

8

7

6

5

4

3

2

1

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

D

C

B

A

HOME/GUEST 6-DIGIT
SCOREBOARD DISPLAY
1 REQUIRED
P/N: LED6-HG
(BY COLORADO TIME SYSTEMS)
WEIGHT 40lbs EA

EVENT/HEAT 6-DIGIT
SCOREBOARD DISPLAY
1 REQUIRED
P/N: LED6-EH
(BY COLORADO TIME SYSTEMS)
WEIGHT 40lbs EA

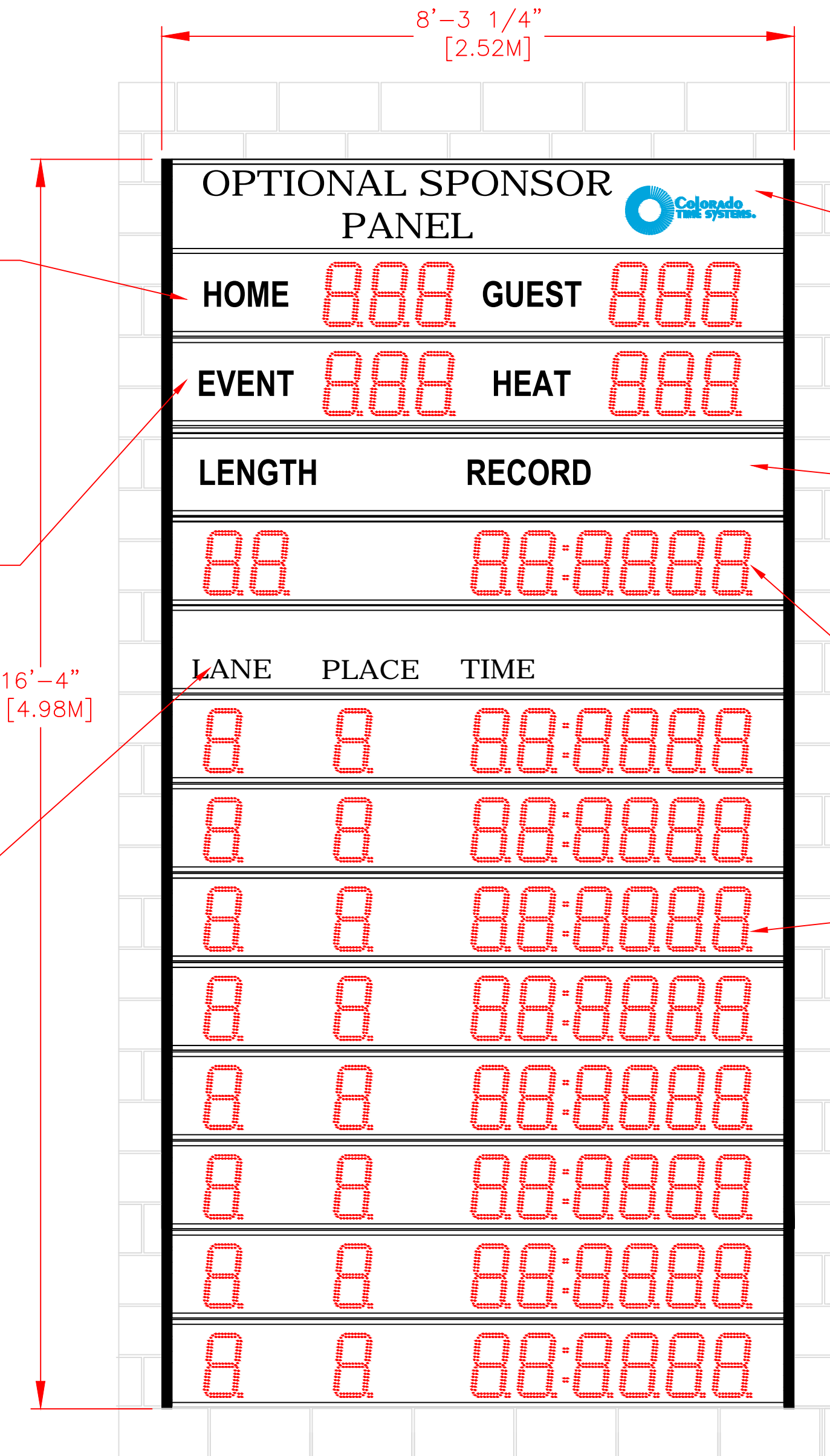
LANE PLACE TIME
SCOREBOARD DISPLAY
1 REQUIRED
P/N: SP-LED WITH LN/PL/TIME
(BY COLORADO TIME SYSTEMS)
WEIGHT 26lbs EACH

