ONLY PRESENT IN MODELS
WITH 24" & 30" WHITE DIGITS

NUMBER OF DRIVERS IS DIFFERENT FOR EACH MODEL.
LAST DRIVER ROUTES PWR/SIG HARNESS TO TNMC/BACKLIT.

A#
SEE BOM
16 COL SECONDARY DRIVER

PWR/SIG HARNESS

J43 P43 — SIGNAL IN: CL+, CL-
J42 P42 — PWR/SIG OUT: CL+, CL-, LINE, GND, NEUT
PWR IN: LINE, NEUT, GND

PWR/SIG Y HARNESS
ONLY PRESENT IN
MODELS WITH 36"
WHITE DIGITS OR 48"
DIGITS

J42A P42 — PWR/SIG HARNESS
J42B P42

A1
SEE BOM
16 COL PRIMARY DRIVER

TB1 SIGNAL OUT
TB2 *SIGNAL IN
SIGNAL SURGE CARD
DIGIT JACKS J1-J16

TB41
1 LINE
2 NEUT
1 GND
PWR IN

TB45
ADDR J19
P19

* IF FIBER, USE J2 ON FIBER
CARD FOR SIGNAL IN

DRIVER TO POWER SUPPLY
GROUND HARNESS

DIGIT "X"
DRVR, A, B, C, D, E, F, G, H, PWR
8 SEG BREAKOUT
BOARD ON DIGIT.
SEE PACKET FOR
DETAILS.

ONLY PRESENT IN MODELS
WITH 48" DIGITS OR 36" WHITE

300W, 600W, OR 900W PS / ASSY
SEE PACKET FOR DETAILS

PWR HARNESS

J18 P18 — WHT, BLK, GRN
J1 P1 — TO DIGIT #1 TYPICAL
J2 P2 — TO DIGIT #2 TYPICAL
J3 P3 — TO DIGIT #3 TYPICAL
J4 P4 — TO DIGIT #4 TYPICAL
J16 P16

PWR/SIG HARNESS

TNMC
SEE DETAIL A
OR
BACKLIT
SEE DETAIL B
OPTIONAL
MOD 4: J2

SOME SCBD
MODELS HAS
A RIBBON
FROM FIRST
ELECT. CAPT.
TO SECOND
ONE. SEE
ASSY.

MOD 1: J1
TNMC
SEE DETAIL A
OR
BACKLIT
SEE DETAIL B
OPTIONAL

PWR/SIG HARNESS

DETAIL A, TNMC / BACKLIT

CONTROLLER
SEE BOM
(TNMC AND MASTER
ELEC CAPTION ONLY)
PWR/SIG IN: P43 — CL+, CL-, LINE, GND, NEUT
PWR/SIG OUT: J42 — CL+, CL-, LINE, GND, NEUT
TNMC/CAPTION
MASTER
MCAST
ADD- SEE PWR/ADDRESS DWG

BACKLIT
CAPTION
PWR/SIG IN: P43 — CL+, CL-, LINE, GND, NEUT
PWR/SIG OUT: J42 — CL+, CL-, LINE, GND, NEUT

NOTES:

-SEE COMPONENT LOCATION DWG OR HARNESS STAGE DWG FOR ACTUAL LOCATION OF COMPONENTS
-SEE DWG LISTED IN THE ASSEMBLY FOR ADDRESS/PWR SPECS
-SEE HARNESS STAGE DWG FOR PWR/SIG HARNESS LENGTH & PART NUMBERS
-TNMC AND CAPTIONS OPTIONAL
-RIBBON CABLE ONLY FOR ELEC CAPTIONS

REV	DATE:		BY:
01	11 NOV 19	CN87647 UPDATED POWER IN TO HAVE TB42 A TWO POS ADDED TB45 FOR THE GROUND.	JSF

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THIRD ANGLE PROJECTION

PROJECT:	OUTDOOR LED SCOREBOARDS		
TITLE:	SCHEMATIC;1 SEC, 1/2/3/4/5 DRVR, R/A/W		
DATE:	17 MAR 16	DIM UNITS: INCHES [MILLIMETERS]	SHEET / REV
SCALE:	NTS	DO NOT SCALE DRAWING	01
DESIGN:	CTIESZEN	JOB NO. P1647 / FUNC - TYPE - SIZE R - 01 - B	3312544
DRAWN:	CLT		