*****UNCLASSIFIED*****

NAS OCEANA BALLFIELDS
BALLFIELD LIGHTING

At the

Naval Air Station Oceana,
Virginia Beach, Virginia

PREPARED BY:

NAVFAC MID-ATLANTIC, PWD OCEANA,
Facility Engineering and Acquisition Division (FEAD),
Facility Support Contract Branch (FSCB), PRA23
NAS Oceana, 953 Hornet Drive, Building 820, Suite 213
Virginia Beach, Virginia 23460-2197

Work Package Developer: Paul Eli Vaughan

APPROVED BY:

FSC Branch CAT III/IV Team Lead: Frederick Clark

CLARK.FREDERICK.A.1043499242

Digitally signed by CLARK.FREDERICK.A.1043499242
Date: 2026.04.17 09:25:36 -04'00'

1. POINTS OF CONTACT:

FEAD Contracting Officer:	Tanya Corcoran, (757) 433-2668
FEAD Contract Specialist in charge:	TBD
Work Package Developer:	Paul Vaughan, (757) 433-2649
Facility Maintenance Specialist (FMS):	William Tuner, (757) 433-2878
Activity POC:	Ryan Mason, (757) 433-2049

2. GENERAL:

2.1 The Contractor must provide supervision, labor, material and equipment required to perform all work for the following project: Replace All Ballfield Lights. All work must be done in a manner to provide a complete, usable and finished end product. See paragraph "**7. WORK REQUIREMENTS**" for an expanded and detailed Scope of Work. The Superintendent, Site Safety, Health Officer and QC Manager must be a direct employee of the Prime Contractor.

2.2 The Contractor must comply with the requirements and specifications of the most current Contract.

2.3 A Pre-Proposal site meeting may be scheduled at the project site to review and discuss the Scope of Work and assess existing field conditions, prior to Award of this Task Order.

2.4 Existing reference drawings may be available upon request. Reference drawings must be used for informational purposes only, and may not accurately reflect current as-built conditions. The Contractor must not solely rely on the reference drawings to determine existing conditions, but must field verify all existing conditions pertinent to the project.

2.5 All work must be performed in accordance with, but not limited to, standard industry practices, applicable local, state and federal codes, laws and regulations, contract specifications, Unified Facilities Criteria (UFC's) and Unified Facilities Guide Specifications (UFGS's).

2.6 Supervision: Have a Supervisor fluent in English on the job site during working hours at all times. The Supervisor must be a United States Citizen or a Documented Legal Resident of the United States of America.

3. SPECIAL SCHEDULING REQUIREMENTS/WORK PROCEDURES:

3.1 The project Contract Completion Date **(CCD) must be 120 calendar days** from Award of this Task Order.

3.2 Existing and adjacent spaces to remain in operation during construction must be protected from damage, dust, and debris at all times. Damage to any existing spaces, finishes, items, furniture and equipment, as a result of the Contractor's operations, must be replaced in-kind by the Contractor at no expense to the Government.

3.3 FOD PREVENTION: The Contractor must take any/all measures to prevent the spread of Foreign Object Debris (FOD) adjacent to, or onto runway/taxiway pavements or within active hangar bay areas. The Contractor must take the necessary precautions to fully contain FOD producing operations to the limits of construction as approved by the Contracting Officer and Activity. The Contractor must keep construction work areas clean to prevent the spread of FOD.

3.4 UTILITIES LOCATION AND VERIFICATION (Exterior): Prior to digging, the appropriate digging permit must be obtained. **All underground utilities in the work area must be positively identified by a private utility locating service in addition to any station locating service and coordinated with the station utility department, prior to any digging.** Any markings made during the utility investigation must be maintained throughout the contract. The Contractor must physically verify underground utility locations by hand digging using wood or fiberglass handled tools when any adjacent construction work is expected to come within three feet of the underground system. Digging within 2 feet of a known utility must not be performed by means of mechanical equipment; hand digging must be used. If construction is parallel to an existing utility expose the utility by hand digging every 100 feet if parallel within 5 feet of the excavation.

3.5 In the event that hazardous waste is generated or mobilized, the hazardous waste program manager must be contacted for the appropriate guidance. In addition, any movement of soil/fill material outside of project boundaries, meaning both soil brought onsite and soil from the site relocated to other areas, must be coordinated with the hazardous waste program manager to ensure environmental compliance.

3.6 Pre-Outage Coordination Meeting:
Apply for outages at least 15 days in advance to the Contracting Officer. As a minimum, the request must include the location of outage, areas being affected, duration of outage and any necessary sketches. **Any/all outage requests must be approved by the Contracting Officer prior to starting the work.** Once approved, and prior to beginning work on the system requiring shut down, attend a pre-outage coordination meeting with the Contracting Officer to review scope of work and the lock-out/tag-out procedures for worker protection. No work will be performed on energized electrical circuits unless proof is provided that no other means exist. All expenses incurred for outages shall be the responsibility of the Contractor.

3.7 Control of Hazardous Energy (Lock-out/Tag-out):
Provide and operate a Hazardous Energy Control Program (HECP) in accordance with EM 385-1-1 Section 12, 29 CFR 1910.333, 29 CFR 1915.89, and paragraph HAZARDOUS ENERGY CONTROL PROGRAM (HECP).

