PHYBS Proposal for Electricity

Scope

PHYBS would like to extend electricity from the dust collector area of Macarthur, South to behind the baseball backstop, then East to the shed (approximately 172 yards). There is a 30-amp circuit that Is no longer utilized on the wall behind the dust collector. We would run 10-gauge wire (4 strands which includes a ground) through ¾ hard conduit buried at 3 or 6 inches deep depending on response from city. This conduit would run under the walking path as to not disturb the structure and well above the Thermo grid which is 48 inched below the surface. The shed would have a locked outlet on exterior as well as an interior outlet and inside light.

- If D23 prefers we could install dusk until dawn lights on the shed for users of the walking path as a safety enhancement.

- Jim Biasi(who has worked as an electrical contractor for 30 years (most of that as the D23 contractor) would oversee the project and connect the 30-amp circuits as well as the outlets and light inside the shed.

- Installing a meter Is not feasible as it would have to be installed on West side of school, so PHYBS proposes utilizing a voltage meter to determine how much electricity they would dpay the district. Estimate is less than $5 per month (PHYBS pays park district about $350 per year in electricity which is utilized to light 2 baseball fields for 2 hours a game at more than 60 games per year).

- Besides providing inside light for the shed, electricity would primarily be used for a stereo system for game announcements and music.

- 10 Gauge would be utilized in anticipation of a future score board and field lights

PHYBS Board