BENCHMARK:
BM1 - FIRE HYDRANT ARROW BOLT - ASSUMED ELEVATION = 500.00 FEET

CONTOUR INTERVAL = 1 FOOT

UNDERGROUND PUBLIC UTILITIES WERE LOCATED FROM MARKS FOUND ON THE GROUND IN RESPONSE TO TICKET 18028585. LOCATION OF EXISTING UTILITIES WERE DETERMINED IN ACCORDANCE WITH ASCE 38-02 'STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA.' THERE MAY BE OTHER EXISTING UTILITIES NOT INDICATED ON THIS DRAWING.

UTILITY QUALITY LEVEL 'B' LOCATED FROM INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES.

UTILITY QUALITY LEVEL 'C' LOCATED FROM INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL 'D' INFORMATION.

UTILITY QUALITY LEVEL 'D' LOCATED FROM INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

CALL TWO WORKING DAYS BEFORE YOU DIG - 811
IRRIGATION PLAN

EXISTING IRRIGATION NOTES:

A. MEASUREMENTS SHOWN ON THIS SHEET ARE APPROXIMATE. FIELD VERIFICATION REQUIRED.

B. EXISTING IRRIGATION NOTES ARE DRAWN AS SHOWN ON THE PROJECT DRAWINGS AND IN THE FIELD.

C. CONTROL, ELECTRICAL SUBSYSTEMS, AND ALL SPECIALTY VALVES ARE OPERATIONAL AND UPGRADE IS REQUIRED.

D. NEW MATERIALS ARE TO BE USED IN ALL EXISTING IRRIGATION SYSTEMS.

E. PROVIDE ALL COMPONENTS REQUIRED FOR PROPER WINTERIZATION OF SYSTEM.

F. VALVE BOXES TO BE LOCATED OUTSIDE OF PLANTERS WHERE POSSIBLE.

G. PROVIDE ADEQUATE WATER FOR ALL PLANT MATERIAL AS SHOWN ON THE PROJECT DRAWINGS.

H.atics, ENSURE PROPER PLANT REQUIRED WATER COVERAGE.

I. CONCERNING EXISTING ZONES TO ACCOMMODATE NEW AND ADJUSTED AREAS.

J. RECONNECT EXISTING ZONES TO REMAIN TO MAINLINE AS REQUIRED.

K. RECONNECT SPECIALTY VALVES AS REQUIRED.

L. WHERE EXISTING IRRIGATION LINES EXTEND UNDER NEW PAVEMENT, PROVIDE NEW IRRIGATION SYSTEM MAINLINE AND CONDUIT EXISTS UNDER BORE IF NO EXISTING ISOLATION VALVES AT END OF MAINLINE AND".

PERFORMANCE IRRIGATION NOTES:

A. ELECTRIC CONTROL VALVES TO BE LOCATED OUTSIDE OF EXISTING PLANTER AREAS.

B. RETURN TO OWNER AT OWNERS DISCRETION. REMOVE ALL BELOW-GRADE PIPING.

C. CONTRACTOR SHALL PROVIDE SLEEVING FOR PIPE BELOW PAVEMENT. SLEEVE AS DETAILED IN THE PROJECT.

D. PERFORMANCE IRRIGATION CONTROLLERS - USE EXISTING IRRIGATION CONTROLLERS, AS DETAILED/SPECIFIED.

E. CONTRACTOR SHALL PROVIDE SLEEVING FOR PIPE BELOW PAVEMENT. SLEEVE AS DETAILED IN THE PROJECT.

F. PERFORMANCE IRRIGATION CONTROLLERS - USE EXISTING IRRIGATION CONTROLLERS, AS DETAILED/SPECIFIED.

G. CONTRACTOR SHALL PROVIDE SLEEVING FOR PIPE BELOW PAVEMENT. SLEEVE AS DETAILED IN THE PROJECT.

H. PERFORMANCE IRRIGATION CONTROLLERS - USE EXISTING IRRIGATION CONTROLLERS, AS DETAILED/SPECIFIED.

I. CONTRACTOR SHALL PROVIDE SLEEVING FOR PIPE BELOW PAVEMENT. SLEEVE AS DETAILED IN THE PROJECT.

J. PERFORMANCE IRRIGATION CONTROLLERS - USE EXISTING IRRIGATION CONTROLLERS, AS DETAILED/SPECIFIED.

MAXICOM EQUIPMENT PURCHASE & INSTALLALATION REQUIREMENTS:

A. RAINBIRD MAXICOM EQUIPMENT TO BE PURCHASED BY CONTRACTOR.

B. CONTRACTOR SHOULD PREPARE LOGIC SHEETS & SCHEMS OF SYSTEMS, WHERE EXISTING IRRIGATION SYSTEMS ARE RAINBIRD MAXICOM CONTROL SYSTEM (ESP SAT LW).

C. CONTRACTOR TO DESIGN AND INSTALL UNDERGROUND AUTOMATIC IRRIGATION SYSTEM TO PROVIDE SPRINKLER (SPRAY IRRIGATION) - PLANTERS AREAS, AS SHOWN ON DRAWINGS.

