	Summary of Assets Ending Balances
CURRENT YEAR	INVESTMENT ACCOUNTS	\$0.00	\$0.00(+)	\$0.00(-)	\$0.00
PRIOR YEAR	CASH	\$1,700.00	\$2,545,313.26(+)	\$2,545,313.26(-)	\$1,700.00
BANKRUPTCY	BANK ACCOUNTS	\$146,651,536.08	\$65,607,316.01(+)	\$74,383,708.02(-)	\$137,875,144.07
INTEREST	COMPENSATION ACCOUNT	\$0.00	\$0.00(+)	\$0.00(-)	\$0.00
	STATE TAX RELIEF	\$1,751.00	\$0.00(+)	\$1,057.00(-)	\$694.00
	UNUSED ACCOUNTS	\$0.00	\$0.00(+)	\$0.00(-)	\$0.00
	TOTAL	146654987.08	\$68,152,629.27	\$76,930,078.28	\$137,877,538.07

This report is submitted in accordance with requirements of section 5-8-505 and 67-5-1902 Tennessee Code, annotated and to the best of my knowledge and belief, accurately reflects transactions of this office June 01, 2023 through June 30, 2023

Signature: \_\_\_\_\_

Title: TRUSTEE

July 06, 2023

Hamblen County Government  
**REAL ESTATE COMMITTEE**

Monday, July 10, 2023

*Immediately Following the Adjournment of the Finance Committee*

Large Courtroom of the Hamblen County Courthouse



**AGENDA**

Mike Reed  
*Chairman*

Stan Harville  
*Vice-Chairman*

Chris Cutshaw  
*Ex-Officio*

Debbie A'Hearn  
*Member*

Rodney Long  
*Member*

1. **Call to Order** – *Chairman Mike Reed*
2. **Visitors Wishing to Address the Committee about Agenda Items Only** –  
*Chairman Mike Reed* (Visitors will be allotted 3 minutes to speak)
3. **New Business** – *Chairman Mike Reed*
  - a. August Tax Sale List-*Trustee Scotty Long*
4. **Items of Interest** - *Chairman Mike Reed*
  - a. None
5. **Adjournment** – *Chairman Mike Reed*

# August Tax Sale List

4	28		28	18.06 1397 SILVER CITY RD	DEBORDE FAYE
4	28		28	18.05 1433 SILVER CITY RD	DEBORDE FAYE EST
1	34P	C	34P	12 E LOUISE AVE	MONTEPEQUE NOEL & CELIA MARISOL MARTINEZ
5	54		54	44.1 5849 BERNIE CIR	PATTERSON BILLY L & ASHLEY D
1	34I	A	34I	22.01 507 N HILL ST	GARCIA MAXIMINO JR & RUBIE E
1	34		34	19 508 THOMPSON CREEK RD	GROOMS JAMES LEE & GROOMS JERRY WALTER & THOMAS JUNE ELLEN GROOMS
1	34		34	17.02 THOMPSON CREEK RD	GROOMS JAMES LEE & GROOMS JERRY WALTER & THOMAS JUNE ELLEN GROOMS
3	5		5	3 2676 ANDERSON BEND RD	JOHNSON KATHERINE SKEEN
3	17K	C	17K	30 2615 JOANNE CIR	HERNANDEZ ALFREDO V
2	31L	A	31L	36 3859 ISAAC AVE	HORTON CAMERON D
1	42A	J	42A	13 312 MONTROSE AVE	JARNIGAN MARY M
4	42O	B	42O	4 416 SHIRLEY LN	LANEY RICHARD E
1	42A	G	42A	3 311 PAULINE AVE	LOVE LENA RUTH L/E
1	24M	B	24M	4 720 CALLAWAY DR	PATTON CLIFFORD EDWARD
5	56		56	47.1 3470 SKEEN RD	PRATT KATHLEEN
2	54H	A	54H	15 794 DOGWOOD LN	RECTOR JAMES E
1	25I	E	25P	18.01 1849 FAIRVIEW RD	SHORT EMMA V
4	19G	A	19G	4 6590 E ANDREW JOHNSON HWY	SHORT ERNEST EDWARD & VICKI E
1	33F	B	33C	9 314 GILBERT ST	STEPP KENNETH D
1	41F	A	41E	16 427 JARNIGAN AVE	THARP LESLIE ANTRICAN
4	51		51	40 2275 WEBB DR	TURNER SYLVAN RAY
3	25		25	109.06 1785 DALTON FORD RD	WRIGHT ROBERT ALLEN
4	13		13	41 8358 E ANDREW JOHNSON HWY	LANDERS JIM C
4	20		20	30.01 349 HYATT LN	WOLFE RACHEL EST %MRS CORNIE JACKSON
0 MC1		MC1		253.1 1356 SHANNON'S LITTLE MOUNTAIN ROAD	MORRISTOWN LOGISTICS SERVICES
0 MC0		MC0		110.73 P. O. BOX 1065, MORRISTOWN, TN	B & H LOGISTICS, INC.



**PERSONNEL  
COMMITTEE**

Thomas Doty  
*Chairman*

Stan Harville  
*Vice-Chairman*

Chris Cutshaw  
*Ex-Officio*

Debbie A'Hearn  
*Member*

Edna Greene  
*Member*

Bobby Haun  
*Member*

Tim Horner  
*Member*

Peggy Howell  
*Member*

Joe Huntsman, Sr.  
*Member*

Rodney Long  
*Member*

Wayne NeSmith  
*Member*

Mike Reed  
*Member*

Mike Richardson  
*Member*

Kyle Walker  
*Member*

Hamblen County Government  
**PERSONNEL COMMITTEE**

Monday, July 12, 2023

*Immediately Following Adjournment of Real Estate Committee*  
Large Courtroom – Hamblen County Courthouse

