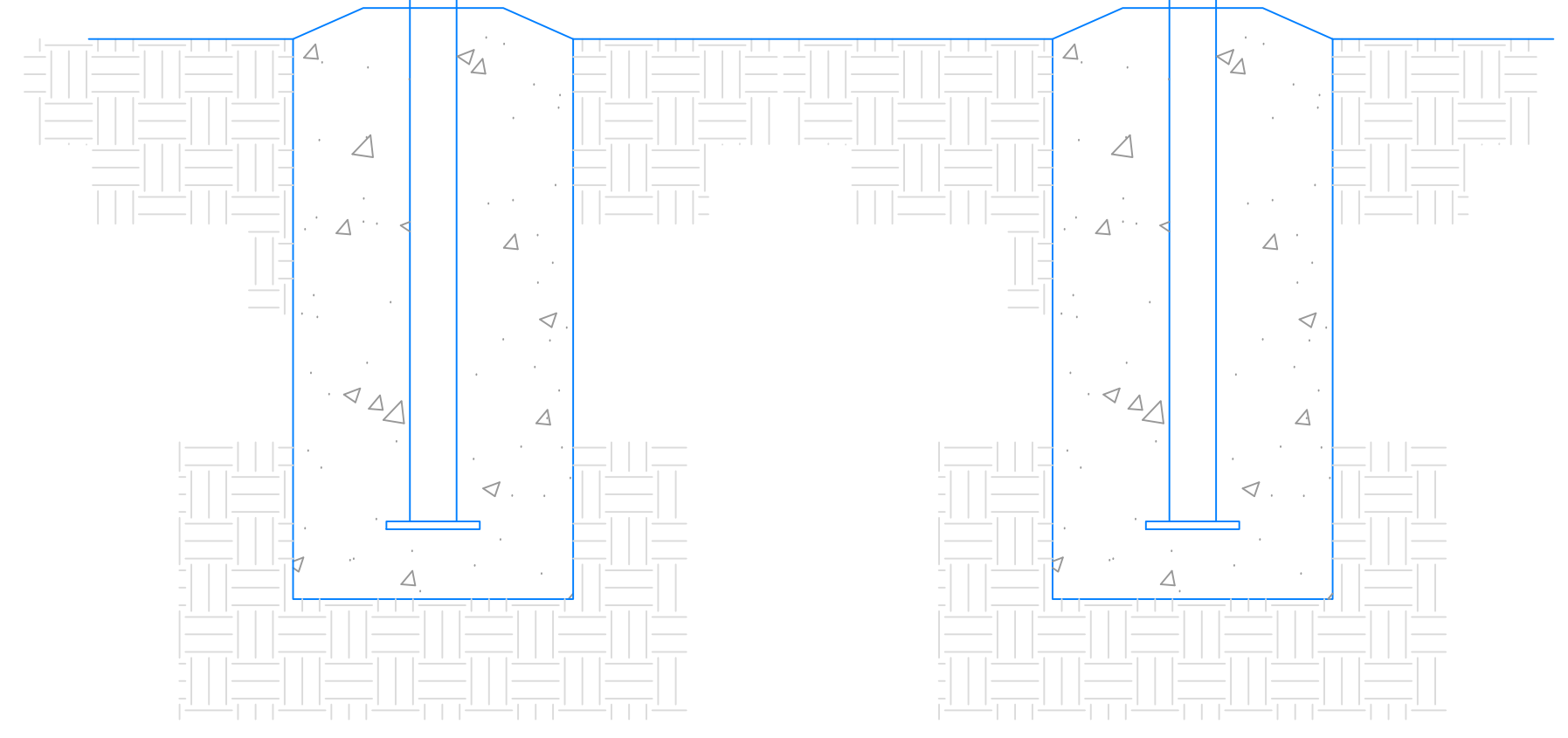