3.8 In general terms, demolition work and the use of word “demolish”, must include the removal and effective management and disposal of existing construction and or structures. Contractor must take care to prevent damage to existing utilities and construction that are not scheduled for demolition. If damage occurs, the Contractor must make repairs, or replacement with new, to the satisfaction of the Contracting Officer and at no cost to the Government. Selling of demolished or salvaged materials and equipment on government properties is prohibited.

3.9 Work Hours: The Contractor’s normal working hours must be between 0700 to 1630, Monday through Friday, excluding Federal Holidays. Advance approval is required for contractor personnel to work outside of normal working hours.

3.10 Passes and Badges: All Contractor employees, including subcontractors, and subcontractors’ employees, suppliers, and suppliers’ employees must be required to comply with the Installation Security Requirements regarding personnel, vehicle, equipment, security passes/badges and access to the jobsite. Nothing in the contract must be construed in any way to limit the authority of the Commanding Officer to prescribe new, or to enforce existing security regulations governing the admission or exclusion of persons and the conduct of persons while aboard the station, including but not limited to, the rights of search of all persons or vehicles aboard the station. All Contractor employees/subcontractors must have current and valid government issued Contractor Base Access Passes and Badges, in order to perform work under this contract.

Responsibility for Escorts: **The Contractor must be responsible for coordinating escorts with the Building Activity/Tenant at all times. The Contracting Officer and other NAVFAC personnel "must not" be responsible for the coordination of escorts for Contractor personnel.**

3.11 The Contractor must provide detour signage for redirection of occupants during the entirety of construction.

3.12 To minimize downtime for the area, construction activities may not start until the Contractor provides confirmation of receipt of all new products and materials necessary to complete the work, prior to start of construction.

4. SAFETY:

SAFETY STATEMENT: The contractor shall comply with the most current edition of the USACE EM-385-1-1, OSHA CFR Part 1926; along with all other federal, state, and local laws and regulations. Where differences occur within, the most stringent shall apply.

4.1 Contractor must utilize all safety equipment when operating aerial man lifts, as well as proper signage, barriers to ensure safety of ground workers and pedestrians.

4.2 Contractor shall comply with base fire safety rules when the use of flammable cutting tools are necessary.

5. HAZARDOUS MATERIALS (HAZMAT) DISCLOSURE STATEMENT(S):

HAZMAT STATEMENT: Contractor shall comply with all USEPA and OSHA laws and regulations, along with all other federal, state and local laws and regulations. Where differences occur, the most stringent shall apply.

5.1 For repair, remodeling, or minor construction and demolition, the contractor may be required to work in areas that have, but not limited to, flooring, walls, ceilings, insulation, roofing materials and paints etc., that may contain hazardous materials requiring abatement and/or management according to applicable laws and regulations. If during the performance of the work the contractor encounters hazardous substances not known prior to issuance of this Task Order; the contractor must immediately stop work and inform the Contracting Officer.

6. SUBMITTALS:

6.1 The Contractor must submit the following for government approval, prior to the start of any construction activities:

6.1.1 Manufacturer's Product Data: Submit manufacturer's written detailed product data cut sheets, with instructions for installation, adjustment, cleaning and maintenance instructions.

6.1.2 Contractor shall provide documentation in writing that the new units are equivalent (or superior) in every respect. Written documentation shall contain efficiency of new unit, complete serial numbers and model numbers of proposed equipment.

6.1.3 Manufacturer Warranties: Contractor shall submit to the Government all warranties against defects of equipment, material and workmanship.

6.1.4 Accident Prevention Plan (APP):

6.1.5 Activity Hazard Analysis (AHA):

6.1.6 Quality Control Plan:

7. WORK REQUIREMENTS:

The Contractor shall provide supervision, labor, material, and equipment as required to perform the following work. Work shall be done in a manner to provide a complete, usable, and finished end product.

Unless otherwise stated, all materials, components, and equipment procured and installed by the Contractor shall be equivalent (or superior) in every function and feature to what exists.

All materials, components, and equipment shall be installed in strict adherence to manufacturer's specifications.

Waste lightbulbs (including LEDs) must be managed as universal waste in Virginia, and must be properly disposed. Contact the Oceana Installation Environmental Office (433-3438) prior to work start to ensure appropriate waste management. Universal waste must be disposed of at an authorized, permitted facility. All disposal of universal waste must be manifested and signed by a representative from NAVFAC MIDLANT Environmental Services.

7.1.1 **Prior to performing any work, the Contractor shall properly secure and de-energize all electrical power utilizing OSHA approved Lock Out/ Tag Out procedures as outlined in paragraph 3.7 above.**

7.1.2 The Contractor shall demolish all pole mounted metal halide light fixtures at Ballfields 622, 623, and 631 (approximately 127 lights) providing new LED lights and controls. Details for each field are provided below. (See paragraph 8.1 Location Map).

7.1.3 **Ballfield 622 the Contractor shall:**

7.1.4 Remove and demolish (approximately 41) pole mounted metal halide light fixtures.

7.1.5 Provide and install (approximately 41) new LED light fixtures and mounting hardware in existing locations. (See paragraph 8.4 Light Specifications).

