



Procurement #: 47339>

CITY OF PROVIDENCE, RHODE ISLAND

Department: Department of Parks

RFP Title: Site Improvements at Gano Street Park

Opening Date: 12/2/2024

Addendum #: 2

Issue Date: 11/26/2024

The purpose of this addendum is to provide the sign-in sheet from the Non Mandatory Pre-Bid meeting held Tuesday November 19, 2024 & to provide additional documents related to the RFP.

Providence City Hall
25 Dorrance Street
Providence, RI 02903



WENDY NILSSON
Superintendent of Parks

BRETT P. SMILEY
Mayor

Addendum # 2

SITE IMPROVEMENTS AT GANO STREET PARK

November 22, 2024

Total Pages Including Cover (43 Pages)

Acknowledge Addenda on Bid Form

**** BID DUE DATE MONDAY, DECEMBER 2, 2024, AT 2:15PM ****

Attachments:

1. Addendum Cover Sheet (2 Pages)
2. Pre-Bid Agenda (2 Pages)
3. Pre-Bid Sign-In Sheet (1 Page)
4. Plan Set (2 Pages)
5. Former Sports Field Lighting and Existing Electrical Cabinet, Exhibits A - F (6 Pages)
6. USDA Soil Surveys (6 Pages)
7. MUSCO Electrical Control System Requirements (3 Pages)
8. MUSCO Preliminary Foundation and Pole Assembly Drawing (1 Page)
9. RFP Unit Pricing and Bid Documents Table of Contents (15 Pages)
10. Technical Specifications Section 116833 Athletic Field Equipment (5 Pages)

Questions/Clarifications:

1. Existing Electrical Service within the western concession stand is currently live and operational (see Electrical Cabinet Exhibits A through E). In the past, this electrical service powered baseball field lighting (see Preexisting Sports Field Lighting Exhibit F). However, a few components, such as the electrical panels, may require removal and/or replacement to meet code.
 - a. As stated in the RFP, allowance in this project has been allocated towards addressing the electrical system.
2. Soil Borings and Geotechnical Investigation

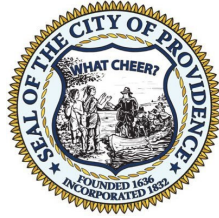
PROVIDENCE PARKS DEPARTMENT
1000 Elmwood Avenue, Providence, RI 02905
Phone: 401-680-7201



WENDY NILSSON
Superintendent of Parks

BRETT P. SMILEY
Mayor

- a. Soil Survey for Gano Street Park was collected from a USDA database (attached) and furnished to the Lighting Vendor (MUSCO) which the vendor may use to inform the lighting foundation design.
 - b. As per Section 265668, Exterior Athletic Field Lighting, Part 2.4, Line C. "Foundation Design: The foundation design shall be based on soil parameters as outlined in the geotechnical report. Lighting manufacturer shall provide geotechnical report."
3. Technical Specifications have been amended as follows:
- a. Section 116800 Play Field Equipment and Structures has been removed
 - b. Section 116833 Athletic Field Equipment has been updated to include information on:
 1. Scoreboards and Poles
 2. 20' Foul Poles with Wings
 3. Baseball Base Sets
 4. Basketball Backboards, Breakaway Rims and Poles
4. Foul Pole Footing Detail – the detail was provided by the manufacturer of the foul pole. The manufacturer and product specifics are indicated in technical specifications.
5. Tree removal for the installation of lighting poles will be performed by Owner.
6. Addendum 1 may have been missing a page from the Unit Pricing portion of the RFP. Therefore, Addendum 2 includes all pages of the Unit Pricing portion.



WENDY NILSSON
Superintendent of Parks

BRETT P. SMILEY
Mayor

Pre-Bid Meeting – Non-Mandatory

Date: Tuesday, November 19, 2024, 10 AM – Gano Street Park

Project: Site Improvements at Gano Street Park

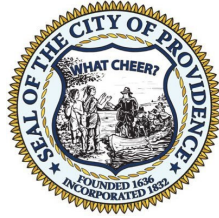
Bid Due: Monday, December 2, 2024, by 2:15pm

Agenda:

1. Bid Documents, Plans & Specifications – Any Issues?
2. Funding – **ARPA, CIP**
 - a. Braided Funding – Only Requires One Invoice Copy
3. Bid Bond, Performance & Payment Bonds – **Required**
4. MBE/WBE Utilization – 10% MBE/10% WBE – Submit All Paperwork
 - a. Regardless of whether or not sub-contractors are utilized, the MBE/WBE Waiver Request Form needs to be signed by the MBE/WBE Outreach Director.
 - b. The form needs to be sent to mbe-wbe@providenceri.gov for a signature prior to submitting the bid
 - c. The Parks Department encourages all vendors to seek qualified MBE/WBE Sub-Contractors for utilization on this project
5. Apprenticeship Requirements – **Required**
 - a. Construction contracts of \$100,000 or more requires that no less than 15% of the total labor hours performed by contractors and subcontractors on any given project are to be completed by apprentices registered in state-registered apprenticeship programs.
 - b. This requirement pertains to all labor hours for a given project, not just those for new hires.
6. “First Source” Requirements
 - a. When hiring new workers for a construction project, employers seek to hire Providence residents when available.
 - b. If the awarded contractor, regardless of tier, is a signatory to a Collective Bargaining Agreement that governs the contractor’s hiring and referral process, the contractor must contact both Building Futures and the local hiring halls to request apprentices or journey workers who are residents of Providence.
7. Retainage
 - a. 5% will be held from Pay Requests until project completion
 - b. Reduction at Substantial Completion (85%) to 2.5%
 - c. Additional 3% held for out of state contractors
8. Insurance Certificate
 - a. Issue after Award
 - b. Shall include: Project Name, City of Providence (and Funder) as ‘Additionally Insured on a primary but non-contributing basis for General Liability Insurance per Written Contract or Agreement’
9. Permits
 - a. Contractor’s responsibility to seek out if permit is needed
 - b. The City Permit Fee will be Waived (contact when submitting)
 - c. State ADA fee is not waived (only applicable if permit is required)

PROVIDENCE PARKS DEPARTMENT

1000 Elmwood Avenue, Providence, RI 02905
Phone: 401-680-7201



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Superintendent of Parks

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10. Prevailing Wage Requirements
 - a. Wage Decision in RFP (Date of Bid Opening)
 - b. Certified Payrolls to be Submitted with Pay Requisitions
11. Sub-Contractor Utilization Form
 - a. Submitted with Pay Requests
12. Submittals
 - a. Need Written Approval prior to purchase of Materials
 - b. Substitutions must include 'Side by Side Comparison'
13. Schedule of Values / Sequence of Work
 - a. Submitted prior to mobilization
 - b. City expects a Continuous Operation (No Demobilizations)
 - c. Liquidated Damages – Not Included
14. Working Hours
 - a. Monday – Friday 7:00 am – 4:00 pm
 - b. Weekends or Extended Hours – Requires Pre-Approval
15. Job Site Conduct
 - a. Parks are smoke free 'No Smoking'
 - b. No Loud Music
 - c. Equipment and Vehicles – In working Order – No Leaks
16. Pay Requests
 - a. Shall be submitted on the 15th of the month (or as discussed)
 - b. Certified Payrolls need to accompany pay requests, or they will not be processed
17. Waiver of Lien or Release
 - a. May be Required with certain funding sources for all suppliers and sub-contractors
18. Site Restrictions
 - a. Access is limited to certain areas
 - b. Deliveries must be coordinated with project manager
 - c. Contractor has control of the site from mobilization and until demobilization
 - d. Owner will be allowed access at all times

Questions regarding this bid package shall be submitted via e-mail to Purchasing at purchasing@providenceri.gov and **contact below**, no later than five (5) working days before the bid opening date.

Parks Department Contact Information

Ilya Iskhakov (Primary Contact)
Landscape Designer
Phone # 401-451-9238
iiskhakov@providenceri.gov

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1000 Elmwood Avenue, Providence, RI 02905
Phone: 401-680-7201

