

8

7

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1

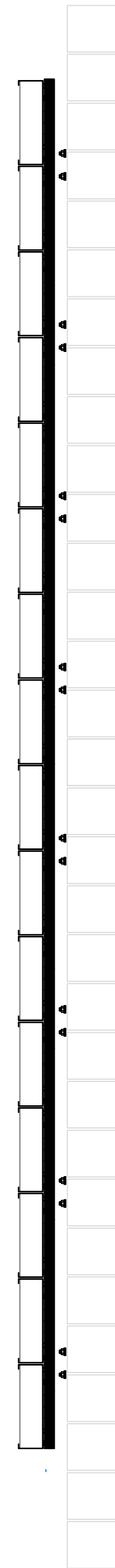
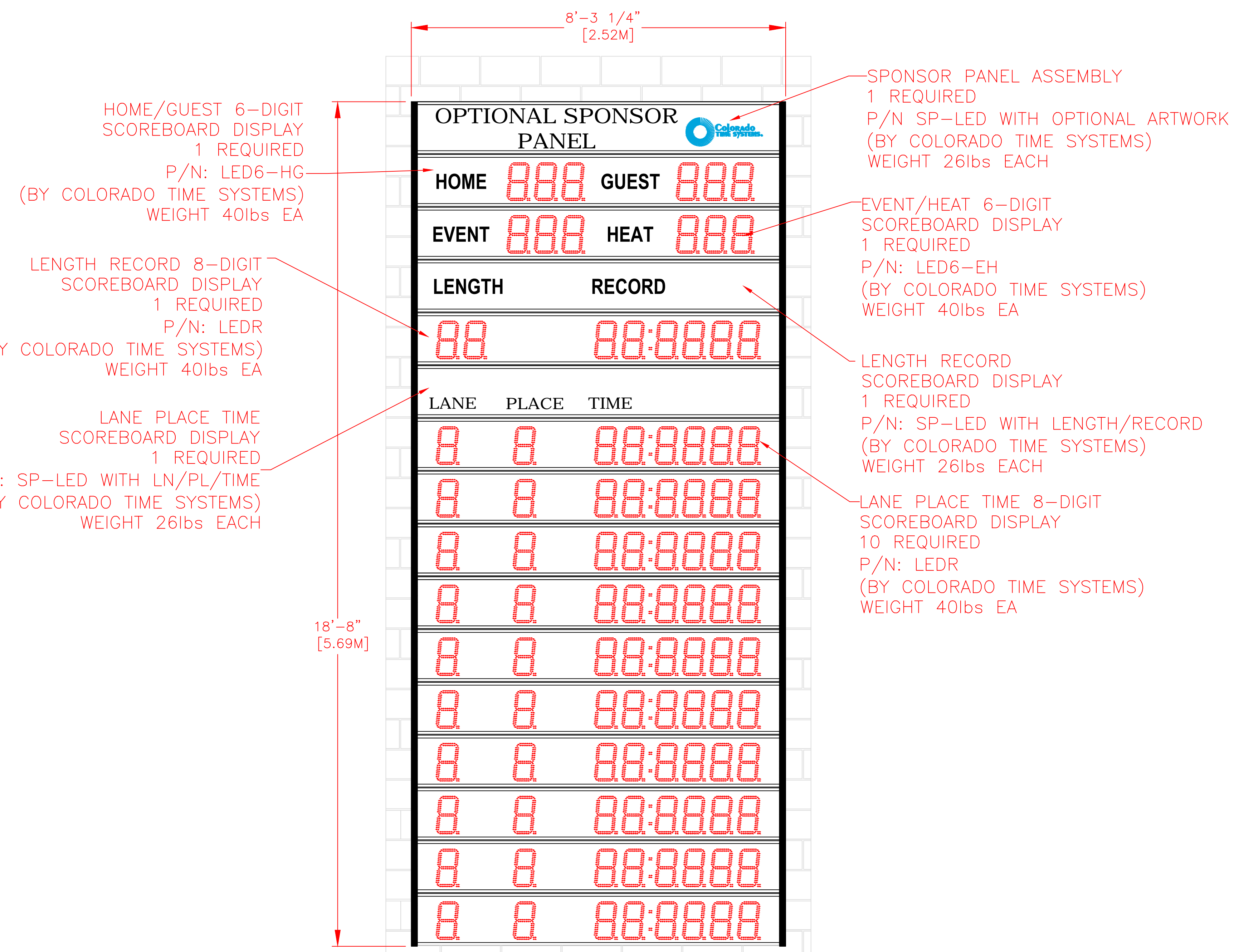
BILL OF MATERIAL				
ITEM	QTY	DESCRIPTION	CTS P/N	MFG P/N

