

8

7

6

5

4

3

2

1

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

SPONSOR PANEL ASSEMBLY  
2 REQUIRED  
P/N SP-LED WITH OPTIONAL ARTWORK  
(BY COLORADO TIME SYSTEMS)  
WEIGHT 26lbs EACH

16'-4 7/8"  
[5.00M]

LANE PLACE TIME  
SIGN PANEL DISPLAY  
2 REQUIRED  
P/N: SP-LED WITH LN/PL/TIME  
(BY COLORADO TIME SYSTEMS)  
WEIGHT 26lbs EACH

7'  
[2.13M]

### OPTIONAL SPONSOR PANEL



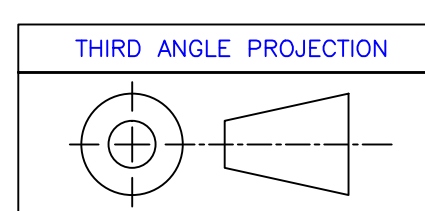
LANE	PLACE	TIME	LANE	PLACE	TIME
8	8	88:8888	8	8	88:8888
8	8	88:8888	8	8	88:8888
8	8	88:8888	8	8	88:8888
8	8	88:8888	8	8	88:8888

LANE PLACE TIME 8-DIGIT  
SCOREBOARD DISPLAY  
8 REQUIRED  
P/N: LEDR  
(BY COLORADO TIME SYSTEMS)  
WEIGHT 40lbs EA

FRONT VIEW

SIDE VIEW

- NOTES:
- TOTAL WEIGHT - 424 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



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

<p>ALL DIMS IN INCHES UNLESS OTHERWISE NOTED INCH [MM] 1 INCH = 25.4MM</p> <p>TOLERANCES EXCEPT AS NOTED</p> <table border="1"> <tr> <td>INCHES</td> <td>MM</td> </tr> <tr> <td>.X ± N/A</td> <td>.X ±</td> </tr> <tr> <td>.XX ± N/A</td> <td>.XX ±</td> </tr> <tr> <td>.XXX ± N/A</td> <td>.XX ±</td> </tr> </table> <p>ANGLES ± 1°</p> <p>MATERIAL SEE BILL OF MATERIAL</p> <p>FINISH</p>	INCHES	MM	.X ± N/A	.X ±	.XX ± N/A	.XX ±	.XXX ± N/A	.XX ±	<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>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</p>	<p>1551 E. 11th. St. Loveland, CO 80537 P: (970) 667-1000 F: (970) 667-5876</p> <p>TITLE 8 LANE SWIM SCBD DISPLAY</p> <p>SIZE D108-2-1-12-002 A</p> <p>SCALE 1/2"=1'</p>
INCHES	MM									
.X ± N/A	.X ±									
.XX ± N/A	.XX ±									
.XXX ± N/A	.XX ±									

