

ENGINEERS OFFICE
Stanley H. Kellerhouse Municipal Building
One Van Wyck Street
Croton-on-Hudson, NY 10520.2501
engineering@crotononhudson-ny.gov

Mayor
Brian Pugh
Trustees
Maria Slippen
Nora M. Nicholson
Cara Politi
Len Simon
Manager
Bryan Healy
Treasurer
Daniel Tucker
Engineer/Building Inspector
Daniel F O'Connor, P.E., CEO
Asst. Engineer/Asst. Building Inspector
Ronald Wegner, P.E., CEO
Code Enforcement Officer
Thor Snilsberg
Fire Inspector
James Ferguson

MEMORANDUM

Date: 1/21/25
To: Bryan Healy
From: Daniel O'Connor 
Subject: VEB Review of Proposed Post Clock at Maple Commons

The Advisory Board on the Visual Environment (VEB) reviewed the proposed post clock at Maple Commons at their meeting on January 14, 2025. The VEB was supportive of a clock being installed near the entrance to the pocket park on the Maple Commons property at 43-45 Maple Street.

The VEB reviewed a picture of a post clock that was installed in a different community, the drawing of the proposed post clock for Croton-on-Hudson, the rendering of Maple Commons with the post clock sketched in, cover letter from Electric Time Company, Inc., and other technical information on the clock.

The VEB liked the proposed clock face and hands as shown in the drawing for the proposed Croton clock. They felt the roman numerals and hands were a timeless design.

The color of the clock was discussed, including whether the clock color could be coordinated with the colors of the Village wayfaring signs one of which is located across the street. The VEB discussed the clock being painted the same blue (PMS 2167c, see attached design sheet for a Village sign) that is used on the wayfaring signs. After some discussion the VEB recommended that the clock be Matte Black as shown on the color sample sheet from Electric Clock. The VEB discussed the gold painted highlighting as shown on the picture of the post clock from the Town of Apex and discussed the possibility of the highlighting color being one of the colors used for the Village wayfaring signs such as the blue (PMS 2167c).

The VEB discussed the clock face illumination and recommended that it not be overly bright.

Additional plantings around the clock were recommended along with a lawn instead of wood chip mulch.

The VEB wanted to know if the Village ever had a Village Clock in the past and if the Village Historian could answer this question.

The VEB liked the idea of the optional GPS – no drift time controller.

The VEB discussed the possibility of a three or four faced post clock and realized that this would have an additional cost.

The VEB would like to see the final drawings for the clock including a color rendering showing a matte black clock with gold highlighting and another rendering with highlighting matching the blue color on the Village wayfaring signs.

Sample Post Clock

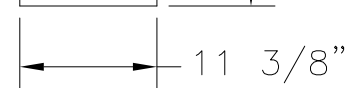
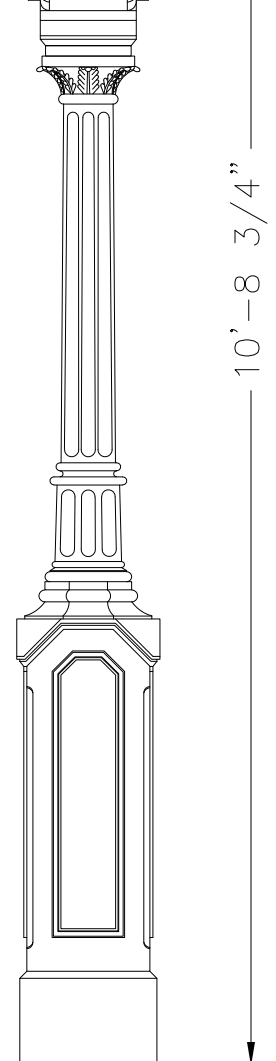
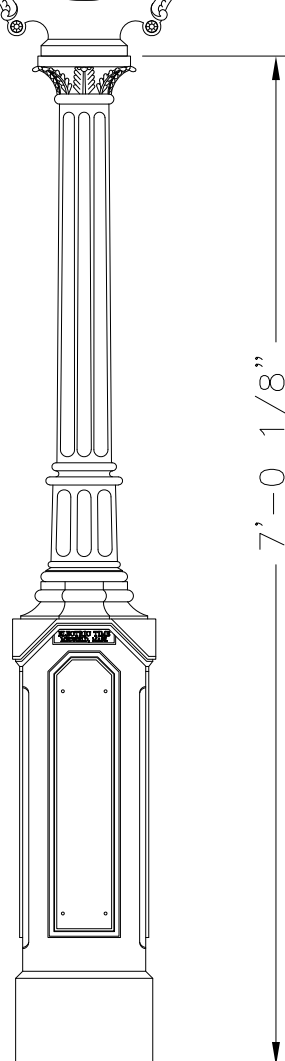
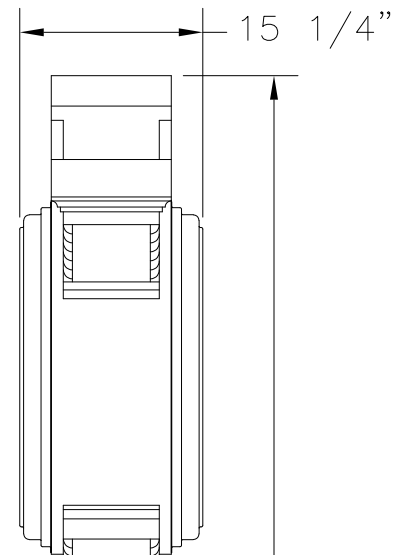
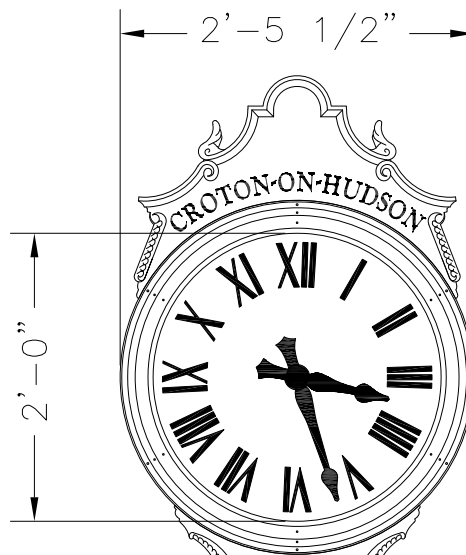


FACE: AI-LESS MIN.
HANDS: WS

HEAD DETAIL

SCALE: 1-1/2" = 1'

1 1/2"
RAISED
LETTERING



VIEW		LASER		PATH		M:\ACAD10\A-17230.DWG			
DRAWING				REVISIONS	TITLE			Small 2 Dial Howard Post Clock Croton on Hudson (NY)	
					● SCALE	DATE	DRAWN	APP'V	
					AS NOTED	01-10-25	WOR	TDE	
A-17230									

POST CLOCK ELEV.