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

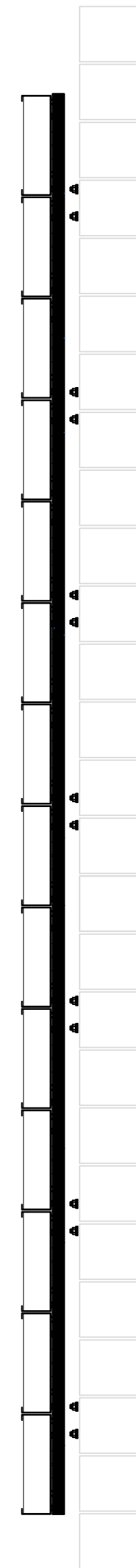
LENGTH/RECORD
SCOREBOARD DISPLAY
1 REQUIRED
P/N: SP-LED WITH L/R
(BY COLORADO TIME SYSTEMS)
WEIGHT 26lbs EA

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

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

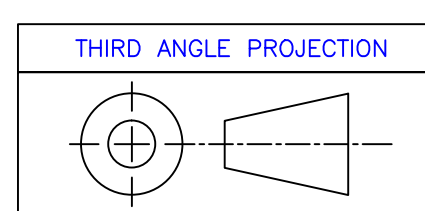


FRONT VIEW



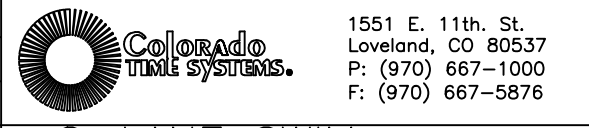
SIDE VIEW

- NOTES:
- TOTAL WEIGHT - 518 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



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.
.X ± N/A .XX ± N/A .XXX ± N/A	.X ± .XX ±	
ANGLES ± 1°	DO NOT SCALE THIS DRAWING	
MATERIAL SEE BILL OF MATERIAL	TRADE SECRET	
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REV	DESCRIPTION	ECO/PCO #	DATE	APPROVED
A	INITIAL RELEASE		8/8/12	ERS