8

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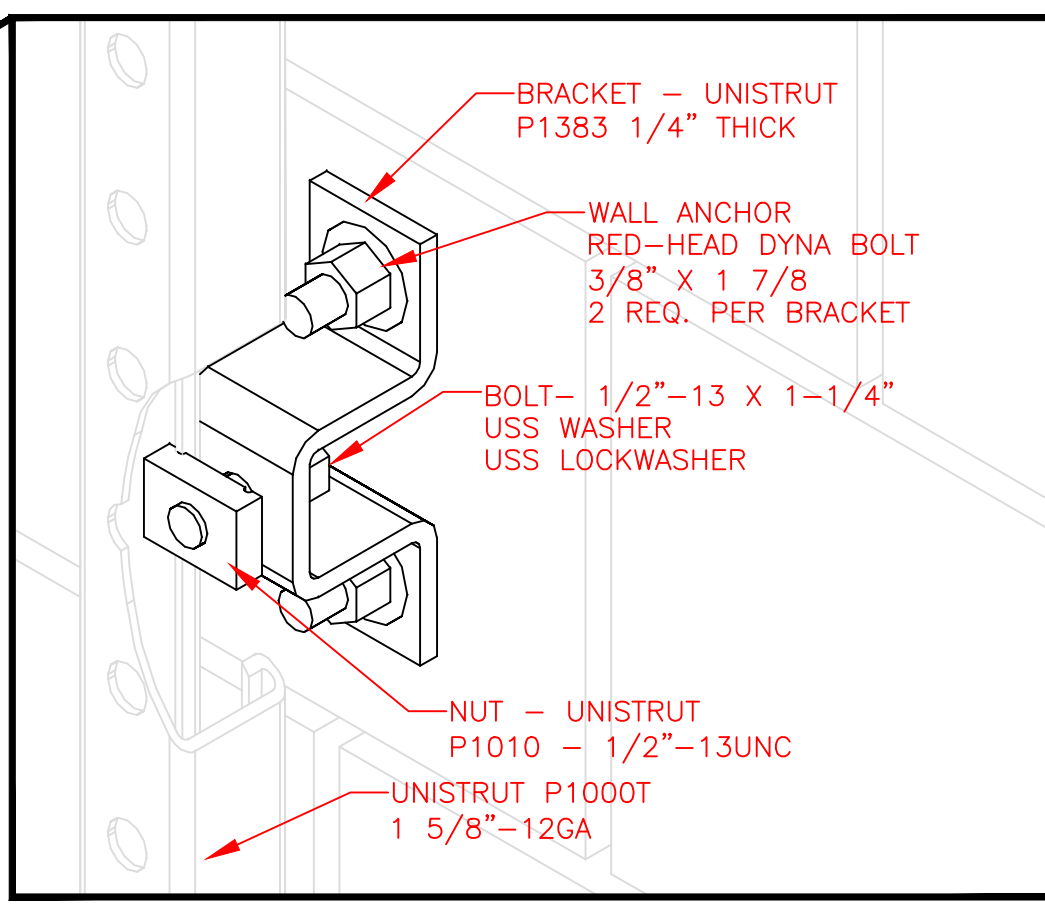
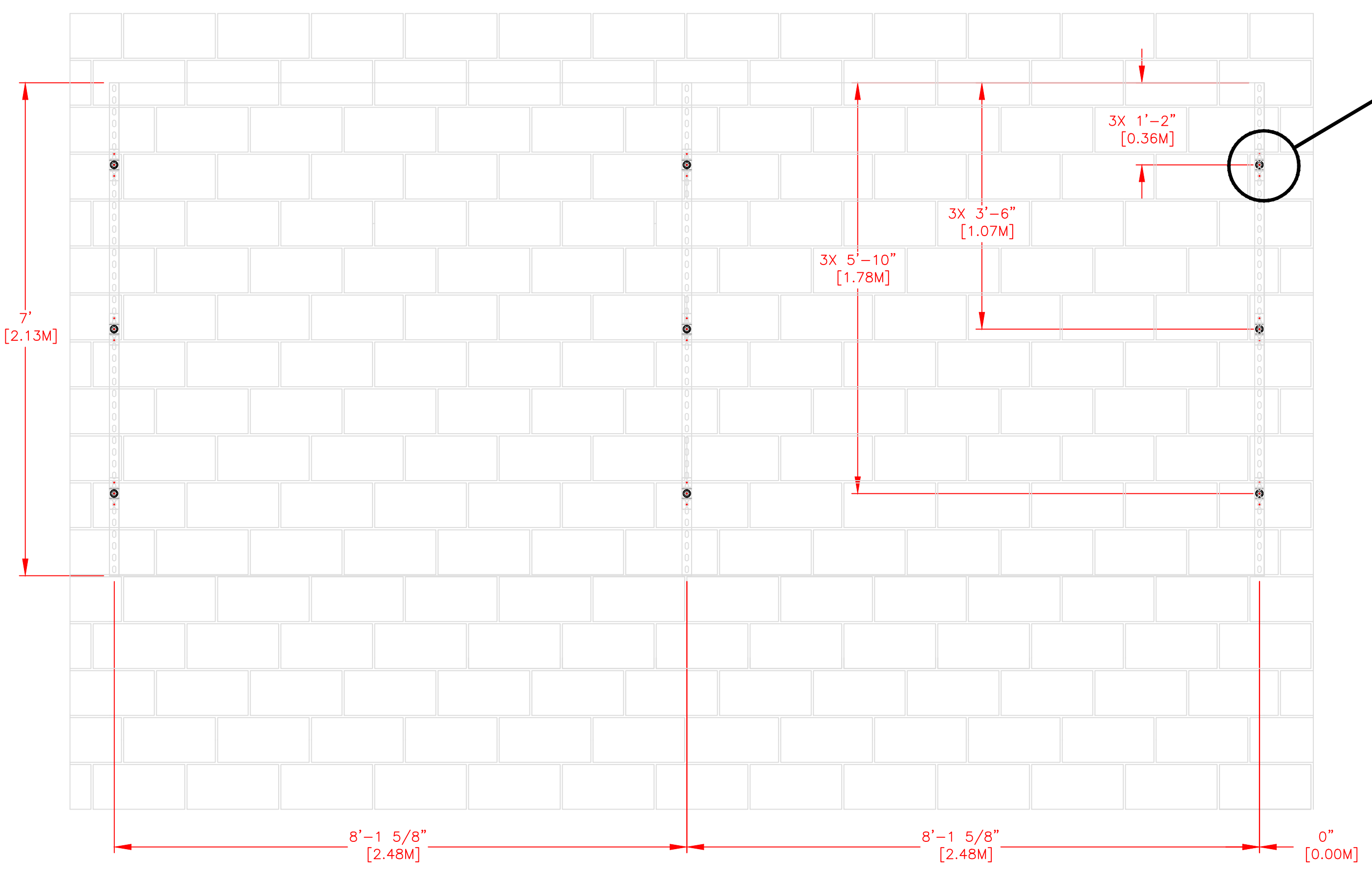
3