**AGENDA**

- 1. Call to Order** – *Chairman Thomas Doty*
- 2. Visitors Wishing to Address the Committee about Agenda Items Only** –  
*Chairman Thomas Doty (Visitors will allotted 3 minutes to speak)*
- 3. Old Business** – *Chairman Thomas Doty*
  - a. None
- 4. New Business** – *Chairman Thomas Doty*
  - a. Approval of Education Pay Submissions
  - b. Approval of Longevity Pay Submissions
- 5. Items of Interest (No Action Necessary)** – *Chairman Thomas Doty*
  - a. None
- 6. Adjournment** – *Chairman Thomas Doty*

**HAMBLLEN COUNTY, TENNESSEE**  
**OFFICE OF COUNTY MAYOR**  
**EDUCATION & LONGEVITY PAY APPLICANTS PRESENTED TO**  
**THE PERSONNEL COMMITTEE ON**  
**July 10, 2023**

**EDUCATION**

<b>Last Name</b>	<b>First Name</b>	<b>Education</b>	<b>Amount</b>
Carey	Teresa	COCTP	\$200
Cliff	Dorie	Business Admin	\$350

**LONGEVITY**

<b>Last Name</b>	<b>First Name</b>	<b>Hire Date</b>	<b>Amount</b>	<b>Years of Service</b>
Rhea	Robbie	7/7/2020	\$225.00	3
Whitaker	Randall	7/14/2020	\$225.00	3
Goskie	Kaitlyn	6/15/2020	\$225.00	3

Hamblen County Government  
**PUBLIC SERVICES COMMITTEE**



**PUBLIC SERVICES  
COMMITTEE**

Mike Richardson  
*Chairman*

Bobby Haun  
*Vice-Chairman*

Chris Cutshaw  
*Ex-Officio*

Debbie A'Hearn  
*Member*

Stan Harville  
*Member*

Peggy Howell  
*Member*

Joe Huntsman, Sr.  
*Member*

Rodney Long  
*Member*

Kyle Walker  
*Member*

Monday, July 10, 2023  
*Immediately Following the Adjournment of the Personnel Committee*  
Large Courtroom – Hamblen County Courthouse

**AGENDA**

- 1. Call to Order** – *Chairman Mike Richardson*
- 2. Visitors Wishing to Address the Committee about Agenda Items Only** –  
*Chairman Mike Richardson (Visitors will be allotted 3 minutes to speak)*
- 3. Old Business** – *Chairman Mike Richardson*
  - a. None
- 4. New Business** – *Chairman Mike Richardson*
  - a. Resolution 23-\_\_- A Resolution to Amend the Hamblen County Zoning Resolution, Specifically Article 9, Section 9.7 Environmental Industrial District I-2-*Lori Matthews, Senior Planner*
  - b. Resolution 23-\_\_-A Resolution to Amend the Hamblen County Zoning Resolution, Specifically Article 9A Wireless Telecommunication Towers and Antennae-*Josh Cole, Senior Planner*
- 5. Items of Interest (No Action Necessary)** – *Chairman Mike Richardson*
  - a. None
- 6. Adjournment** – *Chairman Mike Richardson*

**RESOLUTION # \_\_\_\_\_**

**A RESOLUTION TO AMEND THE HAMBLÉN COUNTY ZONING RESOLUTION, SPECIFICALLY  
ARTICLE 9, SECTION 9.7 Environmental Industrial District I-2**

**WHEREAS** The Hamblen County Planning Commission and the Morristown Regional Planning Commission heard a request to amend the Hamblen County Zoning Resolution, specifically ARTICLE 9, SECTION 9.7 Environmental Industrial District I-2;

WHEREAS The Hamblen County Planning Commission and the Morristown Regional Planning Commission bodies hereby recommend in favor of the amendment to the Hamblen County Zoning Resolution, specifically ARTICLE 9, SECTION 9.7 Environmental Industrial District I-2;

NOW, THEREFORE, BE IT RESOLVED that the Hamblen County Board of Commissioners does hereby approve the amendment to the Hamblen County Zoning Resolution, specifically ARTICLE 9 SECTION 9.7 Environmental Industrial District I-2 as shown below as Exhibit A.

**EXHIBIT A**

**9.7 Environmental Industrial District, I-2: This district's purpose is to allow industrial development for heavy industrial uses, which, by their nature, offer the potential for impacting the environment negatively. Because of the possible impacts, all of the following uses have standards and regulations which must be met pursuant to the State of Tennessee. Documentation of this State approval will be required along with the site plan submittal.**

**A. Uses Permitted-**In I-2 Environmental Industrial District, the following uses are permitted with State approval:

1. Smelting Plants
2. Asphalt Plants
3. Slaughtering Houses
4. Incinerators for the burning of garbage materials or medical waste
5. Paper/Pulp Products Plants
6. Chemical Manufacturing Plants in which potentially hazardous chemicals are to be produced or utilized
7. Landfill

**B. Use Permitted as Special Exception:**

1. Automobile Wrecking, Junk, and Salvage yards and dumps are subject to the following supplementary provisions:

- A. These uses are only permitted in the I-2, Environmental Industrial District. See Article II, Section 9.7.C and D for set back and other dimensional regulations.

- B. All motor vehicles stored or kept in such yards shall be so kept that they will not catch or hold water in which mosquitoes may breed or so that they will not constitute a place or places in which rats, mice, or other vermin may be harbored, reared or propagated.
- C. Because of the tendency for salvage yards, junkyard or automobile wrecking yards to promote the breeding of vermin, no such operation shall be permitted closer than five hundred (500) feet from any established residence.
- D. All automobile wrecking, junk and salvage yards located on a county road shall be conducted entirely within either an enclosed opaque fence, screen, or wall, except driveway areas, from eight (8) feet to twelve (12) feet in height or a screen or wall composed of white pine, eastern hemlocks, scotch pines or Leland cypress trees, no less than five (5') feet in height at planting, at ten (10') feet intervals between tree trunks along the fence lines, excepting driveway areas. Any fence, screen or wall for screening purposes shall be properly painted or otherwise maintained in good condition. Any material associated with the operations, as defined in Article V. Definitions, pertaining to junkyards shall not exceed a maximum of twelve (12') feet in height.
- E. All such yards shall be so maintained as to be in a sanitary condition and so as not to be a menace to the public health or safety.
- F. Off Road Parking - No vehicles may be parked outside of the fence, screen or wall.
- G. Ingress and Egress – The number of vehicular access driveways permitted on any single street frontage shall be limited to:
  - 1. One (1) driveway where the parcel to be used has a maximum road or street frontage of one hundred (100) feet or less.
  - 2. Two (2) driveways where the road or street frontage exceeds one hundred (100) feet.
- H. Except for grandfathered, non-conforming yards, no automobile wrecking, junk or salvage yards shall be permitted within three hundred (300) feet of any public road in Hamblen County.
- I. Application for Automobile Wrecking, Junk, or Salvage Yard Permit: No person shall own or maintain an automobile wrecking, junk or salvage yard within Hamblen County until he has secured a permit from the Hamblen County Board of Zoning Appeals. An application for said permit shall be filed and shall be accompanied by a detailed Site Plan, a schedule for construction, and any other information herein required.
- J. Dumps – No person shall own or maintain a landfill or waste dump within Hamblen County until a Site Plan has been submitted and approved by the Planning Commission, received approval as a special exception by the Board of Zoning Appeals; and received a permit issued by the Tennessee

