



NOTES:

1. BACKING PLATE TO BE 1/4" ALUMINUM. MOUNT TO "1" BEAM POSTS WITH STAINLESS STEEL NUTS, BOLTS, AND WASHERS.
2. ALL ELECTRICAL WORK SHALL CONFORM TO LATEST NATIONAL, STATE AND LOCAL CODES AND REQUIREMENTS.
3. SHOW CONDUIT SIZE AND RUNS WITH WIRE SIZE AND NUMBER ON PUMP STATION PLANS.
4. PANEL LAYOUT IS SCHEMATIC ONLY. ADJUST AS NEEDED TO ACCOMMODATE EQUIPMENT. MAINTAIN 4" MIN. CLEARANCE BETWEEN PANELS AND SIDE SHIELDS.
5. ALL ENCLOSURES SHALL BE NEMA 4X RATED AND LOCKABLE.
6. ENCLOSURES SHALL BE MOUNTED TO ALUMINUM BACKING PLATE WITH NYLON SPACERS & STAINLESS STEEL NUTS, BOLTS & WASHERS.
7. CONDUIT SHALL BE RIDGID ALUMINUM OR GALVANIZED. MEYERS HUBS SHALL BE USED AT ALL PANEL CONNECTIONS.
8. NO EQUIPMENT SHALL BE MOUNTED LESS THAN 36" ABOVE FINISHED GRADE. MIN. CLEARANCE FROM WORK LIGHT TO STANDING PAD SHALL BE 6'-6".
9. CONDUITS FROM WET WELL SHALL HAVE AN AIR GAP FROM TERMINATING CABINET.
10. INSTALL AN AUTOMATIC TRANSFER SWITCH IF A GENERATOR IS INSTALLED. INSTALL A MANUAL TRANSFER SWITCH IF A PERMANENT DRY PRIME BYPASS BACK UP PUMPING SYSTEM IS INSTALLED. ADD A MELTRIC PLUG OR EQUAL TO THE MANUAL TRANSFER SWITCH FOR CONNECTION TO A PORTABLE GENERATOR.

CITY OF RALEIGH		
STANDARD DETAIL		
REVISIONS	DATE: 01/18/2025	NOT TO SCALE
PUMP STATION ELECTRICAL PANEL		
S-36		