SCALE: 3/4" = 1'



February 5, 2024

Steven Krisky
49 Sunset Drive
Croton on Hudson, NY 10520
Via email: steven.krisky@gmail.com

Subject: Clock Equipment Quotation - Maple St & Municipal Pl - Croton on Hudson, NY

Dear Steven:

Thank you for your interest in Electric Time clocks. In reply to your request, I am sending Drawings A-5585 & A-5095, plus Data Sheets 452, 439, 453, 469, 467 & 483 along with our Standard Terms and Conditions of Sale. *A drawing will be done for approval prior to manufacturing.*

We are pleased to quote on the equipment you requested, as follows:

- (1) **Complete Small Two-Dial E. Howard Post Clock Replica**, with an electronic reset control in the base.

Cast aluminum post and doors, one door to be removable for access to the interior. The base of the post measures approximately 11" square. Cast aluminum top head and ornamental top. No fiberglass to be used. Total height of clock, 10'-9". UL listed. Single source: Clock, controller and movement to be manufactured by the same company.

All exterior parts of the clock to have a high solids, exterior grade, polyurethane painted finish with a satin clear top coat, ***please specify color from our Standards.*** Our standard painted finishes are: blue, medium or dark bronze (matches Duranodic #312 & #313), off-white, matte-black, satin aluminum, forest green, red, bright white or gold. Raised aluminum header and saddle lettering, highlighted in gold paint, is available at no additional charge (value US\$390.00) – ***please specify text if desired.*** Gold painted highlighting on casting details at no additional charge.

Flat milky-white acrylic dials. Dials to be back lighted with white LEDs. Illumination to be controlled by a photoelectric cell.

Black dial markings and clock hands – ***please specify Styles.*** Hands made of aluminum with non-corrosive bronze bushings. Clear flat tempered glass crystals are provided for protection of the clock faces and hands.

ELECTRIC TIME COMPANY, INC. 97 WEST STREET - MEDFIELD, MA USA 02052
PHONE 508-359-4396 - FAX 508-359-4482 SALES@ELECTRICTIME.COM
[HTTP://WWW.ELECTRICTIME.COM](http://WWW.ELECTRICTIME.COM)

Style MI clock movements. All bearing surfaces to be made of self-lubricating materials, as periodic lubrication will then not be required. All parts to be made of non-corrosive metals such as brass and stainless steel. UL listed.

Type CTRL-99BMI, Automatic Clock Controller with IP65 enclosure – Indoor & Outdoor Use. Automatically resets clock after power failures and for Daylight Savings Time (if required). Precision Quartz Time base 4 minutes per year maximum drift. Optional GPS – no drift. Built in 100 year daylight savings time calendar. 2 Line 16 character back lighted LCD display. ETL listed to UL 863.

Power Failure Event logging. Standard MI output – 4 clocks maximum standard. Standard 24VDC RP output -20 clocks maximum. Sweep Second hand output. Hour Strike Capability. RS-232 and RS-485 output ports. 24 VAC hour strike output – configurable pulse output. To be located in base of clock by Manufacturer.

GPS Satellite Receiver mounted inside of clock head by Manufacturer. To enable clock to synchronize with National Bureau Standard Atomic Clock. This will provide time accurate to 1 microsecond 1×10^{-6} .

Stainless steel anchor rods, full size templates and foundation drawing for foundation.

All of the above for the net (BUY) price of US\$15,709.00, plus \$997.00 shipping and handling to Croton on Hudson, NY. This price does not include any sales taxes or installation.

Options

Raised aluminum header and saddle lettering, highlighted in gold paint, is provided at no additional charge during our Street Clock Special (value US\$390.00). ***Please specify text if desired when ordering.***

Dial lettering (simple black text) is available at no additional cost. Logos or other images are available for an additional cost and can be quoted - ***please specify text or logo if desired when ordering.***

We can offer 23k gold leaf highlights (in lieu of the gold painted highlights) for an additional US\$3,300.00 – ***please specify if desired when ordering.***

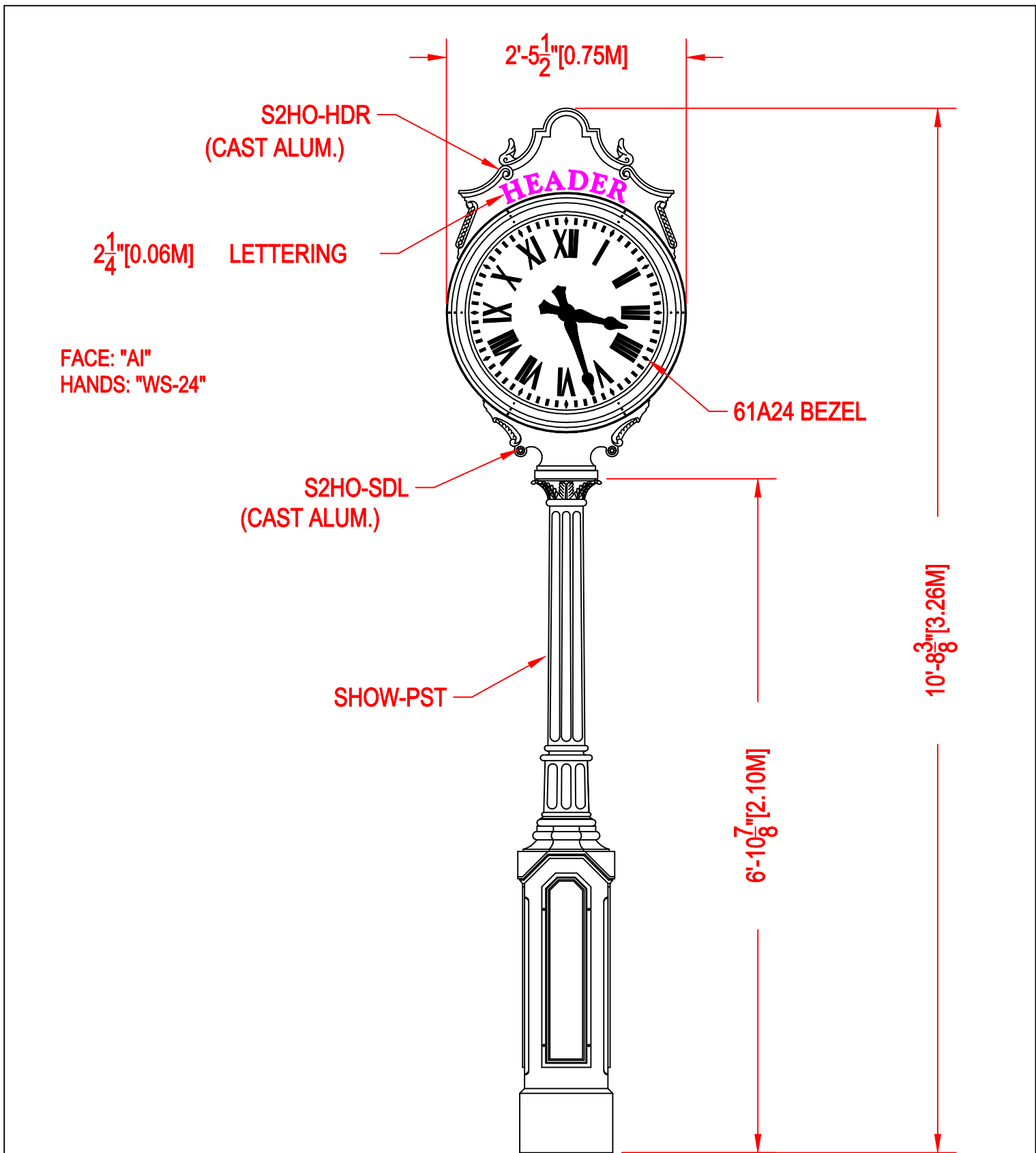
Since this equipment is custom built, on orders over \$1,000.00 we require a 40% deposit. We accept checks, credit cards, and ACH/wire payments. Payments made with a credit card are subject to a 3% convenience fee. Delivery is typically 6 to 8 weeks after receipt of purchase order, deposit and release, F.O.B., Medfield, MA. Please see enclosed Standard Terms and Conditions of Sale.