Department of Health and Environment, Division of Solid Waste. No such landfill or dump shall be permitted within five hundred (500) feet of a residence, school, church, park, or public gathering place. All debris must be covered daily from public view. The dumping of chemicals or toxins is not permitted. Other standards required for junkyards shall also be required for dumps.

- K. Saving Clause- If any of the provisions of this Article 7.4 conflict with the provisions of general law regarding the regulation of junkyards, by being less restrictive than the general law or otherwise, then the general law provisions shall govern the matter at issue.
- L. Expansions-An expansion of these type business/operations shall constitute extending the operation to a separate lot of record that is distinct from the lot of record the operation originally took place upon regardless of the ownership. Any expansion to a new separate/ lot must conform to all the regulations pertaining to these uses. (Amended February 20, 2020)

- C. **Uses Prohibited**- Those uses not mentioned above or deemed similar in nature to those noted by the Board of Zoning Appeals shall not be permitted.

MOTION MADE BY \_\_\_\_\_

SECOND BY \_\_\_\_\_

VOTING FOR:

VOTING AGAINST:

ATTEST:

\_\_\_\_\_

**County Clerk**

AUTHENTICATED:

\_\_\_\_\_

**County Mayor**

Date:

\_\_\_\_\_

**RESOLUTION # \_\_\_\_\_**

**A RESOLUTION TO AMEND THE HAMBLEN COUNTY ZONING RESOLUTION, SPECIFICALLY  
ARTICLE 9A Wireless Telecommunication Towers and Antennae**

**WHEREAS** The Hamblen County Planning Commission and the Morristown Regional Planning Commission heard a request to amend the Hamblen County Zoning Resolution, specifically ARTICLE 9A Wireless Telecommunication Towers and Antennae at their meeting dates of June 5<sup>th</sup> 2023 and June 13<sup>th</sup> 2023;

**WHEREAS** The Hamblen County Planning Commission and the Morristown Regional Planning Commission bodies hereby recommend in favor of the amendment to the Hamblen County Zoning Resolution, specifically ARTICLE 9A Wireless Telecommunication Towers and Antennae;

**NOW, THEREFORE, BE IT RESOLVED** that the Hamblen County Board of Commissioners does hereby approve the amendment to the Hamblen County Zoning Resolution, specifically ARTICLE 9A Wireless Telecommunication Towers and Antennae as shown below as Exhibit A.

**EXHIBIT A**

**ARTICLE 9A**

**Wireless Telecommunication Towers and Antennae**

**9.A.1 Purpose:**

The purpose of this chapter is to establish new-development standards and requirements that shall apply for all proposed telecommunication towers to be located in the unincorporated portions of Hamblen County, Tennessee. It is the intent of this section to allow for the construction and placement of appropriate telecommunication facilities while minimizing their negative impacts upon the surrounding properties and the community as a whole.

**9.A.2 General Requirements**

**A) Telecommunication Towers as a Principal Use:**

A Telecommunication tower is considered a principal use of the land and permitted in all districts as a Permitted Use.

**B) Notification of Neighboring Property Owners:**

Any applicant for the construction of a new telecommunication tower shall notify all adjoining property owners of the property that the tower is proposed. The applicant shall provide documentation verifying compliance of this notice requirement at the time the applicant submits an application for review by Planning Commission.

**C) Fee:**

There shall be a \$100 application fee.

D) Site Plan Requirements:

A site plan is required for any proposed telecommunication tower. The site plan shall show the location of the property lines, tower, accessory building(s) or facilities, guy wires, and supports, and meet the requirements of Section 6.6 (Site Plan Requirements).

E) Setback Requirements:

All buildings, guy wires, and support, shall meet the setback requirements for the district in which the facilities are located. Telecommunications towers must be setback from property lines equivalent of one and one-half (1 ½) times the height of the tower.

F) Lighting:

Towers shall not be lighted by artificial lighting except as required by the FAA or other applicable authority.

G) Landscaping/screening:

All facilities located in agricultural and residential districts shall be completely screened from view to a height not less than eight (8) feet. The screening material shall be natural or planted vegetation or opaque fencing. The preservation of existing mature trees is preferred except where such tree growth would interfere with the operation and maintenance of the facilities.

H) Fencing:

All facilities shall be enclosed by a security fence at least six (6) feet in height.

I) Exemptions:

Radio towers and/or antennas less than forty (40) feet in height and which are accessory to an existing residence, business, or government agency. Also exempt are antennas or similar facilities that are attached to existing structures provided they do not extend the height of the structure by more than forty (40) feet.