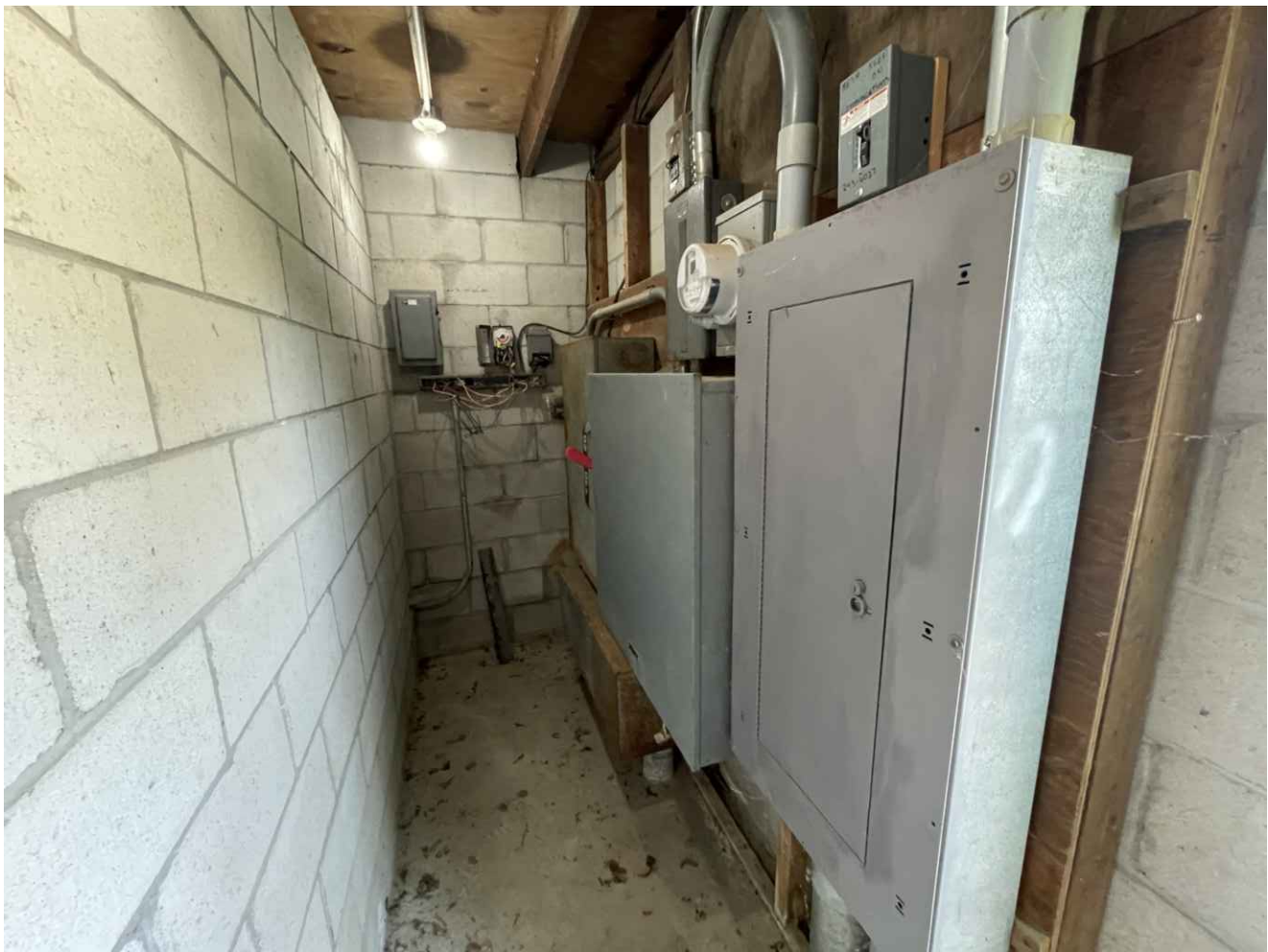
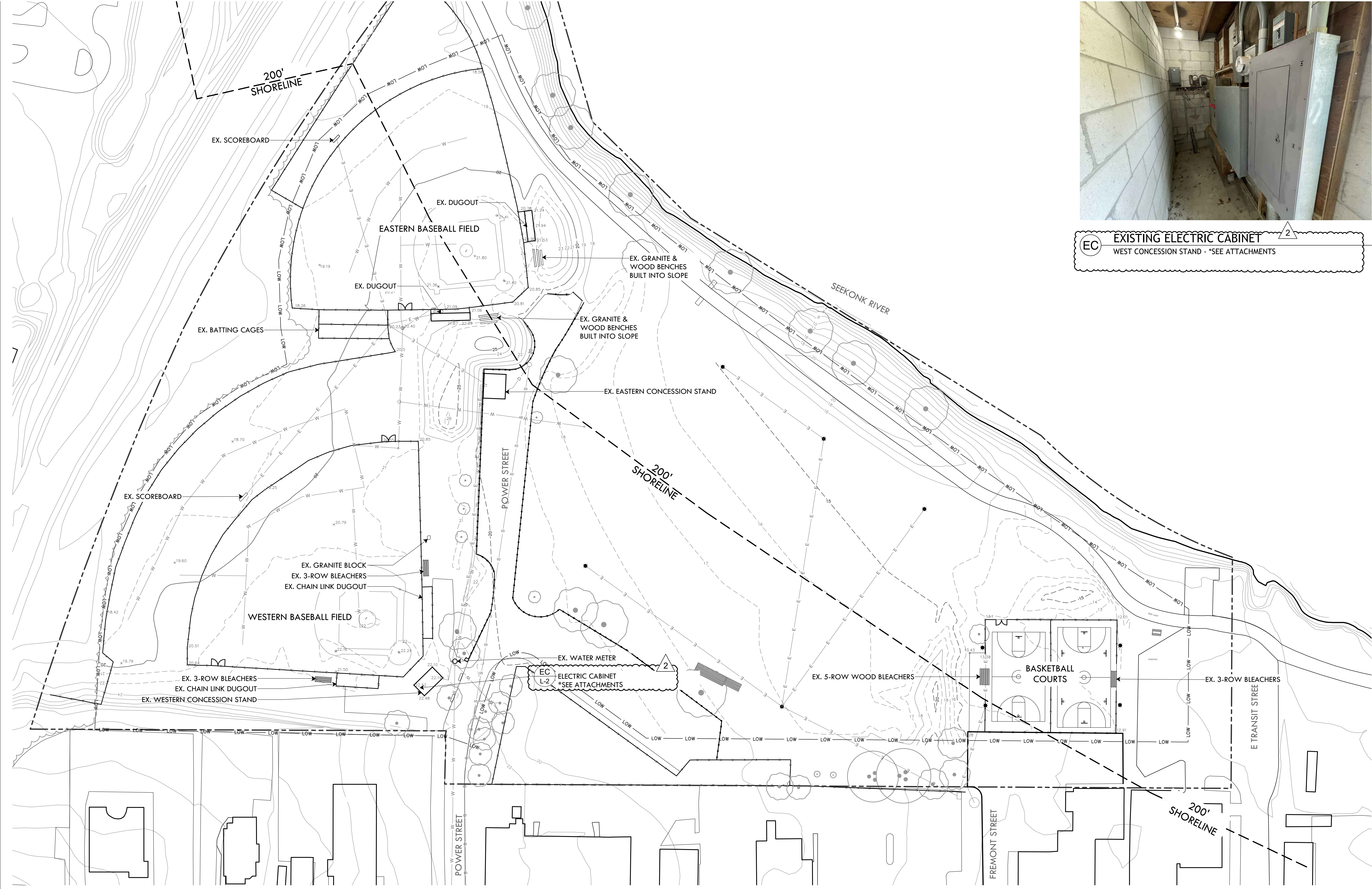
Sign-In Sheet

Non-Mandatory Pre-Bid Meeting

Tuesday, 11/19/24, 2024 at 10 AM – Gano St Park (Site)

Project: Site Improvements at Gano Street Park

NAME	COMPANY	E-MAIL	PHONE
GAB REGENSBYRGER	LAYDE REE ESTATE	GAB@LAW-RE.COM	212 217 2252
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CHRIS SELGER	MILL CITY	CSELGER@MILL-CITY.COM	401-766-3100
BRIAN MACCINI	RAINBIRD CORPORATION	bmaccini@rainbird.com	(508) 851-7669
Kevin Verissimo	Connecting to Build	Kevin@connectingtobuild.com	401-862-2764
Erik Andersen	FPESLL	fpesll.pes@gmail.com	401-440-4715
RON PLATT	FPESLL	RONPLATT19@gmail.com	401-374-1930
ALAN GRADY	MUSCO LIGHTING	ALAN.GRADY@MUSCO.COM	207-604-8748



EC EXISTING ELECTRIC CABINET
WEST CONCESSION STAND - *SEE ATTACHMENTS

EC L-2 ELECTRIC CABINET
*SEE ATTACHMENTS

EXISTING CONDITIONS LEGEND

— LOW — LOW —	LIMIT OF WORK (BASE BID)	*	EXISTING ATHLETIC FIELD LIGHTING	--- 98 ---	EXISTING CONTOUR
— - - - -	PROPERTY LINE	— 97.96 —	EXISTING CHAIN LINK (CL) FENCE	— S — S —	EXISTING SEWER
— E — E —	EXISTING ELECTRIC		EXISTING GRADE	— W — W —	EXISTING WATER

PROVIDENCE PARKS DEPARTMENT
DALRYMPLE BOATHOUSE
ROGER WILLIAMS PARK
PROVIDENCE, RI 02905

PROVIDENCE PARKS
play · relax · explore

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STAMP

PROJECT:

Site Improvements at Gano Street Park

87 Fremont Street
Providence, RI 02906

REVISIONS:

Date	Issued For:
11/22/2024	Addendum 2

NORTH ARROW

SCALE

0 20 40' 80'

SCALE: 1"=40'

