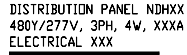
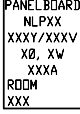


| GENERAL SCHEDULE                  |                                                                                                          |                                  |
|-----------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------|
| SHEET WHERE DRAWING IS REFERENCED |  DRAWING IDENTIFICATION | VIEW TITLE SYMBOL                |
|                                   |  DRAWING IDENTIFICATION | CALLOUT SYMBOL                   |
| SHEET WHERE DRAWING IS REFERENCED |  DRAWING IDENTIFICATION | SECTION SYMBOL                   |
|                                   |  DRAWING IDENTIFICATION | MATCHLINE VIEW REFERENCE         |
|                                   | ROOM NAME<br>           | ROOM NAME AND NUMBER DESIGNATION |
|                                   |                         | SHEET KEYNOTE                    |
|                                   | 1.                                                                                                       | SHEET NOTE                       |
|                                   |                         | NORTH ARROW                      |

| ONE-LINE SYMBOLS (600V AND BELOW)                                                   |                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------|
|    | SWITCHBOARD/DISTRIBUTION PANEL/MCC                |
|    | PANELBOARD                                        |
|    | CIRCUIT BREAKER                                   |
|    | FUSIBLE SWITCH                                    |
|    | NONFUSIBLE SWITCH                                 |
|   | TRANSFORMER                                       |
|  | TRANSFER SWITCH                                   |
|  | CURRENT TRANSFORMER                               |
|  | METER                                             |
|  | WYE GROUND CONNECTION                             |
|  | GENERATOR                                         |
|  | MOTOR CONNECTION                                  |
|  | VARIABLE FREQUENCY CONTROLLER W/DISCONNECT        |
|  | COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT |
|  | GROUND CONNECTION                                 |

| LIGHTING SYMBOLS                                                                    |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | SURFACE LUMINAIRE, 1'x4' |
|  | PENDANT LUMINAIRE        |
|  | WALL MOUNTED LUMINAIRE   |
|  | POLE MOUNTED LUMINAIRE   |
|  | POLE MOUNTED LUMINAIRE   |

| WIRING AND LIGHTING CONTROL DEVICE SYMBOLS                                          |                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | DUPLEX RECEPTACLE                                         |
|  | GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) DUPLEX RECEPTACLE |
|  | JUNCTION/PULL BOX                                         |
|  | LINE VOLTAGE THERMOSTAT                                   |
|  | EQUIPMENT CONNECTION                                      |
|  | MOTOR-STARTING SWITCH, WITHOUT OVERLOAD PROTECTION        |
|  | PILOT LIGHT SWITCH; ILLUMINATED WHEN SWITCH IS ON         |

## GENERAL NOTES

1. COMPLY WITH NFPA 70, NATIONAL ELECTRICAL CODE, 2020 EDITION, AND NECA 1, STANDARD FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION. WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL STATE, FEDERAL, AND OSHA SAFETY REQUIREMENTS.
2. THE DRAWING PLANS ILLUSTRATE THE GENERAL LOCATIONS OF THE ELECTRICAL FEATURES, UNLESS OTHERWISE INDICATED. MAKE MINOR LOCATION ADJUSTMENTS AS REQUIRED FOR PROJECT CONDITIONS WHEN NECESSARY TO PRESENT SYMMETRICAL APPEARANCES OR TO AVOID INTERFERENCE WITH OTHER INSTALLATIONS.
3. COORDINATE START-UP, TESTING, AND ENERGIZING OF ALL ELECTRICALLY POWERED EQUIPMENT WITH THE PROJECT MANAGER.