J) Tower Removal:

When the active use of a telecommunication tower ceases for a period of six (6) consecutive months, the tower shall be removed at the property owner's expense

MOTION MADE BY \_\_\_\_\_

SECOND BY \_\_\_\_\_

VOTING FOR:

VOTING AGAINST:

ATTEST:

\_\_\_\_\_

**County Clerk**

AUTHENTICATED:

---

**County Mayor**

Date:

---



Hamblen County Government  
**BULK WASTE STUDY COMMITTEE**

Monday, July 10, 2023

*Immediately Following Adjournment of the Public Services Committee*  
Large Courtroom of the Hamblen County Courthouse

**BULK WASTE STUDY  
COMMITTEE**

Tim Horner  
*Chairman*

**AGENDA**

Rodney Long  
*Vice-Chairman*

**1. Call to Order** – *Chairman Tim Horner*

Chris Cutshaw  
*Ex-Officio*

**2. Visitors Wishing to Address the Committee** – *Chairman Tim Horner*  
*(Visitors will be allotted 3 minutes to speak)*

Edna Greene  
*Member*

**3. Old Business** – *Chairman Tim Horner*  
a. None

Stan Harville  
*Member*

**4. New Business** – *Chairman Tim Horner*  
a. Bulk Waste Regulation Public Information Campaign-Leigh Sempkowski-  
*South Marketing Group*

Bobby Haun  
*Member*

Kyle Walker  
*Member*

**Items of Interest (No Action Necessary)** – *Chairman Tim Horner*  
a. None

**5. Adjournment** – *Chairman Tim Horner*



## Bulk Waste Campaign Timeline

July 1 - Aug 4, 2023

1. Film Videos
2. Develop Slogan
3. Collect real life photos
4. Develop messaging
5. Develop press release
6. Create campaign materials
  - Print Ads
  - Social Media Graphics
  - Stickers for trash cans
  - Postcard mailer
  - Decal for side of trucks
  - Billboard copy
  - Rack card for construction companies
  - Yard Signs

## August

1. August 6th - Deploy Press Release
2. Send Postcard Mailer (estimated \$7500 - \$9000 / \$.50 per post card)
3. August 18th - Kickoff Classic Video & Ad in Fan Guide (\$774)
4. Week of August 28th - Stickers on Cans

## September 2023 - July 2024

1. Social media organic & paid campaign



2. Print ad campaign
3. Radio campaign
4. Billboard campaign (if inventory is available)
5. Promote Keep Hamblen Beautiful Events
  - a. October - BOPAE
  - b. April - Household

## Budget

### Services

<b>Graphic Design</b>	Social graphics	\$0
	Billboard Copy	\$0
	Sticker for Trash Can	\$0
	Decal on side of truck	\$0
	Yard Signs	\$0
	Postcard	\$390
	Print Ads x 5	\$325
	Rack Card	\$195
<b>Videography</b>	Filming + Editing x 6	\$2400
<b>Content Development</b>	Press Release	\$0
	Campaign messaging	\$260
	Radio Script	\$65
<b>Social Media</b>	Ad Placement	\$0
	Organic Posting	\$0
		<b>\$3635</b>



## **Paid Media**

<b>Print Ads</b>	Citizen Tribune	\$2995
	Kickoff Classic Fan Guide	\$525
<b>Social Media Ads</b>	Facebook	\$1200
<b>Stickers</b>	Rix Copies	
<b>Rack Cards</b>	Rix Copies	
<b>Decals</b>	Lakeway Signs	
<b>Postcards</b>	Citizen Tribune	\$7500 - \$9000

Hamblen County Government  
**CALENDAR & RULES COMMITTEE**

Monday, July 10, 2023

*Immediately Following Adjournment of the Bulk Waste Study Committee*  
Large Courtroom of the Hamblen County Courthouse



**CALENDAR & RULES  
COMMITTEE**

Thomas Doty  
*Chairman*

Tim Horner  
*Vice-Chairman*

Chris Cutshaw  
*Ex-Officio*

Debbie A'Hearn  
*Member*

Bobby Haun  
*Member*

Peggy Howell  
*Member*

Joe Huntsman, Sr.  
*Member*

Mike Reed  
*Member*

Mike Richardson  
*Member*

**AGENDA**

1. **Call to Order** – *Chairman Thomas Doty*
2. **Visitors Wishing to Address the Committee about Agenda Items Only** –  
*Chairman Thomas Doty (Visitors will be allotted 3 minutes to speak)*
3. **Old Business** - *Chairman Thomas Doty*
  - a. None
4. **New Business** - *Chairman Thomas Doty*
  - a. Review of Regular Calendar Items
  - b. Review of Consent Calendar Items
5. **Items of Interest** - *Chairman Thomas Doty*
  - a. None
6. **Adjournment** – *Chairman Thomas Doty*

# HAMBLEN COUNTY LEGISLATIVE BODY

Regularly Scheduled Monthly Meeting  
Thursday, July 20, 2023  
5:00 p.m.

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**Open Meeting** - *Sheriff Chad Mullins*

**Call to Order** - *Chairman Chris Cutshaw*

**Prayer** – *Chairman Chris Cutshaw*

**Pledge of Allegiance** – *Commissioner Kyle Walker*

**Roll Call** - *County Clerk Peggy Henderson*

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*Prepared under the direction of:*  
Chairman Chris Cutshaw