DRAWING INFO

DATE ISSUED: 11/4/2024
PROJECT NO: GSPK.24.01
DRAWN BY: SH, II
CHECKED BY: SG, MG

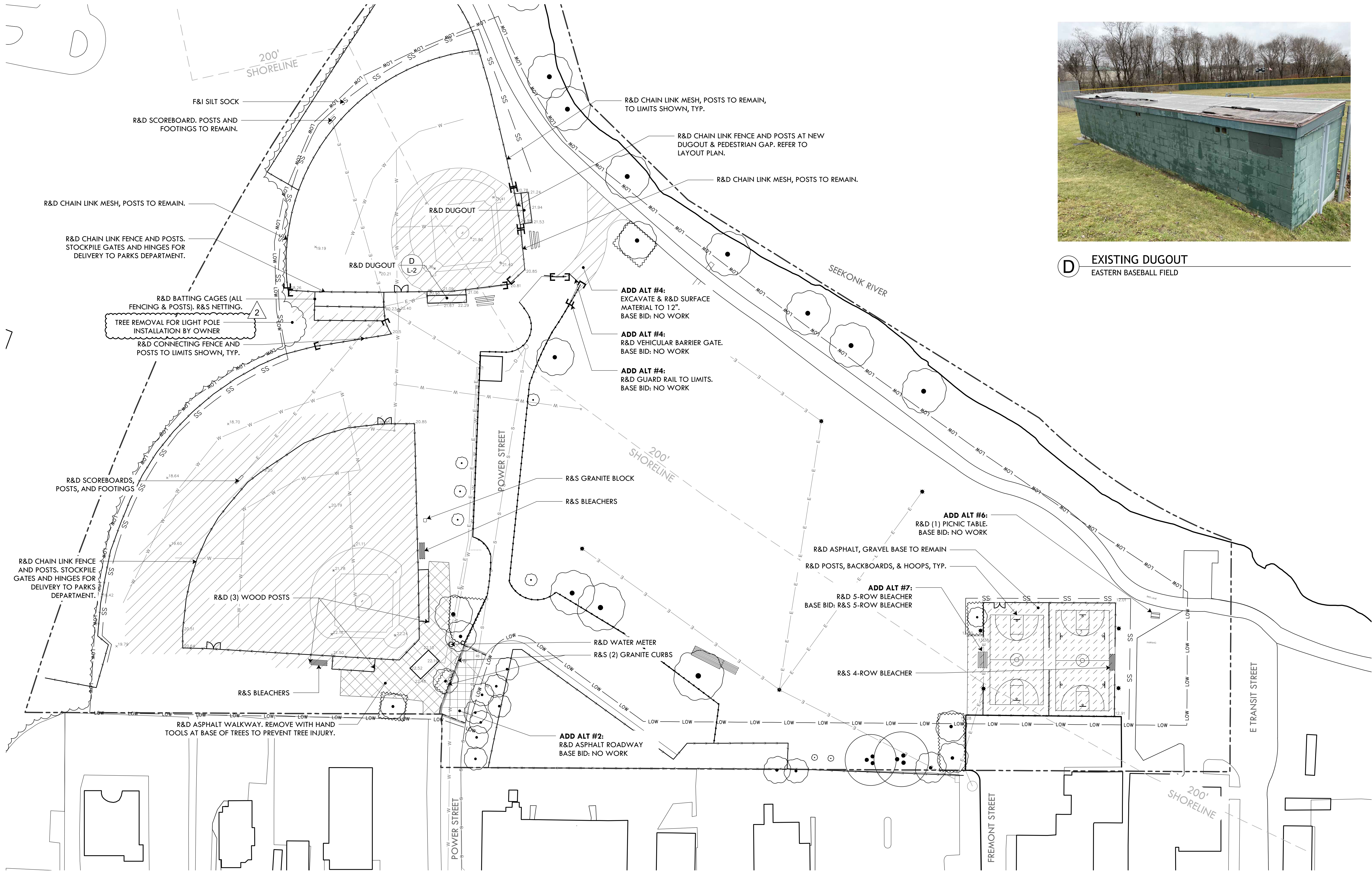
SHEET TITLE

Existing Conditions Plan

L-2

2 OF 20

FILE: GSPK.24-PHASE 1 PLANS.dwg



D EXISTING DUGOUT
EASTERN BASEBALL FIELD

DEMOLITION LEGEND

— LOW — LOW —	LIMIT OF WORK	R&D	REMOVE & DISPOSE		R&D EX. ASPHALT AND GRAVEL BASE
— SS —	SILT SOCK (3 L-8)	R&S	REMOVE & STOCKPILE		R&D EX. ASPHALT, GRAVEL BASE TO REMAIN
~~~~~	TREE PROTECTION FENCE (4 L-8)	— x — x —	EXISTING FENCE TO REMAIN		STRIP TURF & TOPSOIL TO 6" DEPTH
	SAWCUT (5 L-8)	— x — x —	FENCE & POSTS TO BE REMOVED		LIMIT OF FENCE REMOVAL



**PROVIDENCE  
PARKS DEPARTMENT**  
DALRYMPLE BOATHOUSE  
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PROVIDENCE, RI 02905



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**PROJECT:**

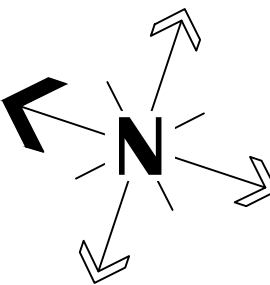
**Site Improvements at  
Gano Street Park**

**87 Fremont Street  
Providence, RI 02906**

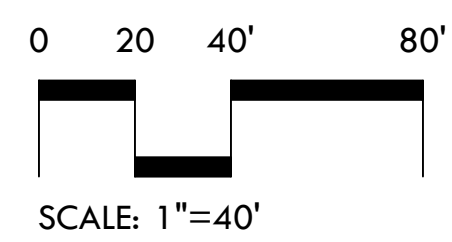
**REVISIONS:**

Date	Issued For:
11/22/2024	Addendum 2

**NORTH ARROW**



**SCALE**



**DRAWING INFO**

DATE ISSUED: 11/4/2024  
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DRAWN BY: SH, II  
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**SHEET TITLE**

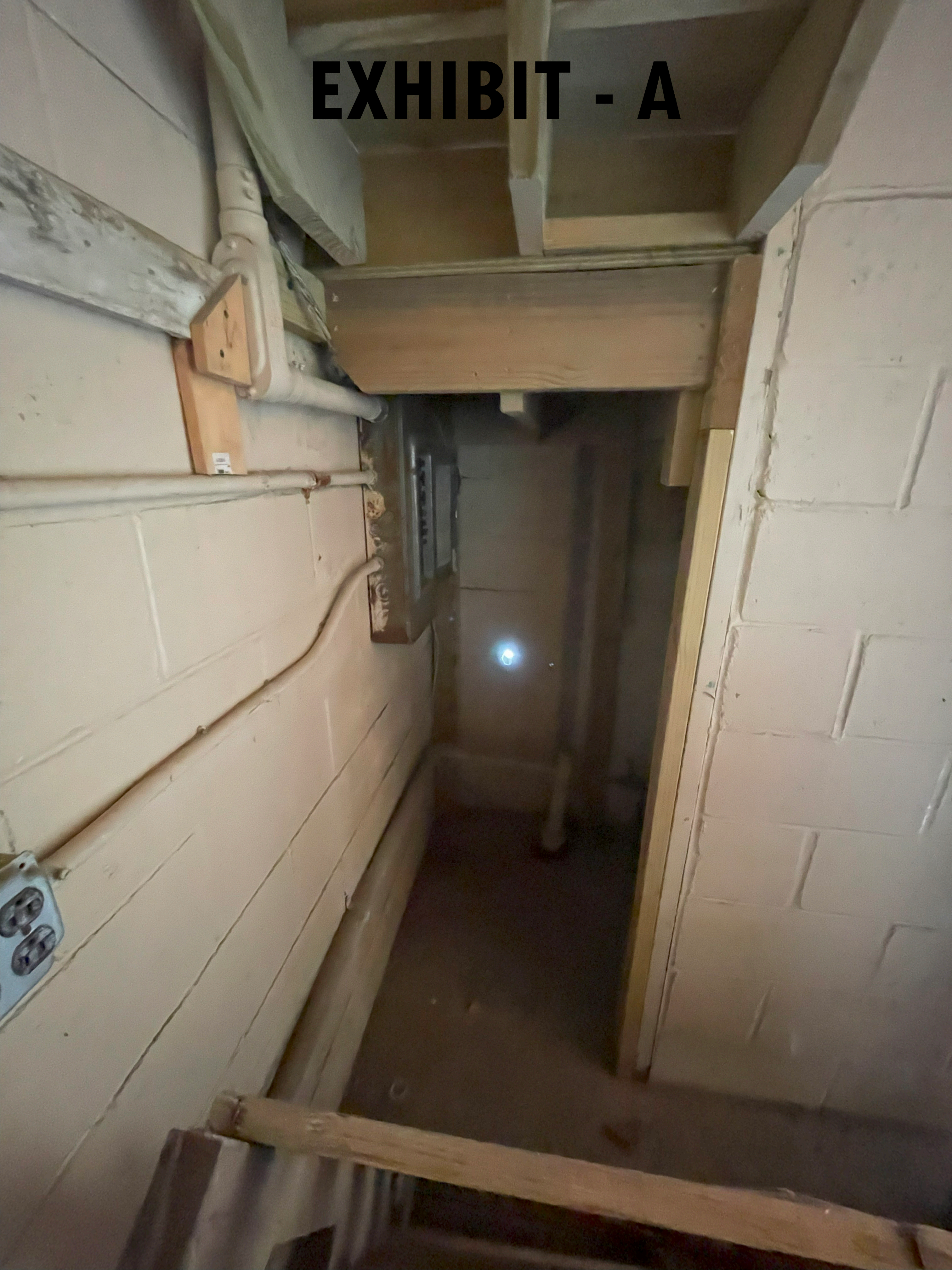
**Demolition  
Plan**

**L-3**

3 OF 20



# EXHIBIT - A





# EXHIBIT - B



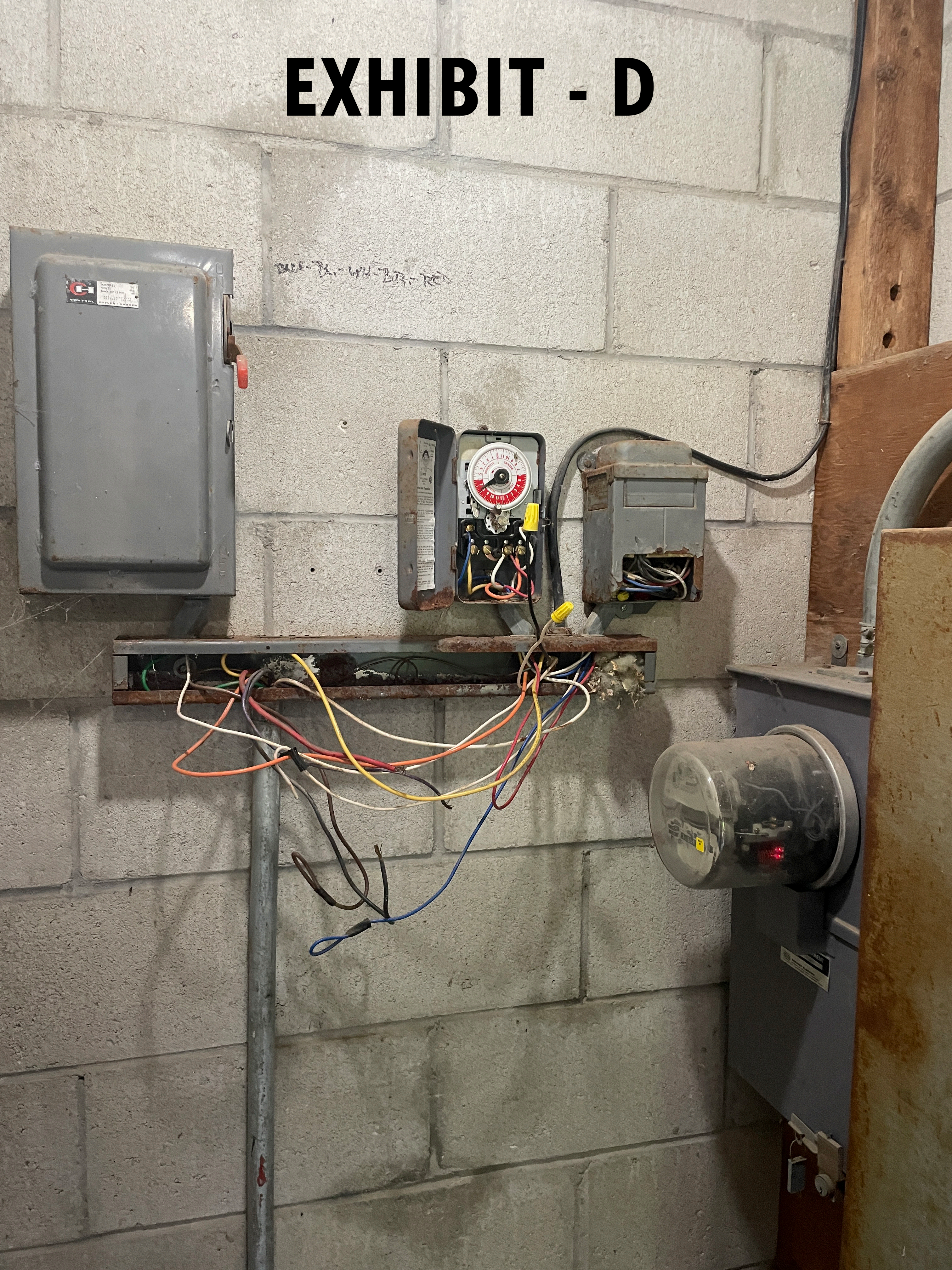


**EXHIBIT - C**





# EXHIBIT - D





**EXHIBIT - E**







**EXHIBIT - F**



## State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

### UD—Udorthents-Urban land complex

#### Map Unit Setting

*National map unit symbol:* 9lxj

*Elevation:* 0 to 670 feet

*Mean annual precipitation:* 44 to 50 inches

*Mean annual air temperature:* 48 to 50 degrees F

*Frost-free period:* 120 to 211 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Udorthents and similar soils:* 70 percent

*Urban land:* 20 percent

*Minor components:* 10 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Udorthents

##### Setting

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Human transported material

##### Typical profile

*A - 0 to 12 inches:* sandy loam

*C1 - 12 to 25 inches:* sandy loam

*C2 - 25 to 60 inches:* stratified sand to very gravelly coarse sand

##### Properties and qualities

*Slope:* 0 to 15 percent

*Depth to restrictive feature:* More than 80 inches

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High  
(2.00 to 6.00 in/hr)

*Depth to water table:* About 42 to 54 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Low (about 5.5 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Hydrologic Soil Group:* A

*Ecological site:* F149BY100NY - Urban Site Complex

*Hydric soil rating:* No



## Description of Urban Land

### Setting

*Parent material:* Human transported material

### Typical profile

*R - 0 to 6 inches:* variable

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 8s

*Hydric soil rating:* No

## Minor Components

### Merrimac

*Percent of map unit:* 5 percent

*Landform:* Terraces, outwash plains, kames

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Hydric soil rating:* No

### Quonset

*Percent of map unit:* 5 percent

*Landform:* Outwash plains, terraces, outwash terraces, eskers

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Survey Area Data: Version 24, Aug 30, 2024



## State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

### BiB—Bigapple sand, 0 to 8 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2phrv

*Elevation:* 0 to 70 feet

*Mean annual precipitation:* 44 to 55 inches

*Mean annual air temperature:* 36 to 60 degrees F

*Frost-free period:* 115 to 240 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Bigapple and similar soils:* 90 percent

*Minor components:* 10 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Bigapple

##### Setting

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Sandy dredge spoils and/or organic material

##### Typical profile

*^A - 0 to 3 inches:* fine sand

*^E - 3 to 9 inches:* fine sand

*^Bw - 9 to 20 inches:* stratified sand

*^C1 - 20 to 29 inches:* stratified sand

*^C2 - 29 to 59 inches:* stratified fine sand to very fine sand

##### Properties and qualities

*Slope:* 0 to 8 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (6.00 to 99.19 in/hr)

*Depth to water table:* About 59 to 79 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 2 percent

*Available water supply, 0 to 60 inches:* Low (about 3.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 3s

*Hydrologic Soil Group:* A

*Hydric soil rating:* No



## Minor Components

### Fortress

*Percent of map unit:* 5 percent

*Down-slope shape:* Concave

*Across-slope shape:* Concave

*Hydric soil rating:* No

### Hooksan

*Percent of map unit:* 3 percent

*Landform:* Dunes, beaches

*Landform position (two-dimensional):* Shoulder, summit

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Hydric soil rating:* No

### Sandyhook

*Percent of map unit:* 2 percent

*Landform:* Back-barrier beaches, back-barrier flats

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Hydric soil rating:* Yes

## Data Source Information

Soil Survey Area: State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Survey Area Data: Version 24, Aug 30, 2024



## State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

### FtA—Fortress sand, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2phrt

*Elevation:* 0 to 20 feet

*Mean annual precipitation:* 40 to 55 inches

*Mean annual air temperature:* 39 to 60 degrees F

*Frost-free period:* 140 to 240 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Fortress and similar soils:* 80 percent

*Minor components:* 20 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Fortress

##### Setting

*Down-slope shape:* Concave

*Across-slope shape:* Concave

*Parent material:* Dredged sandy fluviomarine materials

##### Typical profile

*^A - 0 to 8 inches:* sand

*^Bw - 8 to 12 inches:* sand

*^C1 - 12 to 33 inches:* stratified coarse sand to sand

*^C2 - 33 to 48 inches:* stratified coarse sand to sand

*^C3 - 48 to 65 inches:* stratified coarse sand to sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Moderately well drained