D

C

B

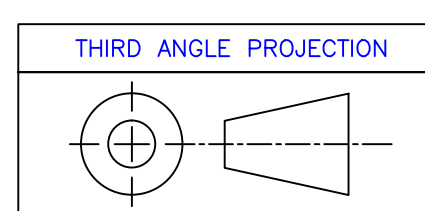
A



FRONT VIEW

SIDE VIEW

- NOTES:
- TOTAL WEIGHT - 598 LBS - INCLUDES DISPLAY PORTION ONLY
 - DIMENSIONS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE DUE TO DETAILED DESIGN CONSIDERATIONS
 - THIS DRAWING FOR DESIGN ONLY - PLEASE CONSULT CTS PRIOR TO ANY FABRICATION/INSTALLATION
 - ONLY APPROVED SHOP DRAWINGS SHOULD BE USED FOR CONSTRUCTION
 - ALL CONSTRUCTION AND FABRICATION MUST MEET ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES
 - ALL ON-SITE WORK TO BE DONE IN ACCORDANCE WITH OSHA AND ALL LOCAL CODES THAT APPLY
 - CTS PROVIDES DISPLAY, UNISTRUT, AND BRACKETING - ALL OTHER STRUCTURAL COMPONENTS AND FABRICATION MUST BE PROVIDED BY OTHER



A INITIAL RELEASE		8/8/12		ERS	
REV	DESCRIPTION	ECO/PCO #	DATE	APPROVED	
REVISIONS					
ALL DIMS IN INCHES UNLESS OTHERWISE NOTED INCH [MM] 1 INCH = 25.4MM		DRAWN BY C. CARR DATE 8/8/12		1551 E. 11th. St. Loveland, CO 80537 P: (970) 667-1000 F: (970) 667-5876	
TOLERANCES EXCEPT AS NOTED		PROJECT ENG.		TITLE 10-LANE SWIM HG/EH/LR	
INCHES .X ± N/A .XX ± N/A .XXX ± N/A MM .X ± .XX ±		DO NOT SCALE THIS DRAWING TRADE SECRET		NEXT ASSEMBLY DRAWING NUMBER D10-1-1-16-006A	
ANGLES ± 1° UNLESS OTHERWISE SPECIFIED: VARIATIONS IN FORM FOR UNMACHINED FEATURES ARE PERMITTED WITHIN ESTABLISHED COMMERCIAL STANDARDS. ALL EDGES AND CORNERS 0.005-0.020 (APPROX RADIUS OR CHAMFER) - ALL FILLETS 0.005-0.020 (APPROX RADIUS) - SCREW THREADS PER ANSI B1.1 - PIPE THREADS PER ANSI B1.1 - SURFACE ROUGHNESS PER ANSI B46.1 - SURFACE ROUGHNESS ON HOLES 250 MAX		MATERIAL SEE BILL OF MATERIAL		SCALE 1/2"=1' SHEET 1 OF 3	