7.1.6 Remove and demolish control enclosure and all electrical components.(See paragraph 8.2 photographs)

7.1.7 Provide and install new NEMA 4x control enclosure in existing location.

7.1.8 Provide and install new control components (control transformer, timed relay, lighting contactor, on/off switch and photo cell) in new NEMA 4x control enclosure.

7.1.9 Timed relay function shall be off delay with adjustable timing range of 0.1-10.0 HRS. (See paragraph 8.3 control diagram). Set range to 10 hours.

7.1.10 The photo cell shall control power source to on/off switch ensuring lights are off during day.

7.1.11 **The Contractor must verify all light fixture and material counts before ordering.**

7.2 Ballfield 623 the Contractor shall:

7.2.1 Remove and demolish existing Osprey nest in accordance with environmental requirements**. "An inactive Osprey Nest is defined as a nest without any eggs or dependents (flightless) young and includes nest under construction. Inactive nest may be removed or relocated at any time without authorization or consultation".**

7.2.2 Remove and demolish (approximately 38) pole mounted metal halide light fixtures.

7.2.3 Provide and install (approximately 38) new LED light fixtures and mounting hardware in existing locations. (See paragraph 8.4 Light Specifications)

7.2.4 Remove and demolish existing 277/480 volt panel and control components.(See paragraph 8.2 photographs)

7.2.5 Provide and install new NEMA 4x enclosure to house new 277/480 volt panel and control components (control transformer, timed relay, lighting contactor, on/off switch and photo cell) in existing location.

7.2.6 Timed relay function shall be off delay with adjustable timing range of 0.1-10.0 HRS. (See paragraph 8.3 control diagram). Set range to 10 hours.

7.2.7 The photo cell shall control power source to on/off switch ensuring lights are off during day.

7.2.8 Existing score board controller must be reinstalled to side of new NEMA 4x enclosure.

7.2.9 **The Contractor must verify all light fixture and material counts before ordering.**

7.3 Running Track 624 the Contractor shall:

7.3.1 Provide and install new LED lights on 2 light poles that were not accounted for on previous Contract.(approximately 4 LED lights) (See paragraph 8.2 photographs) (See paragraph 8.4 Lighting Specifications)

7.3.2 Provide and install photo cell in control enclosure (2 locations) to control power source for on/off switch ensuring lights are off during day.(See paragraph 8.2 photographs)

7.3.3 **The Contractor must verify all light fixture and material counts before ordering.**

7.4 Ballfield 631 the Contractor shall:

7.4.1 Remove and demolish (approximately 48) pole mounted metal halide light fixtures.

7.4.2 Provide and install (approximately 48) new LED light fixtures and mounting hardware in existing locations. (See paragraph 8.4 Light Specifications).

7.4.3 Remove and demolish existing 277/480 volt panel and control components.(See paragraph 8.2 photographs)

7.4.4 Provide and install new NEMA 4x enclosure to house new 277/480 volt panel and control components (control transformer, timed relay, lighting contactor, on/off switch and photo cell) in existing location.

7.4.5 Timed relay function shall be off delay with adjustable timing range of 0.1-10.0 HRS. (See paragraph 8.3 control diagram). Set range to 10 hours.

7.4.6 The photo cell shall control power source to on/off switch ensuring lights are off during day.

7.4.7 Repair broken ridged conduit entering ground from this panel location.(See paragraph 8.2 photographs)

7.4.8 **The Contractor must verify all light fixture and material counts before ordering.**