*Runoff class:* Negligible

*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (5.95 to 99.19 in/hr)

*Depth to water table:* About 24 to 48 inches

*Frequency of flooding:* Rare

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 5 percent

*Maximum salinity:* Nonsaline to strongly saline (0.8 to 30.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 10.0

*Available water supply, 0 to 60 inches:* Low (about 3.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 3s



*Hydrologic Soil Group:* A  
*Ecological site:* F149BY100NY - Urban Site Complex  
*Hydric soil rating:* No

### Minor Components

#### **Succotash**

*Percent of map unit:* 10 percent  
*Landform:* Barrier flats, dunes, spits  
*Landform position (two-dimensional):* Toeslope  
*Landform position (three-dimensional):* Base slope, tread  
*Down-slope shape:* Linear, concave  
*Across-slope shape:* Linear  
*Ecological site:* R149BY012MA - Coastal Backbarrier Dune Flats  
*Hydric soil rating:* No

#### **Urban land**

*Percent of map unit:* 4 percent  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Hydric soil rating:* Unranked

#### **Bigapple**

*Percent of map unit:* 3 percent  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F149BY100NY - Urban Site Complex  
*Hydric soil rating:* No

#### **Sandyhook**

*Percent of map unit:* 3 percent  
*Landform:* Back-barrier beaches, back-barrier flats  
*Landform position (three-dimensional):* Dip  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* R144AY001CT - Tidal Salt Low Marsh mesic very frequently flooded, R144AY002CT - Tidal Salt High Marsh mesic very frequently flooded  
*Hydric soil rating:* Yes

## Data Source Information

Soil Survey Area: State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties  
Survey Area Data: Version 24, Aug 30, 2024



# System Requirements: Control System Summary

Project Name: Gano Park Baseball | Project #: 237520

Control System ID: 1 of 1

Distribution Panel Location/ID: Softball

## Project Information

### Control System

Control System ID: 1 of 1

Control System Type: Control-Link • Control and Monitoring System

Communication Type: PowerLine-ST

### Power Requirements

#### Control cabinet(s):

Control voltage (phase to neutral) 120/60

VA loading - Inrush 2533.0

VA loading - Sealed 284.0

#### Lighting Circuits:

Voltage/Hertz/Phase 208/60/3

### Project Notes:

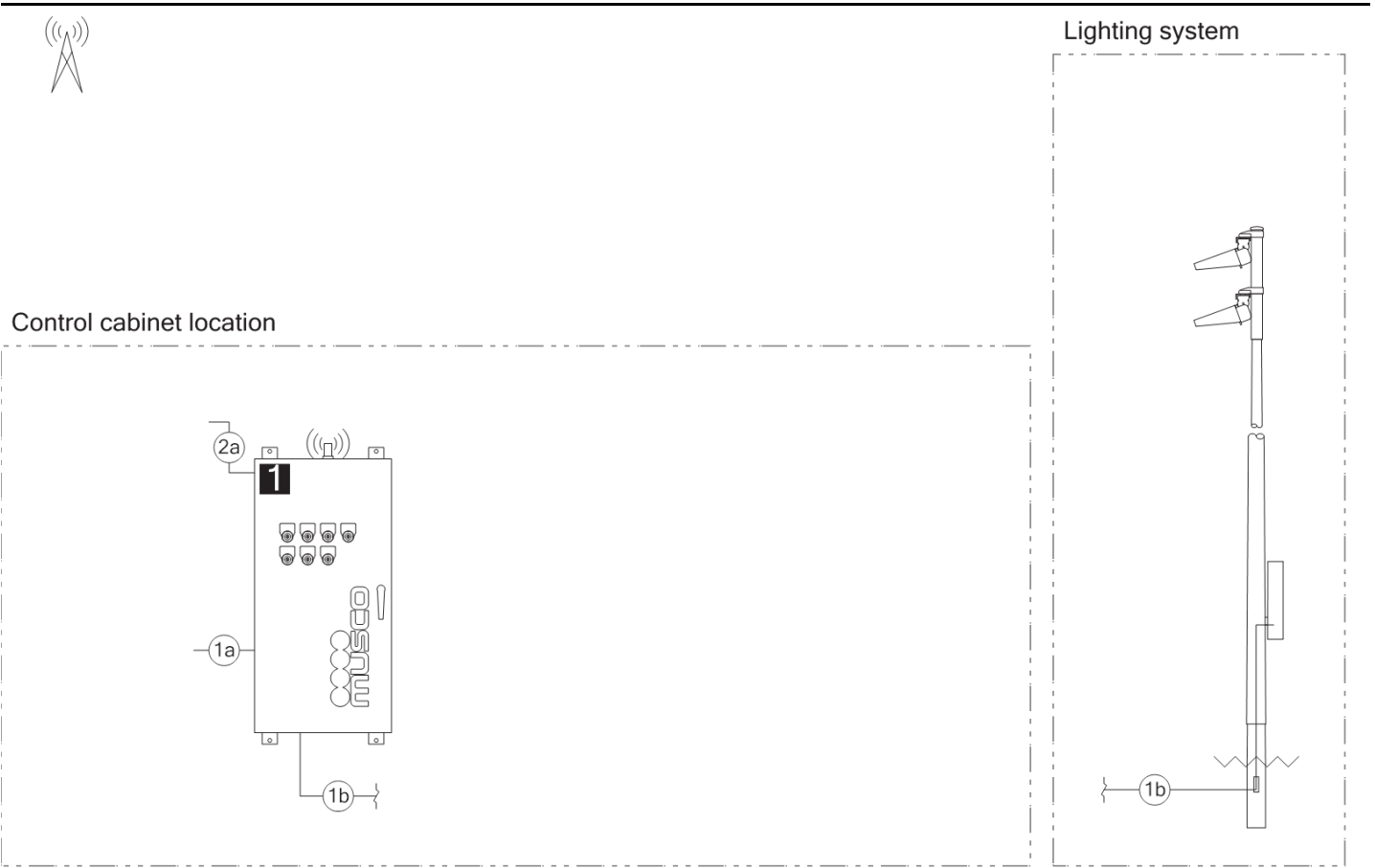
Equipment Listing		
Description	Qty	Size (in)
Control and monitoring cabinet - primary	1	24 X 72
Contactors, 30 amperes	8	-
Off/On/Auto switches	2	-

### Important Notes:

1. Please confirm that the lighting circuit voltage listed above is accurate for this facility. This is the voltage/phase being connected and utilized at each lighting pole's electrical components enclosure disconnect. Inaccurate voltage/phase can result in additional costs and delays. Contact your Musco sales representative to confirm this item.
2. In a 3 phase design, all 3 phases are to be run to each pole location. Musco's single phase luminaires come pre-wired to utilize all 3 phases across the entire facility.
3. One contactor is required for each circuit at each pole location. Contactors are 3 pole and 100% rated for the published continuous load.
4. If the lighting system will be fed from more than one distribution location, additional equipment may be required. Contact your Musco sales representative.
5. Size overcurrent devices using the full load amps column of the Circuit Summary by Switch chart (Minimum power factor is 0.9). Size conduit per code unless otherwise specified as larger to allow for harness connectors.
6. Avoid use of in-ground junction/pull boxes when possible. If used, all wire connectors must be UL listed for Wet Locations to prevent leakage current.
7. Control power wiring must be in separate conduit from line or load power wiring. Communication cables must be in separate conduit from any power wiring.
8. Refer to Installation Instructions for more details on equipment information and the installation requirements.



Equipment Layout and Connection Details



Connection Details		Equipment	
ID	Description	ID	Description
1a	Line power to contactors, and equipment grounding conductor. Requires one circuit per contactor, size wiring per load and voltage drop.	1	Control and monitoring cabinet - primary
1b	Load power from contactors, and equipment grounding conductor. Requires one circuit per contactor, size wiring per load and voltage drop.		
2a	Control power with equipment ground to control cabinet. Requires dedicated 20 A circuit. Provide transformer if control voltage not present.		



# System Requirements: Control System Summary

Project Name: Gano Park Baseball | Project #: 237520

Control System ID: 1 of 1

Distribution Panel Location/ID: Softball

## Circuit Summary

Switching Schedule	
Field/Switch Description	Switches
Softball 1	1
Softball 2	2

### Control Module ID: 1

Lighting Circuit Voltage: 208/60/3

Circuit Summary by Switch							
Switch	Zone Description	Pole ID	Qty of Fixtures	Full load amperes	Contactor Size (Amps)	Cabinet #	Contactor ID
1	Softball 1	A1	4	13.41	30	1	C1
	Softball 1	A2	4	13.41	30	1	C2
	Softball 1	B1	5	22.14	30	1	C3
	Softball 1	B2	5	22.14	30	1	C4
2	Softball 2	A3	4	13.41	30	1	C5
	Softball 2	A4	4	13.41	30	1	C6
	Softball 2	B3	5	20.88	30	1	C7
	Softball 2	B4	5	20.88	30	1	C8



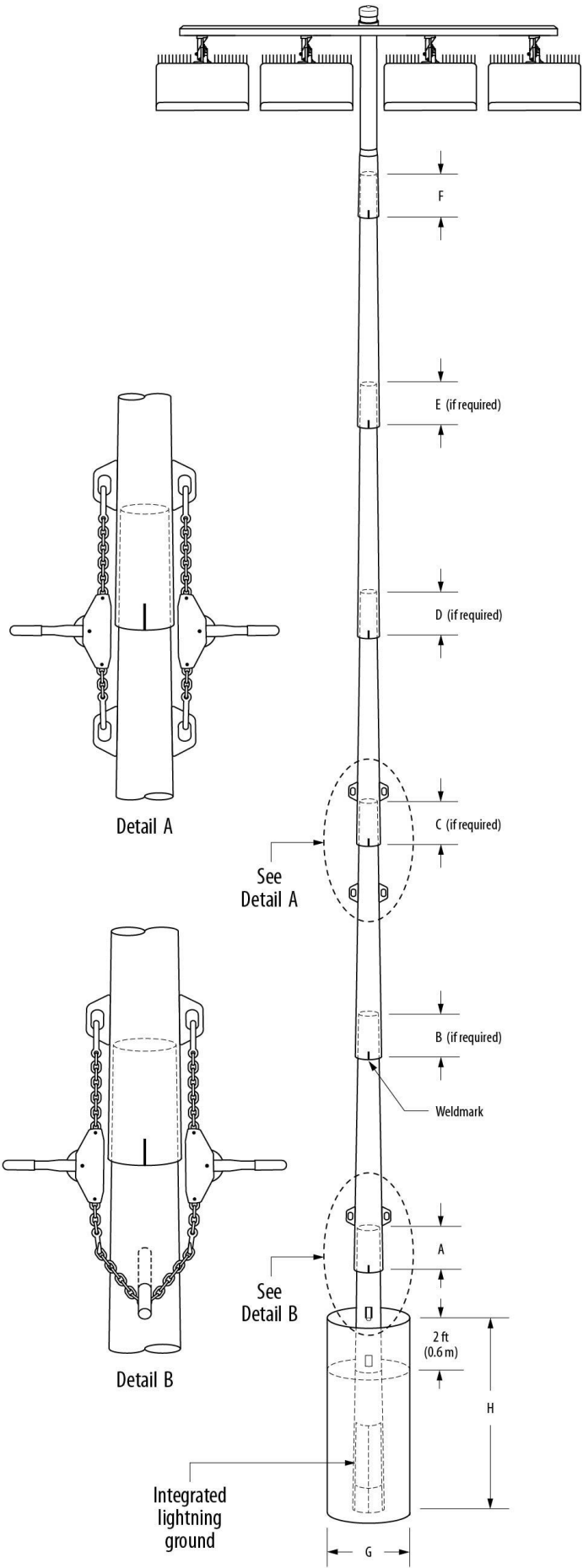
PRELIMINARY FOUNDATION AND POLE ASSEMBLY DRAWING

TABLE 1: POLE ASSEMBLY			
POLE ID	POLE HEIGHT ft (m)	# OF LUMINAIRES	ASSEMBLED POLE WEIGHT ³ lb (kg)
A1	60 (18.3)	4	1037 (470)
A2	60 (18.3)	4	1037 (470)
A3	60 (18.3)	4	1037 (470)
A4	60 (18.3)	4	1037 (470)
B1	70 (21.3)	5	2157 (978)
B2	70 (21.3)	5	2157 (978)
B3	70 (21.3)	5	2157 (978)
B4	70 (21.3)	5	2157 (978)

- Pole Assembly Notes:
- Steel pole should overlap concrete base and be seated tight with 1 1/2 ton come-alongs (contractor provided).
  - Align weldmarks on steel sections before assembling.
  - Assembled pole weight includes steel sections, crossarms, luminaires, and electrical components enclosures. If pole has stamped structural design then use pole weight (listed as vertical force) on stamped structural design document.