If I can be of any further assistance please let me know.

Sincerely,

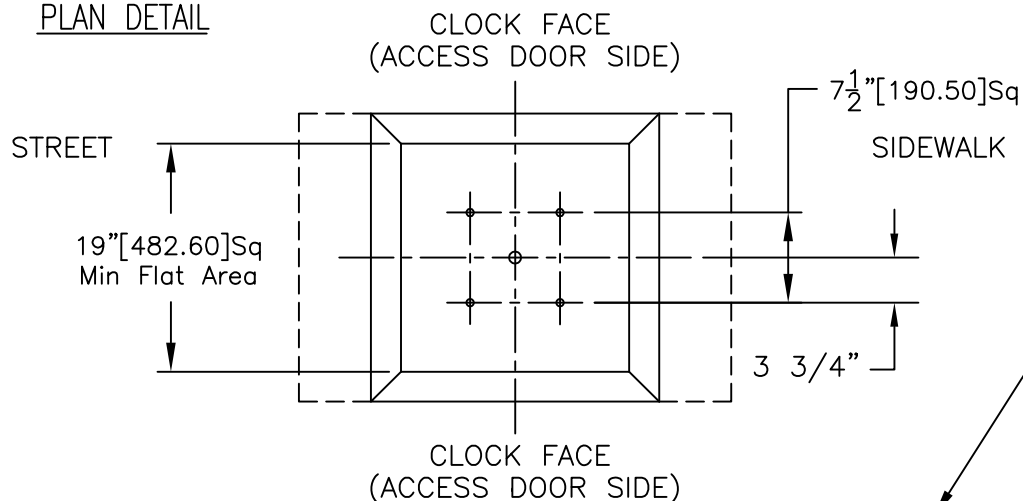
Brandie Morris

Brandie Morris
Director of Marketing
blm@electrictime.com



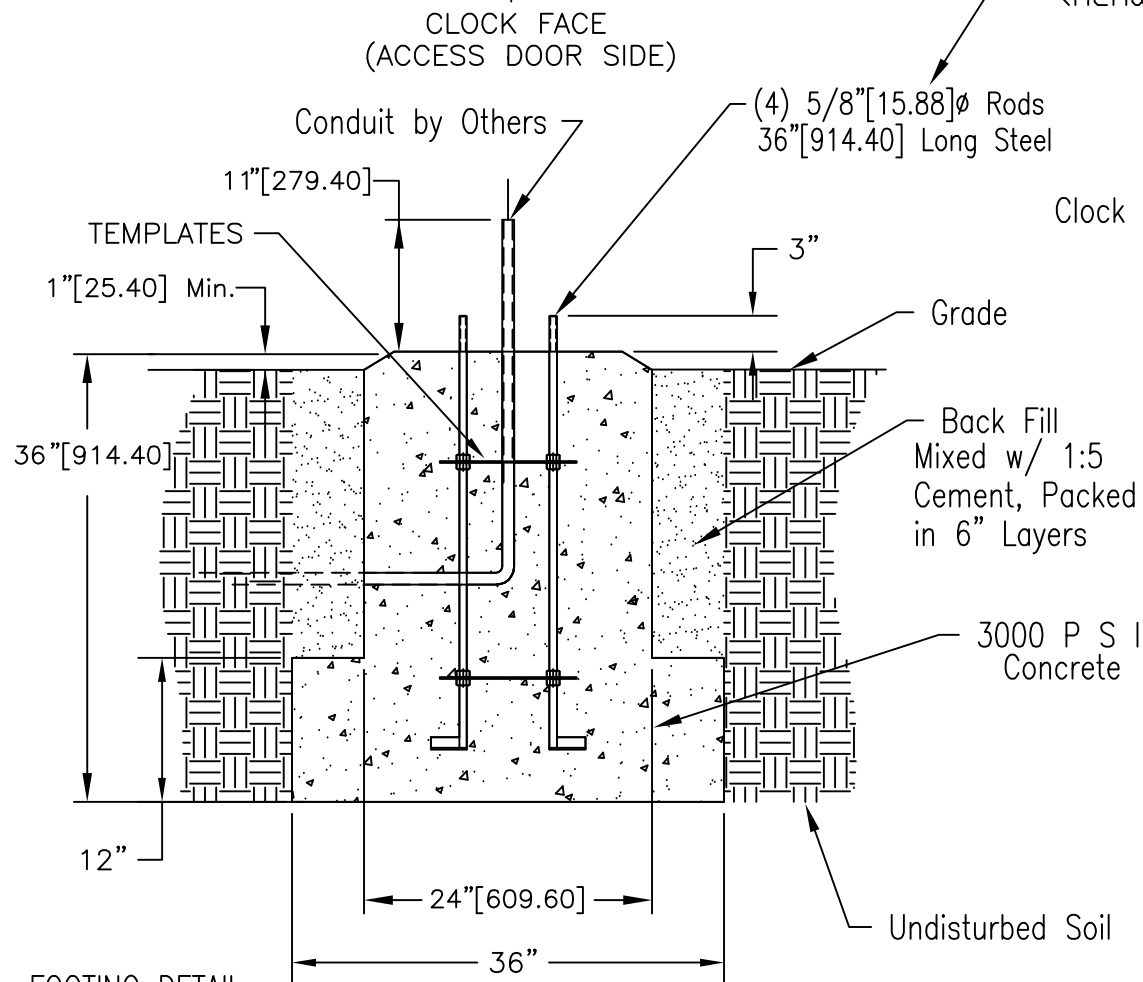
VIEW		LASER		PATH		M:\ACAD10\A-5585.DWG				
DRAWING					REVISIONS	TITLE		Small 2 Face Howard Post Clock		
						●SCALE		DATE	DRAWN	APP'V
						3/4" = 1'		10-27-95	WOR	TDE
A-5585										