D. PROVIDE ADEQUATE WATER FOR ALL PLANT MATERIAL AS SHOWN ON DRAWINGS.

E. MODIFY ADJACENT EXISTING ZONES TO ACCOMMODATE NEW AND ADJUSTED AREAS.

F. RECONNECT EXISTING ZONES TO REMAIN TO MAINLINE AS REQUIRED.

G. PROVIDE ADEQUATE WATER FOR ALL PLANT MATERIAL AS SHOWN ON DRAWINGS.

H. PROVIDE ADEQUATE WATER FOR ALL PLANT MATERIAL AS SHOWN ON DRAWINGS.

I. PROVIDE ADEQUATE WATER FOR ALL PLANT MATERIAL AS SHOWN ON DRAWINGS.

J. PROVIDE ADEQUATE WATER FOR ALL PLANT MATERIAL AS SHOWN ON DRAWINGS.

IRRIGATION LEGEND:

- Existing Controller
- New Controller
- Mainline
- Sleeve
- Valve Box
- Pop-Up Sprinkler Head
- Tree Watering Device
- Rainbird Controller

* DENOTES MODEL OR APPROVED EQUAL

DESCRIPTION

- Sched 40 PVC IPS
- Sched 40 PVC
- Schedule 40 PVC
- Schedule 40 HDPE
- Schedule 40 CPVC

SIZES

- 1", 1.5", 2"
**ELECTRICAL SPECIFICATIONS**

**ASME**

1. This document shall contain the name and number of each drawing referenced herein.

2. The drawings referred to herein shall be the latest issue and shall be in the current standard of the American National Standards Institute (ANSI).

3. The drawings referred to herein shall be the latest issue and shall be in accordance with the National Electrical Code (NEC) as published by the National Fire Protection Association (NFPA).

4. The drawings referred to herein shall be the latest issue and shall be in accordance with the American Institute of Architects (AIA) Consensus Document.

5. The drawings referred to herein shall be the latest issue and shall be in accordance with the United States Code.

6. The drawings referred to herein shall be the latest issue and shall be in accordance with the International Building Code (IBC) as published by the International Code Council (ICC).

**SCOPE**

1. This specification applies to the electrical system for the new buildings at the Construction Site.

2. This specification applies to the electrical system for all new buildings at the Construction Site.

3. This specification applies to the electrical system for the existing buildings at the Construction Site.

**NOTICE OF WORK**

1. All work required under this contract shall be done in a workmanlike manner and shall be in accordance with the latest issue of the National Electrical Code (NEC).

2. All work required under this contract shall be done in a workmanlike manner and shall be in accordance with the latest issue of the International Building Code (IBC).

3. All work required under this contract shall be done in a workmanlike manner and shall be in accordance with the latest issue of the American Institute of Architects (AIA) Consensus Document.

**GENERAL**

1. The Contractor shall furnish and install all necessary electrical materials and labor required for the project.

2. The Contractor shall furnish and install all necessary electrical materials and labor required for the project.

3. The Contractor shall furnish and install all necessary electrical materials and labor required for the project.

**CONTACTORS CONTROL**

1. The Contractor shall maintain and operate all electrical equipment in accordance with the National Electrical Code (NEC).

2. The Contractor shall maintain and operate all electrical equipment in accordance with the National Electrical Code (NEC).

3. The Contractor shall maintain and operate all electrical equipment in accordance with the National Electrical Code (NEC).

**OWNERS RESPONSIBILITY**

1. The Owner shall provide all necessary electrical materials and labor required for the project.

2. The Owner shall provide all necessary electrical materials and labor required for the project.

3. The Owner shall provide all necessary electrical materials and labor required for the project.

**WIRING METHODS**

1. All wiring shall be done in accordance with the latest issue of the National Electrical Code (NEC).

2. All wiring shall be done in accordance with the latest issue of the National Electrical Code (NEC).

3. All wiring shall be done in accordance with the latest issue of the National Electrical Code (NEC).

**MATERIALS**

1. All materials shall be selected and furnished by the Contractor in accordance with the latest issue of the National Electrical Code (NEC).

2. All materials shall be selected and furnished by the Contractor in accordance with the latest issue of the National Electrical Code (NEC).

3. All materials shall be selected and furnished by the Contractor in accordance with the latest issue of the National Electrical Code (NEC).

**HARDSHIP**

1. Any hardship encountered by the Contractor shall be reported to the Owner in writing within five (5) days of the occurrence.

2. Any hardship encountered by the Contractor shall be reported to the Owner in writing within five (5) days of the occurrence.

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**BOND**

1. The Contractor shall be bonded in accordance with the latest issue of the National Electrical Code (NEC).

2. The Contractor shall be bonded in accordance with the latest issue of the National Electrical Code (NEC).

3. The Contractor shall be bonded in accordance with the latest issue of the National Electrical Code (NEC).

**POWER DISTRIBUTION**

1. All power distribution shall be in accordance with the latest issue of the National Electrical Code (NEC).

2. All power distribution shall be in accordance with the latest issue of the National Electrical Code (NEC).

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**EQUIPMENT**

1. All equipment shall be selected and furnished by the Contractor in accordance with the latest issue of the National Electrical Code (NEC).

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**CONSTRUCTION**

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**ELECTRICAL SPECIFICATIONS**

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