  - Section overlap must be pulled together until tight. Overlap measurement should be +/- 6 in (150 mm).
  - This document is not intended for use as an assembly instruction. See *Installation Instructions: Light-Structure System™ Lighting System* for complete assembly procedure.

TABLE 2: FOUNDATION DETAILS							
POLE ID	CONCRETE BASE WEIGHT lb( kg)	BURIAL INFORMATION ^{3,4}		CONCRETE BACKFILL ^{1,2} yd ³ ( m ³ )	CUT BASE	LIGHTNING GROUND ⁵	
		G in (mm)	H ft (m)			TYPE	SUPPLEMENTAL INSTRUCTION
A1	1870 (848)	30 (762)	10 (3.0)	1.2 (0.9)	NO	INTEGRATED ⁶	N/A
A2	1870 (848)	30 (762)	10 (3.0)	1.2 (0.9)	NO	INTEGRATED ⁶	N/A
A3	1870 (848)	30 (762)	10 (3.0)	1.2 (0.9)	NO	INTEGRATED ⁶	N/A
A4	1870 (848)	30 (762)	10 (3.0)	1.2 (0.9)	NO	INTEGRATED ⁶	N/A
B1	3780 (1715)	30 (762)	14 (4.3)	1.6 (1.2)	NO	INTEGRATED ⁶	N/A
B2	3780 (1715)	30 (762)	14 (4.3)	1.6 (1.2)	NO	INTEGRATED ⁶	N/A
B3	3780 (1715)	30 (762)	14 (4.3)	1.6 (1.2)	NO	INTEGRATED ⁶	N/A
B4	3780 (1715)	30 (762)	14 (4.3)	1.6 (1.2)	NO	INTEGRATED ⁶	N/A

- Foundation Notes:
- Concrete backfill is calculated to 2 ft (0.6m) below grade (no overage included). Top 2 ft (0.6m) to be class 5 soil compacted to 95% density of surrounding undisturbed soil unless otherwise specified in stamped structural design.
  - Concrete backfill required 3000 lb/in² (20 MPa) minimum.
  - Foundation design per 2021 IBC, 130 mph, exposure category C, variation STD (Risk Category II).
  - Assumes IBC class 5 soils.
  - Standard bases include integrated lightning protection. If bases are cut, supplemental lightning protection is required. Contact Musco for materials and instruction.
  - Lightning protection is a manufacturer installed concrete encased electrode and connector. Ground connection is made when concrete base is installed and footing is poured. No additional steps required.



R60-62-00-en04-01_B

Gano Park Softball - Providence, RI, USA

Date: 06/26/2024  
Representative: Mike Mahoney  
Project: 237520

Scale: Not to Scale  
Page: 1 of 1  
PRELIMINARY







**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

## **BID PACKAGE SPECIFICATIONS**

### **Project Description:**

Located in the Fox Point neighborhood of Providence, Gano Street Park is situated along the west bank of Providence River. The scope of work for this project includes the installation of new and renovation of existing Little League Baseball Fields and Basketball Court, as well as the installation of sports field lighting, irrigation, and scoreboards, including electrical and plumbing as it pertains to the aforementioned items.

**BASE BID:** The Base Bid scope of work for this project shall include, but not be limited to the following:

- R&D existing below grade Water Meter and F&I above grade Water Meter
- F&I Waterline to tie-into Irrigation of Baseball Fields and ex. lines for Soccer Field, Concession Stand and Community Garden
- R&D existing and F&I Scoreboards
- F&I Athletic Field Lighting, conduits and wiring to connect to electrical service
- R&D ex. and F&I Little League Baseball Fields
- R&D ex. and F&I Asphalt Paving and Base for walks and basketball court
- F&I Irrigation System to Baseball Fields

Allowance for this project is allocated for the plumbing and electrical scope of work.

### **ADD ALTERNATES include:**

- F&I Bleachers on Concrete Pads
- F&I Benches and Tables on Concrete Pads
- F&I Trash Receptacles on Concrete Pads
- F&I 2.5-3" cal. Deciduous Trees

In addition to stating the Total Base Bid, the bidder shall state Unit Prices for related work listed under each bid item which represents the work items included in the Total Base Bid. The Unit Prices are quoted for computing adjustments to the Base Bid prior to Contract award, as well as during the course of construction, based upon extra work ordered by the City or for work countermanded, reduced or omitted by the City in order to stay within the Project budget.

Base Bid Items and Unit prices are to be Completed prices to be added or deducted on the basis of quantities of work involved, for each item in place in the unit indicated.

**All Work Included in this Project Shall be Completed for the lump sum of:**

_____ Dollars

(\$ _____), **TOTAL BASE BID**

**ALLOWANCE:** \$80,000

**BASE BID W/ ALLOWANCE:** \$ _____

### **ABBREVIATIONS**

R&S	Remove & Stockpile	LS	Lump Sum	TN	Ton
R&D	Remove & Dispose	EA	Each	TMR	Thermally Modified Red
D&I	Deliver & Install, owner provided	LF	Linear Foot	(oak)	
F&I	Furnish & Install	SF	Square Foot	R&R	Remove & Reinstall
		CY	Cubic Yard		

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**ADD ALTERNATES:**

1. Add Alt #1 – F&I (3) 55gal. Perforated Steel Trash Receptacles, with Dome Lids, and Heavy-Duty Plastic Liners on concrete pads, complete – Per Lump Sum

_____ LS \$ _____  
*price in writing*

2. Add Alt #2 – F&I Asphalt Roadway Paving, complete – Per Lump Sum

_____ LS \$ _____  
*price in writing*

3. Add Alt #3 – F&I Asphalt Paving adjacent to the concession stand, complete – Per Lump Sum

_____ LS \$ _____  
*price in writing*

4. Add Alt #4 – Asphalt Path and accessories between Power St and Bike Path, complete – Per Lump Sum:

- R&D Guard Rail and Vehicle Barrier Gate
- Excavate & R&D surface material to 12"
- F&I Asphalt Paving
- F&I Landscape Boulders
- F&I Trash Receptacle
- F&I Vehicle Barrier Gate

_____ LS \$ _____  
*price in writing*

5. Add Alt #5 – F&I (6) 6' TMR Backless Benches with Backrest on concrete pads, complete – Per Lump Sum

_____ LS \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

6. Add Alt #6 – F&I Picnic Node, complete – Per Lump Sum:
- F&I 8' ADA TMR Picnic Table surface mount on concrete pad
  - F&I 6' TMR Picnic Table surface mount on concrete pad
  - F&I 55gal. Perforated Steel Trash Receptacle, including accessories, on concrete pad

_____ LS \$ _____  
*price in writing*

7. Add Alt #7 – R&D ex. Wood Bleacher and F&I (1) 4-Row x 15'L Low Rise Bleacher on Concrete Pad, complete. - Per Lump Sum

_____ LS \$ _____  
*price in writing*

8. Add Alt #8 – F&I Deciduous and Evergreen Trees as per plans, complete. – Per Lump Sum

_____ LS \$ _____  
*price in writing*

**UNIT PRICES – BASE BID:**

1. F&I Temporary Tree Protection, complete. – Per Linear Foot

_____ LF \$ _____  
*price in writing*

2. F&I Silt Sock, Sedimentation and Erosion controls, complete. – Per Linear Foot