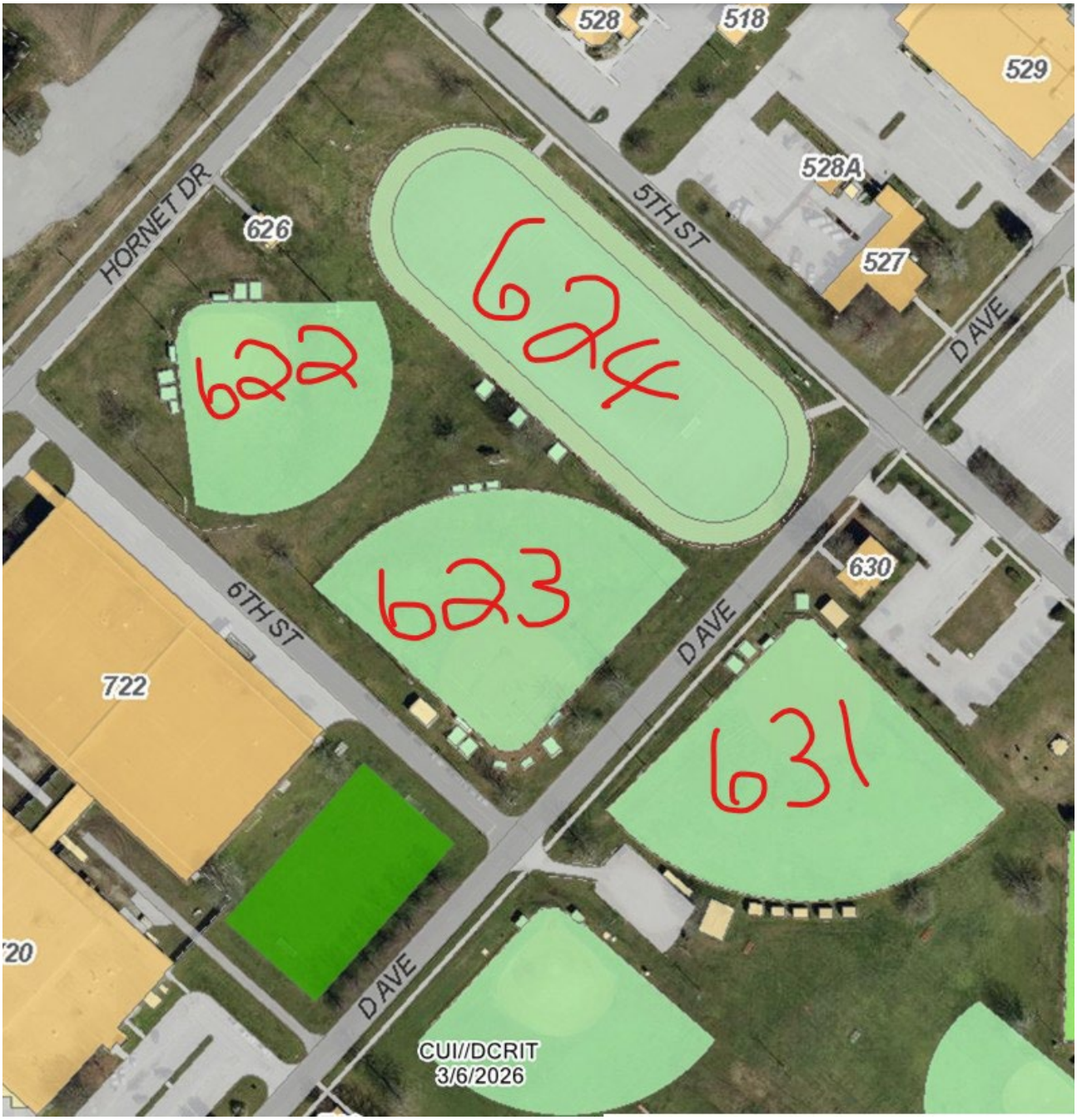
7.5 All information here-in is for reference only. **The Contractor must FIELD VERIFY all existing conditions, prior to fabrication and placing orders for any new items/equipment within this SOW.**

7.6 The Contractor must dispose of all existing demolished/removed materials off base and will completely clean up job site after work is performed. Maintain daily site clean-up at the end of every workday during the entirety of the construction period, to prevent any hazard potential. Disposal must be in accordance with all existing Local, State, Federal and NAVFAC MIDLANT EV rules and regulations.

7.7 The Contractor shall ensure all new equipment information and equipment inventory forms are delivered to the PWD Oceana.

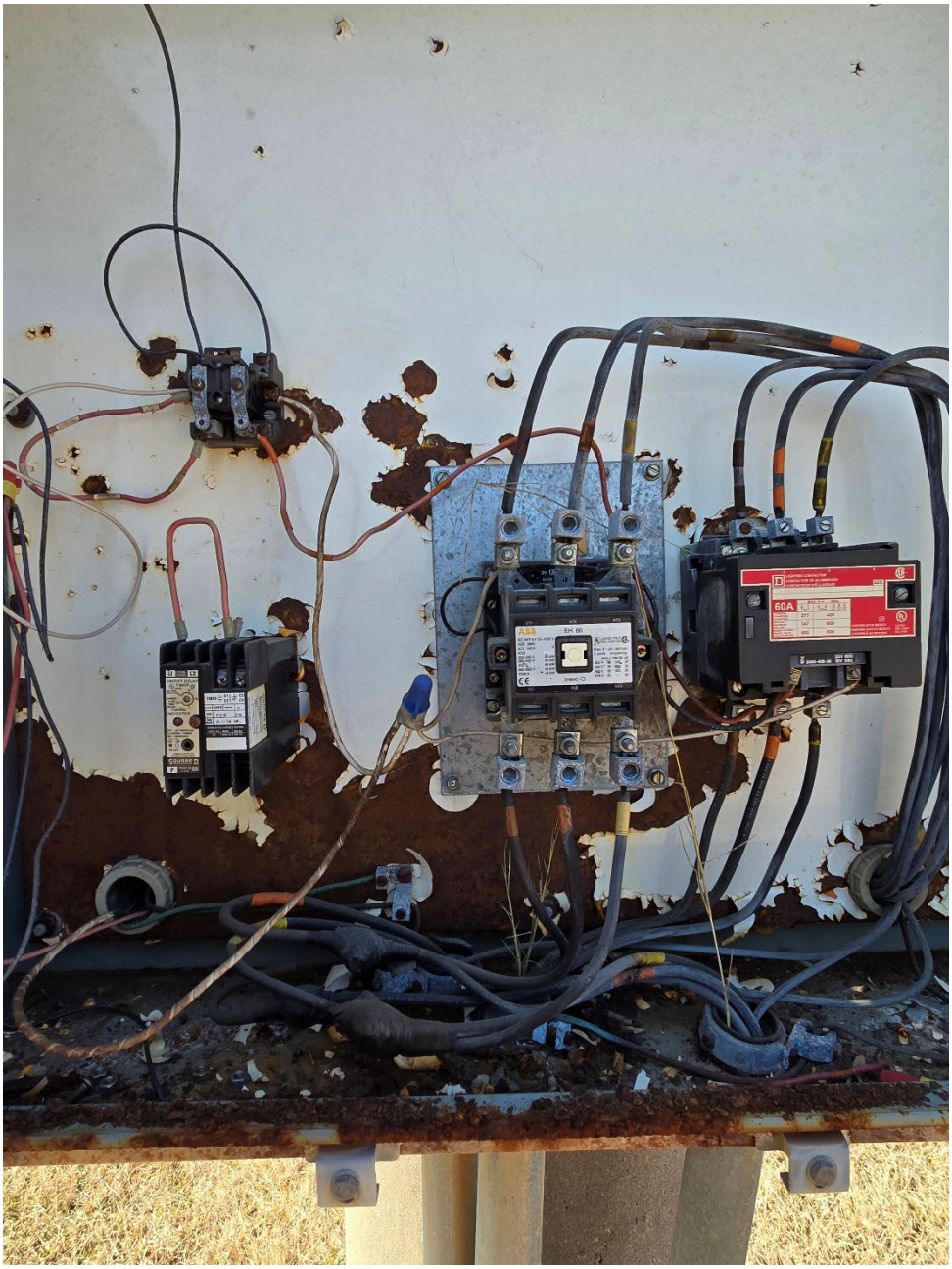
8. ATTACHMENTS (following the Scope of Work):