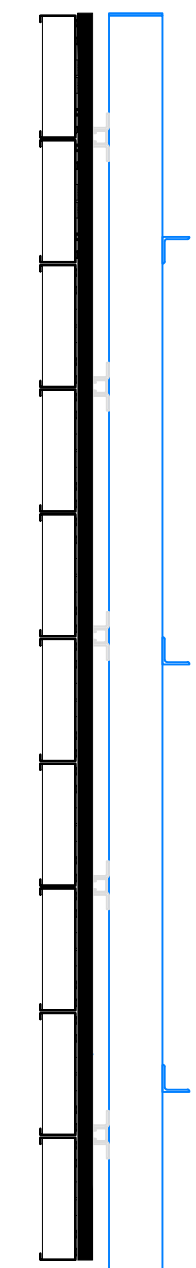
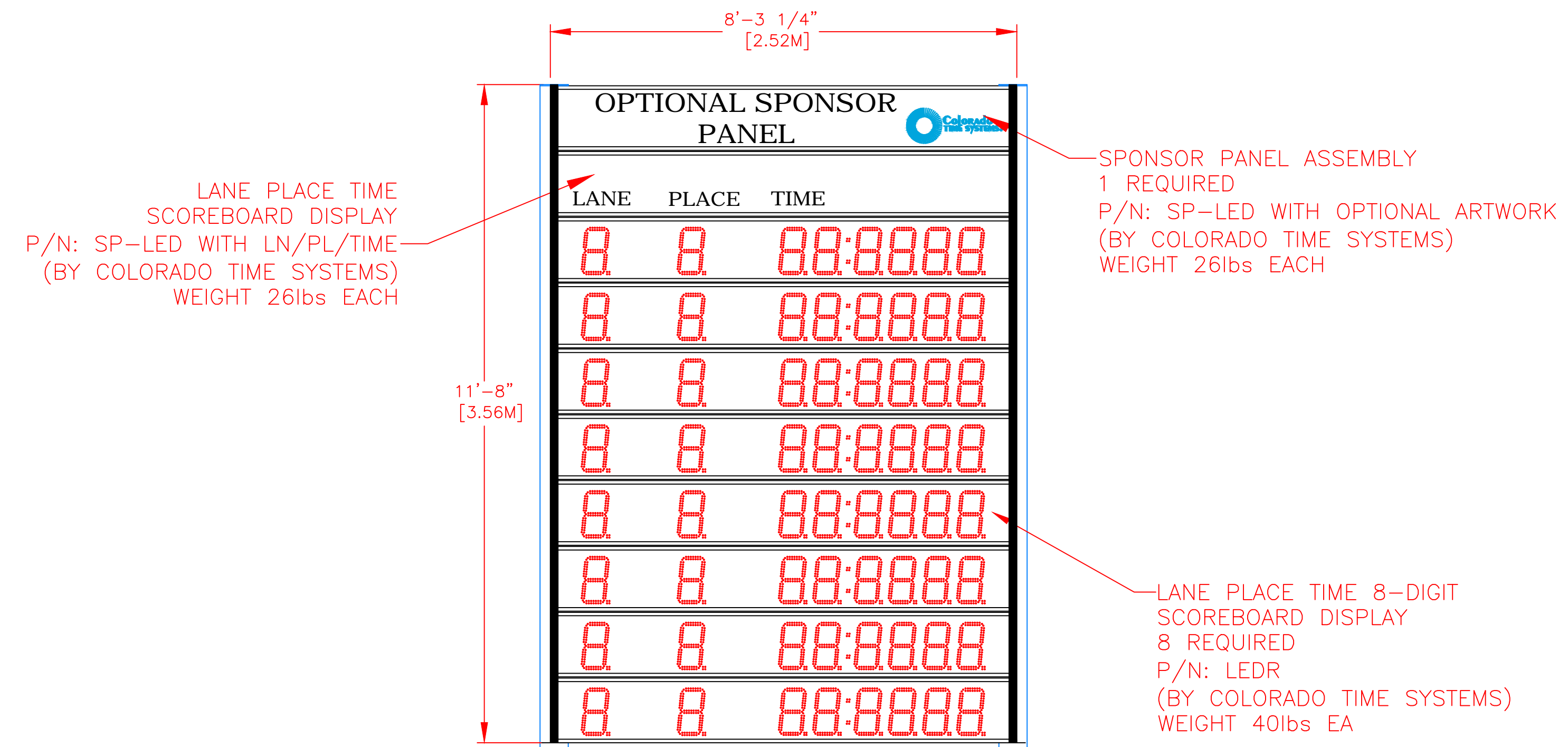