_____ LF \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**3. R&R Bleachers on concrete pads, complete. – Per Each**

_____ EA \$ _____  
*price in writing*

**4. R&D Asphalt Paving and Base, complete. – Per Square Foot**

_____ SF \$ _____  
*price in writing*

**5. R&D Asphalt Paving only, base to remain, complete. – Per Square Foot**

_____ SF \$ _____  
*price in writing*

**6. R&D Existing Irrigation Components: Valve Boxes, Sprinkler Heads, Quick Coupling Valves and Isolation Valves, complete. – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**7. R&R Fence Stop Protector, complete. – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**8. R&D Western Baseball Field Chain Link Fencing, complete. – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**9. R&D Batting Enclosure, complete. – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**10. R&D Eastern Baseball Field Chain-Link Side Fencing as per plans, complete. – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**11. R&D Chain Link Fencing including posts and footings, complete. – Per Linear Foot**

_____ LF \$ _____  
*price in writing*

**12. R&D Chain Link Mesh only, complete. – Per Linear Foot**

_____ LF \$ _____  
*price in writing*

**13. R&D Basketball Backboards and Hoops, complete. – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**14. R&R Baseball Infield Mix, complete. – Per Cubic Yard**

_____ CY \$ _____  
*price in writing*

**15. R&D Baseball Bases, complete. – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**16. R&D Scoreboards and select Poles as per plans, complete. – Per Lump Sum**

_____ **LS**      \$ _____  
*price in writing*

**17. R&D Wood Posts as per plans, complete. – Per Each**

_____ **EA**      \$ _____  
*price in writing*

**18. R&D Dugout Buildings, complete. – Per Each**

_____ **EA**      \$ _____  
*price in writing*

**19. Strip Turf and Soil to 6" depth and Dispose, complete. – Per Square Foot**

_____ **SF**      \$ _____  
*price in writing*

**20. R&D Ex. Water Meter to 18" below grade and backfill with clean fill, complete. – Per Lump Sum**

_____ **LS**      \$ _____  
*price in writing*

**21. F&I Water Meter – Backflow Preventer, Dual Check Valve, Drain Valves, Curb Stop and Aluminum Enclosure Box on 4" Concrete Pad, complete – Per Lump Sum**

_____ **LS**      \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

- 22. F&I 2-1/2" Waterline from the new Water Meter and tie-into new Irrigation Systems in Baseball Fields and existing lines in Soccer Field, Concession Stand and Community Garden, with ball-valves, valve boxes, and other necessary accessories, complete – Per Lump Sum**

_____ **LS**      \$ _____  
*price in writing*

- 23. R&R Granite Curbs and Blocks, complete – Per Each**

_____ **EA**      \$ _____  
*price in writing*

- 24. R&S Granite Block, complete – Per Each**

_____ **EA**      \$ _____  
*price in writing*

- 25. F&I Irrigation Systems for (2) Baseball Fields – Per Each**

_____ **EA**      \$ _____  
*price in writing*

- 26. F&I Electrical Conduits and Wiring for Athletic Field Lighting and Scoreboards, and to provide power to Batting Enclosure and Dugouts, complete – Per Lump Sum**

_____ **LS**      \$ _____  
*price in writing*

- 27. F&I Athletic Field Lighting: Poles, Footings and Lights, complete – Per Lump Sum**

_____ **LS**      \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**28. F&I Scoreboard on New In-ground Poles, complete – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**29. F&I Scoreboard on Existing Poles, complete – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**30. F&I Western Baseball Field Chain-Link including Backstop, Side and Outfield Fencing, complete – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**31. F&I Eastern Baseball Field Chain-Link Side Fencing as per plans, complete – Per Lump Sum**

_____ LS \$ _____  
*price in writing*

**32. F&I Chain Link Mesh, complete – Per Linear Foot**

_____ LF \$ _____  
*price in writing*

**33. F&I Chain-Link Dugouts with Corrugated Metal Roofs and Concrete Pads, complete – Per Each**

_____ EA \$ _____  
*price in writing*

**34. F&I Aluminum Dugout Benches with backs, surface mount on concrete pads, complete – Per Each**

_____ EA \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**35. F&I Chain-Link Batting Enclosure with 5' W. pedestrian gates, complete – Per Lump Sum**

_____ **LS**      \$ _____  
*price in writing*

**36. F&I 12' Chain-Link Service Gates, complete – Per Each**

_____ **EA**      \$ _____  
*price in writing*

**37. F&I 12' Vehicle Barrier Gates, complete – Per Each**

_____ **EA**      \$ _____  
*price in writing*

**38. F&I 4" Infield Mix to Baseball Fields and Batting Enclosure, complete – Per Cubic Yard**

_____ **CY**      \$ _____  
*price in writing*

**39. F&I Sod to infield and double-strip (4' W.) to outer edge of infield, complete – Per Square Foot**

_____ **SF**      \$ _____  
*price in writing*

**40. F&I Baseball Base Sets, including Bases, Steel Anchors, Home Plates, and Pitching Rubber, complete – Per Each**

_____ **EA**      \$ _____  
*price in writing*

**41. F&I 20' Ht. Foul Poles with Wings, complete – Per Lump Sum**

_____ **LS**      \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**42. F&I Loam and Hyrdoseed with Athletic Field Turf Seed Mix, complete – Per Square Foot**

_____ SF      \$ _____  
*price in writing*

**43. F&I Asphalt Paving and Base, Complete. – Per Cubic Yard**

_____ CY      \$ _____  
*price in writing*

**44. F&I Basketball Breakaway Rims, complete. – Per Each**

_____ EA      \$ _____  
*price in writing*

**45. F&I Basketball Polycarbonate Backboards, complete. – Per Each.**

_____ EA      \$ _____  
*price in writing*

**46. F&I Loam and Hyrdoseed to all disturbed areas, complete – Per Square Foot**

_____ SF      \$ _____  
*price in writing*

**47. F&I Asphalt Sealant and Waterborne Striping to Basketball Courts, complete – Per Lump Sum**

_____ LS      \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**UNIT PRICES – ADD ALTERNATES:**

1. F&I 6' TMR Picnic Table on Concrete Pad, complete. – Per Each

_____ EA \$ _____  
*price in writing*

2. F&I 8' ADA TMR Picnic Table on Concrete Pad, complete. – Per Each