8

7

6

5

4

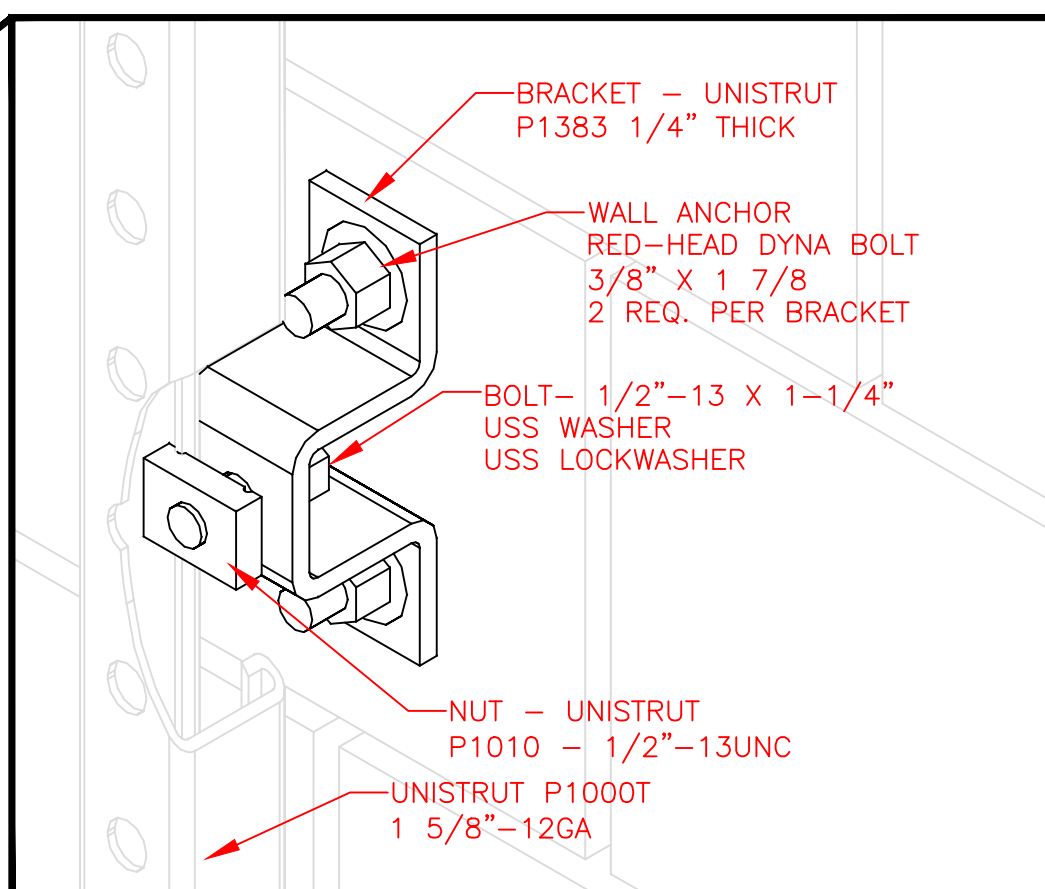
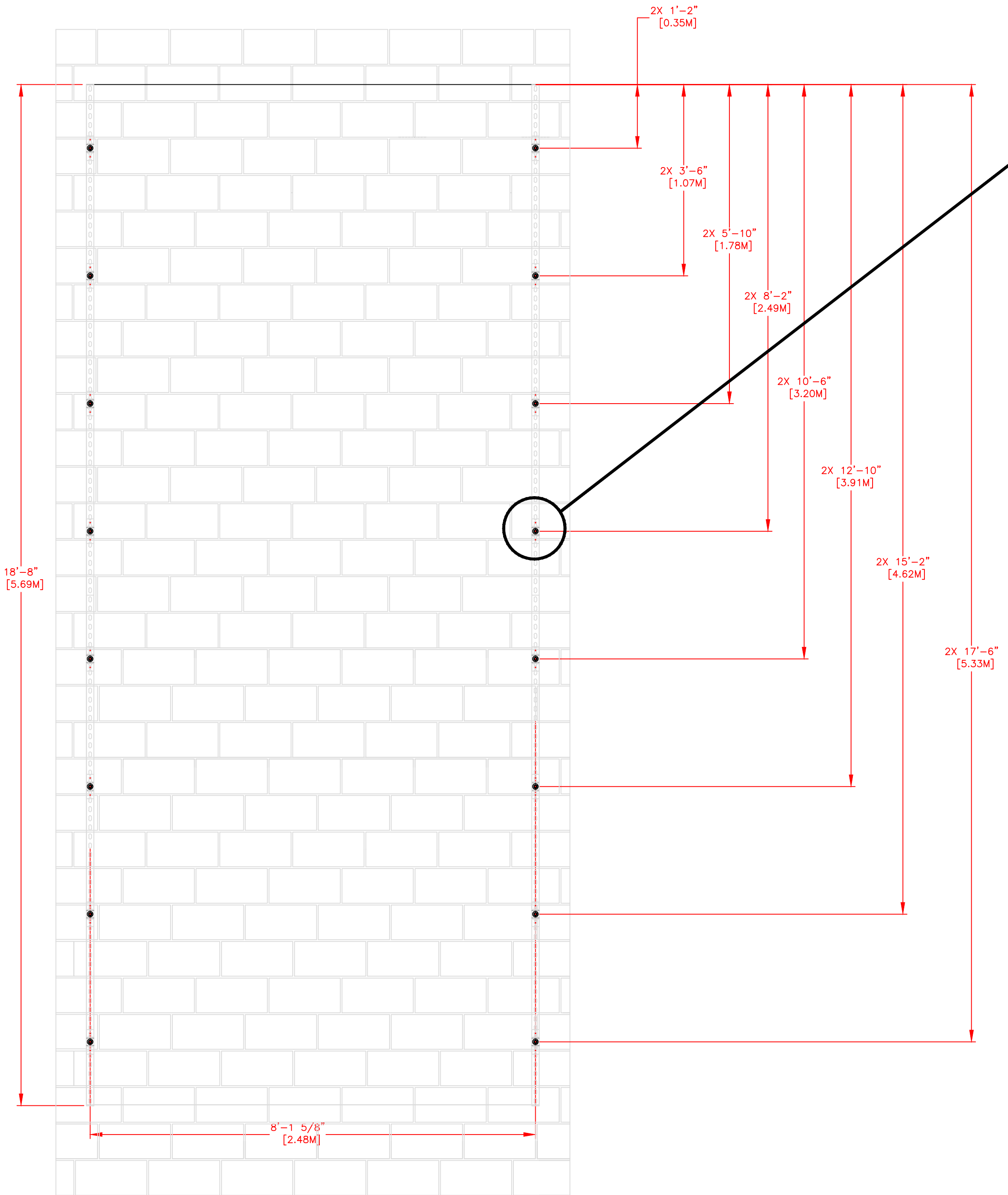
3

