

8

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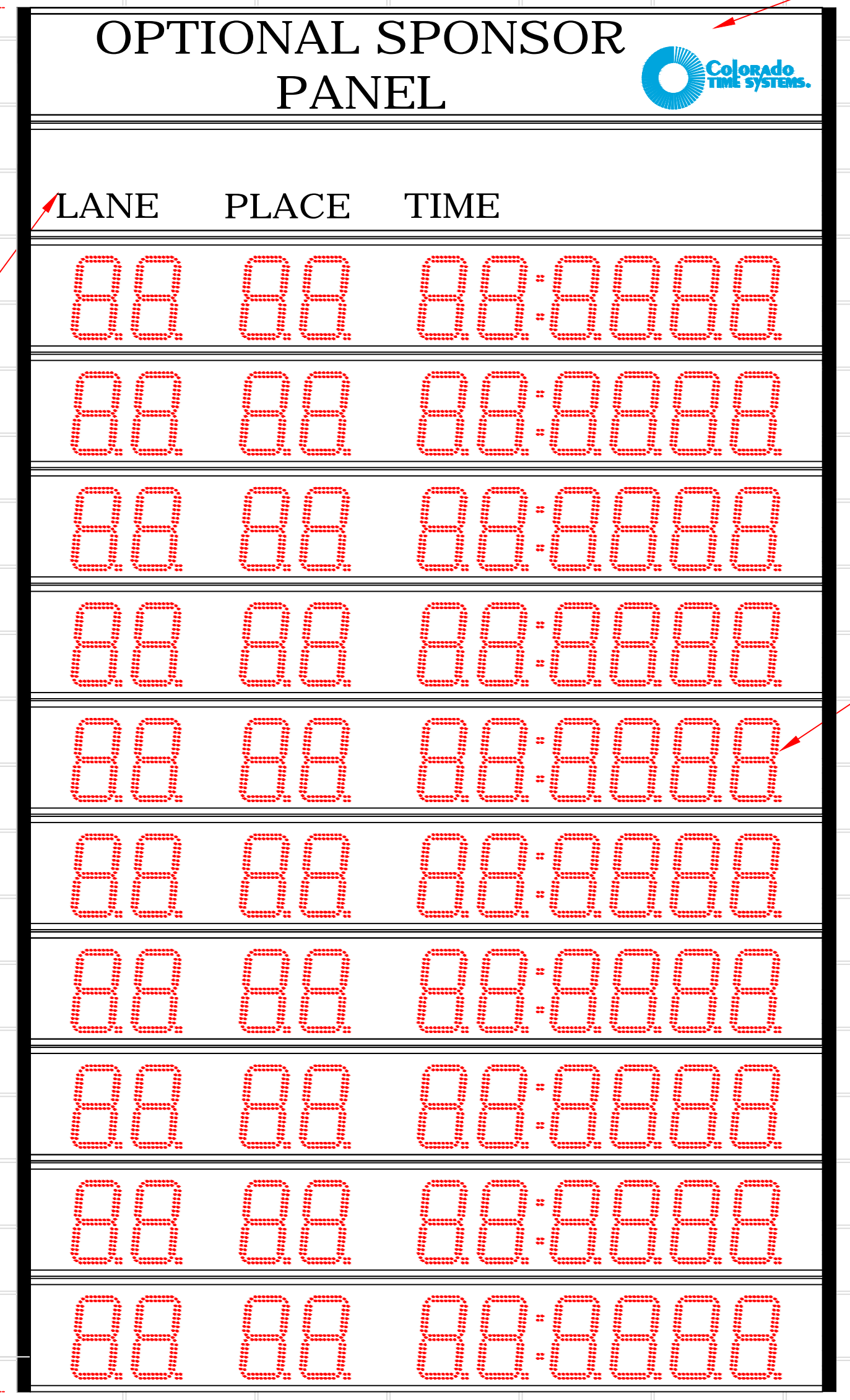
3

2

1

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

8'-3 1/4"
[2.52M]



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

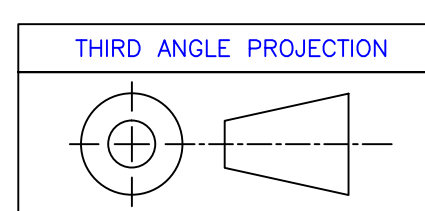
LANE PLACE TIME
SCOREBOARD DISPLAY
1 REQUIRED
P/N: SP-LED WITH LN/PL/TIME
(BY COLORADO TIME SYSTEMS)
WEIGHT 26lbs EACH