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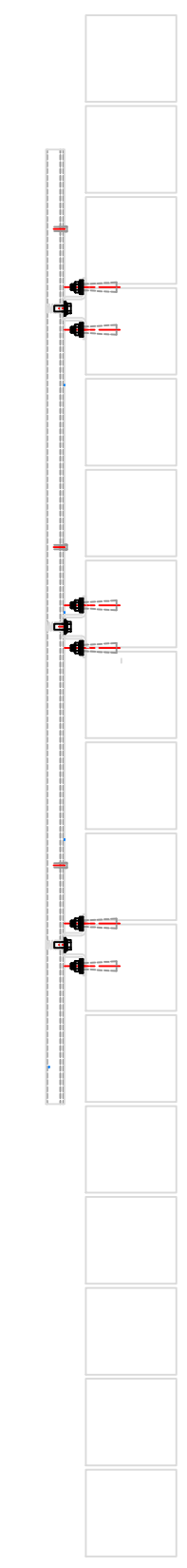
8 7 6 5 4 3 2 1

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



- BRACKET - UNISTRUT P1383 1/4" THICK
- WALL ANCHOR RED-HEAD DYNA BOLT 3/8" X 1 7/8 2 REQ. PER BRACKET
- BOLT - 1/2"-13 X 1-1/4" USS WASHER USS LOCKWASHER
- NUT - UNISTRUT P1010 - 1/2"-13UNC
- UNISTRUT P1000T 1 5/8"-12GA

UNISTRUT MOUNTING  
HARDWARE DETAIL  
TYPICAL 9 PLCS  
SCALE: 6"=1'