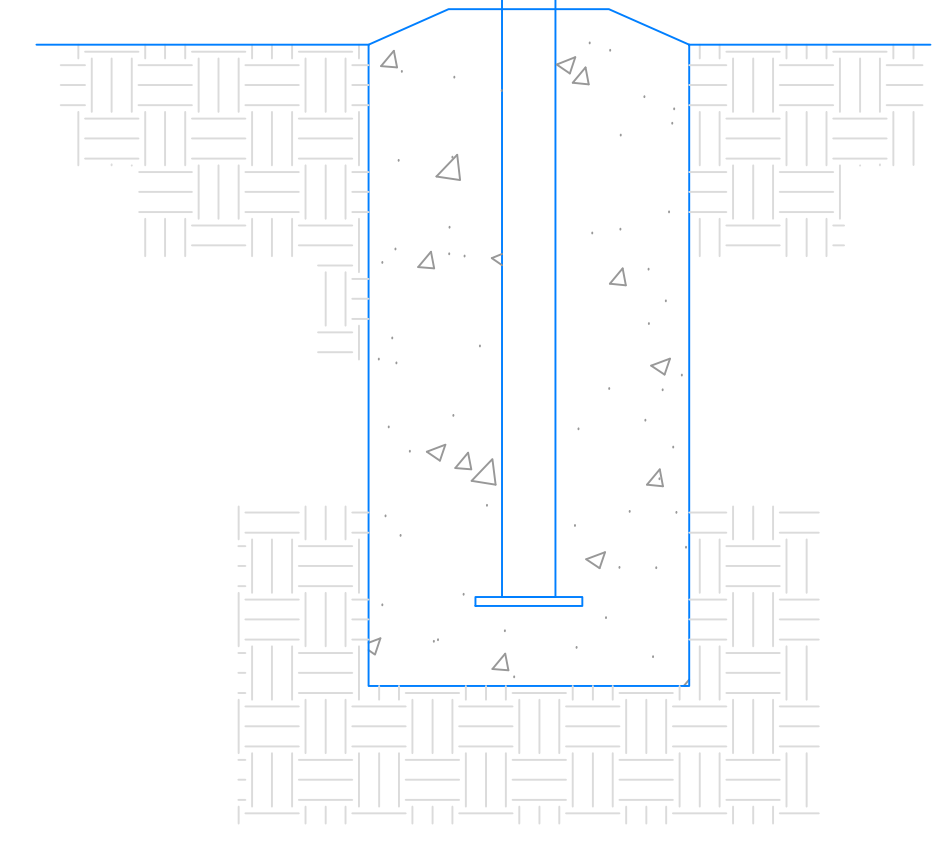