2

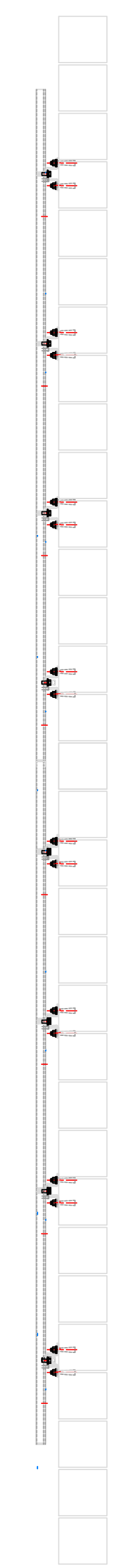
1

8 7 6 5 4 3 2 1

BILL OF MATERIAL				
ITEM	QTY	DESCRIPTION	CTS P/N	MFG P/N



UNISTRUT MOUNTING
HARDWARE DETAIL
TYPICAL 16 PLCS
SCALE: 6"=1'



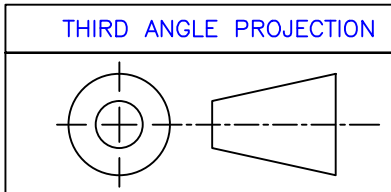
SIDE VIEW

FRONT VIEW

REV	DESCRIPTION	ECO/PCO #	DATE	ERS APPROVED
A	INITIAL RELEASE		8/8/12	ERS

1551 E. 11th. St.
 Loveland, CO 80537
 P: (970) 667-1000
 F: (970) 667-5876

ALL DIMS IN INCHES UNLESS OTHERWISE NOTED INCH [MM] 1 INCH = 25.4MM	DRAWN BY C. CARR	DATE 8/8/12
TOLERANCES EXCEPT AS NOTED	ENG. APPROVAL	
	PROJECT ENG.	
INCHES .X ± N/A .XX ± N/A .XXX ± N/A	MM .X ± .XX ±	
ANGLES ± 1°	DO NOT SCALE THIS DRAWING	
MATERIAL SEE BILL OF MATERIAL	TRADE SECRET	
FINISH	The information and data contained herein is secret and is submitted in confidence, and shall not be disclosed, used, or duplicated for any purpose whatsoever without the prior written permission of Colorado Time Systems, Inc., 1551 E. 11th Street, Loveland, Colorado, 80537. This legend shall be marked on any reproduction hereof in whole or in part. Receipt of this document shall be deemed to be an acceptance of the conditions specified herein.	