**REGULAR CALENDAR**

July 20, 2023

Hamblen County Legislative Body

Order #	Vote	Item
1		<b><u>Recognition/Presentations/Proclamations (Commission Chairman Chris Cutshaw)</u></b> a. None
2		<b><u>Public Comment (Commission Chairman Chris Cutshaw) (3 Minutes Per Speaker)</u></b> a. Regarding General/Non-Agenda Items b. Regarding Agenda Items
3		<b><u>Nominations/Appointments (Commission Chairman Chris Cutshaw)</u></b> a. None
4	Vote Vote	<b><u>Calendar and Rules Committee Report (Chairman Thomas Doty)</u></b> a. Approval of Consent Calendar Items b. Approval of Regular Calendar Items
5		<b><u>Items Removed from Consent Calendar</u></b> a. None
6	Vote	<b><u>Approval of Consent Calendar (Commission Chairman Chris Cutshaw)</u></b> a. Consent Calendar
7		<b><u>RECESS AS HAMBLEN COUNTY LEGISLATIVE BODY-OPEN PUBLIC HEARING (Commission Chairman Chris Cutshaw)</u></b> a. Resolution 23-__ -A Resolution to Amend the Hamblen County Zoning Resolution, Specifically Article 9, Section 9.7 Environmental Industrial District I-2 b. Resolution 23-__ - A Resolution to Amend the Hamblen County Zoning Resolution, Specifically Article 9 Wireless Telecommunication Towers and Antennae <b><u>CLOSE PUBLIC HEARING, RECONVENE AS HAMBLEN COUNTY LEGISLATIVE BODY (Commission Chairman Chris Cutshaw)</u></b>
8	Vote Vote	<b><u>REZONING RESOLUTION VOTE (Commission Chairman Chris Cutshaw)</u></b> a. Resolution 23-__ -A Resolution to Amend the Hamblen County Zoning Resolution, Specifically Article 9, Section 9.7 Environmental Industrial District I-2 b. Resolution 23-__ - A Resolution to Amend the Hamblen County Zoning Resolution, Specifically Article 9 Wireless Telecommunication Towers and Antennae
9	Vote	<b><u>Justice Center /Public Safety Committee (Chairman Tim Horner)</u></b> a. C/O #13 for \$48,060
10	Vote Vote Vote Vote Vote Vote Vote Vote Vote	<b><u>Finance Committee (Chairman Bobby Haun)</u></b> a. Resolution 23-__ -Wheel Tax Resolution-1 <sup>st</sup> Vote b. Memorandum of Understanding Among the Hamblen County Legislative Body, Road Commission and Highway Department Regarding the Need for Road Repairs and Resurfacing c. Resolution 23-__ -Resolution of the Governing Body of Hamblen County, Tennessee, Authorizing the Issuance, Sale, and Payment of Hamblen County Interfund Capital Outlay Notes Not to Exceed \$560,000 d. AXON Contract e. Hitech Systems, Inc. Contract f. SRO Grant Program g. Budget Amendments i. Fund #101 Sheriff's Department \$60,000 ii. Fund #101 SRO's \$
11	Vote	<b><u>Real Estate Committee (Chairman Mike Reed)</u></b> a. August Tax Sale List
12	Vote	<b><u>Bulk Waste Study Committee (Chairman Tim Horner)</u></b> a. Bulk Waste Regulation Public Information Campaign
13		<b><u>Announcements /Informational Items /Upcoming Meeting Dates (Commission Chairman Chris Cutshaw)</u></b> a. August Committee Meeting-Monday, August 14, 2023 @ 5:00 p.m. -Courthouse-Large Courtroom b. August Commission Meeting-Thursday, August 24, 2023 @ 5:00 p.m.- Courthouse-Large Courtroom
14		<b><u>Adjournment (Commission Chairman Chris Cutshaw)</u></b>

Thursday, July 20, 2023

**CONSENT CALENDAR**

July 20, 2023

Hamblen County Legislative Body

[Return to Committee Cover](#)

**CONSENT CALENDAR****July 20, 2023****Hamblen County Legislative Body**

Order #	Item	Placed From
1	Approval of the Previous Month's Minutes –Commission Meeting June 22, 2023 Approval of Special Called Commission Meeting Minutes June 29, 2023	Commission Chairman
2	Approval of Notaries	County Clerk Peggy Henderson
3	Jail/Justice Center Project Expenditures as of June 30, 2023	Justice Center/Public Safety Committee
4	Expenditure Reports – June 2023	Finance Committee
5	Monthly Checks-June 2023	Finance Committee
6	Planning Commission Building Permit Log -June 2023	Finance Committee
7	County Attorney Invoices –June 2023	Finance Committee
8	Budget Amendments i. Fund #101 Planning \$1,200	Finance Committee
9	Trustee Report June 1, 2023 thru June 30, 2023	Finance Committee
10	Hamblen County Department of Education Quarterly Expenditure Report-Third Quarter 2022-2023	Finance Committee
11	Approval of Education Pay Submissions Approval of Longevity Pay Submissions	Personnel Committee

**Thursday, July 20, 2023**

LAW OFFICES  
**CAPPS & BYRD LLP**  
1004 WEST FIRST NORTH STREET  
MORRISTOWN, TENNESSEE 37814

PAUL R. CAPPS (1922-2003)  
FRANK P. CANTWELL JR (Ret.)

CHRISTOPHER P. CAPPS  
DAVID S. BYRD

TELEPHONE: (423) 586-3083  
FACSIMILE: (423) 586-0513  
WEBSITE: [cappsbyrdlaw.com](http://cappsbyrdlaw.com)  
E-MAIL: [info@cccblaw.com](mailto:info@cccblaw.com)

July 7, 2023

Mr. Bill Brittain, County Mayor  
Hamblen County Courthouse  
511 West Second North Street  
Morristown, TN 37814

**RE: INVOICES FOR LEGAL SERVICES RENDERED ON BEHALF  
OF HAMBLLEN COUNTY, TENNESSEE - JUNE, 2023**

Dear Bill:

Please find enclosed two (2) invoices representing legal services rendered on behalf of Hamblen County, Tennessee during the month of June, 2023.

As usual, one invoice covers our General/Miscellaneous File, and one (1) invoice covers a separate county department.

Please review these invoices, and if you have any questions, please do not hesitate to contact me.

With best regards, I remain,

Very truly yours,

*Christopher P. Capps/alg*

Christopher P. Capps

CPC/alg

Enclosures



# Capps & Byrd, LLP

1004 W. 1st North Street  
Morristown, TN 37814

## INVOICE

Invoice # 953  
Date: 07/07/2023  
Due On: 08/06/2023

Hamblen County Government  
Hamblen County Courthouse  
511 West Second North Street  
Morristown, TN 37814