TITLE 8-LANE SWIM
HG/EH/LR

SIZE	DRAWING NUMBER	REV
1/2"=1'	D 08-1-1-14-006	A
SCALE	SHEET 1 OF 3	

8

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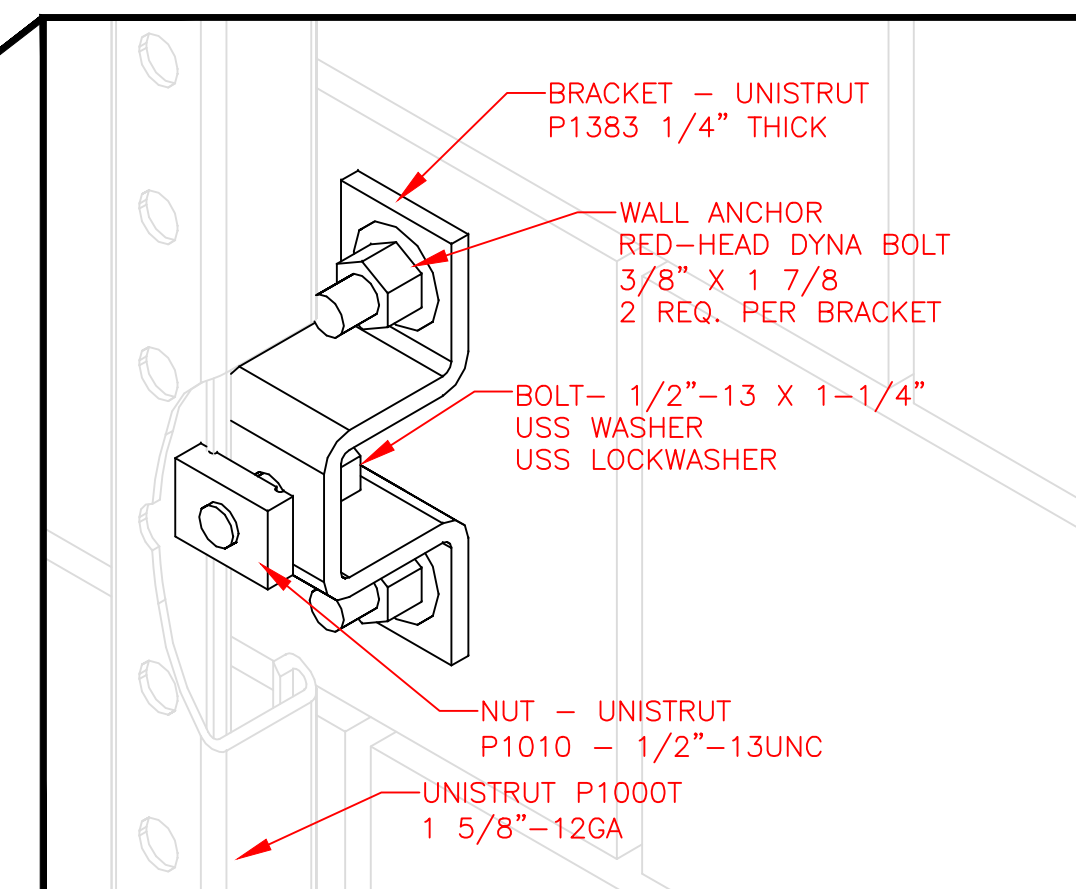
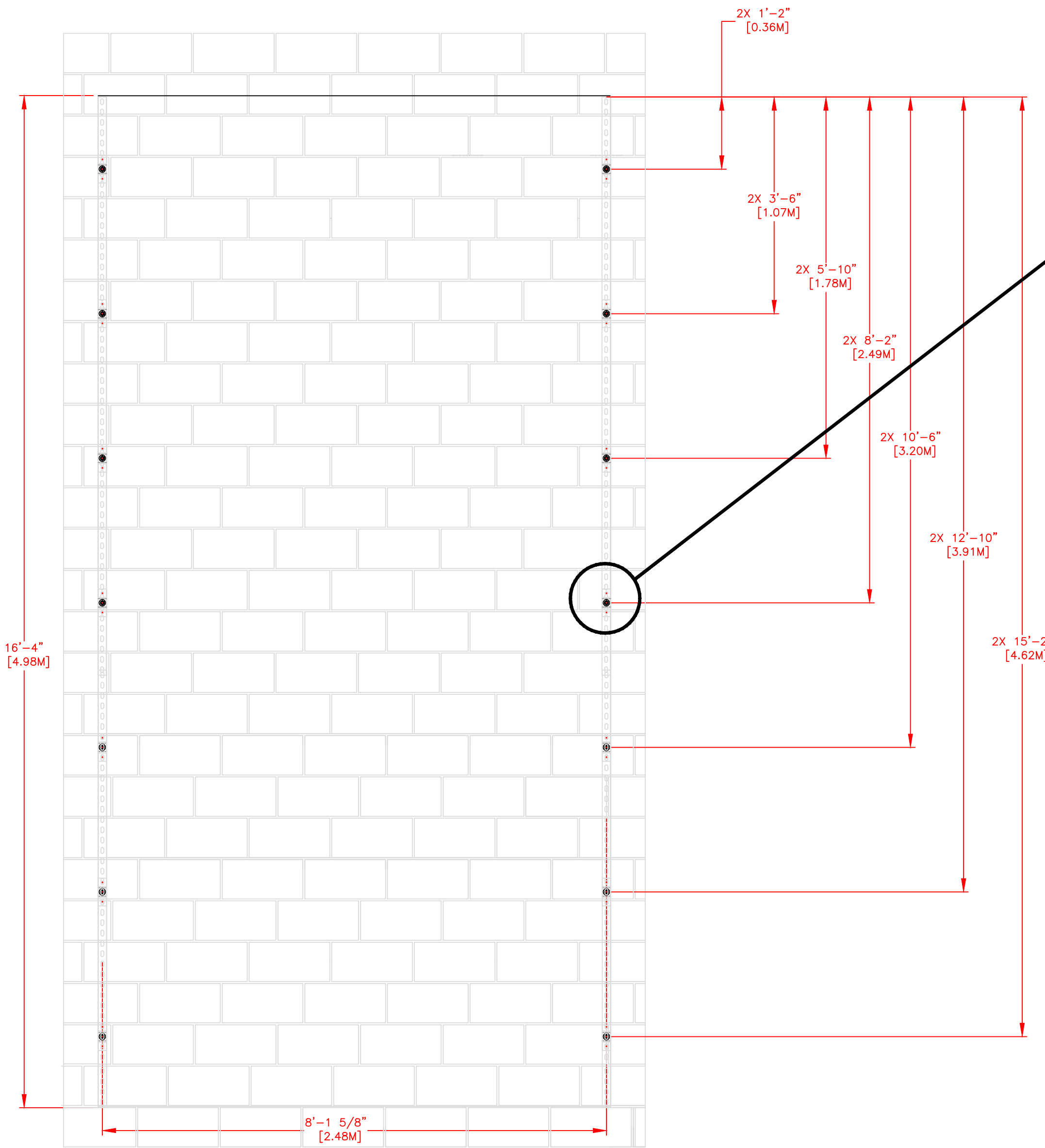
3