UNLESS OTHERWISE SPECIFIED:
 VARIATIONS IN FORM FOR UNMACHINED FEATURES ARE PERMITTED WITHIN ESTABLISHED COMMERCIAL STANDARDS. ALL EDGES AND CORNERS 0.005-0.020 (APPROX RADIUS OR CHAMFER) - ALL FILETS 0.005-0.020 (APPROX RADIUS) - SCREW THREADS PER ANSI B1.1 - PIPE THREADS PER ANSI B1.1 - SURFACE ROUGHNESS PER ANSI B46.1 - SURFACE ROUGHNESS ON HOLES 250 MAX

TITLE 10 LANE SWIM STRUCTURAL DETAILS	DRAWING NUMBER D10-1-1-16-006A
SCALE 3/4"=1'	SHEET 2 OF 3

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

NOTES:

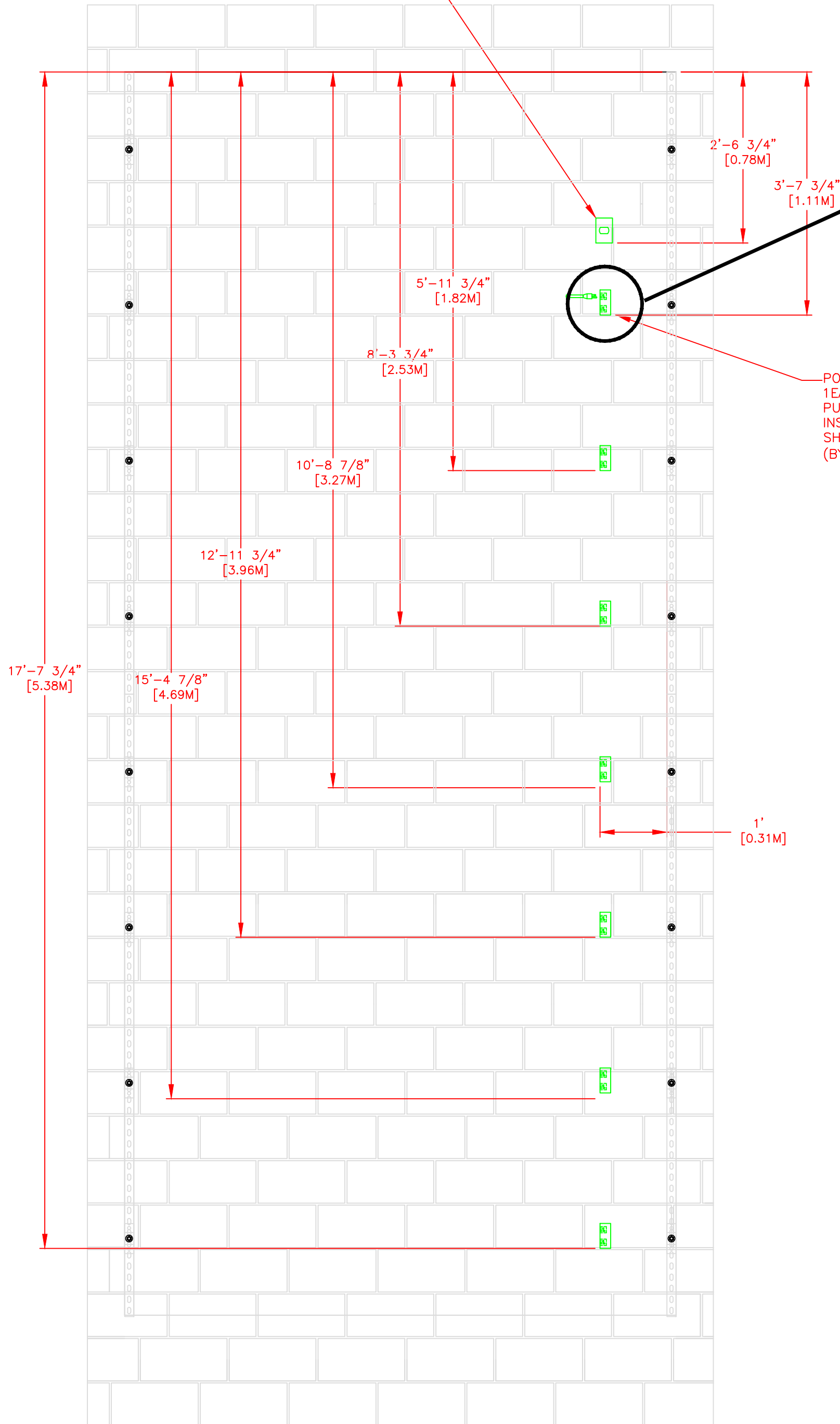
1. EACH DUPLEX RECEPTACLE IS 125V, USE LEVITON #5352 OR EQUIVALENT.
2. RECEPTACLES MUST BE IN PLACE BEFORE CTS INSTALLATION.
3. POWER REQUIREMENTS: 120V, 1AMP PER SCOREBOARD MODULE MAXIMUM OF 16 MODULES PER 20A CIRCUIT.
4. SINGLE GANG WALL BOX WITH BLANK PLATE FOR DATA CABLE. ONE REQUIRED PER DISPLAY.
5. CONTROL CIRCUIT SHALL BE 125V 20A. NATIONAL ELECTRICAL CODE REQUIRES A MEANS OF DISCONNECT AT THE LOCATION OF THE SIGN. SCOREBOARD SHALL BE WIRED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ARTICLE 600-6.

