

| BILL OF MATERIALS | | | | |
|-------------------|-----|-------|------------|--------------------------------------|
| ITEM | QTY | UNITS | NAME | DESCRIPTION |
| 1 | 2 | ea | CABLEGRIP3 | SINGLE EYE LACE MESH 0.63"-0.74" |
| 2 | 1 | ea | JBS | UNIVERSAL MOUNTED JUNCTION BOX |
| 3 | 1 | ea | LC-STAR | STAR LIGHTING CONTROLLER |
| ~ | 4 | 0 | LCABLE-1 | POWER & DATA CABLE (TWR HT. + 95') |
| 5 | 3 | ea | LONESTAR | L864/L865 DUAL LED BEACON |
| ~ | 6 | 0 | STCABLTI | STROBE CABLE TIES (TWR HT. + 5 + 20) |

~ = ITEMS QUANTITY CALCULATED ACCORDING TO STRUCTURE HEIGHT.

NOTES:

- 1) THIS DRAWING IS PROVIDED AS A GENERAL REFERENCE. TWR LIGHTING, INC. DOCUMENTATION SUPERSEDES THIS DRAWING & SHOULD BE REVIEWED PRIOR TO INSTALLATION OF THIS SYSTEM.
- 2) CABLEGRIP3 IS USED TO SUPPORT CABLE BEFORE CORD CONNECTOR AND SERVICE LOOP, THE SINGLE EYE LOOP SHOULD BE ATTACHED TO STRUCTURE SECURELY.
- 3) IF MOUNT IS NEEDED FOR BEACON USE PART #BMSIDE-1.
- 4) IT IS RECOMMENDED TO INSTALL A SERVICE LOOP PRIOR TO EVERY JUNCTION BOX AND CONTROLLER CONNECTION.
- 5) LIGHTING CABLES ARE TO BE SUPPORTED OVER TOWER FLANGES TO ENSURE THAT THEY DO NOT RUB OR BREAK OPEN.
- 6) USE P/N HC6-10 TO SECURE JUNCTION BOX TO STRUCTURE. REFER TO DRAWING 101180 FOR MORE DETAIL.
- 7) BARE SHIELD WIRES NEED TO BE TERMINATED IN CONTROLLER AND JUNCTION BOXES.
- 8) BARE SHIELD WIRES NEED TO BE CUT FLUSH WITH CABLE PVC OUTER JACKET IN EACH BEACON (NOT TERMINATED).

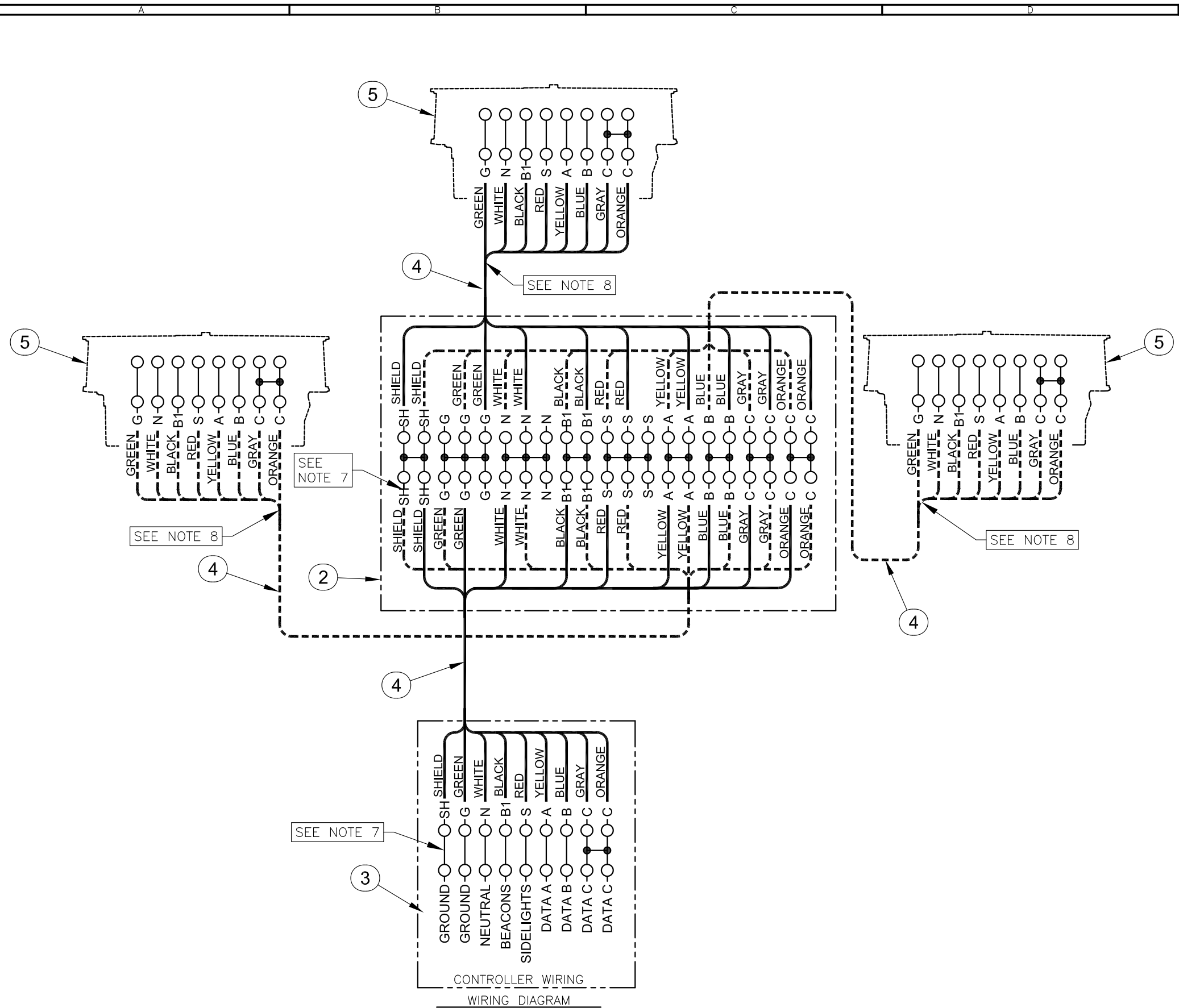
POWER CONSUMPTION

- ✓ 12hrs day - 4.0/LC-STAR + 96.0/L865 (100 x 12= 1.20KWh)
- ✓ 12hrs night - 4.0/LC-STAR + 39.0/L864 (43 x 12= 0.516KWh)
- ✓ "24hrs = 1.716 KWh"

| | | | |
|---|-------------|----------|--------|
| LE23-0A DUAL LED LIGHTING KIT (TOWERS 350'/107M TO 700'/213M) | | | |
| APPROVED BY | | | |
| APPROVED BY | | | |
| APPROVED BY | | | |
| DRAWN BY | J. ZAMORANO | SIZE | B |
| | | SHEET | 1 OF 2 |
| DATE | 06/24/2020 | SCALE | N.T.S. |
| | | DWG. NO. | LK-401 |

| | | | |
|------------|------|---|---------------------|
| 08/25/2022 | A | N | JUNCTION BOX UPDATE |
| DATE: | REV. | | DESCRIPTION |

The use of non-TWR parts or modifications to original equipment design will void the manufacturer warranty and could invalidate the assurance of complying with FAA requirements as published in Advisory Circular 150/5345-43.
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