## ABBREVIATIONS

|      |                                             |
|------|---------------------------------------------|
| #    | NUMBER                                      |
| A    | AMPERES                                     |
| AC   | ALTERNATING CURRENT                         |
| AF   | AMP FRAME                                   |
| AFF  | ABOVE FINISHED FLOOR                        |
| AFG  | ABOVE FINISH GRADE                          |
| AIC  | AMPS INTERRUPTING CAPACITY                  |
| AL   | ALUMINUM                                    |
| AMP  | AMPERES                                     |
| APPX | APPROXIMATE                                 |
| AT   | AMP TRIP                                    |
| ATS  | AUTOMATIC TRANSFER SWITCH                   |
| AUX  | AUXILIARY                                   |
| BCU  | BARE COPPER WIRE                            |
| BFG  | BELOW FINISHED GRADE                        |
| BLDG | BUILDING                                    |
| BPB  | BRANCH-CIRCUIT PANELBOARD, CB BRANCHES      |
| C    | CONDUIT                                     |
| C/L  | CENTERLINE                                  |
| CAM  | CAMERA                                      |
| CAT  | CATEGORY                                    |
| CB   | CIRCUIT BREAKER                             |
| CCTV | CLOSED CIRCUIT TELEVISION                   |
| CI   | CHLORINE                                    |
| CIRC | CIRCULATING                                 |
| CKT  | CIRCUIT                                     |
| CL   | CLASS                                       |
| CLG  | CEILING                                     |
| CNDR | CONDUCTOR                                   |
| COL  | COLUMN                                      |
| CT   | CURRENT TRANSFORMER                         |
| CTC  | CORDOVA TELECOM COOPERATIVE                 |
| CTRL | CONTROL                                     |
| CU   | COPPER                                      |
| DC   | DIRECT CURRENT                              |
| DEGF | DEGREES FAHRENHEIT                          |
| DG   | DIESEL GENERATOR                            |
| DIA  | DIAMETER                                    |
| DIM  | DIMENSION                                   |
| DISC | DISCONNECT                                  |
| DIST | DISTRIBUTION                                |
| DIV  | DIVISION                                    |
| DP   | DISTRIBUTION PANELBOARD                     |
| DPB  | DISTRIBUTION PANELBOARD, CB BRANCHES        |
| DPDT | DOUBLE POLE DOUBLE THROW                    |
| DWG  | DRAWING                                     |
| E    | EAST                                        |
| EBJ  | EQUIPMENT BONDING JUMPER                    |
| EGB  | EQUIPMENT GROUND BUS                        |
| EGC  | EQUIPMENT GROUNDING CONDUCTOR               |
| EM   | EMERGENCY                                   |
| EMT  | ELECTRICAL METALLIC TUBING                  |
| EST  | ESTIMATED                                   |
| FDN  | FOUNDATION                                  |
| FG   | FINISH GRADE                                |
| FLA  | FULL LOAD AMPS                              |
| FMC  | FLEXIBLE METAL CONDUIT                      |
| FO   | FIBER OPTIC                                 |
| FR   | FULLY RATED                                 |
| FRC  | FIBERGLASS RIGID CONDUIT                    |
| FTL  | FEED-THRU LUGS                              |
| FU   | FUSE                                        |
| GALV | GALVANIZED                                  |
| GC   | GENERAL CONTRACTOR                          |
| GEC  | GROUNDING ELECTRODE CONDUCTOR               |
| GFCI | GROUND-FAULT CIRCUIT INTERRUPTER (5mA)      |
| GFPE | GROUND-FAULT PROTECTION OF EQUIPMENT (30mA) |
| GND  | GROUND OR GROUNDED                          |
| GRC  | GALVANIZED RIGID STEEL CONDUIT (HOT-DIPPED) |
| HDPE | HIGH-DENSITY POLYETHYLENE                   |
| HH   | HANDHOLE                                    |
| HMI  | HUMAN MACHINE INTERFACE                     |
| HT   | HEAT TRACE                                  |
| IBC  | INTERNATIONAL BUILDING CODE                 |
| ID   | INSIDE DIAMETER                             |