8.1 Location Map.



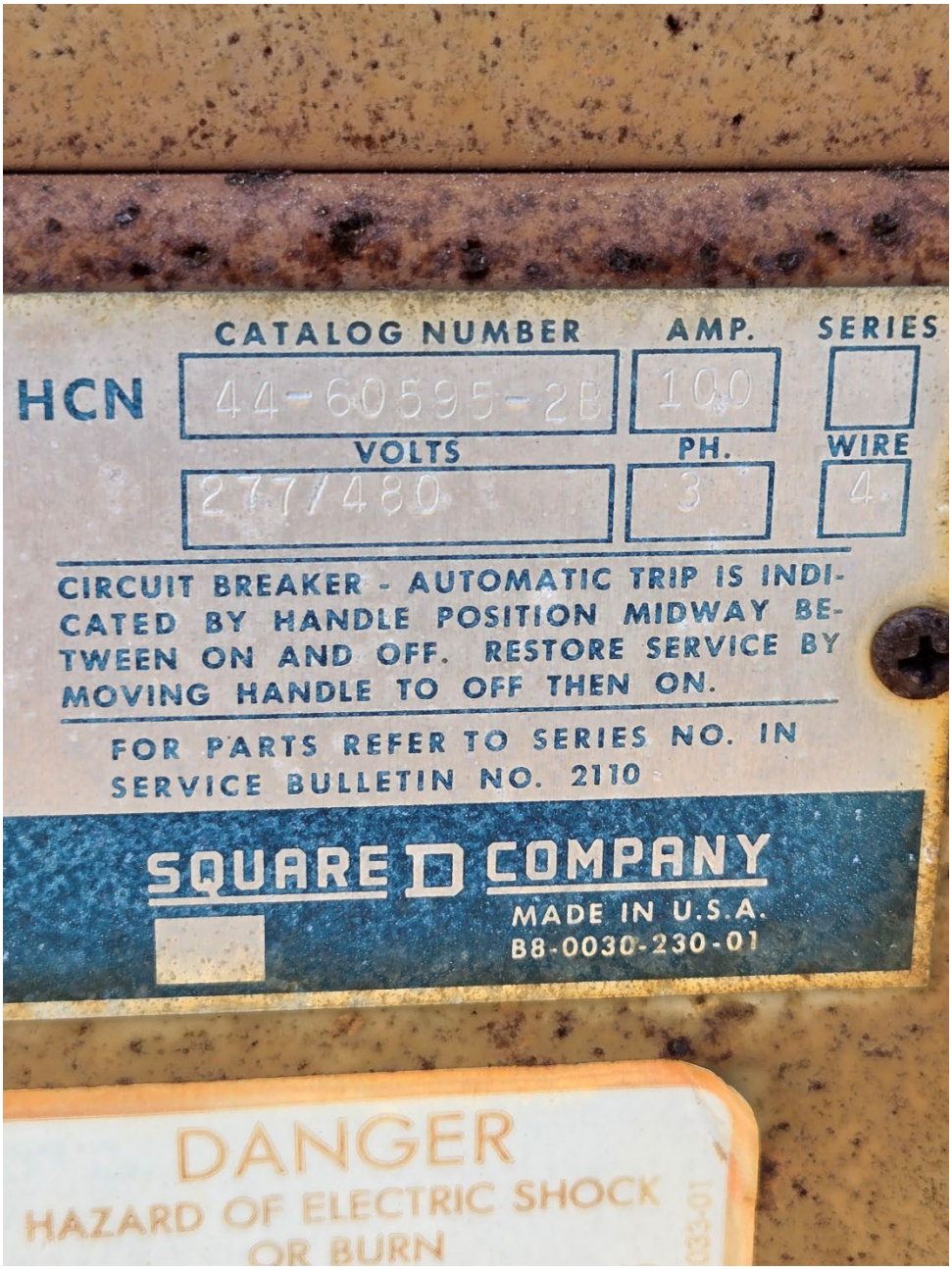
8.2 Photographs.