### 00027-Hamblen County Government

#### General Account

Type	Date	Description	Quantity	Rate	Total
Service	06/01/2023	E-mails from Paul LeBel, Amy Wesley and Derek Malcom re: closing	0.15	\$150.00	\$22.50
Service	06/02/2023	E-mails from Paul LeBel, Amy Wesley and Derek Malcom re: closing	0.15	\$150.00	\$22.50
Service	06/05/2023	E-mails to and from Amy Wesley and Paul LeBel re: closing; phone conference with Bill Brittain	0.30	\$150.00	\$45.00
Service	06/06/2023	E-mails with Bill Brittain re: closing	0.10	\$150.00	\$15.00
Service	06/07/2023	E-mails from and to Wendy Williams re: seasonal worker	0.10	\$150.00	\$15.00
Service	06/08/2023	E-mail from Trish Bowman re: High Street	0.05	\$150.00	\$7.50
Service	06/09/2023	E-mail from Trish Bowman re: 6/12 committee meeting; e-mails from and to Trish Bowman re: contract revisions	0.30	\$150.00	\$45.00
Service	06/12/2023	Committee meeting (less finance)	0.75	\$150.00	\$112.50
Service	06/14/2023	E-mails to and from Lauren Carroll re: deed	0.10	\$150.00	\$15.00
Service	06/15/2023	E-mail from Trish Bowman re: 6/29 special called meeting ; e-mail from Jeff Thompson re: pending litigation	0.10	\$150.00	\$15.00
Service	06/16/2023	Phone conference with Amy Guinn	0.25	\$150.00	\$37.50
Service	06/19/2023	E-mails with Bill Brittain re: health department description; phone conference with Anna @ Assessor's Office	0.25	\$150.00	\$37.50
Service	06/20/2023	E-mails from and to Lauren Carroll re: deed; e-mail from Trish Bowman re: 6/22 commission meeting	0.15	\$150.00	\$22.50

Service	06/22/2023	E-mails from and to Lauren Carroll re: deed	0.05	\$150.00	\$7.50
Service	06/23/2023	Prepare deed for Health Department; e-mails from and to Lauren Carroll re: deed; e-mail from David Purkey from body, prepare Petition and Order	1.60	\$150.00	\$240.00
Expense	06/23/2023	Court costs: Hamblen County General Sessions Court filing fee (Kwill cremation)	1.00	\$17.75	\$17.75
Service	06/26/2023	Phone conference with Lauren Carroll	0.20	\$150.00	\$30.00
Service	06/27/2023	E-mail from Trish Bowman re: 6/29 special called meeting; e-mail from David Purkey re: body; e-mails with Amy Guinn and Bill Brittain re: closing; call to City, phone conference with Cindy Dibb	0.30	\$150.00	\$45.00
Service	06/28/2023	E-mails with Amy Guinn and Bill Brittain re: closing; picked up deed at City and deliver; worked on deed for closing; phone conference with Bill Brittain	1.20	\$150.00	\$180.00
Service	06/29/2023	Complete deed; deliver to County Clerk; deliver to closing	0.65	\$150.00	\$97.50
Service	06/30/2023	Prepare Petition and Order for Cremation (Parks)	0.25	\$150.00	\$37.50
Expense	06/30/2023	Court costs: Hamblen County General Sessions Court filing fee (Parks cremation)	1.00	\$17.75	\$17.75
				<b>Total</b>	<b>\$1,085.50</b>

## Detailed Statement of Account

### Current Invoice

Invoice Number	Due On	Amount Due	Payments Received	Balance Due
953	08/06/2023	\$1,085.50	\$0.00	\$1,085.50
				<b>Outstanding Balance</b>
				<b>\$1,085.50</b>
				<b>Amount in Trust</b>
				<b>\$0.00</b>
				<b>Total Amount Outstanding</b>
				<b>\$1,085.50</b>

Please make all amounts payable to: Capps & Byrd, LLP

Please pay within 30 days.

# Capps & Byrd, LLP

1004 W. 1st North Street  
Morristown, TN 37814

## INVOICE

Invoice # 955  
Date: 07/07/2023  
Due On: 08/06/2023

Hamblen County Government  
Hamblen County Courthouse  
511 West Second North Street  
Morristown, TN 37814

### 00068-Hamblen County Planning Department

#### Planning

Type	Date	Description	Quantity	Rate	Total
Service	06/07/2023	E-mails from and to Tommy McKinney re: property	0.05	\$150.00	\$7.50
Service	06/08/2023	E-mails from and to Tommy McKinney re: property	0.05	\$150.00	\$7.50
Service	06/15/2023	E-mail to Lindsey Horn re: audio file	0.05	\$150.00	\$7.50
Service	06/15/2023	E-mail from and to Lindsey Horn and Lisa Charles re: audio file; e-mail to Matthew Evans	0.15	\$150.00	\$22.50
Service	06/22/2023	E-mail from Tommy McKinney re: property	0.05	\$150.00	\$7.50
Service	06/27/2023	E-mail from Tommy McKinney re: pending litigation	0.05	\$150.00	\$7.50
Service	06/29/2023	E-mails to and from Lisa Charles re: transcript	0.05	\$150.00	\$7.50
				<b>Total</b>	<b>\$67.50</b>

#### Detailed Statement of Account

##### Current Invoice

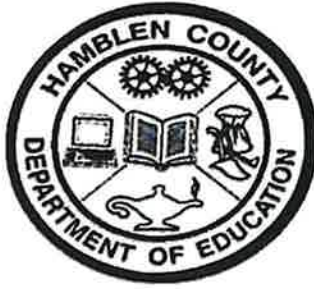
Invoice Number	Due On	Amount Due	Payments Received	Balance Due
955	08/06/2023	\$67.50	\$0.00	\$67.50
<b>Outstanding Balance</b>				<b>\$67.50</b>
<b>Amount in Trust</b>				<b>\$0.00</b>
<b>Total Amount Outstanding</b>				<b>\$67.50</b>

Please make all amounts payable to: Capps & Byrd, LLP

Please pay within 30 days.