## ABBREVIATIONS

|      |                                               |
|------|-----------------------------------------------|
| IES  | ILLUMINATING ENGINEERING SOCIETY              |
| IMC  | INTERMEDIATE METALLIC CONDUIT                 |
| JB   | JUNCTION BOX                                  |
| KO   | KNOCKOUT                                      |
| KVA  | KILOVOLT AMPERES                              |
| L    | LINE                                          |
| LED  | LIGHT EMITTING DIODE                          |
| LFMC | LIQUIDTIGHT FLEXIBLE METAL CONDUIT            |
| LFNC | LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT      |
| LSW  | LIMIT SWITCH                                  |
| LTG  | LIGHTING                                      |
| LV   | LOW VOLTAGE                                   |
| MAN  | MANUAL                                        |
| MAX  | MAXIMUM                                       |
| MCB  | MAIN CIRCUIT BREAKER                          |
| MECH | MECHANICAL                                    |
| MED  | MEDIUM                                        |
| MEZ  | MEZZANINE                                     |
| MIN  | MINIMUM                                       |
| MISC | MISCELLANEOUS                                 |
| MLO  | MAIN LUGS ONLY                                |
| MTD  | MOUNTED                                       |
| N    | NEUTRAL, NORTH                                |
| NAC  | NOTIFICATION APPLIANCE CIRCUIT (FIRE ALARM)   |
| NC   | NORMALLY CLOSED                               |
| NECA | NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION   |
| NEMA | NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION |
| NFPA | NATIONAL FIRE PROTECTION ASSOCIATION          |
| NIC  | NOT IN CONTRACT                               |
| NO   | NORMALLY OPEN                                 |
| OC   | ON CENTER                                     |
| OD   | OUTSIDE DIAMETER                              |
| OFCI | OWNER FURNISHED CONTRACTOR INSTALL            |
| OFOI | OWNER FURNISHED OWNER INSTALL                 |
| P    | POLE                                          |
| PC   | PHOTOELECTRIC CONTROL/SWITCH                  |
| PF   | POWER FACTOR                                  |
| PH   | PHASE                                         |
| PLC  | PROGRAMMABLE LOGIC CONTROLLER                 |
| PNL  | PANEL(BOARD)                                  |
| PR   | PAIR                                          |
| PRI  | PRIMARY                                       |
| PS   | PRESSURE SWITCH                               |
| PVC  | POLYVINYL CHLORIDE CONDUIT                    |
| RCPT | RECEPTACLE                                    |
| REQD | REQUIRED                                      |
| REV  | REVISION, REVERSE                             |
| RM   | ROOM                                          |
| RMC  | RIGID METAL CONDUIT (HOT-DIPPED GALVANIZED)   |
| RMS  | ROOT MEAN SQUARED                             |
| ROW  | RIGHT OF WAY                                  |
| RTRC | REINFORCED THERMOSETTING RESIN CONDUIT        |
| SEC  | SECONDARY                                     |
| SHT  | SHEET (REFER TO DRAWING)                      |
| SM   | SINGLE MODE                                   |
| SN   | SOLID NEUTRAL                                 |
| SPD  | SURGE PROTECTION DEVICE                       |
| SPDT | SINGLE POLE DOUBLE THROW                      |
| SPEC | SPECIFICATION                                 |
| SPST | SINGLE POLE SINGLE THROW                      |
| SR   | SERIES RATED                                  |
| SS   | STAINLESS STEEL, SOFT-START                   |
| SSBJ | SUPPLY-SIDE BONDING JUMPER                    |
| STBY | STAND-BY                                      |
| STP  | SHIELDED TWISTED PAIR                         |
| SVD  | SERVICE DISCONNECT                            |
| SW   | SWITCH                                        |
| SWD  | SWITCHED                                      |
| TUP  | TRIP UNIT POWER SUPPLY                        |
| TYP  | TYPICAL                                       |
| UG   | UNDERGROUND                                   |
| UL   | UNDERWRITERS' LABORATORIES                    |
| UON  | UNLESS OTHERWISE NOTED                        |

## ABBREVIATIONS

|      |                               |
|------|-------------------------------|
| UPS  | UNINTERRUPTIBLE POWER SUPPLY  |
| USWD | UNSWITCHED CIRCUIT            |
| UTP  | UNSHIELDED TWISTED PAIR       |
| V    | VOLTS                         |
| VA   | VOLT AMPERES                  |
| VAR  | VOLT-AMPS REACTIVE            |
| VFC  | VARIABLE FREQUENCY CONTROLLER |
| W    | WATT, WEST or WIRE            |
| W/   | WITH                          |
| W/O  | WITHOUT                       |
| WH   | WATTHOUR                      |
| WP   | WEATHERPROOF                  |
| XC   | AUXILIARY CONTACT             |
| XFER | TRANSFER                      |
| XFMR | TRANSFORMER                   |
| XMTR | TRANSMITTER                   |
| XP   | EXPLOSION PROOF               |

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PROJECT :  
CITY & BOROUGH OF YAKUTAT  
WATER SYSTEM EXTENSION

YAKUTAT, ALASKA

SHEET TITLE :  
LEGEND AND ABBREVIATIONS

|         |            |
|---------|------------|
| DESIGN  | NK         |
| DRAWN   | CSB        |
| CHECKED | BCH        |
| DATE    | 04-16-2025 |

|              |  |
|--------------|--|
| PROJECT No.  |  |
| 10297.24002  |  |
| SHEET NUMBER |  |
| E-001        |  |

|           |      |      |
|-----------|------|------|
| No.       | Date | Item |
| REVISIONS |      |      |