2

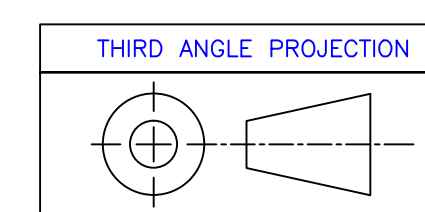
1

8 7 6 5 4 3 2 1

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



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



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

DRAWN BY		DATE
C. CARR		8/8/12

TOLERANCES EXCEPT AS NOTED	
INCHES	MM
.X ± N/A	.X ±
.XX ± N/A	.XX ±
.XXX ± N/A	.XX ±

MATERIAL	
SEE BILL OF MATERIAL	

REVISIONS	
DO NOT SCALE THIS DRAWING	
TRADE SECRET	
SCALE	3/4"=1'

TITLE	
8 LANE SWIM STRUCTURAL DETAILS	

SIZE	DRAWING NUMBER	REV
D	08-1-14-006	A

SHEET	
2	OF 3

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

NOTES:

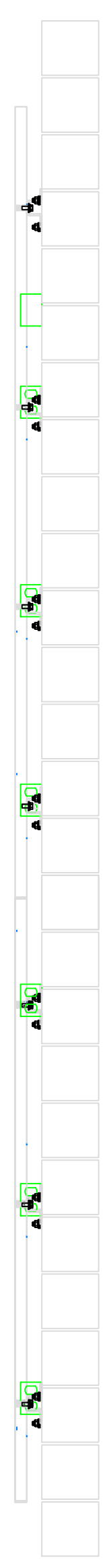
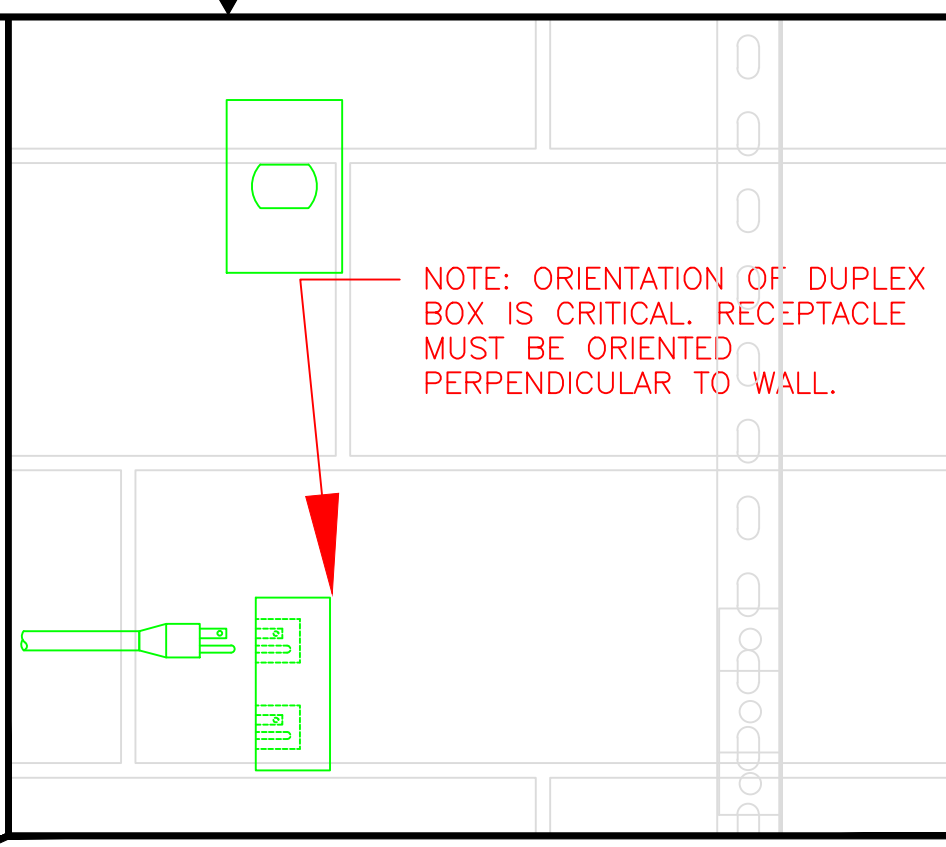
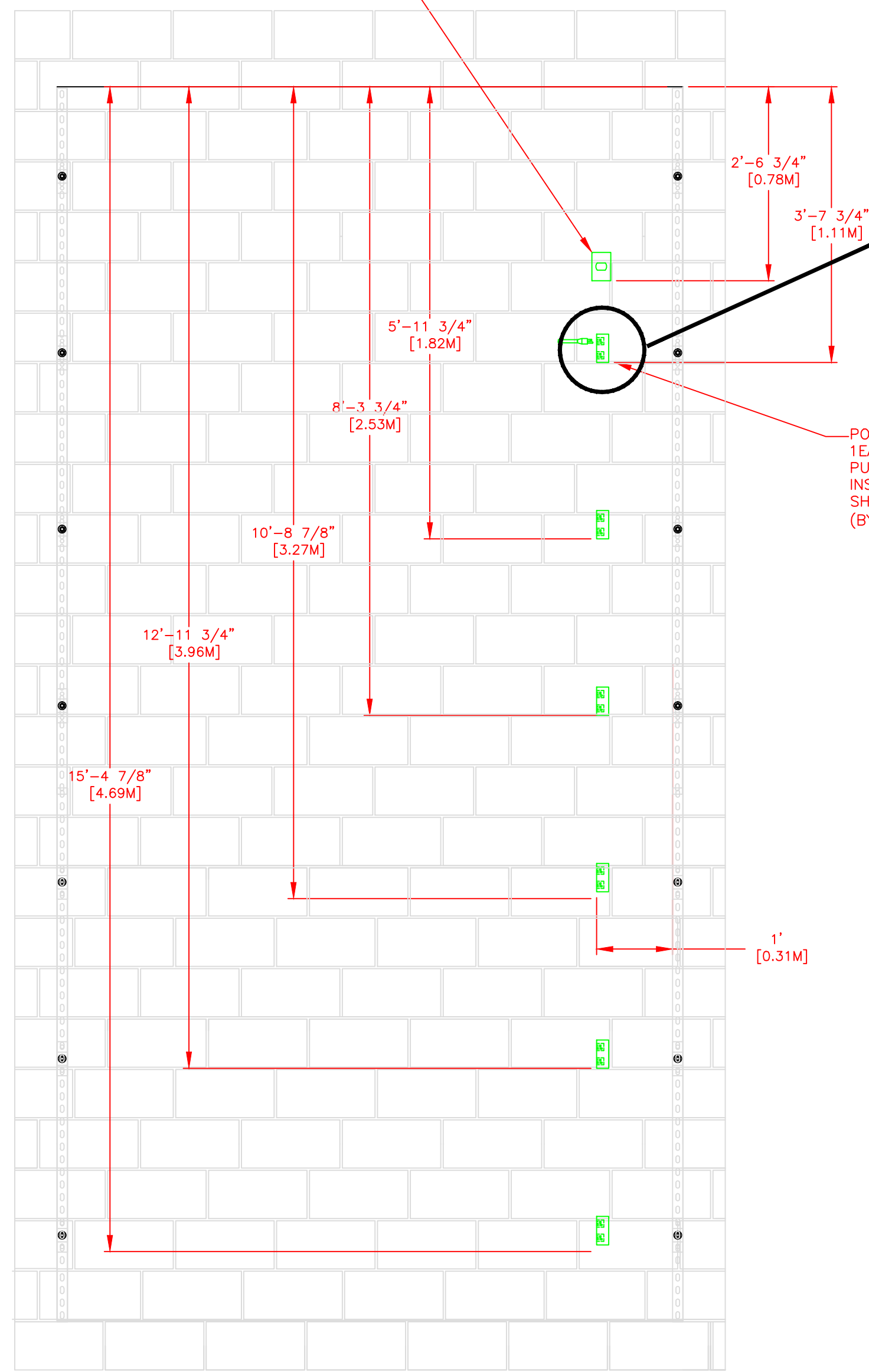
1. EACH DUPLEX RECEPTACLE IS 125V, USE LEVITON #5352 OR EQUIVALENT.
2. RECEPTACLES MUST BE IN PLACE BEFORE CTS INSTALLATION.
3. POWER REQUIREMENTS: 120V, 1AMP PER SCOREBOARD MODULE MAXIMUM OF 16 MODULES PER 20A CIRCUIT.
4. SINGLE GANG WALL BOX WITH BLANK PLATE FOR DATA CABLE. ONE REQUIRED PER DISPLAY.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