13'-11 3/4"
[4.26M]

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

FRONT VIEW

- NOTES:
- TOTAL WEIGHT - 452 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>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>	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>SEE BILL OF MATERIAL</p> <p>FINISH</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 TO LANE SWIM SCBD LAYOUT</p> <p>SIZE D</p> <p>DRAWING NUMBER D10-1-1-12-002</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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6

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4

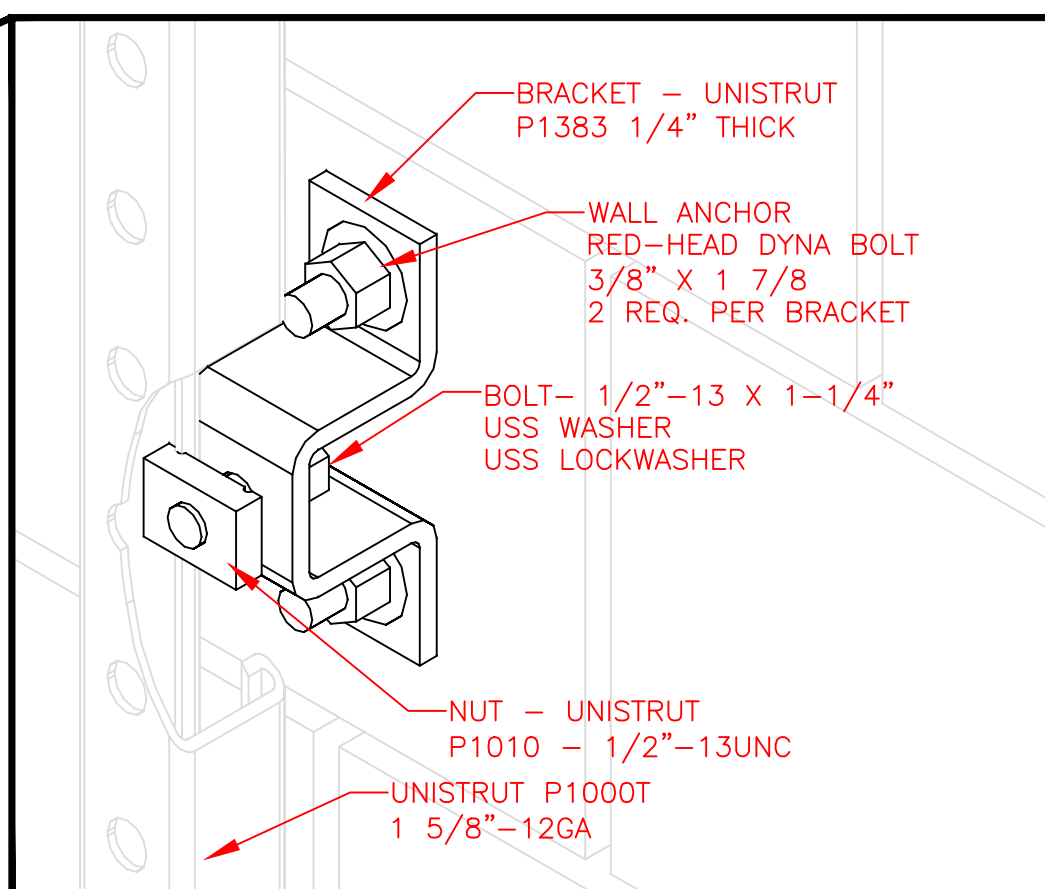
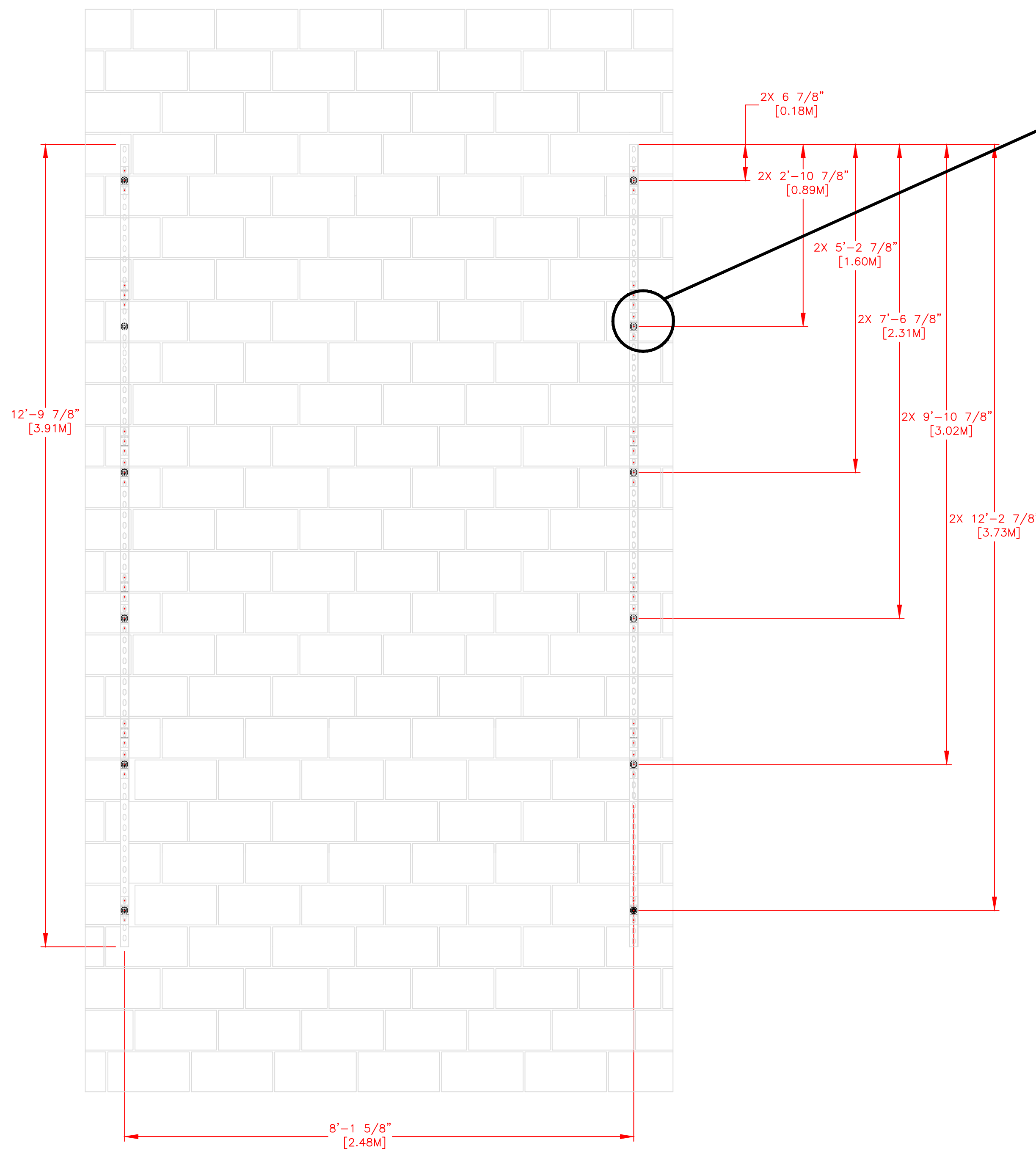
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2