***IT IS EXTREMELY IMPORTANT THAT THE CIRCUITS USED TO POWER THE SCOREBOARD NOT BE SHARED WITH OTHER DEVICES. THE SCOREBOARD IS SENSITIVE TO "NOISE" ON THE AC POWER LINE.

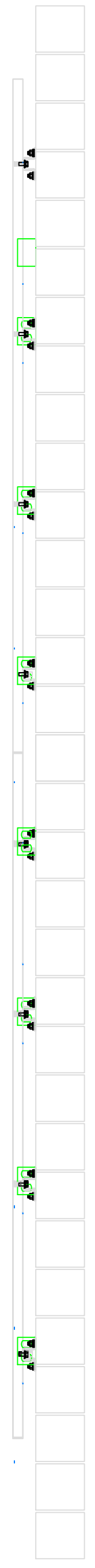
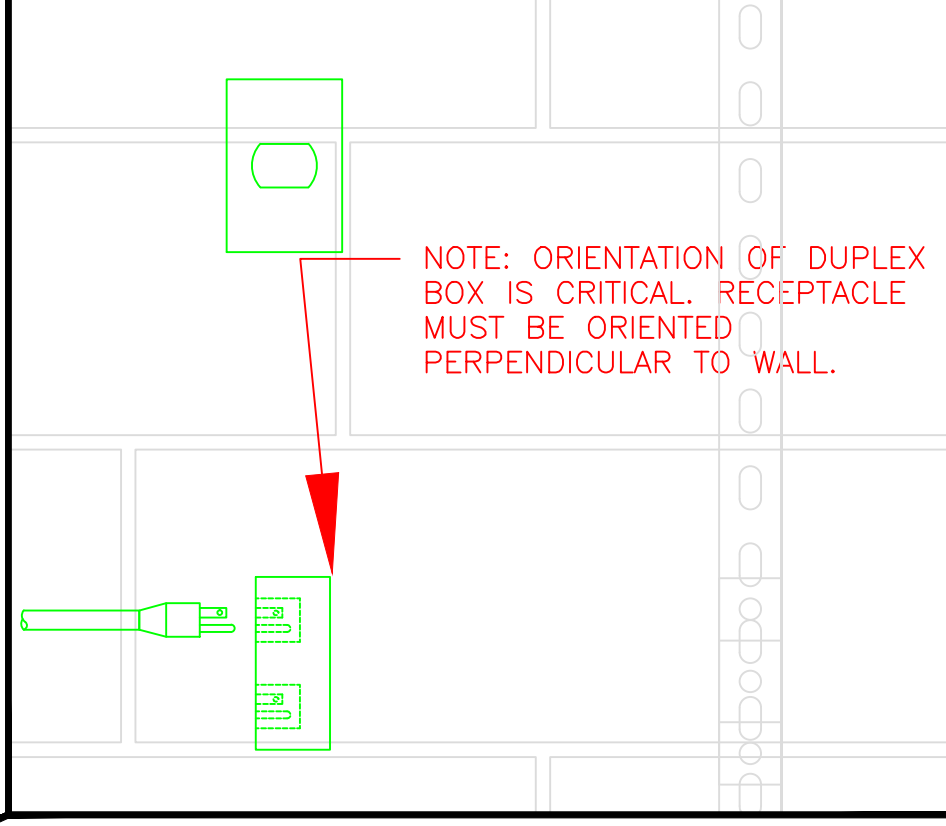
DATA TERMINATION LOCATION
WEATHER PROOF SINGLE GANG JUNCTION BOX
PULL 2PAIR SHIELDED 18GA CABLE FROM
TIMING CONTROL AREA TO HERE.
(BY ELECTRICAL CONTRACTOR)