PLAN DETAIL

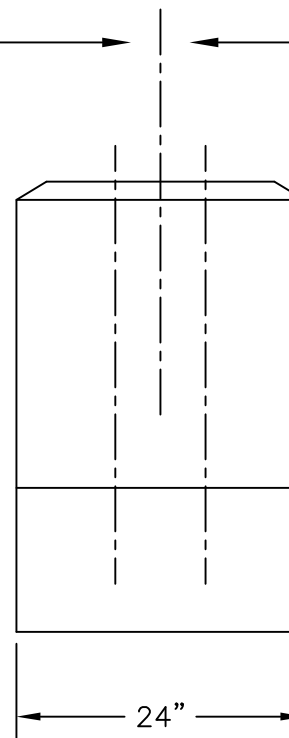


NOTE: 1ST PLATE TO BE 6" FROM BOTTOM AND 2ND PLATE 24" FROM BOTTOM. MAKE SURE ANCHOR RODS ARE 7-1/2" ON CENTER AND PERPENDICULAR TO GRADE AFTER POURING

If mounting indoors on existing concrete slab, use 5/8"x5" Lg Concrete Bolts, 2-3/4" min. embedded depth (McMaster Carr #92405A402)



Clock Face ← → Clock Face



SIDE ELEVATION

FOOTING DETAIL

VIEW	PATH	D:\ACAD10\A-5095.DWG			
	TITLE	Small E. Howard Post Foundation Detail			
	● SCALE	DATE	DRAWN	APP'V	
	3/4" = 1'	4-29-94	RK	TDE	
REVISIONS					
Rev. A	10-12-94	ⓧ			
Rev. B	10-10-95	DM			
Rev. C	10-10-96	DM			
Rev. D	3-22-02	WOL			
Rev. E	5-5-06	WOL			
DRAWING					
A-5095					

ADDITIONAL CLOCK FACES

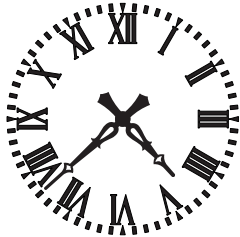
DS-452

NOTE: "*" THESE HANDS ARE
AVAILABLE FOR ADDITIONAL COST

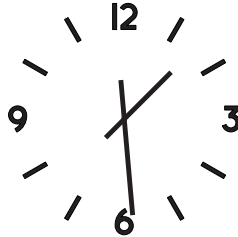
97 West Street, Medfield, MA 02052

p: 508.359.4396 f: 508.359.4482

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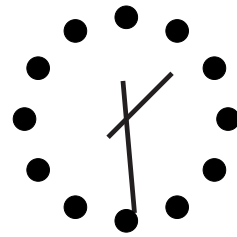
Face A / Hands MS-A