622
Control Enclosure



622
Control Components

623
Panel and Controls



623 and 631 Panels


624
Add 3 New Lights
622
Replace All Lights

624
Add 1 New Light

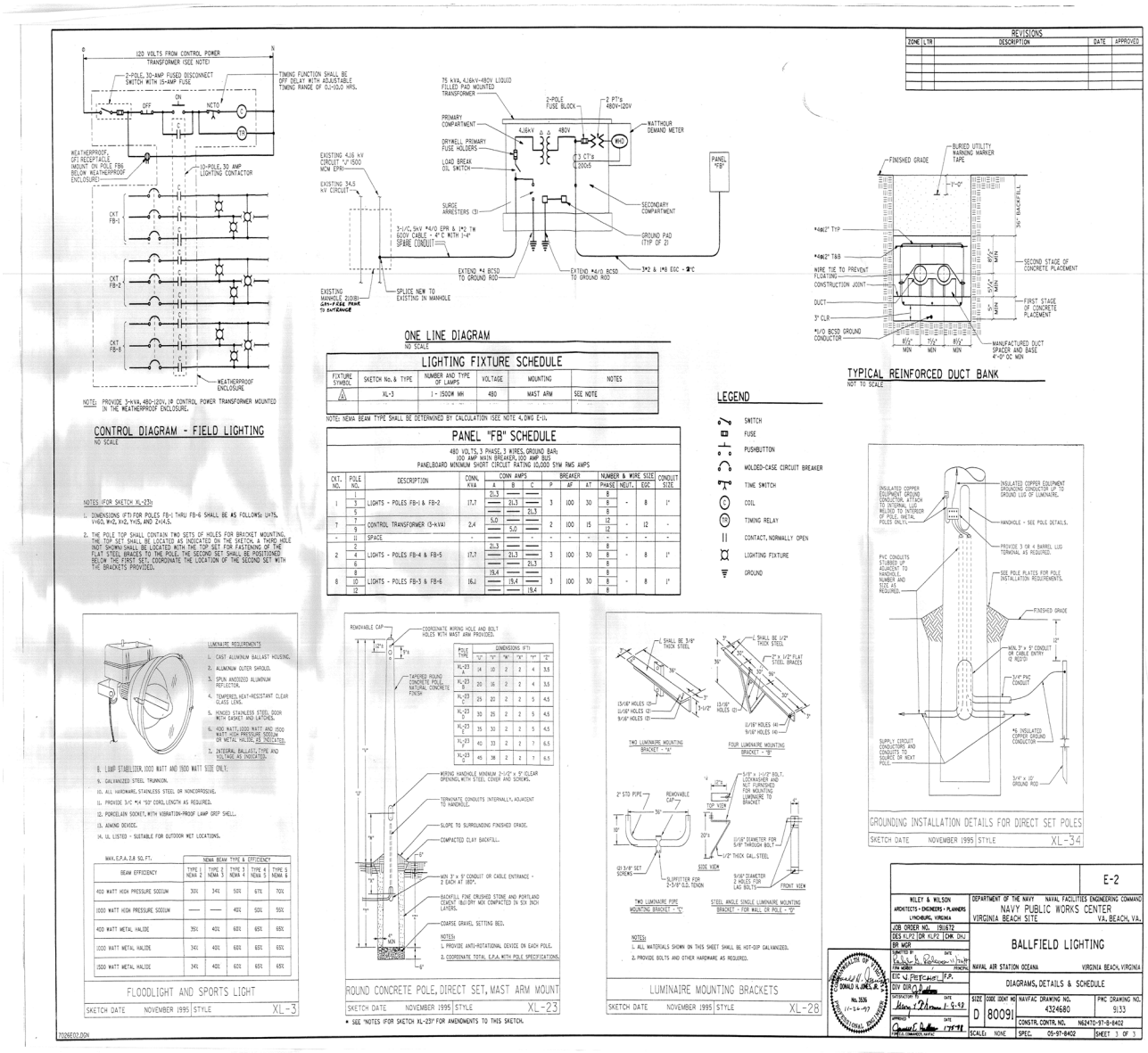
624
Photo Cell Location #1

624
Photo Cell Location #2

631
Panel and Controls


631
Broken Conduit

8.3 Control Diagram.



8.4 Light Specifications.

	Date	Description: APF-500WD-50K-N4-480V	Line Item#:
	Project:		Type:

HYLITE™ LED Lighting

NEXGEN PRODUCTS

Available in Two Popular Lumen Packages with Various NEMA Beam Spreads to suit a Variety of Flood Lighting Applications

• 170+ LpW • IP67 • Glare-Free, UGR <19

AEON PNR SERIES

26 51 00 2.2

With Enhanced Glare-Free Illumination, the AEON PNR Series Flood Light Provides Crisp Illumination, avoiding any Visual Discomfort. AEON's Proprietary Optics produce the Ideal Light Distribution for Variety of Flood Lighting applications, while saving you up to 75% in Energy use compared to Traditional HID Lighting.

Engineered with State-of-the-Art technology for Efficiency, Glare Control, and Uniformity, the AEON features Instant On/Off, Dimming, Full Controllability, High Energy Efficiency, Flicker-Free Lighting and Complete Flexibility.