8 7 6 5 4 3 2 1

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



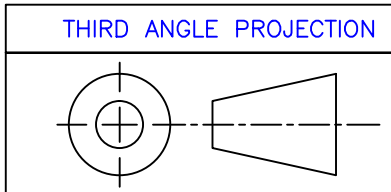
FRONT VIEW



SIDE VIEW

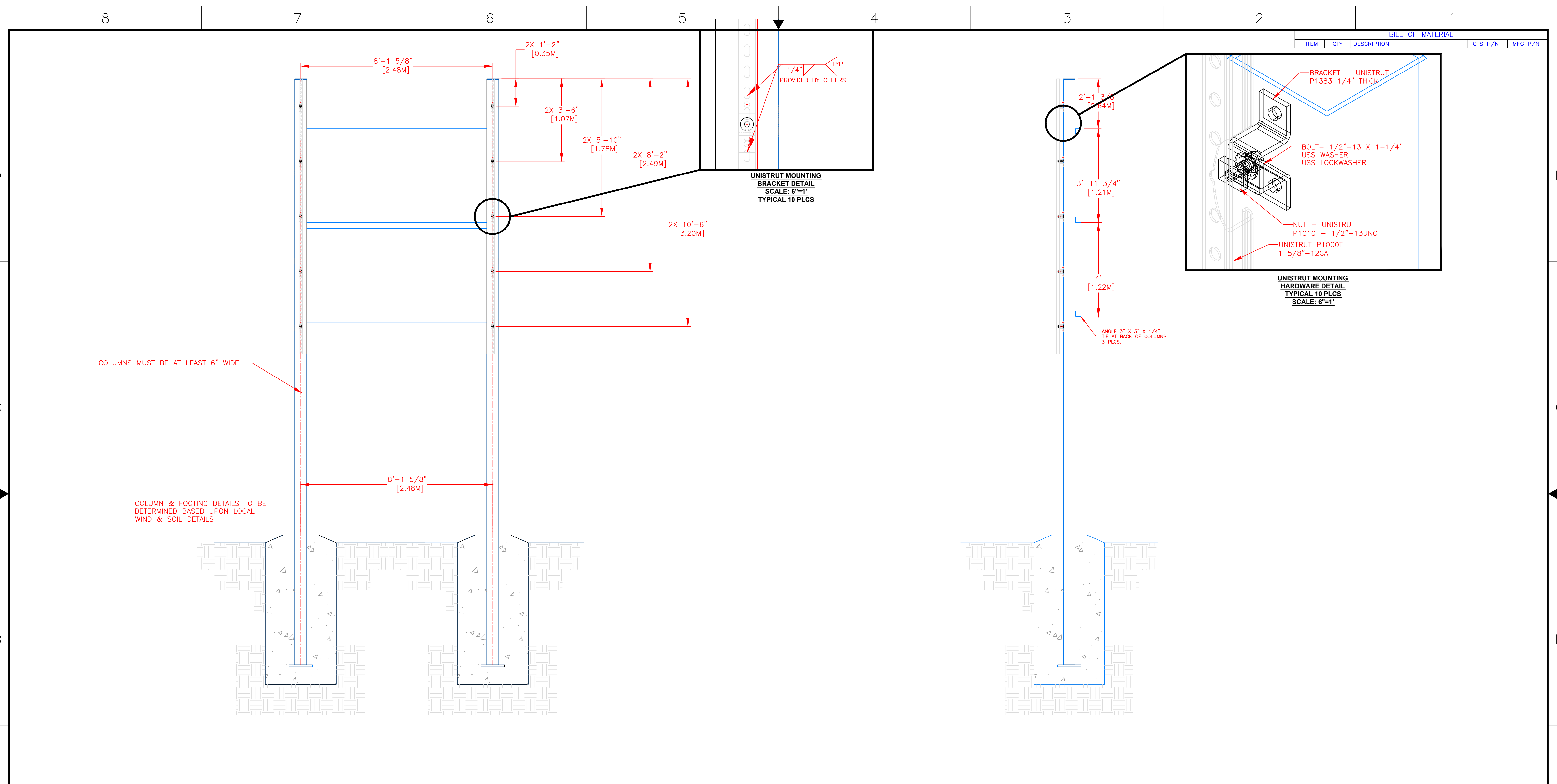
- NOTES:
- TOTAL WEIGHT - 372 LBS - INCLUDES DISPLAY PORTION ONLY
 - DIMENSIONS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE DUE TO DETAILED DESIGN CONSIDERATIONS
 - THIS DRAWING FOR DESIGN ONLY - PLEASE CONSULT CTS PRIOR TO ANY FABRICATION/INSTALLATION
 - ONLY APPROVED SHOP DRAWINGS SHOULD BE USED FOR 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