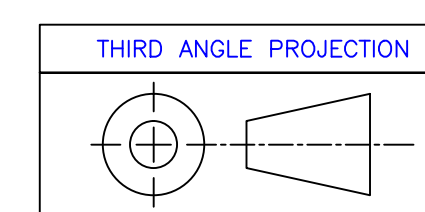


SIDE VIEW

FRONT VIEW

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8 7 6 5 4 3 2 1

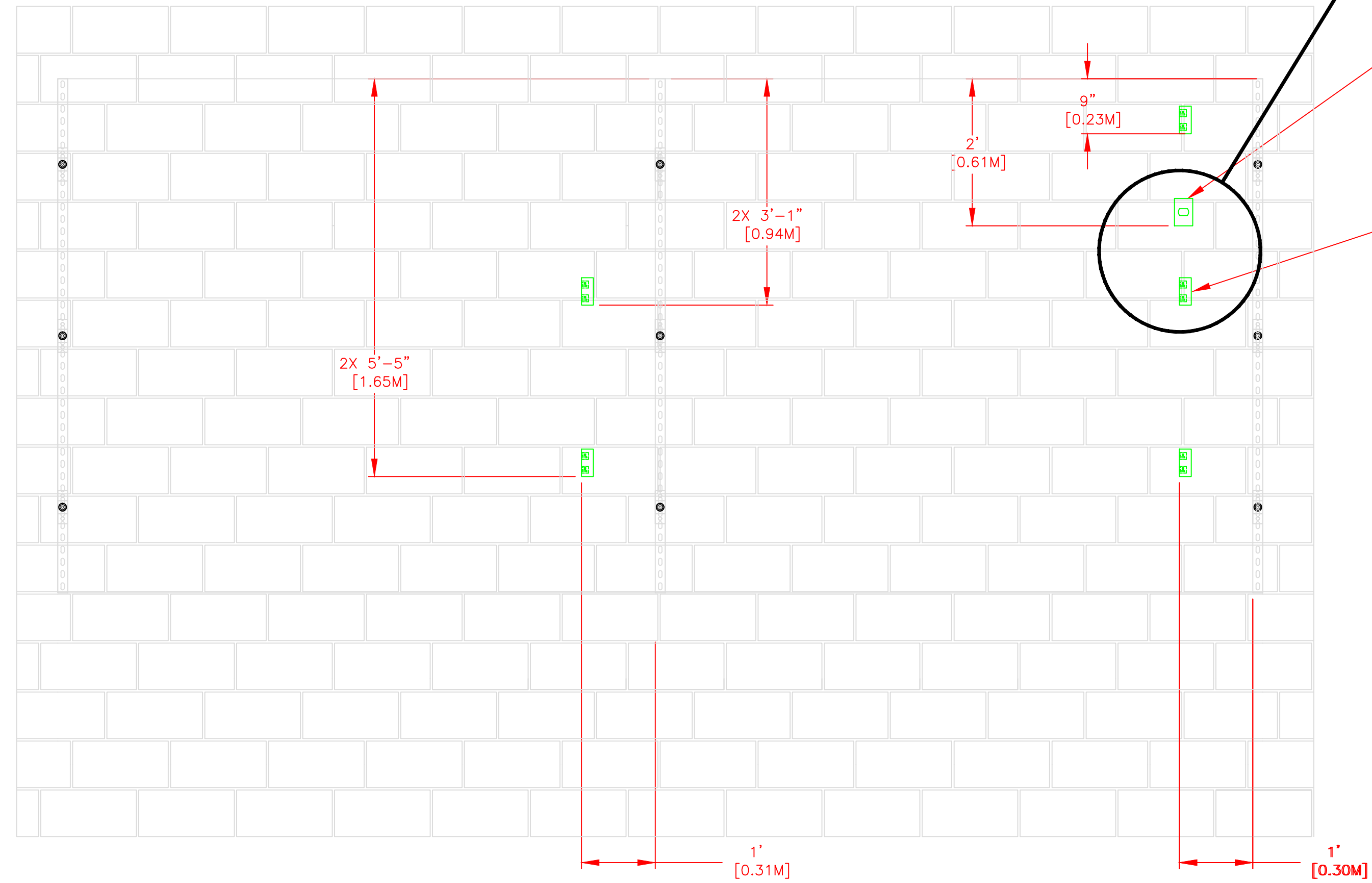
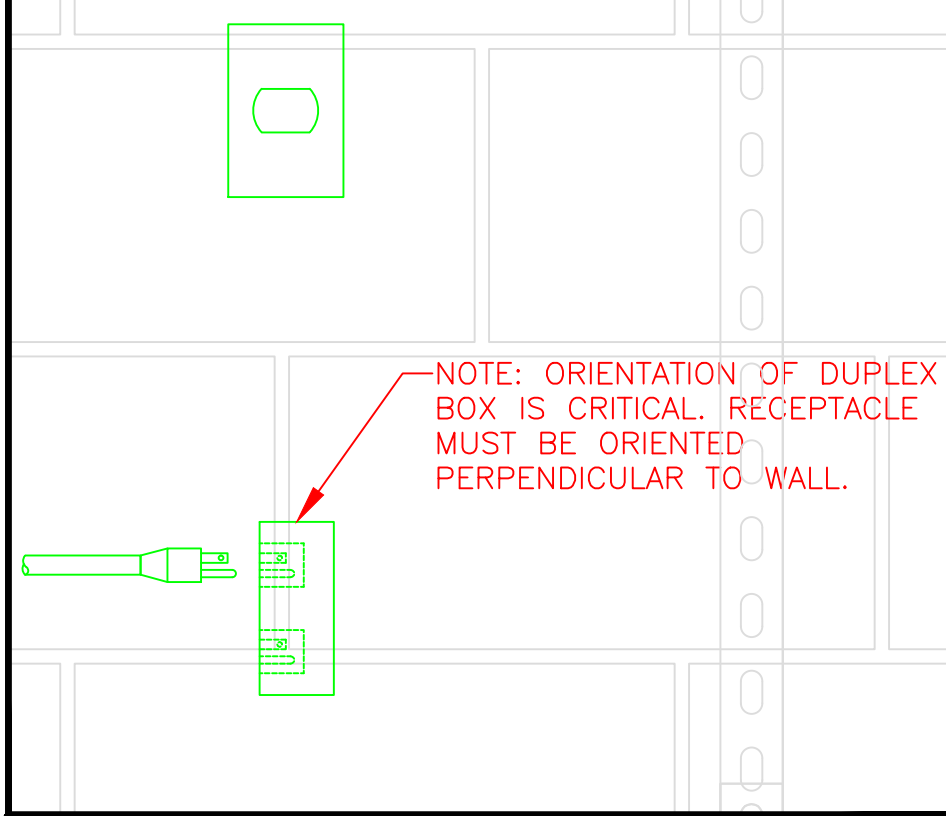
8 7 6 5 4 3 2 1