The AEON delivers Simple, Smart and Easy-to-use Flood Lighting Solutions that provide Advanced Functionality, Versatility and Operational Efficiency.

The Most Efficient & Powerful LED Flood Light in the Industry!

SAVE UP TO 75% ON YOUR ENERGY COSTS

2 Popular Lumen Packages to Suit a Variety of Indoor and Outdoor Applications:

500W: 91,300 Lumens

750W: 113,880 Lumens

DLC PREMIUM

2-for-1 Replacement. More Light Less Luminaires

Illuminating facts about High Performance AEON™ LED PNR Series Flood Light - Better for your Eyes, Better for the Planet.

What makes the AEON™ LED Flood Light your Lighting Solution of Choice?

The Ultimate Flood Light for Versatility

- The Most Powerful Flood Light Luminaire with Highest Reliability Level: Incredibly High 95% Total Efficiency and with Highest Efficacy in its own Class: Up to 170 Delivered LpW. More Light with Fewer Luminaires.
- Heavy-Duty, Lightweight and Durable Die-Cast Design for High Wear Resistance: Withstands Harsh, Extreme Outdoor Conditions and Corrosive Environments.
- Proprietary Thermal Efficient Design with Passive Cooling Maximizes Heat Dissipation for Longer Life of the Luminaire. Designed for Greater Life Expectancy in Warmer Climates.
- Patented Revolutionary Aerodynamic Design for Minimal Wind Resistance.
- State-of-the-Art, Aesthetically Pleasant Compact Design with No Exposed Electronics or Wiring. Rugged, Weather-tight Design, IP67 (NEMA 4X) Rated for Wet location.
- Available with Optional Tempered Glass Lens for additional Safety and UV Protection.
- Patented Cross-Vent Convection Design for Longer Life of LED Package and Electronic Components.
- Adjustable in 7.5° Increments: 0-90° Orient and 270° Tilt Angle.
- Proprietary Glare-Free Illumination: No Uncomfortable Sensation. UGR <19.
- Precise, Custom-engineered Optics with Controlled Intensity and Uniformity: Maintains Consistent Delivered Foot Candles over Luminaire's Life.
- High Color Rendition showing True Colors: CRI >85+.
- Proprietary Design offers Uniform and Constant Light Levels throughout the Life of the Luminaire with Minimal Lumen Depreciation.
- Avoids Light Pollution and Trespass: Optical Accuracy. Directs Light precisely where needed without Spill.
- Advance Technology for Luminaire Longevity: Integrated Power Supply Operates at Lower Temperature and at Incredible 95% Efficiency.
- Technology within the Luminaire: No Outside Exposure to any Sensitive Electronic Components.
- Ultra-Low EMI eliminates Electrical Interference with surrounding Electronic Systems.

Proprietary & Patented Designs!

98% RECYCLABLE

NO LEAD, MERCURY, TOXIC GASES OR HEAVY METALS

100% Project Financing Available

Additional Options available:

- Full RGB Colors and DMX Controls
- Extended Warranty
- Complete Package with Poles, Cross-Arms & Platforms

Designed, Engineered & Assembled in the USA

	Date:	Description: APF-500WD-50K-N4-480V	Line Item#:
	Project:		Type:

HYLITE™ LED Lighting

Enjoy a Drastic Reduction in your Monthly Utility Bill and Eliminate Costly Maintenance Expenses. AEON™...a Favorable Impact on your Bottom-line.

AEON™ PNR SERIES

26 51 00 1.5.2

AEON Model	Watts	Delivered Lumens	HID Equivalent	Energy Savings*	Current Draw (mA) 120V	208V	240V	277V	347V	480V	Net Weight	EPA (Sq. Ft.)
HL-APF-500WD HL-APF-500WD-TG	500W	91,300	2000W	75%	4386	2530	2193	2006	1601	1157	42 lbs. (19 Kg.) 47 lbs. (21.4 Kg.)	2.25
HL-APF-750WD HL-APF-750WD-TG	750W	113,880	3000W	75%	6579	3796	3289	3008	2402	1736	45 lbs. (20.5 Kg.) 51 lbs. (23 Kg.)	2.25

TG = With Tempered Glass Lens

* Does not include Ballast Loss, Maintenance, Replacement Lamp Savings and Disposal Costs which amount to an additional Savings of 30–60%!

2 Popular Lumen Packages to Suit a Variety of Indoor and Outdoor Applications

NEXGEN PRODUCTS

2-for-1 Replacement. More Light Less Luminaires

AEON™ Proprietary Glare-Free LED Optics

Standard LED Optics

- Rugged, Durable and Compact Luminaire stands up to the most demanding Elements and is Excellent for use in Hot & Humid Climates and Suitable for use in Corrosive Environments.
- UV Stabilized Electrostatic Finish and Stainless Steel Hardware to withstand Extreme Outdoor Conditions.
- Neighborhood-Friendly: No Spillage or Sky Glow.
- Incredibly Long-Life Span of over 100,000 Hours.
- Save Labor Cost Significantly: Quick & Easy Installation Process.
- Simple, Reliable, and Affordable, Maintenance-free Design.
- Advanced Functionality and User Friendly with Quick Connect System.
- Solid-State: No Moving Parts. Ideal for High Vibration Areas (ANSI C136.31, 3G Rated).
- Standard Included: Instant On/Off, Continuous Dimming, Prewired Sheathed Cord, and 3.3 ft. (1M) Stainless Steel Safety Cable.
- Multi-Voltage: Available in 120-277VAC and 347-480VAC.
- 6kV (Line-Line) and 10kA/20kV (Line-Ground) Surge Protection against Over Voltage, Short Circuit, and Over Temperature.
- Suitable for Ambient Temperatures: -40°F~+122°F (-40°C~+50°C).
- RoHS Compliant: No Lead, Mercury, Toxic Gases or any Hazardous Materials. Facilitates LEED® points.
- Environmentally Friendly: 98% Recyclable.
- Low Total Cost of Ownership. Shortest Payback Period and a High ROI.
- Meets/Exceeds National and International Standards