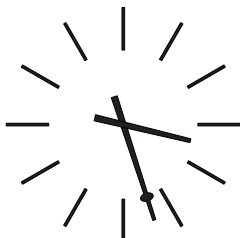
Face L / Hands LS



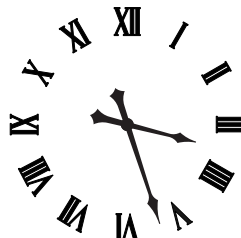
Face Ni / Hands WS



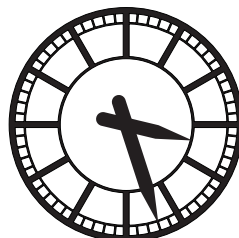
Face I / Hands LS



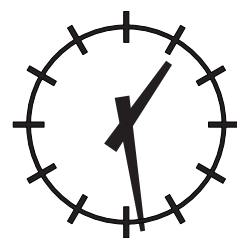
Face B / Hands HS



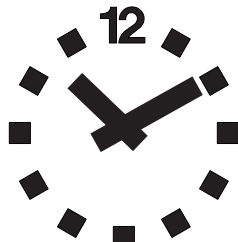
Face N / Hands AS



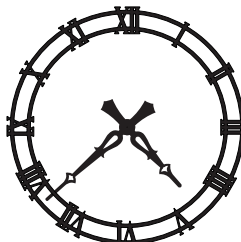
Face Q / Hands IS



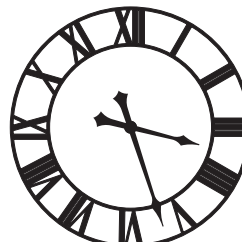
Face Z / Hands CS



Face C / Hands VS



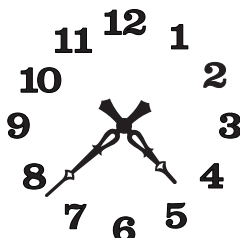
Face O / Hands MS-A



Face R / Hands AS



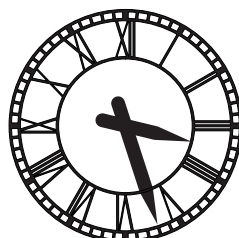
Face V / Hands WS



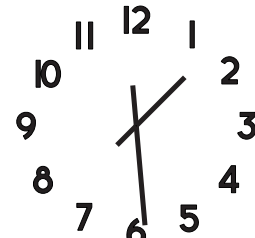
Face T / Hands MS-A



Face P / Hands LS



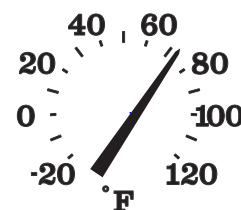
Face U / Hands IS



Face J / Hands LS



Face Y / Hands DS



Face X / Hands CS

ADDITIONAL CLOCK FACES

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 NOTE: "*" THESE HANDS ARE
 AVAILABLE FOR ADDITIONAL COST


Face A2 / Hands WS



Face A1 / Hands WS



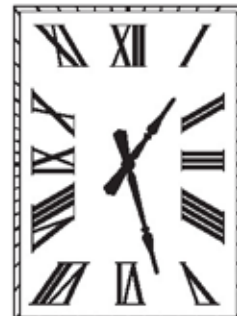
Face BE / Hands LS



Face C1 / Hands IS



Face F1 / Hands SS*



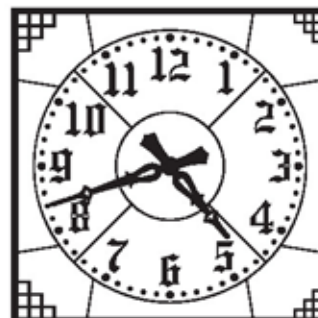
Face F2 / Hands FS



Face G1 / Hands LS



Face JE / Hands AS



Face JE1 / Hands MS-A



Face L1 / Hands HS



Face L2 / Hands CS



Face L3 / Hands MC

NOTE: "*" THESE HANDS ARE AVAILABLE FOR ADDITIONAL COST

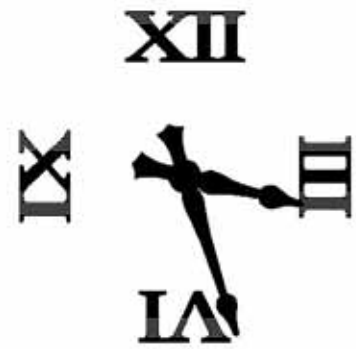
ADDITIONAL CLOCK FACES



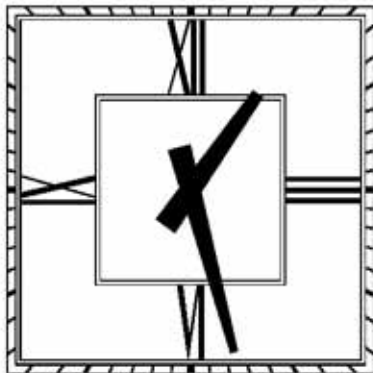
Face LG / Hands CS



Face LJ / Hands SS*



Face MS / Hands WS



Face N1 / Hands CS



Face NA / Hands ES



Face NI1 / Hands IS



Face P1 / Hands LS



Face P2 / Hands AS



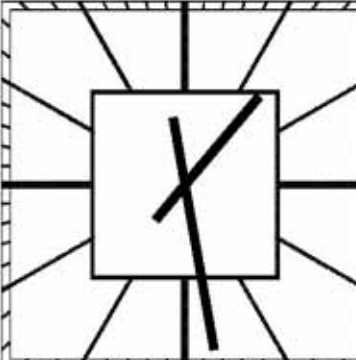
Face P3 / Hands DS



Face P4 / Hands MC



Face PA / Hands HS



Face Q1 / Hands LS

ADDITIONAL CLOCK FACES

DS-469

NOTE: "*" THESE HANDS ARE
AVAILABLE FOR ADDITIONAL COST

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Face Q2 / Hands MC



Face RA / Hands SS*



Face RB / Hands WS



Face RC / Hands CS



Face T1 / Hands ES



Face T2 / Hands MS



Face T2A / Hands GS



Face T3 / Hands AS



Face T4 / Hands DS



Face T5 / Hands CS



Face T1 / Hands IS



Face U1 / Hands LS

Data Sheet 467D

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Available Finishes



Medium Bronze
(#312)



Off-White



Dark Bronze
(#313)



Matte Black



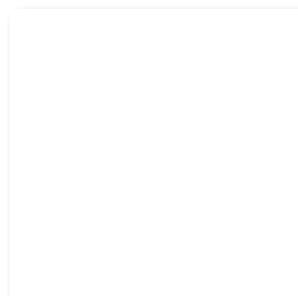
Satin Aluminum



Gold



Forest Green



Bright White



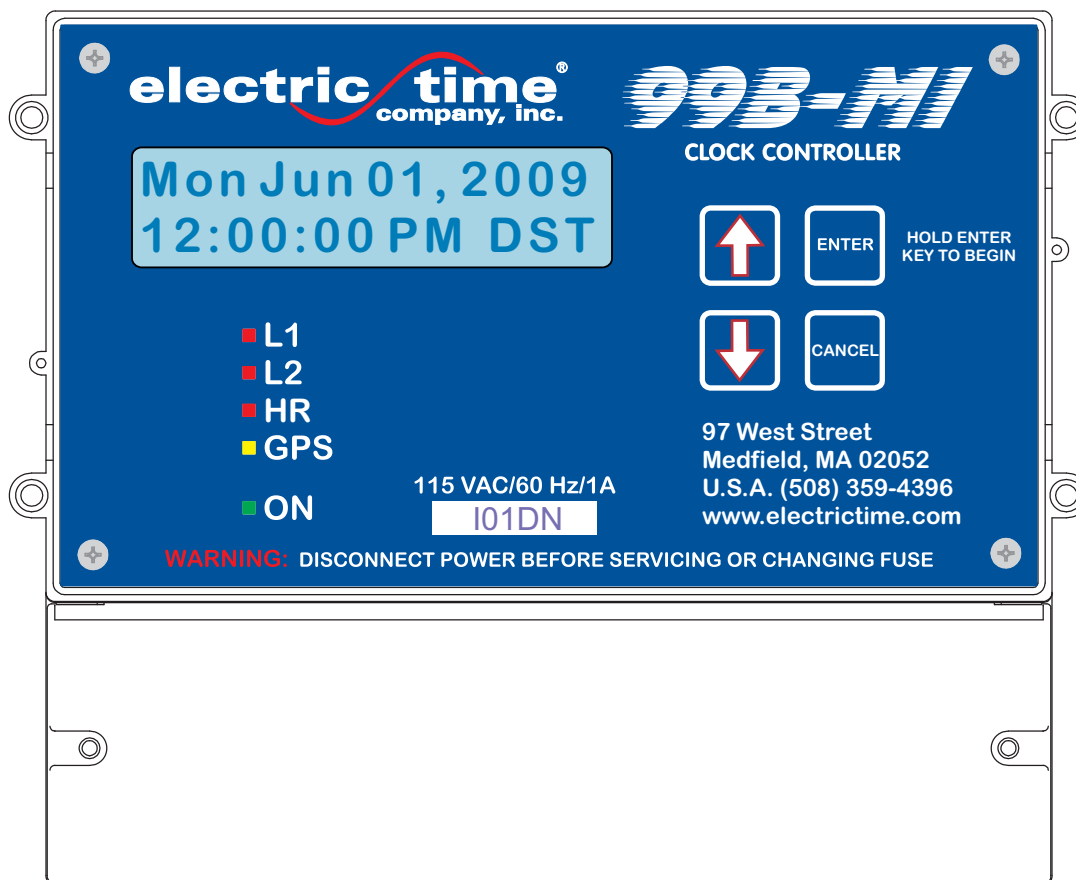
Red



Blue

For additional cost we can offer: Verde Green, Copper Patina, Gold Leaf, and brushed, circle-line or polished finishes over the base material. If you have a special finish not listed here please contact the factory.

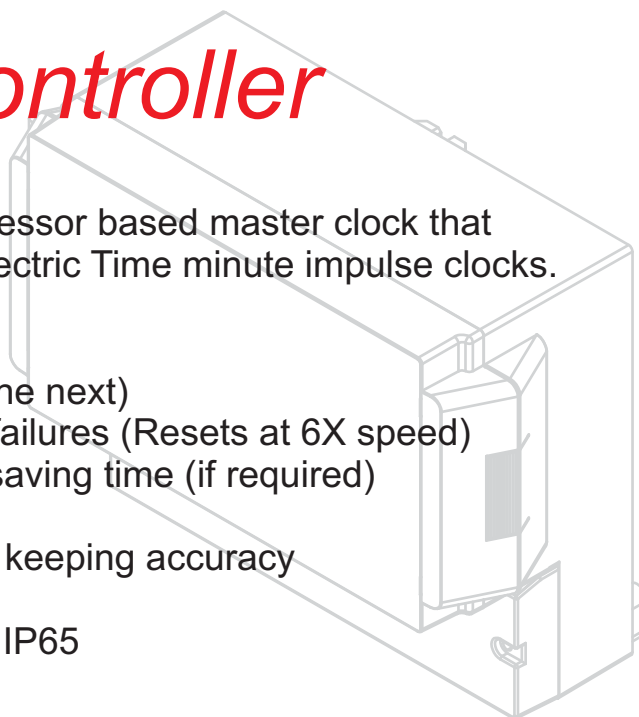
**NOTE: Specifications subject to
change without notice.**