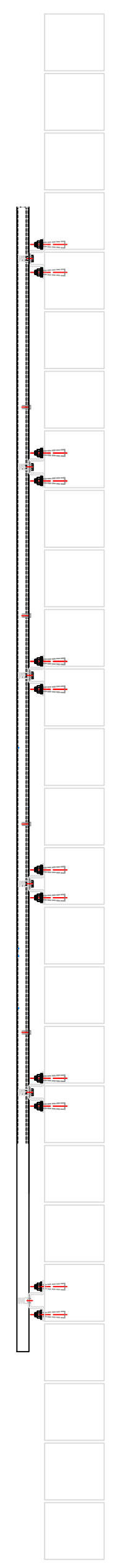
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8 7 6 5 4 3 2 1

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

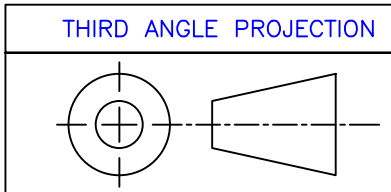


UNISTRUT MOUNTING HARDWARE DETAIL TYPICAL 12 PLCS SCALE: 6"=1'



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A	INITIAL RELEASE		8/8/12	ERS

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INCHES	MM									
.X ± N/A	.X ±									
.XX ± N/A	.XX ±									
.XXX ± N/A	.XX ±									