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.

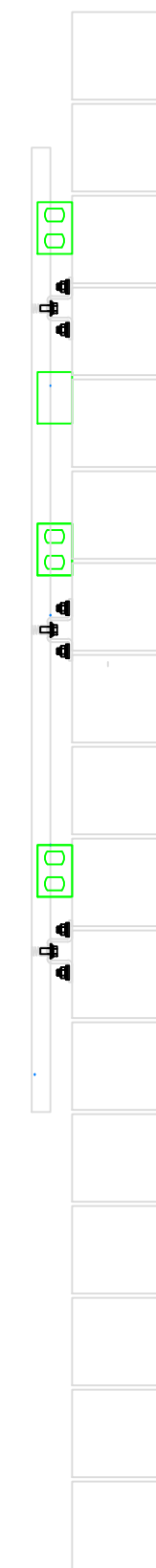
\*\*\*IT IS EXTREMELY IMPORTANT THAT THE CIRCUITS USED TO POWER THE SCOREBOARD NOT BE SHARED WITH OTHER DEVICES. THE SCOREBOARD IS SENSITIVE TO "NOISE" ON THE AC POWER LINE.

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



PLAN VIEW

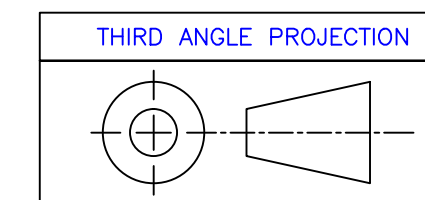
- DATA TERMINATION LOCATION WEATHER PROOF SINGLE GANG JUNCTION BOX PULL 2PAIR SHIELDED 18GA CABLE FROM TIMING CONTROL AREA TO HERE. (BY ELECTRICAL CONTRACTOR)
- POWER SUPPLY: 2EA 120V 20A PLUS GROUND DEDICATED CIRCUIT PULL FROM SERVICE DISCONNECT. INSTALL 5ea DUPLEX BOXES AT LOCATIONS SHOWN (BY ELECTRICAL CONTRACTOR)



SIDE VIEW

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