_____ EA \$ _____  
*price in writing*

3. F&I 6' TMR Backless Benches on Concrete Pads, complete. – Per Each

_____ EA \$ _____  
*price in writing*

4. F&I 12-14' Ht. *Betula populifolia* – Grey Birch clump, complete. – Per Each

_____ EA \$ _____  
*price in writing*

5. F&I 10-12' Ht. *Chamaecyparis thyoides* – Atlantic White Cedar, complete. – Per Each

_____ EA \$ _____  
*price in writing*

6. F&I 2.5-3" cal. (2.5" min.) *Carpinus caroliniana* – American Hornbeam, complete. – Per Each

_____ EA \$ _____

7. F&I 55gal. Perforated Steel Trash Receptacles, with Dome Lids, and Heavy-Duty Plastic Liners on Concrete Pads, complete. – Per Each

_____ EA \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**8. F&I 4-Row x 15'L Low Rise Bleacher on Concrete Pad, complete – Per Each**

_____ EA \$ _____  
*price in writing*

**9. F&I Vehicle Barrier Gate, complete – Per Each**

_____ EA \$ _____  
*price in writing*

**10. F&I Landscape Boulder, complete – Per Each**

_____ EA \$ _____  
*price in writing*

*Please note that the list above is not intended to include all items required to complete the base bid scope of work but can and shall be used to adjust the contract prior to or after award – in the best interest of the City of Providence.*

**BIDDER:** _____





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

**BID DOCUMENTS:**

The complete set of Bid Documents consists of the Bid Form, Technical Specifications, Minority Participation Forms, and the following Drawings:

**DRAWINGS:**

- L-1 COVER SHEET
- L-2 EXISTING CONDITIONS
- L-3 DEMOLITION PLAN
- L-4 GRADING PLAN
- L-5 IRRIGATION PLAN
- L-6 LAYOUT PLAN
- L-7 MATERIALS PLAN
- L-8 CONSTRUCTION DETAILS 1
- L-9 CONSTRUCTION DETAILS 2
- L-10 CONSTRUCTION DETAILS 3
- L-11 CONSTRUCTION DETAILS 4
- L-12 CONSTRUCTION DETAILS 5
- E-1-8 MUSCO ATHLETIC FIELD LIGHTING PLANS

**PREVAILING WAGE DECISION**

**COPY OF THE CONTRACT**

**TECHNICAL SPECIFICATION:**

- 010000 GENERAL REQUIREMENTS
- 015639 TEMPORARY TREE AND PLANT PROTECTION
- 024119 SELECTIVE DEMOLITION
- 033000 CAST-IN-PLACE CONCRETE
- 116833 ATHLETIC FIELD EQUIPMENT
- 133416 GRANDSTANDS AND BLEACHERS
- 260000 ELECTRICAL
- 260533.13 CONDUITS FOR ELECTRICAL SYSTEMS
- 265613 LIGHTING POLES AND STANDARDS
- 265619 LED EXTERIOR LIGHTING
- 265668 EXTERIOR ATHLETIC LIGHTING - MUSCO
- 312000 EARTH MOVING
- 312213 ROUGH GRADING
- 312316.13 TRENCHING
- 312500 EROSION AND SEDIMENTATION CONTROLS
- 321216 ASPHALT PAVING
- 321220.10 BASKETBALL COURT FINISHING
- 321313 CONCRETE PAVING





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

- **321823.10**      **INFIELD SKIN SURFACE**
- **323113**        **CHAIN LINK FENCES AND GATES**
- **323119.53**    **SINGLE SWING GATE**
- **323300**        **SITE FURNISHINGS**
- **328400**        **PLANTING IRRIGATION**
- **329113**        **SOIL PREPARATION**
- **329119**        **LANDSCAPE GRADING**
- **329200**        **TURF AND GRASSES**
- **329223**        **SODDING**
- **329300**        **PLANTS**
- **331413**        **PUBLIC WATER UTILITY DISTRIBUTION PIPING**

**ADDITIONAL INFORMATION REQUIRED WITH BID:**

- Qualifications to Perform Work – See Form Below for Information Required
- Minority Participation Forms – 10% MBE / 10 % WBE Goal on this Project
- Addenda (If Any) - Must Be Acknowledged on Bid Form
- Product Information for Items Submitted as ‘Or Equal’ to Specified Materials

**PROVISIONS OF THIS PROJECT:**

- Upon the Issuance of the Award from the Board of Contract – the City shall issue a Contract to be executed by the City and the vendor incorporating the bid specifications. All Provisions of the Specifications are binding.
- Any Permits Required by the City of Providence and/or State of Rhode Island Shall be Obtained by the Vendor – Permit Fees by the City of Providence Shall be Waived – the State ADA Fee Must be Paid
- The Davis Bacon Act Applies (HUD Projects) – Prevailing Wages Must Be Paid for On Site Hours – On-Site Interviews will be Conducted During the Project – Employees Shall be Advised of the Prevailing Wage Rates Prior to Mobilization on Site
- Certified payrolls Must be Submitted With Pay Requests Including Monthly Utilizations Form
- Performance and Payment Bonds (If Required) Must be Submitted within 10 Days of Award or Bid Bond Will be Forfeited
- An Insurance Certificate Shall be Submitted to the City Within 10 Days of Award
- A Copy of the Vendors Contractor’s License Must be Submitted within 10 Days of Award
- All On-Site Personnel Shall be Licensed (If Required) and Shall have Proof of All Licenses Required by the State of Rhode Island to Perform the Work Required
- Pay Requests Must be Submitted on Approved AIA Billing Documents (City will Provide if Needed)
- All Subcontractors Shall be Listed on the Bid Form – All Insurance & Payroll Requirements Apply
  - General Contractor Shall be the Insurance Certificate Holder and the City Shall be Named as ‘Additionally Insured’ with Respect to Liability Insurance
- A Submittal Log Must be Submitted within 10 Days of Award

**CLOSE OUT DOCUMENTS:**





**BOARD OF CONTRACT AND SUPPLY  
CITY OF PROVIDENCE, RHODE ISLAND**

- Prior to Final Payment the Vendor Shall Provide the Following:
  - Copies of Permits Signed off and Approved (If Any)
  - Operating Manuals and Warranties Shall Be Transferred and/or Delivered
  - Full and Completed As-Built Drawings Shall be Submitted for Approval
  - Training Shall be Provided to City Personnel (If Required)
  - Certification by Manufactures Representative (If Required)

**QUALIFICATIONS:**

Qualifications will be evaluated on the basis of similar project experience for:

- a. Completion of at least 3 similar projects within the past five years.
- b. Size and dollar value of similar completed projects.
- c. Contractor's performance with similar projects. (references will be checked)
- d. Relevant experience of individuals assigned to the project.

Questions regarding this bid package shall be submitted via e-mail to Purchasing at [purchasing@providenceri.gov](mailto:purchasing@providenceri.gov) and **Ilya Iskhakov, Landscape Designer** at [iiskhakov@providenceri.gov](mailto:iiskhakov@providenceri.gov), no later than five (5) working days before the bid opening date.