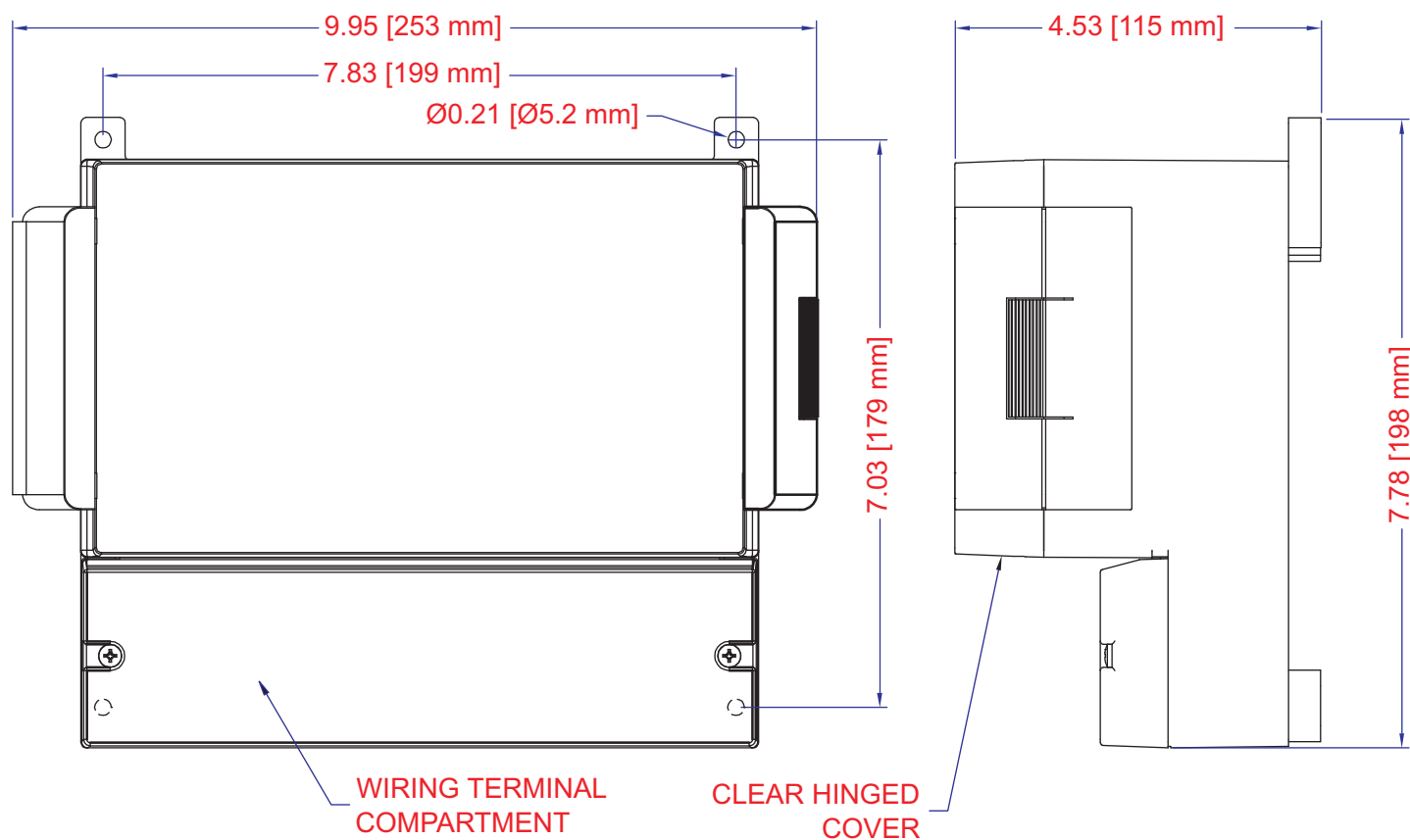


99B-MI Clock Controller

The 99B-MI Clock Controller is a microprocessor based master clock that provides completely automatic control of Electric Time minute impulse clocks.

- Provides “Minute Impulse” (MI) Control (Clock hands index from one minute to the next)
- Automatically resets clocks after power failures (Resets at 6X speed)
- Automatically resets clocks for daylight saving time (if required)
- Precision Quartz Time Base
- Optional GPS interface for ultimate time keeping accuracy
- 10 Year Battery Backup for time base
- For indoor or outdoor use - Protected to IP65
- ETL listed to UL 863



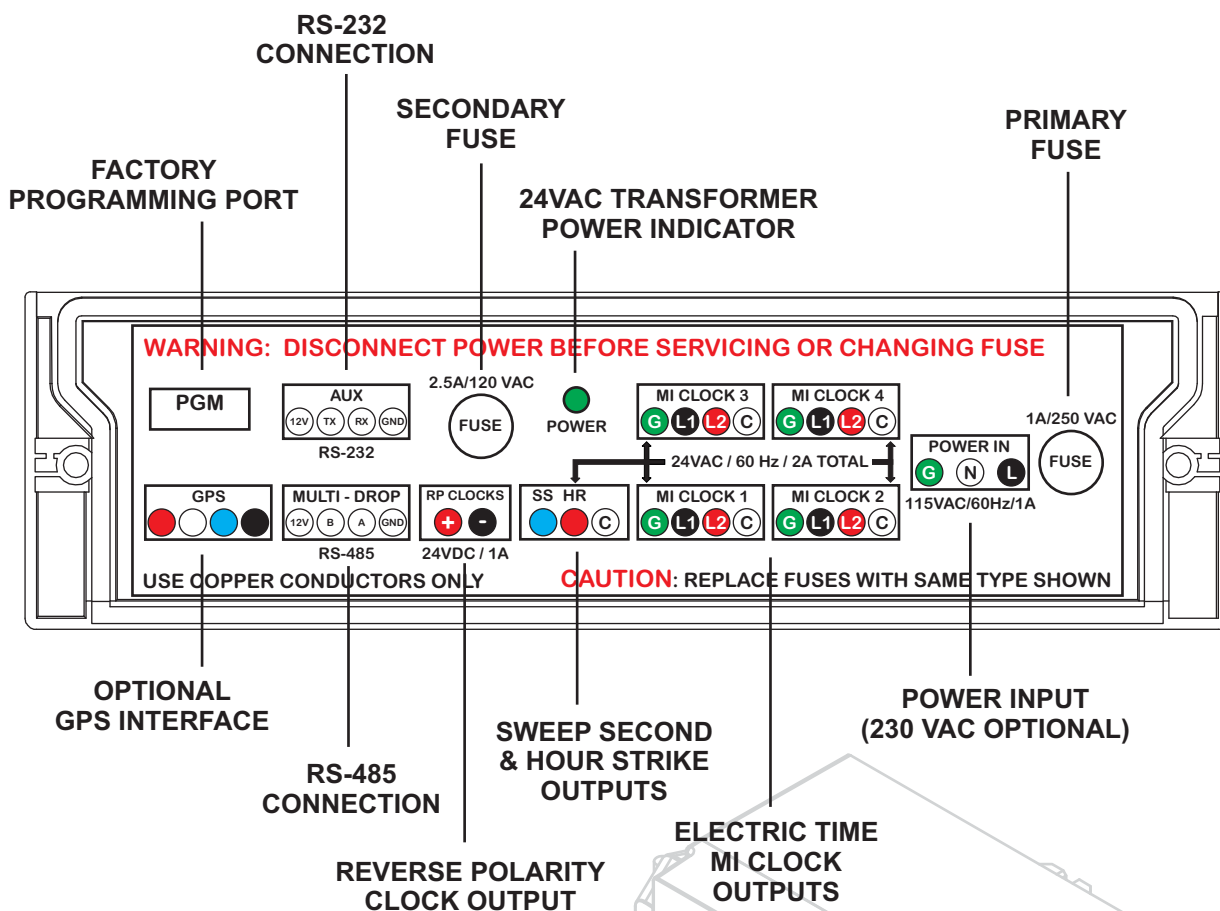


99B-MI Specifications

DIMENSIONS IN INCHES [MILLIMETERS]

