

THIS DRAWING SIZE IS 24" X 36" WHEN PLOTTED FULL SIZE. THIS LINE WILL PLOT AS 1/4" INCH.

GENERAL CABLE SCHEDULE table with columns: CABLE NUMBER, CABLE TYPE, ANIXTER PART NO., COLOR CODE, ORIGIN, CABLE DESTINATION, FUNCTION. Includes rows for AC panels, bus breakers, and various communication lines.

T1 CABLE SCHEDULE table with columns: CABLE NUMBER, CABLE TYPE, ANIXTER PART NO., COLOR CODE, ORIGIN, DESTINATION, FUNCTION. Lists cables for transformer T1, various panels, and bus breakers.

T2 CABLE SCHEDULE table with columns: CABLE NUMBER, CABLE TYPE, ANIXTER PART NO., COLOR CODE, ORIGIN, DESTINATION, FUNCTION. Lists cables for transformer T2, various panels, and bus breakers.

CABLE NOTES

- CABLE SERIES DESCRIPTION: 1000 HIGH-SIDE SWITCHES, 1100 HIGH-SIDE PROTECTIVE DEVICE, 1200 POWER TRANSFORMER, 1300 POWER BUS BREAKER, 1400 POWER TIE BREAKER, 1500 LOW-SIDE FEEDER PROTECTIVE DEVICE, 1600 METERING, 1700 POWER SUPPLY, 1800 SCADA/COMMUNICATION, 0900 LIGHTING / RECEPTACLES / MISC.

NUMBERING NOTES

- A PREFIX OF "0" INDICATES A GENERAL OR COMMON CABLE. A PREFIX OF "1" INDICATES TRANSFORMER BANK 1. A PREFIX OF "2" INDICATES TRANSFORMER BANK 2, ETC.

CABLE NOTES

- FUNCTION CABLE COLOR CODE: AC POWER 4/C #10 METHOD 1, E-1; DC POWER 2/C #10 METHOD 1, E-2; AC/DC POWER 3/C #8 & LARGER METHOD 4; CTS & VTS 4/C #10 METHOD 1, E-2; CONTROL & INDICATION 12/C #10 METHOD 1, E-2.

NOTES

- 1. CABLING DESCRIPTIONS LISTED ABOVE ARE TYPICAL. CONTRACTOR SHALL FURNISH PER THE CABLE SCHEDULE. 2. ICEA METHOD 1 UTILIZES COLORED COMPOUNDS WITH TRACERS. 3. E-1 COLOR SEQUENCE INCLUDES BLACK, WHITE, RED, GREEN, ORANGE, BLUE, THEN REPEATS WITH TRACERS. 4. E-2 COLOR SEQUENCE INCLUDES BLACK, RED, BLUE, ORANGE, YELLOW, BROWN, THEN REPEATS WITH TRACERS. 5. ICEA METHOD 4 UTILIZES NEUTRAL OR SINGLE-COLOR COMPOUNDS WITH SURFACE PRINTING OF NUMBERS. 6. USE OF METHOD 4 FOR AC/DC POWER EXCEPTIONS IS IN KEEPING WITH INDUSTRY STANDARD. 7. PHASES A, B, C, N ARE BLACK, RED, BLUE, ORANGE, RESPECTIVELY. 8. AC POWER CABLES SHALL BE 3/C WITH A GROUND FOR CONDUCTORS #8 & LARGER. 9. DC POWER CABLES ARE NOT AVAILABLE IN 2/C FOR CONDUCTORS #8 & LARGER AND SHALL BE 3/C WITH A GROUND. 10. SINGLE CONDUCTOR POWER CABLES MAY BE SUBSTITUTED IN LIEU OF FURNISHING 3/C CABLES. CONDUIT SIZES AND QUANTITIES MAY NEED TO BE ADJUSTED ACCORDINGLY. 11. SHADED CABLES ARE FUTURE AND ARE NOT TO BE PULLED AT THIS TIME.

Continuation of GENERAL CABLE SCHEDULE table, rows 9000-9099, including security cameras, outdoor station lights, and HVAC systems.

Continuation of T1 CABLE SCHEDULE table, rows 1700-1724, including safety switches, battery chargers, and station batteries.

Continuation of T2 CABLE SCHEDULE table, rows 2700-2725, including safety switches, transfer switches, and station batteries.

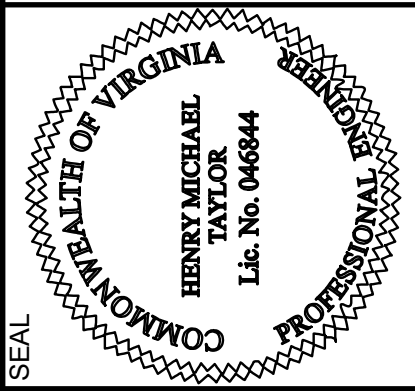


Table with columns: BY, SSS, DESCRIPTION, REV, DATE, ISSUED FOR BIDS. Includes entries for CLIENT PROJ., REF. No., PROJ. No., DATE, SCALE, DWN BY, CKD BY, APPVD BY.

ISSUED FOR BIDS. CITY OF DANVILLE, DANVILLE, VIRGINIA. SOUTHSSIDE 69/12.47KV SUBSTATION. CABLE SCHEDULE. DWG. NO. 145. COPYRIGHT 2021 BY UTILITYENGINEERING, LLC.