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

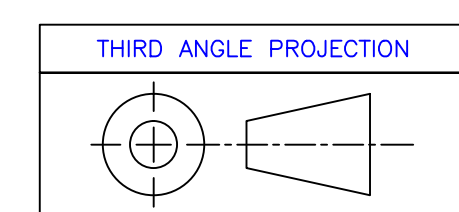


A INITIAL RELEASE		8/9/12	ERS
REV	DESCRIPTION	ECO/PCO #	DATE APPROVED
REVISIONS			
DRAWN BY C. CARR		DATE 8/9/12	
ENG. APPROVAL			
PROJECT ENG.			
DO NOT SCALE THIS DRAWING			
TRADE SECRET			
MATERIAL SEE BILL OF MATERIAL		FINISH	
ANGLES ± 1°			
TOLERANCES EXCEPT AS NOTED			
INCHES ± N/A		MM ±	
.X ± N/A		.X ±	
.XX ± N/A		.XX ±	
.XXX ± N/A		.XXX ±	
ALL DIMS IN INCHES UNLESS OTHERWISE NOTED		INCH [MM] 1 INCH = 25.4MM	
1551 E. 11th. St. Loveland, CO 80537 P: (970) 667-1000 F: (970) 667-5876			
TITLE 8 LANE SWIM 2-POLE SCBD LAYOUT		DRAWING NUMBER	
D 108-1-2-10-002		A	
SCALE 1/2"=1'		SHEET 1 OF 3	

8 7 6 5 4 3 2 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 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



INCHES	MM
.X ± N/A	.X ±
.XX ± N/A	.XX ±
.XXX ± N/A	.XX ±
ANGLES ± 1°	
MATERIAL SEE BILL OF MATERIAL	
FINISH	

REV	DESCRIPTION	ECO/PCO #	DATE	ERS APPROVED
A	INITIAL RELEASE		8/9/12	ERS

REVISIONS

DO NOT SCALE THIS DRAWING

TRADE SECRET

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

TITLE 8 LANE SWIM 2-POLE STRUCTURAL DETAILS

SCALE 1/2"=1'