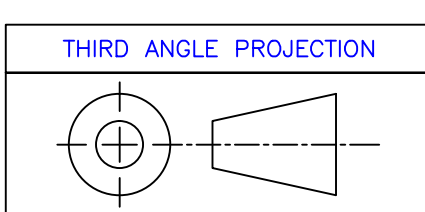
NOTE: ORIENTATION OF DUPLEX
BOX IS CRITICAL. RECEPTACLE
MUST BE ORIENTED
PERPENDICULAR TO WALL.

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



PLAN VIEW

SIDE VIEW



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

REVISIONS	
ECO/PCO #	DATE

ALL DIMS IN INCHES UNLESS OTHERWISE NOTED	DRAWN BY	DATE
INCH [MM] 1 INCH = 25.4MM	C. CARR	8/8/12
TOLERANCES EXCEPT AS NOTED	ENG. APPROVAL	
	PROJECT ENG.	
INCHES	MM	
.X ± N/A	.X ±	
.XX ± N/A	.XX ±	
.XXX ± N/A		
ANGLES ± 1°		
MATERIAL	SEE BILL OF MATERIAL	
FINISH		

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

Colorado TIME SYSTEMS

TITLE 8 LANE SWIM
ELECTRICAL DETAILS

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SCALE 3/4"=1'

D 108-1-1-14-006 A

SHEET 3 OF 3

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8 7 6 5 4 3 2 1