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

8 7 6 5 4 3 2 1

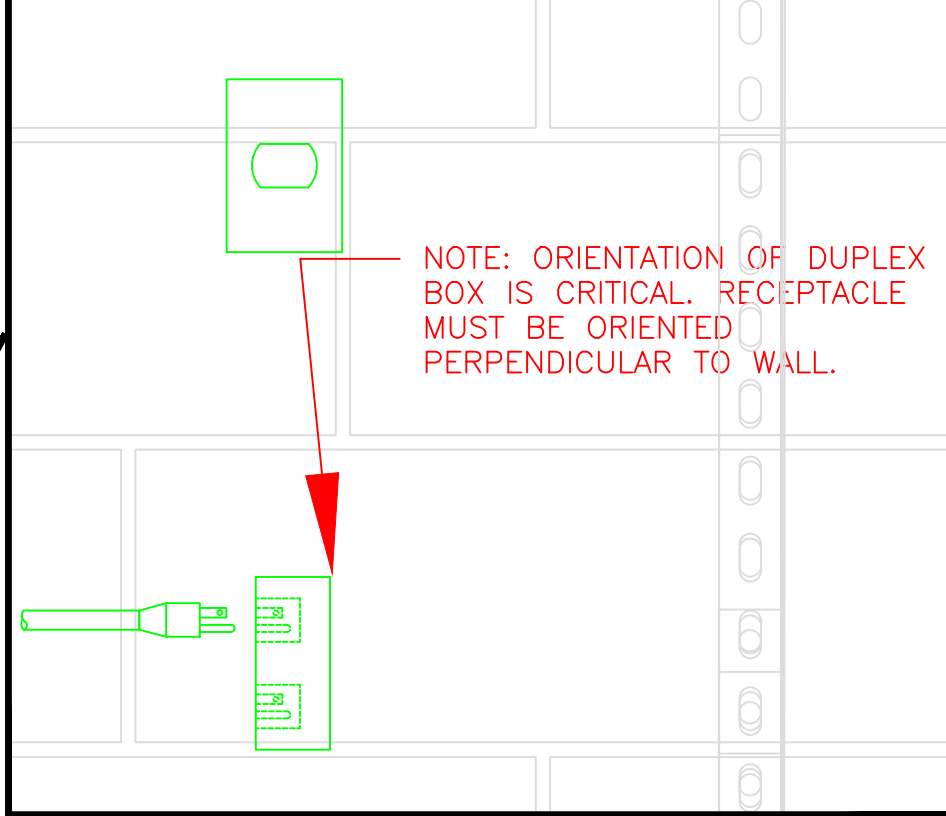
8 7 6 5 4 3 2 1

NOTES:

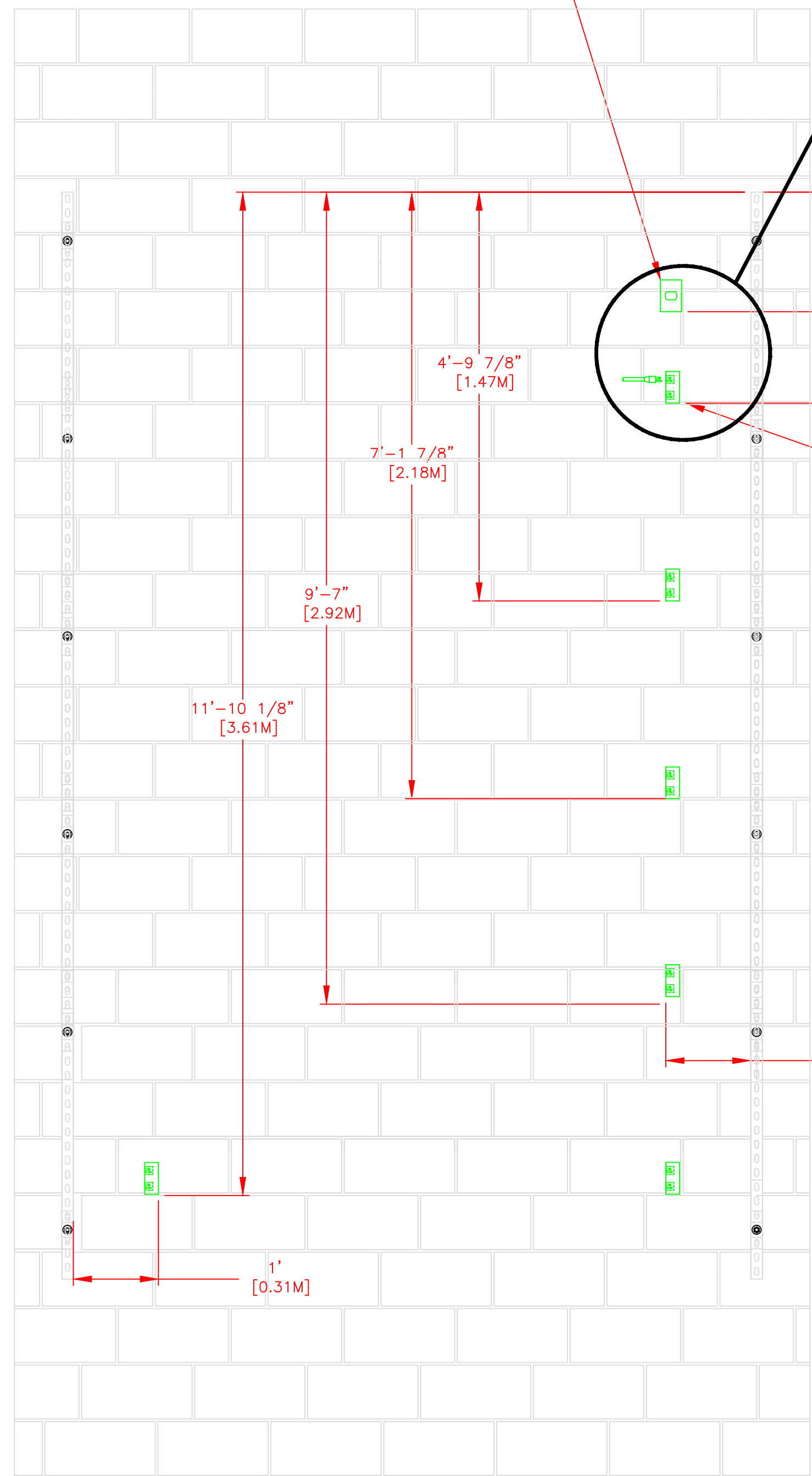
1. EACH DUPLEX RECEPTACLE IS 125V, USE LEVITON #5352 OR EQUIVALENT.
2. RECEPTACLES MUST BE IN PLACE BEFORE CTS INSTALLATION.
3. POWER REQUIREMENTS: 120V, 1AMP PER SCOREBOARD MODULE MAXIMUM OF 16 MODULES PER 20A CIRCUIT.
4. SINGLE GANG WALL BOX WITH BLANK PLATE FOR DATA CABLE. ONE REQUIRED PER DISPLAY.
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.

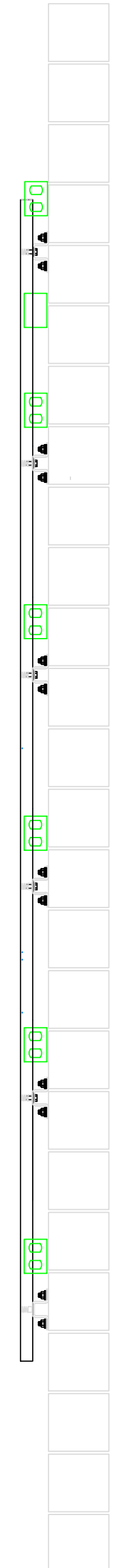
DATA TERMINATION LOCATION
PULL 2PAIR SHIELDED 18GA CABLE FROM WEATHER PROOF SINGLE GANG JUNCTION BOX
TIMING CONTROL AREA TO HERE.
(BY ELECTRICAL CONTRACTOR)



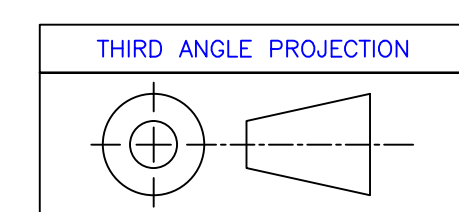
POWER SUPPLY:
1EA 120V 20A PLUS GROUND DEDICATED CIRCUIT
PULL FROM SERVICE DISCONNECT.
INSTALL 6ea DUPLEX BOXES AT LOCATIONS SHOWN
(BY ELECTRICAL CONTRACTOR)



PLAN VIEW



SIDE VIEW



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BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	CTS P/N	MFG P/N
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REV	DESCRIPTION	ECO/PCO #	DATE	ERS APPROVED
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8 7 6 5 4 3 2 1