

ALL FIXTURES ON ADMIN. AND LIBRARY
TO BE INSTALLED BY SITE LIGHTING
CONTRACTOR. JUNCTION BOXES TO
LOCATIONS BY BLDG. CONTRACTOR.

CIRCUIT NO. 6

CIRCUIT NO. 7

CIRCUIT NO. 8

CIRCUIT NO. 5

CIRCUIT NO. 9

CIRCUIT NO. 10

CIRCUIT NO. 11

CIRCUIT NO. 12
30 AMP CIRCUIT

200 AMP SUB-MAIN CIRCUIT

LEGEND

- UNDERGROUND BRANCH CIRCUIT
- ARBOR AND PAVILION LIGHTS (ALLOW 200" PER FIXTURE)
- ◐ DOWNLIGHT - 50 OR 100 WATT MERCURY VAPOR
- ◑ TREE MOUNTED DOWNLIGHT - 175 WATT MERCURY VAPOR
- ◒ TREE MOUNTED DOWNLIGHT - 100 WATT MERCURY VAPOR
- ◓ GROUND MOUNTED UPLIGHT - 100 WATT MERCURY VAPOR
- ◔ GROUND MOUNTED ARCHITECTURAL UPLIGHT - 100 WATT METAL HALIDE
- ◕ GROUND MOUNTED UPLIGHT - 100 WATT MERCURY VAPOR DX
- ◖ DUPLEX ABOVE GROUND OUTLET WITH GFI PROTECTION
- ◗ LANDSCAPE LIGHTING PANEL BOX
- ◘ JUNCTION BOX (FLUSH GROUND MOUNTED, APPROX. FIELD LOCATION)

CONSTRUCTION NOTES:

STANDARDS

ALL WIRING IS SHOWN IN SCHEMATIC FORM ONLY. ELECTRICAL DISTRIBUTION SYSTEM FOR ALL OUTDOOR LIGHTING SHALL BE INSTALLED ACCORDING TO NATIONAL AND LOCAL CODES AND SAFETY REQUIREMENTS. RESPONSIBILITY FOR ALL NECESSARY COMPONENTS SUCH AS SECONDARY TRANSFORMERS, SAFETY DISCONNECTS, WIRE SIZING, UNDERGROUND CONDUIT, ETC., SHALL REMAIN WITH THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE THE LANDSCAPE ARCHITECT AND OWNER SHOP DRAWINGS AND SAMPLES OF ALL SYSTEM COMPONENTS AND THEIR RESPECTIVE MANUFACTURER'S PERFORMANCE DATA PRIOR TO INSTALLATION FOR APPROVAL. AS BUILT DRAWINGS OF ACTUAL INSTALLED SYSTEM TO BE PROVIDED AS PART OF THIS CONTRACT. (REPRODUCIBLE QUALITY)

PROTECTION OF EXISTING LANDSCAPE

ACTUAL LOCATION FOR ALL OUTDOOR LIGHTING SYSTEM COMPONENTS INCLUDING LUMINAIRES AND WIRING RUNS SHALL BE MADE IN THE FIELD WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT.

CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT ROOT SYSTEMS AND BRANCHES OF EXISTING TREES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE INCURRED DURING CONSTRUCTION BY EITHER HIMSELF OR ANYONE UNDER HIS CONTROL.

CHANGES AND SUBSTITUTIONS

CONTRACTOR SHALL SUPPLY UNIT PRICES FOR EACH FIXTURE AND LINEAR FEET OF UNDERGROUND CIRCUIT WIRING WITH CONDUIT SPECIFIED FOR THE PURPOSE OF ADDING TO OR DELETING ELEMENTS SHOWN ON DRAWINGS TO MAXIMIZE DESIGN INTENT AND ADJUST FINAL CONTRACT AMOUNT.

CHANGES IN EXACT FIXTURE LOCATION AND NUMBERS TO REMAIN THE RIGHT OF THE LANDSCAPE ARCHITECT AND OWNER. SUBSTITUTIONS IN EQUIPMENT SPECIFIED MAY BE ALLOWED BY THE APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER.

ADDITIONAL CHARGES FOR CHANGES IN DISTRIBUTION SYSTEM SUCH AS STUB OUTS FOR FUTURE PROJECT PHASING OR ADDITIONAL RUNS FOR FIXTURES ADDED IN THE FIELD SHALL BE BASED ON UNIT PRICE OF DOLLARS PER FOOT SUPPLIED BY CONTRACTOR ON THE BID LIST.

MAINTENANCE AND GUARANTEES

CONTRACTOR SHALL INCLUDE IN THE BID A ONE YEAR GUARANTEE (PARTS AND LABOR) FOR ALL SYSTEM COMPONENTS INCLUDING LAMPS. CONTRACTOR SHALL MAINTAIN AND PROMPTLY REPLACE DEFECTIVE MATERIALS AND LAMPS DURING THE GUARANTEE PERIOD.

NOTES:

ELECTRICAL SUPPLY TO BE OBTAINED FROM EXISTING SERVICE IN SERVICE YARD. FIXTURES SPECIFIED INCLUDE LAMPS, DIRECTIONAL SHIELDS AND GLARE SHIELDS, APPROPRIATE BALLASTS AND MOUNTING ACCESSORIES.

SWITCHING CONTROLS FOR ALL LUMINAIRES SHALL BE PHOTO-CELL WITH MANUAL OVERRIDE LOCATED NEXT TO LANDSCAPE LIGHTING PANEL BOX.

APPROPRIATE SAFETY DISCONNECTS, TRANSFORMERS, CONTACTORS, SYSTEM GROUNDS AND THEIR LOCATION TO BE DETERMINED IN THE FIELD. ALL EQUIPMENT IN THE FIELD TO BE UNDERGROUND, (I.E. CONCRETE PULL BOXES FOR TRANSFORMERS AND PANELS, ETC.) WITH THE EXCEPTION OF BALLASTS AND FIXTURES.

ELECTRICIAN TO SIZE WIRE AND MAKE ANY NECESSARY ADJUSTMENT TO BRANCH CIRCUITRY/PANEL FEED TO ALLOW FOR A 10% INCREASE IN LOAD FOR EACH RUN SHOWN ON THIS DRAWING.

ISSUED FOR BIDS 9-26-94

1754
REGISTERED
LANDSCAPE ARCHITECT

Issued / Revised

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NATIONAL WILDFLOWER
RESEARCH CENTER

Project Name

Project No. 9409

Drawn

Drawing No. 17 of 2

Drawing Title

1" = 30' 0"