**HAMBLLEN COUNTY DEPARTMENT OF EDUCATION  
QUARTERLY EXPENDITURE REPORT  
Arnold W. Bunch, Jr., Superintendent of Schools**

**THIRD QUARTER  
2022-2023**



THE COUNTY BOARD OF EDUCATION REPORTS THE FOLLOWING EXPENDITURES  
FOR THE PUBLIC SCHOOL PURPOSE AS OF THE QUARTER ENDING MARCH 31, 2023

GENERAL PURPOSE	BUDGET	SPENT	REMAINING	PERCENT REMAINING
REGULAR INSTRUCTION	\$ 48,802,637.43	\$ 32,477,997.34	\$ 16,324,640.09	33.45%
SPECIAL EDUCATION	7,802,423.00	5,024,250.77	2,578,172.23	33.91%
VOCATIONAL EDUCATION	4,088,551.00	2,454,318.15	1,614,232.85	39.68%
STUDENT BODY	193,000.00	157,079.00	35,921.00	18.61%
ATTENDANCE	4,025.00	3,988.27	28.73	0.71%
HEALTH SERVICES	915,551.00	600,513.71	315,137.29	34.42%
OTHER STUDENT SUPPORT	1,929,286.00	1,259,926.07	669,359.93	34.69%
INSTRUCTIONAL ADMINISTRATION	3,170,891.92	1,916,810.24	1,253,881.68	39.55%
SPECIAL EDUCATION ADMINISTRATION	1,233,833.64	804,617.46	429,216.18	34.78%
VOCATIONAL EDUCATION ADMINISTRATION	276,509.00	191,383.98	85,145.02	30.78%
TECHNOLOGY	2,032,845.00	1,429,313.17	603,531.83	29.69%
BOARD OF EDUCATION	1,459,147.00	1,243,585.27	215,561.73	14.77%
OFFICE OF THE DIRECTOR	783,710.00	547,883.11	215,846.89	28.26%
OFFICE OF THE PRINCIPAL	5,351,945.00	3,579,808.16	1,772,136.85	33.11%
FISCAL SERVICES	624,461.00	426,345.16	198,115.84	31.73%
OPERATION OF PLANT	6,721,876.00	4,747,733.28	1,974,142.72	29.37%
MAINTENANCE OF PLANT	1,670,985.00	1,306,340.67	364,644.33	21.82%
TRANSPORTATION	4,011,842.00	2,805,014.96	1,206,827.04	30.08%
EXTENDED SCHOOL PROGRAM/FAM. RESOURCE	608,881.30	421,811.98	187,069.34	30.72%
EARLY CHILDHOOD EDUCATION	1,442,000.00	890,661.90	551,348.10	38.23%
REGULAR CAPITAL OUTLAY	3,985,158.00	1,216,822.73	2,768,335.27	69.47%
EDUCATION DEBT SERVICE	500,000.00	500,000.00	-	0.00%
TRANSFERS	28,244.00	-	28,244.00	100.00%
TOTALS	\$ 97,397,702.29	\$ 64,006,163.35	\$ 33,391,538.94	34.28%

THE COUNTY BOARD OF EDUCATION REPORTS THE FOLLOWING EXPENDITURES  
FOR THE PUBLIC SCHOOL PURPOSE AS OF THE QUARTER ENDING MARCH 31, 2023

FEDERAL PROGRAMS - CONSOLIDATED ADMIN.	BUDGET	SPENT	REMAINING	PERCENT REMAINING
REGULAR INSTRUCTION	\$ 197,266.97	\$ 144,862.56	\$ 52,404.41	26.57%
TOTALS	\$ 197,266.97	\$ 144,862.56	\$ 52,404.41	26.57%

FEDERAL PROGRAMS - TITLE I	BUDGET	SPENT	REMAINING	PERCENT REMAINING
REGULAR INSTRUCTION	\$ 2,284,971.76	\$ 1,432,305.23	\$ 852,666.53	37.32%
OTHER STUDENT SUPPORT	130,170.24	61,066.46	69,103.78	53.09%
REGULAR INSTRUCTION	720,131.00	365,788.45	354,342.55	49.21%
TRANSPORTATION	10,000.00	-	10,000.00	100.00%
TRANSFERS	60,602.11	-	60,602.11	100.00%
TOTALS	\$ 3,205,875.11	\$ 1,859,160.14	\$ 1,346,714.97	42.01%

FEDERAL PROGRAMS - TITLE IIA	BUDGET	SPENT	REMAINING	PERCENT REMAINING
REGULAR INSTRUCTION	611,950.72	177,726.09	434,224.63	70.98%
TRANSFERS	8,940.11	-	8,940.11	100.00%
TOTALS	\$ 620,890.83	\$ 177,726.09	\$ 443,164.74	71.38%

FEDERAL PROGRAMS - TITLE III	BUDGET	SPENT	REMAINING	PERCENT REMAINING
REGULAR INSTRUCTION	\$ 151,663.36	\$ 64,326.12	\$ 87,337.24	57.59%
OTHER STUDENT SUPPORT	88,373.59	36,986.90	51,386.69	58.15%
TRANSFERS	2,500.00	-	2,500.00	100.00%
TOTALS	\$ 242,536.95	\$ 101,313.02	\$ 141,223.93	58.23%

**THE COUNTY BOARD OF EDUCATION REPORTS THE FOLLOWING EXPENDITURES  
OR THE PUBLIC SCHOOL PURPOSE AS OF THE QUARTER ENDING MARCH 31, 2023**

<b>FEDERAL PROGRAMS - CARL PERKINS</b>	<b>BUDGET</b>	<b>SPENT</b>	<b>REMAINING</b>	<b>PERCENT REMAINING</b>
VOCATIONAL EDUCATION	\$ 167,048.26	\$ 67,419.65	\$ 99,628.61	59.64%
OTHER STUDENT SUPPORT	38,700.00	23,492.69	15,207.31	39.30%
VOCATIONAL EDUCATION	10,622.92	5,035.59	5,587.33	52.60%
TRANSFERS	2,323.35	-	2,323.35	100.00%
<b>TOTALS</b>	<b>\$ 218,692.53</b>	<b>\$ 95,947.93</b>	<b>\$ 122,744.60</b>	<b>58.13%</b>

<b>FEDERAL PGMS - CARL PERKINS RESERVE GRANT</b>	<b>BUDGET</b>	<b>SPENT</b>	<b>REMAINING</b>	<b>PERCENT REMAINING</b>
VOCATIONAL EDUCATION	50,000.00	799.00	49,201.00	98.40%
<b>TOTALS</b>	<b>\$ 50,000.00</b>	<b>\$ 799.00</b>	<b>\$ 49,201.00</b>	<b>98.40%</b>