## SECTION 116833 - ATHLETIC FIELD EQUIPMENT

### PART 1 - PART 1 GENERAL

#### 1.1 SUMMARY

- 1.2 Provide all equipment, materials, and do all work necessary to furnish and install the athletic equipment, as indicated on the drawings and as specified herein. Athletic equipment shall include, but not be limited to:

- A. Scoreboards and Poles
- B. 20' Foul Poles with Wings
- C. Baseball base sets
- D. Basketball Backboards, Breakaway Rims, and Poles

#### 1.3 RELATED WORK

- 1.4 Examine Contract Documents for requirements that affect work of this section. Other specification sections that directly relate to work of this Section include, but are not limited to:

- A. Section 03300 - Cast-in-Place Concrete; Concrete foundations

#### 1.5 REFERENCES

- 1.6 Comply with applicable requirements of the following standards. Where these standards conflict with other specified requirements, the most restrictive requirements shall govern.

#### 1.7 SUBMITTALS

#### 1.8 Shop Drawings

- A. Provide drawings of manufacturers recommended installation and foundation requirements prior to actual field installation work for Architect or Owner's Representative review and approval.





1.9 QUALITY ASSURANCE

- A. Manufacturers warranties shall pass to the Owner and certification made that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

1.10 DELIVERY, STORAGE AND HANDLING

- A. Materials delivered to the site shall be examined for concealed damage or defects in shipping. Any defects shall be noted and reported to the Owner's Representative.
- B. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule.
- C. Sound materials shall be stored above the ground under protective cover or indoors so as to provide proper protection.

PART 2 - PRODUCTS

2.1 Electro-Mesh Scoreboard Co. Model LX1250 Outdoor Baseball/Softball Scoreboard or approved equal.

- A. Dimensions: 14 ft x 5 ft. Weight: 218 lb. Cabinet Material: Aluminum. Caption Height: 9 in., 8 in. Accent Material: 2.4 mil cast vinyl. Digit Height: 18 in. Indicator Size: 4 in. Digit Colors: Amber or Red. Electrical: 1.6 Amps, 120 VAC
  - 1. ID panel on top of the scoreboard: 14 ft x 1.5 ft. Graphics provided by owner to be incorporated into ID panel by manufacturer.
- B. Standard Equipment and Features:
  - 1. Single cabinet design with heavy duty extruded aluminum framing
  - 2. Light weight, rust free, all aluminum construction
  - 3. Mounting hardware for permanent installation on two posts without the need for on site fabrication
  - 4. Automotive grade baked on enamel based paint applied to the scoreboard face
  - 5. Choice of 18 standard paint colors
  - 6. Choice of amber or red LED displays
  - 7. LED display circuit scoreboards conformal coated for outdoor use
  - 8. Simplified 15-key control console
  - 9. Junction box and patch cable for hardwired installations
  - 10. Five-year limited warranty
  - 11. Toll free technical support via phone and online for the life of the product





C. Optional Equipment and Upgrades:

1. ID panels with custom graphics, in a variety of sizes, shapes and styles, to mount above or below the scoreboard
2. ScoreLink Wireless RF modem system for wireless communication
3. Additional warranty and support plans

2.2 FPW420 - 20' Foul Pole with Wing manufactured by Sportsfield Specialties, Inc. PO Box 231, 41155 State Highway 10, Delhi, NH, 13753; phone: 888.975.3343; [www.sportsfieldspecialties.com](http://www.sportsfieldspecialties.com), or approved equal.

A. COMPONENTS:

1. 1. Foul Pole Upright:
  - a. 4" Aluminum Tube (4" O.D. x 1/8" Wall)
  - b. 20' Height Above Finish Grade
  - c. Super Durable Powder Coated Finish: Color to be selected by owner.
2. Foul Pole Wing:
  - a. Stamped 1/8" (0.125") Aluminum Sheet with Double Reinforced Bends Welded at Corners
  - b. 1.5" Square Open Mesh
  - c. 18"W x 12'L
    - 1) Top of Upright Pole to 8' Above Finish Grade
3. Ground Sleeve:
  - a. 2'-6" Depth
  - b. Aluminum Construction
  - c. Alignment Bolt
  - d. Welded Leveling Plate
4. Stainless Steel Assembly Hardware

2.3 Baseball base sets manufactured by Beacon Athletics, 901 Eming Way Ste 101, Madison, WI, 53717, 800.747.5985, [www.beaconathletics.com](http://www.beaconathletics.com), or approved equal.

- A. Jack Corbett Hollywood Bases item #301-675-259.
- B. 1-1/2" All Steel Anchor item #301-505-460.
- C. Bulldog Double-sided Home Plate item #301-210-300.
- D. Bulldog 3" Pitching Rubber item #335-210-100.





- 2.4 Basketball Accessories manufactured by TrueBounce Inc., 56 Conduit St, New Bedford, MA 02745, (508) 999-3020 or approved equal
- A. TrueBounce Polycarbonate Backboard, Model #XL7042
  - B. TrueBounce Breakaway Rim, Model # RB100
  - C. 6x6"x14' square Powder Coated Steel Pole

### PART 3 - PART 3 EXECUTION

#### 3.1 3.1 INSPECTION

- A. Examine the areas and conditions where equipment and systems are to be installed and notify the contractor of conditions detrimental to the proper and timely installation and completion of the work.
- B. Do not proceed with the work until unsatisfactory conditions have been corrected by the contractor in a manner acceptable and to the satisfaction of the Architect/Engineer or Owner's Representative.

#### 3.2 INSTALLATION

- A. All Foul Pole Equipment and Accessories shall be installed as recommended per manufacturer's written instructions and as indicated on the drawings. Concrete anchoring foundations to be determined by others based on local soil conditions and building codes. Installer should have a minimum of five (5) baseball/softball equipment installations or similar experience in the previous three (3) years.
- B. Provide operating and maintenance instructions to Owner's Representative for the proper operation and care of equipment.

#### 3.3 CLEANING

- A. Upon completion of work in any given area, remove all trash and debris from the work area and leave in clean condition. All pipe, concrete, fabric and miscellaneous parts shall be removed from site.
- B. Dispose of excessive material to certified landfill.
- C. Grade to within 1" of finish grade after work is completed.



Providence Parks Department  
Site Improvements at Gano St  
Park



SECTION 116833 - ATHLETIC  
FIELD EQUIPMENT

END OF SECTION 116833