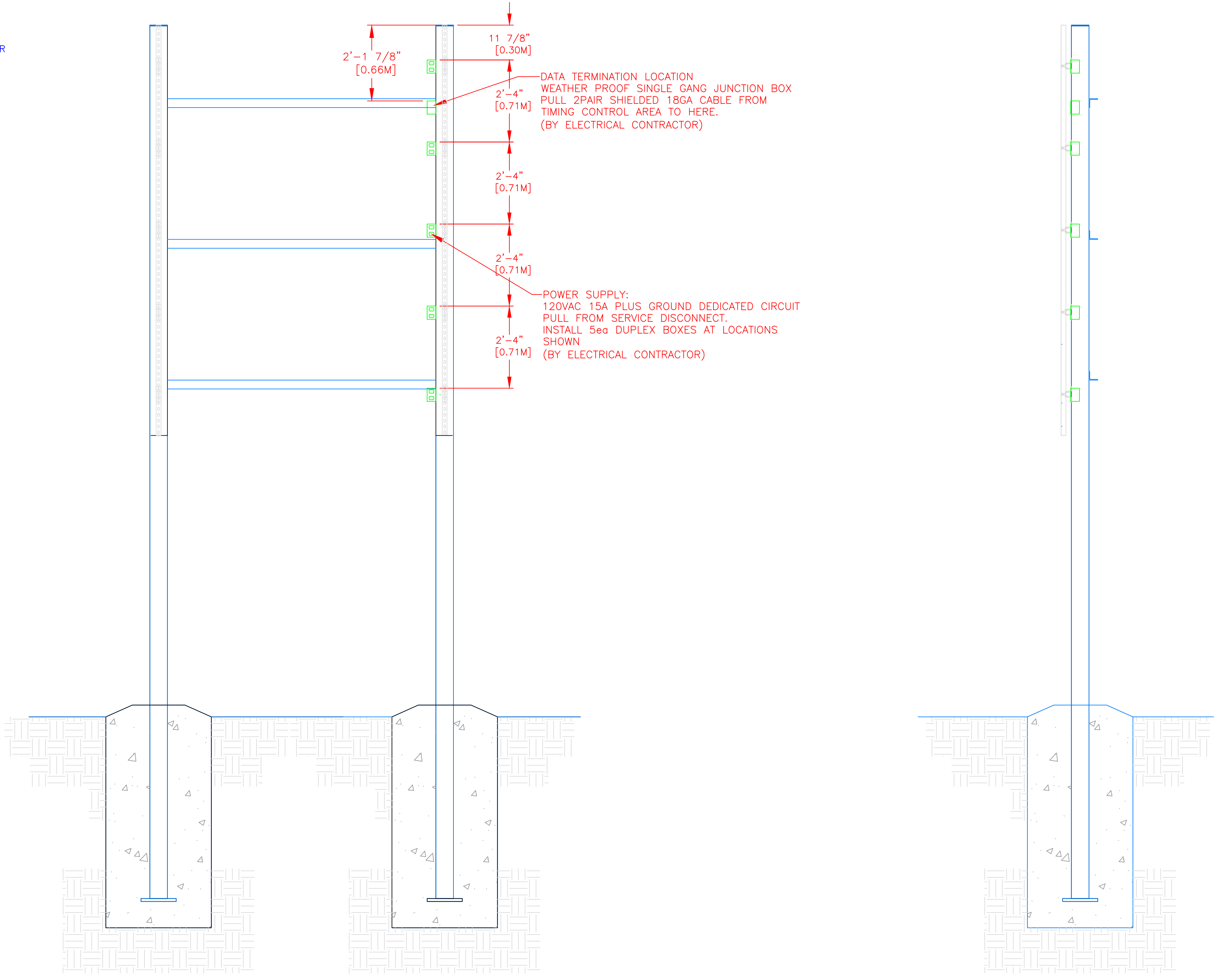
D 108-1-2-10-002 A

1/2"=1' SHEET 2 OF 3

- NOTES:
1. EACH DUPLEX RECEPTACLE IS 120V, USE LEVITON #5352 OR EQUIVALENT.
 2. RECEPTACLES MUST BE IN PLACE BEFORE CTS INSTALLATION.
 3. POWER REQUIREMENTS: 120V, 15AMP PER SCOREBOARD MODULE MAXIMUM OF 16 MODULES PER 10A CIRCUIT.
 4. SINGLE GANG WALL BOX WITH BLANK PLATE FOR DATA CABLE. ONE REQUIRED PER DISPLAY.
 5. CONTROL CIRCUIT SHALL BE 120V 15A. NATIONAL ELECTRICAL CODE REQUIRES A MEANS OF DISCONNECT AT THE LOCATION OF THE SIGN. SCOREBOARD SHALL BE WIRED IN ACCORDANCE WITH NATIONAL ELECTRICAL 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



11 7/8" [0.30M]

2'-1 7/8" [0.66M]

2'-4" [0.71M]

2'-4" [0.71M]

2'-4" [0.71M]

2'-4" [0.71M]

2'-4" [0.71M]

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:
120VAC 15A PLUS GROUND DEDICATED CIRCUIT
PULL FROM SERVICE DISCONNECT.
INSTALL 5ea DUPLEX BOXES AT LOCATIONS
SHOWN
(BY ELECTRICAL CONTRACTOR)

PLAN VIEW

SIDE VIEW

REV	DESCRIPTION	ECO/PCO #	DATE	ERS APPROVED
A	INITIAL RELEASE		8/9/12	ERS

<p>ALL DIMS IN INCHES UNLESS OTHERWISE NOTED</p> <p>INCH [MM] 1 INCH = 25.4MM</p> <p>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>THIRD ANGLE PROJECTION</p>	<p>DRAWN BY C. CARR</p> <p>DATE 8/9/12</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 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</p>	<p>ColoTime Systems, Inc. 1551 E. 11th. St. Loveland, CO 80537 P: (970) 667-1000 F: (970) 667-5876</p> <p>TITLE 8 LANE SWIM 2-POLE ELECTRICAL DETAILS</p> <p>SIZE D108-1-2-10-002</p> <p>SCALE 1/2"=1'</p>	<p>1551 E. 11th. St. Loveland, CO 80537 P: (970) 667-1000 F: (970) 667-5876</p> <p>TITLE 8 LANE SWIM 2-POLE ELECTRICAL DETAILS</p> <p>SIZE D108-1-2-10-002</p> <p>SCALE 1/2"=1'</p>
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