CITY OF ANN ARBOR

VETERANS MEMORIAL PARK
SKATEPARK LIGHTING

ITB NO. 4707
BID SET
DECEMBER, 2021
PROJECT NUMBER: 2075154500
INFORMATION IS DEPICTED ON THE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR HIRING A PRIVATE LOCATING FIRM TO LOCATE ALL EXISTING PRIVATE UTILITIES PRIOR TO ANY EXCAVATION INCLUDING BUT NOT LIMITED TO EXISTING GAS MAINS, EXISTING GAS RISERS, EXISTING ELECTRICAL, IRRIGATION, SANITARY SEWER, STORM SEWER, WATER MAIN AND GAS MAINS.

PATHWAYS ARE CLOSED, THE CONTRACTOR SHALL INSTALL ADVANCED SIGNAGE AND BARRICADES AS NECESSARY PRIOR TO ANY EXCAVATION, ALL TREES TO REMAIN SHALL BE PROTECTED USING PROTECTIVE TREE FENCE. THE DISPOSAL OF EXCESS EXCAVATED MATERIAL SHALL BE CLEANED.

THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS. DO NOT SCALE THE DRAWING.
The diagram includes various features and notes, such as:

- **Tree Protection Fence**
- **18'' ST**
- **24'' ST**
- **66'' ST**
- **12'' ST**
- **24'' HMA**
- **2'' W**
- **28 Days Prior to Pole Installation**
- **Tree Trimming May Be Required**
- **Soil Erosion Control Measures**
- **Temporary Soil Erosion Control Measures**
- **Rain Garden Seed Mix**
- **Crushed Limestone**
- **Concrete Pathway Crossings**
- **HMA and Concrete Pathway Crossings**
- **Veterans Memorial Park**
- **Rain Garden**
- **Gravel Parking Lot**
- **Perforation of Construction Sites**
- **Temporary Soak-Away Ponds**
- **Perforation of Construction Sites**
- **Well Driven Piles**
- **8'' SS**
- **Skatepark Lighting**
- **PARK SWITCHBOARD. COORDINATE TRAFFIC SIGNAL AT MAPLE ROAD SIGNALS DURING ANY REQUIRED**

The diagram also includes a list of notes and details regarding the construction and design aspects of the project, such as:

- **Construction Permits**
- **Soil Erosion and Sediment Control**
- **Temporary Soil Erosion Control Measures**
- **Permanent Soil Erosion Control Measures**
- **Tree Protection Fencing**
- **Temporary Soak-Away Ponds**
- **Concrete Pathway Crossings**
- **HMA and Concrete Pathway Crossings**
- **Veterans Memorial Park**
- **Rain Garden**
- **Gravel Parking Lot**
- **Perforation of Construction Sites**
- **Well Driven Piles**
- **8'' SS**
- **Skatepark Lighting**

The diagram is part of a larger project involving skatepark lighting and other related infrastructure improvements.
1. Remove existing 3-pole break and provide new 3-pole, 50 AMP breaker for E-500.

2. Suppliers of galvanized steel pole to provide structural calculations from a licensed structural engineer registered in the state of Michigan.

3. Concrete 3000 PSI min.

4. Steel pole, powder coat finish

5. Pushbutton on poles A1, A6 on 16" centers #4 hoops, 24" Dia.

6. Conduit entering the box shall have 90° long radius bend (inside the box). The conduit openings, inside the box, where boxes are installed in concrete areas, a 1/2" premolded expansion joint shall be installed around the box.

7. Ground cable shall be #6 soft bare copper welded to ground rod with 24" slack above foundation top.

8. Electrical contractor shall verify exact anchor bolt pattern with fixture/pole manufacturer prior to pouring.

9. Controller, with control and pushbutton on poles A1, A6 or F5, F7.

10. LED shielded floodlights and single pole breaker on IDEC Type RTEL or approved equal.

11. New NEMA 4X control cabinet, delay relays to be IDEC Ice Cube, mounted on rails and installed in socket type, 30 to 60 minute range, underground junction box. Pushbutton on 1 pole foundation.

12.フラッシングビーコン、オートメーションパートフラットグレーフィニッシュ。