<b>FEDERAL PROGRAMS - IDEA</b>	<b>BUDGET</b>	<b>SPENT</b>	<b>REMAINING</b>	<b>PERCENT REMAINING</b>
SPECIAL EDUCATION	\$ 2,649,674.30	\$ 1,570,135.71	\$ 1,079,538.59	40.74%
SPECIAL EDUCATION	373,270.00	144,620.41	228,649.59	61.26%
<b>TOTALS</b>	<b>\$ 3,022,944.30</b>	<b>\$ 1,714,756.12</b>	<b>\$ 1,308,188.18</b>	<b>43.28%</b>

<b>FEDERAL PROGRAMS - IDEA COMPENSATORY SVCS.</b>	<b>BUDGET</b>	<b>SPENT</b>	<b>REMAINING</b>	<b>PERCENT REMAINING</b>
SPECIAL EDUCATION	\$ 35,050.92	\$ -	\$ 35,050.92	100.00%
SPECIAL EDUCATION	18,598.77	6,291.34	12,305.43	100.00%
<b>TOTALS</b>	<b>\$ 53,647.69</b>	<b>\$ 6,291.34</b>	<b>\$ 47,356.35</b>	<b>100.00%</b>

<b>FEDERAL PROGRAMS - IDEA ARP GRANT</b>	<b>BUDGET</b>	<b>SPENT</b>	<b>REMAINING</b>	<b>PERCENT REMAINING</b>
SPECIAL EDUCATION	\$ 153,780.94	\$ 76,130.36	\$ 77,650.58	50.49%
SPECIAL EDUCATION	\$ 144,827.00	\$ 34,770.86	110,056.14	75.99%
TRANSPORTATION	80,146.00	18,492.38	61,653.62	76.93%
<b>TOTALS</b>	<b>\$ 378,753.94</b>	<b>\$ 129,393.60</b>	<b>\$ 249,360.34</b>	<b>65.84%</b>

THE COUNTY BOARD OF EDUCATION REPORTS THE FOLLOWING EXPENDITURES  
FOR THE PUBLIC SCHOOL PURPOSE AS OF THE QUARTER ENDING MARCH 31, 2023

FEDERAL PROGRAMS - ESSER 3.0	BUDGET	SPENT	REMAINING	PERCENT REMAINING
REGULAR INSTRUCTION	\$ 3,591,190.64	\$ 890,822.35	\$ 2,700,368.29	75.19%
SPECIAL EDUCATION	100,100.00	5,897.04	94,202.96	94.11%
VOCATIONAL EDUCATION	64,330.60	43,764.55	20,566.05	31.97%
ATTENDANCE	8,100.00	-	8,100.00	100.00%
HEALTH SERVICES	31,803.00	9,144.44	22,658.56	71.25%
OTHER STUDENT SUPPORT	832,213.00	304,508.97	527,704.03	63.41%
REGULAR INSTRUCTION	459,301.00	50,658.36	408,642.64	88.97%
TECHNOLOGY	252,636.00	131,164.90	121,471.10	48.08%
OFFICE OF THE PRINCIPAL	23,330.00	-	23,330.00	100.00%
FISCAL SERVICES	131,882.00	32,702.67	99,179.33	75.20%
OPERATION OF PLANT	181,000.00	156,709.33	24,290.67	13.42%
TRANSPORTATION	19,032.00	-	19,032.00	100.00%
REGULAR CAPITAL OUTLAY	8,132,561.00	885,863.41	7,246,697.59	89.11%
TOTALS	<u>\$ 13,827,479.24</u>	<u>\$ 2,511,236.02</u>	<u>\$ 11,316,243.22</u>	<u>81.84%</u>

FEDERAL PGMS. - FISCAL PRE-MONITORING GRANT	BUDGET	SPENT	REMAINING	PERCENT REMAINING
FISCAL SERVICES	\$ 46,200.00	\$ -	\$ 46,200.00	100.00%
TOTALS	<u>\$ 46,200.00</u>	<u>\$ -</u>	<u>\$ 46,200.00</u>	<u>100.00%</u>

FEDERAL PGMS. - EPIDEMIOLOGY & LAB GRANT	BUDGET	SPENT	REMAINING	PERCENT REMAINING
HEALTH SERVICES	\$ 1,320,773.25	\$ 47,632.68	\$ 1,273,140.57	96.39%
OTHER STUDENT SUPPORT	\$ 67,000.00	\$ 4,593.16	\$ 62,406.84	93.14%
TOTALS	<u>\$ 1,387,773.25</u>	<u>\$ 52,225.84</u>	<u>\$ 1,335,547.41</u>	<u>96.24%</u>

FEDERAL PGMS. - RESILIENT COMMUNITIES GRANT	BUDGET	SPENT	REMAINING	PERCENT REMAINING
OTHER STUDENT SUPPORT	\$ 1,909.28	\$ 1,333.22	\$ 576.06	30.17%
REGULAR INSTRUCTION	38,913.00	14,678.16	24,234.84	62.28%
TOTALS	<u>\$ 40,822.28</u>	<u>\$ 16,011.38</u>	<u>\$ 24,810.90</u>	<u>60.78%</u>

THE COUNTY BOARD OF EDUCATION REPORTS THE FOLLOWING EXPENDITURES  
 FOR THE PUBLIC SCHOOL PURPOSE AS OF THE QUARTER ENDING MARCH 31, 2023

FEDERAL PGMS. - ESP ARP STABILIZATION GRANT II	BUDGET	SPENT	REMAINING	PERCENT REMAINING
EXTENDED SCHOOL PROGRAM	\$ 345,663.14	\$ 38,097.50	\$ 307,565.64	88.98%
	<u>\$ 345,663.14</u>	<u>\$ 38,097.50</u>	<u>\$ 307,565.64</u>	<u>88.98%</u>
TOTAL FEDERAL PROGRAMS	<u>\$ 29,993,228.13</u>	<u>\$ 9,111,566.27</u>	<u>\$ 20,881,661.86</u>	<u>69.62%</u>