Multi-Voltage Options
120-277VAC / 347-480VAC

SAVE UP TO 75% ON YOUR ENERGY COSTS

Shown with Optional Tempered Glass Lens

98% RECYCLABLE

NO LEAD, MERCURY, TOXIC GASES OR HEAVY METALS

As part of the company's continuous product improvement program, HyLite reserves the right to change materials or modify the design of its product without notification. All Specifications subject to change without notice. All values are design and/or typical values when measured under laboratory conditions. Actual Values depend upon the ambient temperature of the installation location. Please consult factory for your specific requirements.

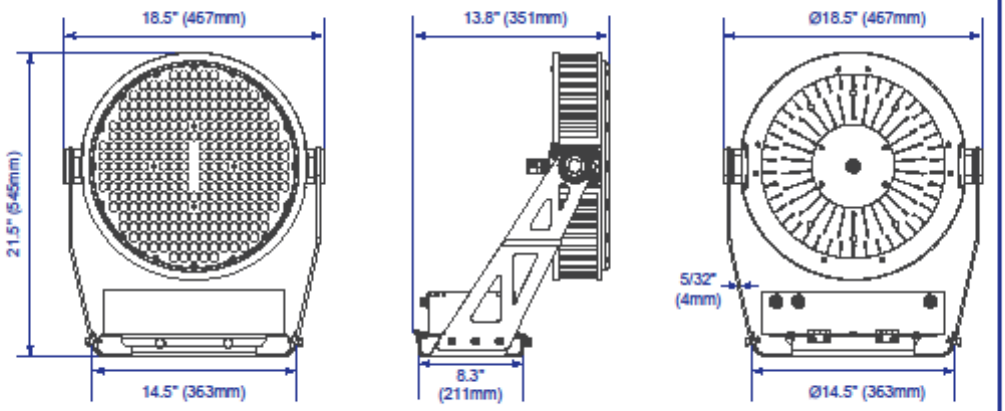
	Date	Description: APF-500WD-50K-N4-480V	Line Item#:
	Project		Type:

HYLITE™ LED Lighting

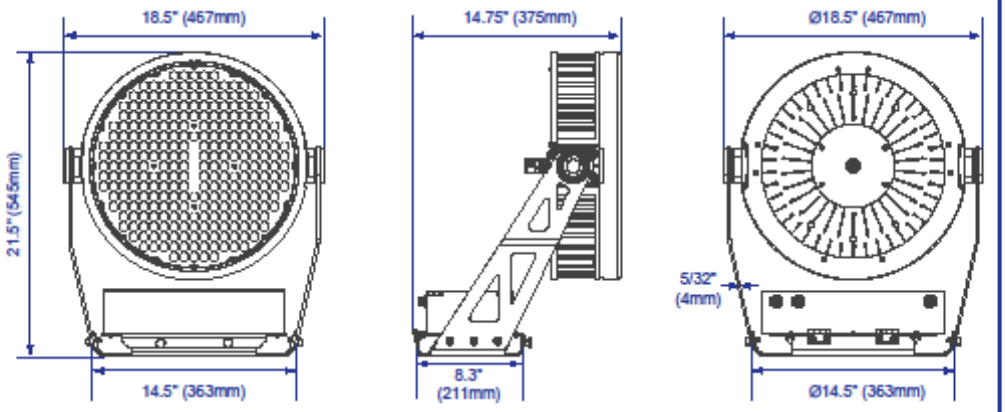
2S 51 00 1.5.1

AEON PNR SERIES

APF-500 and APF-750W Dimensions with Polycarbonate Lens



APF-500 and APF-750W Dimensions with Tempered Glass Lens



Ordering Nomenclature:

HL	–	APF	–	500WD	–	50K	–	N4	–	277V	–	WH	–	TG
COMPANY		SERIES		WATTS		CCT		NEMA SPREAD		VOLTAGE		COLOR		OPTIONS
				500WD 750WD		40K = 4000K 50K = 5000K 57K = 5700K		3 4 6		277V = 120V-277V 480V = 347V-480V		WH = White BZ = Bronze GY = Gray BK = Black		See Options, below

Options:
TG Tempered Glass
PCR-7 Photo Control Receptacle Kit Only (Photocell not included)

Important Note:
Standard CCT: 5000K
Other CCT'S available as "Special Order" only and with Longer Lead Times

Important Note:
Standard Color: Signal White. Other Colors available as "Special Orders" only and with Longer Lead Times

For more information, please visit: https://aeonledlighting.com/

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End of SCOPE OF WORK