Input Power	115VAC/50 or 60Hz/1A or 230VAC/50 or 60Hz/0.5A (Factory Preset)
Clock Outputs	24VAC Minute Impulse - Controls up to (4) Minute Impulse (MI) Clocks 24VDC Reverse Polarity - Controls up to (20) Reverse Polarity (RP) Clocks 24VAC Sweep Second line (continuous power) - Controls up to (2) MI Clocks with Sweep Second Hands **For multiple clock arrays, contact Electric Time to verify maximum electrical loads on 99B-MI
Event Outputs	24VAC Hour Strike (configurable pulse output)
Communication	RS-232 port, RS-485 port

Terminal Compartment Layout



Connection for ½" conduit provided for power input & MI Outputs
Cable gland strain relief provided for all other connections

Maximum Minute Impulse control wire run 350 feet

Reference Electric Time Company Manual #274 for complete
operation and installation instructions

CONTROL WIRING

99B-MI CLOCK CONTROLLER

SYSTEM CLOCKS : "MI" OPERATION

"HOME RUNS" REQUIRED
ALL "MI" CLOCKS

115VAC / 60Hz

LINE (BLK)

NEUTRAL (WHT)

GROUND (G)

(1A MAX)

MI OUTPUTS
(24VAC / 2A MAX)

*Shield Connects
ONLY at 99B-MI

*G (SHIELD)

L1 (BLK)

L2 (RED)

C (WHT)

*G (SHIELD)

L1 (BLK)

L2 (RED)

C (WHT)

*G (SHIELD)

L1 (BLK)

L2 (RED)

C (WHT)

"CMI" BOARD
(1 PER CLOCK)

"CMI" BOARD
(1 PER CLOCK)

CLASS II (24VAC)
16 AWG WIRE
RECOMMENDED

TO
ADDITIONAL
CLOCKS

CONTROL SPECIFICATIONS

- 1) CONTROLS UP TO (4) "MI" CLOCKS
- 2) MAX CONTROL WIRE RUN 350'
- 3) "HOME RUNS" REQUIRED FROM EACH CLOCK
- 4) DEDICATED 115VAC BRANCH CIRCUIT MUST BE PROVIDED FOR 99B-MI CONTROLLER
- 5) CONNECTIONS FOR 1/2" CONDUIT PROVIDED

ILLUMINATION WIRING (IF APPLICABLE)

115VAC / 60Hz

LINE (BLK)

NEUTRAL (WHT)

GROUND (G)

PHOTOCELL
OR
LIGHTING CONTROL
{BY OTHERS}

LOCAL
DISCONNECT
{BY OTHERS}

CLOCK ILLUMINATION

PATH M:\ACAD10\A-14425.DWG

TITLE
Clock Installation Wiring Detail
Control & Illumination Diagram

SCALE NONE
DATE 06-24-15
DRAWN DMC
APP'V TDE

electric time
company, inc. medfield, ma

VIEW LASER
DRAWING A-14425

Standard Terms & Conditions of Sale

97 West Street, P.O. Box 466

Medfield, MA 02052 USA

(p) 508.359.4396 (f) 508.359.4482

www.electrictime.com

TAXES Unless otherwise stated, prices are exclusive of applicable sales, excise or similar taxes of federal, state or local government. As a Massachusetts corporation, we collect only Massachusetts taxes. Any other applicable taxes must be reported and paid directly by the purchaser.

INSURANCE Any insurance requirements made by you which result in an expense to Electric Time Co., Inc., will be in addition to any published or quoted prices. Copies of insurance certificates are available on request. To be named as an additional insured for a specific project, there will be an additional \$250.00 one-time charge.

PRICES All prices are in U.S. dollars and payment is to be in U.S. dollars. Unless otherwise stated, if we provide a written quotation, we hold quoted prices for 90 days. Prices are subject to change without notice. It is our policy not to review and execute contracts for orders under \$25,000.

SHIPMENTS Unless otherwise stated, all shipments are made F.O.B., Medfield, MA, USA. All quoted lead times are approximate based upon current and projected work loads. Shipments will be made the least expensive and fastest way, taking into consideration the delivery and urgent need of your order, unless otherwise stated on your order. Prepaid freight charges will be added to invoices.

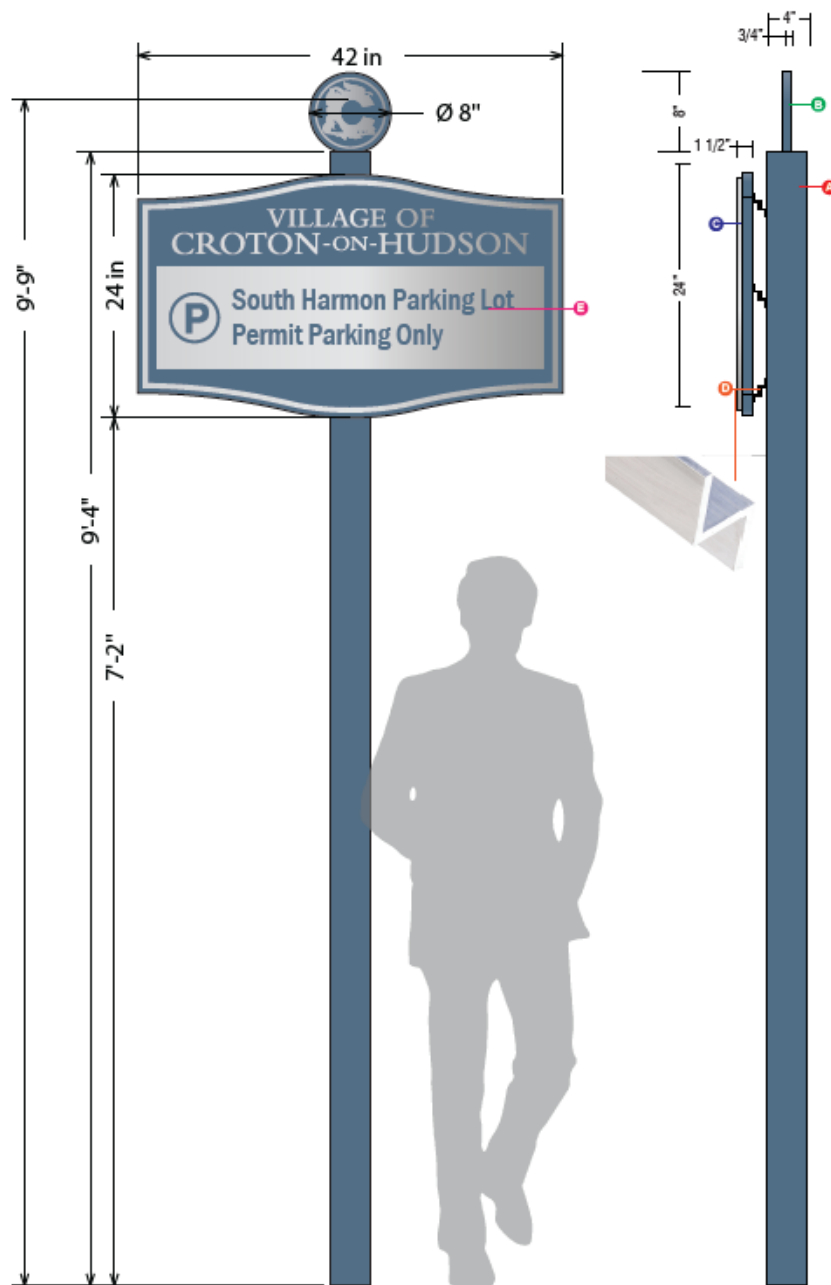
CLAIMS Upon acceptance from Electric Time Co., Inc. by the carrier, the material becomes the property of the consignee. All claims for damage, breakage or loss, concealed or obvious, must be made to the carrier by the consignee. Claims of short shipment must be made to Electric Time Co., Inc. within five (5) days of receipt of material.