NOTE: ORIENTATION OF DUPLEX
BOX IS CRITICAL. RECEPTACLE
MUST BE ORIENTED
PERPENDICULAR TO WALL.

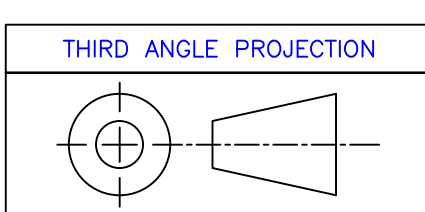
POWER SUPPLY:
1EA 120V 20A PLUS GROUND DEDICATED CIRCUIT
PULL FROM SERVICE DISCONNECT.
INSTALL 7ea DUPLEX BOXES AT LOCATIONS
SHOWN
(BY ELECTRICAL CONTRACTOR)



PLAN VIEW



SIDE VIEW



BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	CTS P/N	MFG P/N
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REV	DESCRIPTION	ECO/PCO #	DATE	ERS APPROVED
A	INITIAL RELEASE		8/8/12	ERS

<p>ALL DIMS IN INCHES UNLESS OTHERWISE NOTED INCH [MM] 1 INCH = 25.4MM TOLERANCES EXCEPT AS NOTED</p> <p>INCHES .X ± N/A .XX ± N/A .XXX ± N/A</p> <p>MM .X ± .XX ±</p> <p>ANGLES ± 1°</p> <p>MATERIAL SEE BILL OF MATERIAL</p> <p>FINISH</p>	<p>DRAWN BY C. CARR DATE 8/8/12</p> <p>ENG. APPROVAL</p> <p>PROJECT ENG.</p> <p>DO NOT SCALE THIS DRAWING</p> <p>TRADE SECRET</p> <p>The information and data contained herein is secret and is submitted in confidence, and shall not be disclosed, used, or duplicated for any purpose whatsoever without the prior written permission of Colorado Time Systems, Inc., 1551 E. 11th Street, Loveland, Colorado, 80537. This legend shall be printed on any reproduction hereof in whole or in part. Receipt of this document shall be deemed to be an acceptance of the conditions specified herein.</p>	<p>1551 E. 11th. St. Loveland, CO 80537 P: (970) 667-1000 F: (970) 667-5876</p> <p>Colorado TIME SYSTEMS</p> <p>TITLE 10 LANE SWIM ELECTRICAL DETAILS</p> <p>NEXT ASSEMBLY</p> <p>SIZE D 10-1-1-16-006 A</p> <p>SCALE 3/4"=1'</p> <p>SHEET 3 OF 3</p>
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8 7 6 5 4 3 2 1