



LEGEND

- HOME RUN TO PANELBOARD, BURIED CONDUIT
- HOME RUN TO PANELBOARD, EXPOSED CONDUIT
- CONDUIT, 30" BELOW GRADE, OR EMBEDDED IN SLAB
- AWG # 2/0 COPPER GROUND WIRE
- MOTOR, HORSEPOWER INDICATED
- LIGHT SWITCH, WEATHERPROOF
- WEATHERPROOF WHILE IN USE GFI RECEPTACLE
- COPPERWELD GROUND ROD, 3/4" DIA. x 10' LONG
- JUNCTION BOX
- CIRCUIT BREAKER, AMP RATING/POLES INDICATED
- STAINLESS STEEL
- AWG #18 TWISTED SHIELDED PAIR INSTRUMENTATION CABLE
- SURGE PROTECTIVE DEVICE
- PHOTOCELL CONTROLLER
- DRY TYPE TRANSFORMER, 120/240V, SINGLE PHASE
- HARD DRAWN BARE COPPER
- PUMP STATION CONTROL PANEL
- WEATHERPROOF
- PORTABLE CABLE FURNISHED TERMINATED TO PUMP OR CONTROL DEVICE
- CONNECTION TO GROUNDING ELECTRODE
- AREA LUMINAIRE

NOTES:

- ELECTRICAL EQUIPMENT, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE. (NEC)
- EXTERNAL WIRING TO CONTROL PANELS IS SHOWN AS TYPICAL. FINAL WIRING AS REQUIRED BY THE CONTROL PANEL SHOP DRAWINGS SHALL BE FURNISHED AND INSTALLED.
- EQUIPMENT GROUNDING SHALL BE CONTINUOUS AND SECURE THROUGHOUT THE PROJECT IMPLEMENTED BY A GREEN TW INSULATED COPPER CONDUCTOR INSTALLED IN EACH CONDUIT.
- WIRE SHALL BE THWN INSULATED STRANDED COPPER.
- CONDUIT SHALL BE PVC BELOW GRADE, RIGID GALVANIZED STEEL FOR ALL EXPOSED EXTERIOR LOCATIONS. USE PVC CONDUIT WHERE EMBEDDED IN CONCRETE. USE PVC COATED RIGID CONDUIT WHERE TRANSITIONING OUT OF THE GROUND OR OUT OF CONCRETE EMBEDMENT.
- DEVICE BOXES SHALL BE CAST AND GASKETED, WITH THREADED CONDUIT HUBS AND WEATHERPROOF COVERS.
- THE CONTRACTOR SHALL PROVIDE ALL EXTERNAL POWER, CONTROL, AND SIGNAL WIRE AND CABLE IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S WIRING DIAGRAMS FOR THE ASSOCIATED EQUIPMENT.
- CONTRACTOR SHALL PROVIDE TRANSFORMER PAD IN ACCORDANCE WITH POWER CO. REQUIREMENTS.

ISSUED FOR
CONSTRUCTION