PAYMENT Orders under \$1,000.00 will require full payment with order. Since all the equipment we manufacture is custom built, we require a 40% deposit on any order over \$1,000.00. To establish an account with us, we require three credit references and the name of your bank with full addresses. If you do not care to open an account, we can ship upon receipt of final payment. All payments are due NET 10 days upon receipt of invoice. Final payment is due within 30 days after shipment of clocks invoiced. After 30 days, there will be a 1-1/2% interest charge per month on any unpaid balance. Minimum invoice charge is \$55.00. Payments made with a credit card are subject to a 3% convenience fee. For international sales, payment is to be made by wire transfer.

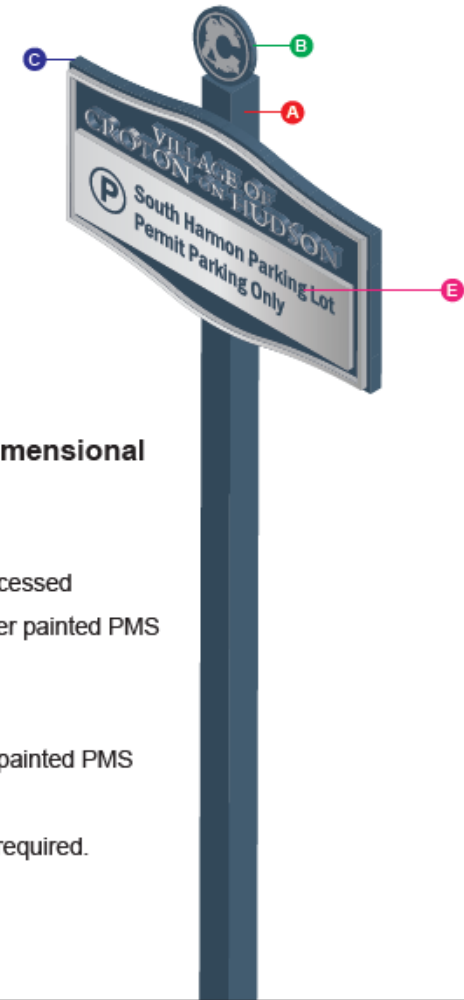
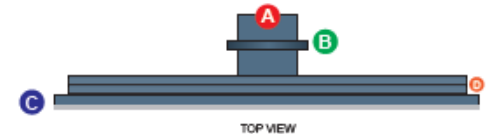
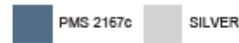
WARRANTY All equipment is sold subject to the mutual agreement that it is warranted by Electric Time Co., Inc. to be free from defects of material and construction, but our liability in connection with it shall be limited to replacing or repairing without charge at our factory any material or construction defects which become apparent within three years from the date on which new equipment is shipped, that we shall have no liability for damages of any kind arising from the installation and/or use of the apparatus by anyone, and that the purchaser by the acceptance of the equipment will assume all liability for any damages which may result from its use or misuse by the purchaser, his or its employees or by others. There is no guarantee or warranty or liability except as here stated.

RETURNS Since most of our clocks are custom built, in general, returns are not accepted. Standard stock items may be returned for credit, subject to inspection and acceptance, if prior authorization has been obtained from Electric Time Co., Inc. There will be a 20% restocking charge on all standard catalog items.

FINISHES Our standard paint colors are matte black, off-white, bright-white, satin aluminum, medium bronze (matches Duranodic #312), dark bronze (matches Duranodic #313), forest green, gold, blue and red. Other colors and finishes are available at additional cost.



- A** 4" x 4" Aluminum Post
- B** Flat 3/4" Circular Plate welded to Post Painted 2 colors
- C** 1.5" Cedar Wood Carved and Painted PMS2167 & Silver Recessed Background with raised "slats", border and Header verbiage
- D** Z Channel on post and cedar sign with bolts
- E** Painted Lettering PMS 2167C to fully match sign color



Manufacture and Install New S/S Dimensional Carved Cedar Directional Sign

New 1.5" Carved cedar directional sign with recessed background and raised slats, border and header painted PMS 2167 and Silver.

Post and Z-Clips painted PMS 2167

New 3/4" flat cut circle welded to post top and painted PMS 2167 with Silver Painted Logo to match

*Post embedded into new concrete footing as required.

	CUSTOMER INFORMATION	JOB DESCRIPTION	CUSTOMER APPROVAL
 San Signs & Awnings 925 Saw Mill River Rd. Yonkers, NY 10710 914.375.6674 www.sansigns.com info@sansigns.com	Job No.: 17141 - South Harmon Sign B. Address: 1 Van Wyck St. Croton-on-Hudson, NY, 10520-2525 Install Loc: TBD Date: 8/19/2025 Project Manager: Isabel Miguel Designer: Eddy S	Material: Cedar Wood // Aluminum Qty: 1 Size: 42 x 24 in Color/Copy: PMS 2467 C Lamination: N/A Install By: SSA Fonts:	Customer Signature _____ Date _____ PLEASE NOTE: The artwork provided is the exclusive property of San Signs & Awnings (SSA). It is protected by all copyright laws. This artwork cannot be used or reproduced without the explicit consent of SSA. Unauthorized use is subject to all penalties provided for. Any proofs completed after the first three proofs will incur a fee per proof thereafter. Be sure to check all spelling, sizes and colors. Customer is responsible for any extra charges that occur after final approval.