



CITY OF BUNKER HILL VILLAGE
APPLICATION FOR
SPECIFIC USE PERMIT

RECEIVED

RECEIVED

Entity Making Application Memorial Drive Presbyterian Church

Representative's Name: Michelle Carter with Merriman Holt Powell Architects

Mailing Address: 3900 Essex Lane, Suite 200, Houston, Texas Zip: 77027

Property Address (If Different): 11612 Memorial Drive, Houston, Texas 77024

Phone: 713-540-3191 Email: mcarter@mhparch.com

Category of Project (See 8.02 Below) Church A Zoning District A B

Description of Project ~~Replacement of existing signs (3 Total),~~ New pickleball courts (2 Total) with covered structure and site amenities.

Not in this Ordinance

May 23, 2023 Key

(This description may be used for all meeting and public notices)

Comments for Consideration of the Application: ~~The proposed project is replacing the existing signage in the same location. They are all two sided and will have new foundations with digital signs similar to the existing. See drawings.~~

The new pickleball court will be constructed over the asphalt parking lot. Additional asphalt is being removed so that there will be not additional impervious cover added. There will be a small pavilion added for sun shade. The parking calculations will still be met with the removal of the 19 spaces.

Michelle Carter

3/29/2023

Signature of Applicant

Date

Attachments as applicable:

- Site Plan
- Any Additional Information

A fee of \$1,000.00 is required for processing



CITY OF BUNKER HILL VILLAGE
ZONING ORDINANCE EXERPT
SPECIFIC USE PERMIT

§ 8.01. - Purpose.

The purpose of the regulations described in this article is to allow within the city the proper integration of uses which may be suitable only in specific locations within the city's two (2) zoning districts.

§ 8.02. - Uses requiring permits.

In addition to the certificate of zoning compliance called for in this ordinance, a specific use permit shall be required before any of the following specific uses will be permitted within either of the two (2) zoning districts of the city:

- A. *Churches.* Churches or other places of religious worship.
- B. *Subdivision or homeowner association recreation centers.* Subdivision or homeowners association swimming pools and recreation centers.
- C. *Utility regulator stations.* Gas, electric, or public utility regulator stations.
- D. *Telecommunications facilities.* Buildings, equipment, transmission/receiving towers, and other necessary ancillary structures of telecommunications providers. Provided, however, no specific use permit for a telecommunications facility shall be approved if:
 - 1. The proposed facility would adversely affect the residential integrity of adjacent or area neighborhoods;
 - 2. The proposed facility would create visual blight;
 - 3. The proposed facility would create noise or light pollution; or
 - 4. The proposed facility would create a nuisance to adjacent or area properties; and
 - 5. The applicant is unable to establish that it cannot provide service to the city from other available locations or existing facilities;
 - 6. The proposed facility would fail to utilize state of the art technology to achieve the above objectives; or
 - 7. The proposed facility would fail to comply with all safety standards promulgated by the Federal Communications Commission, or other agency having jurisdiction thereover.Provided further, each applicant for a specific use permit shall demonstrate that in designing the proposed telecommunications facility it has utilized state of the art technology to minimize adverse effects to the residential integrity of surrounding or area residential properties. In addition, each facility authorized hereby shall comply fully with all applicable safety standards established or hereafter promulgated by any state or federal law, or agency rule or regulation, applicable thereto.
- E. *Educational facilities.* Public or private, primary or secondary institutions of learning.

(Ord. No. 97-200, § 1, 8-19-97; Ord. No. 11-404, § 2, 9-20-11)

§ 8.03. - Procedure.

A specific use permit is an amendment to the district regulations of this ordinance and permits the permanent establishment of a specific use within a zoning district. The following conditions and procedures shall attend an application for a specific use permit:

- A. *Amendment required.* The director of public works shall not issue a certificate of zoning compliance for such specific uses as may be hereafter created, changed, converted, or enlarged, in whole or in part, until and unless a specific use permit has been obtained in accordance with the amendment procedures set forth in article XIII of this ordinance.
- B. *Application requirements.* Application for a specific use permit shall be made by the property owner or his or its certified agent or representative to the planning and zoning commission on forms prescribed for that purpose by the city council. Such application shall be accompanied by a plot plan as set forth in section 10.04 of this ordinance. Specific use permits, revocable, conditional, or valid for a term period, may be issued for any of the uses or purposes for which such permits are required or permitted by the terms hereof. Granting a specific use permit does not exempt the applicant from complying with the requirements of the building code and all other ordinances of the city.
- C. *Considerations.* In considering any application for a specific use permit, the planning and zoning commission shall give due regard to the nature and condition of all adjacent land, uses, and structures. Such commission may recommend disapproval of an application for a specific use permit or approval subject to such requirements and conditions with respect to location, construction, maintenance, and operation, in addition to the regulations of the district in which the particular use is located, as it may deem necessary for the protection of adjacent properties and the public interest.

§ 8.04. - Planning and zoning commission report.

Before any specific use is permitted in the applicable zoning district, a report from the planning and zoning commission must be directed to the city council accompanied by the commission's recommendation for approval or denial. The report shall include, but need not be limited to, the following:

- A. *Ingress and egress.* Ingress and egress to the property and proposed structures thereon, with particular reference to automobile and pedestrian safety and convenience, traffic flow and control, and access in the event of fire or other catastrophe.
- B. *Off-street parking.* Off-street parking and loading areas where required, with particular attention to the items set forth in subsection A of this section, and the economic, noise, glare, and other affects [effects] of the specific use on adjoining properties and other properties generally in the district and city.
- C. *Service areas.* Refuse and service areas, with particular reference to the items set forth in subsections A and B of this section.

- D. *Utilities.* Utilities with reference to location, availability, and compatibility.
- E. *Screening and buffering.* Screening and buffering, either or both, with reference to type, dimensions, and character.
- F. *Signs and lighting.* Sign location and size, proposed exterior lighting with reference to glare and traffic safety and compatibility and harmony with adjacent property and other properties generally in the district and city.
- G. *Yards and open spaces.* Landscaping and required yards, open spaces, and building setback lines.
- H. *Compatibility.* General compatibility with adjacent properties and other properties in the district and city.
- I. *Conformity.* The conformity of the proposed use with the requirements and intent of this ordinance and the comprehensive plan of the city.

§ 8.05. - City council action.

The city council may accept or reject the recommendation of the planning and zoning commission and in conjunction therewith may grant or deny the application for a specific use permit. Every specific use permit granted by the city council shall be considered an amendment to this ordinance, as applicable to such property. In granting such permit, the city council may impose conditions which must be complied with by the grantee thereof before a certificate of zoning compliance may be issued by the director of public works for the use of the buildings and structures on such property pursuant to said specific use permit. Such conditions shall not be construed as conditions precedent to the granting of the specific use permit, but shall be construed as conditions precedent to the granting of a certificate of zoning compliance. Following the passage of a specific use permit ordinance by the city council, the director of public works may issue a building permit for the pertinent property as provided in article X hereof, and shall insure that development of such property is undertaken and completed in accordance with such specific use and building permits.

Cross reference— City council, § 2-26 et seq.

MEMORIAL DRIVE

EXISTING
PARKING

EXISTING
FENCE

PICKLEBALL COURT,
FENCE & PAVILION
SEE ENLARGED PLAN

EXISTING
PARKING

47'-0"
TO COURT

38'-0"

EXISTING CHURCH
FENCE

BYLANE DR.

25'-0"

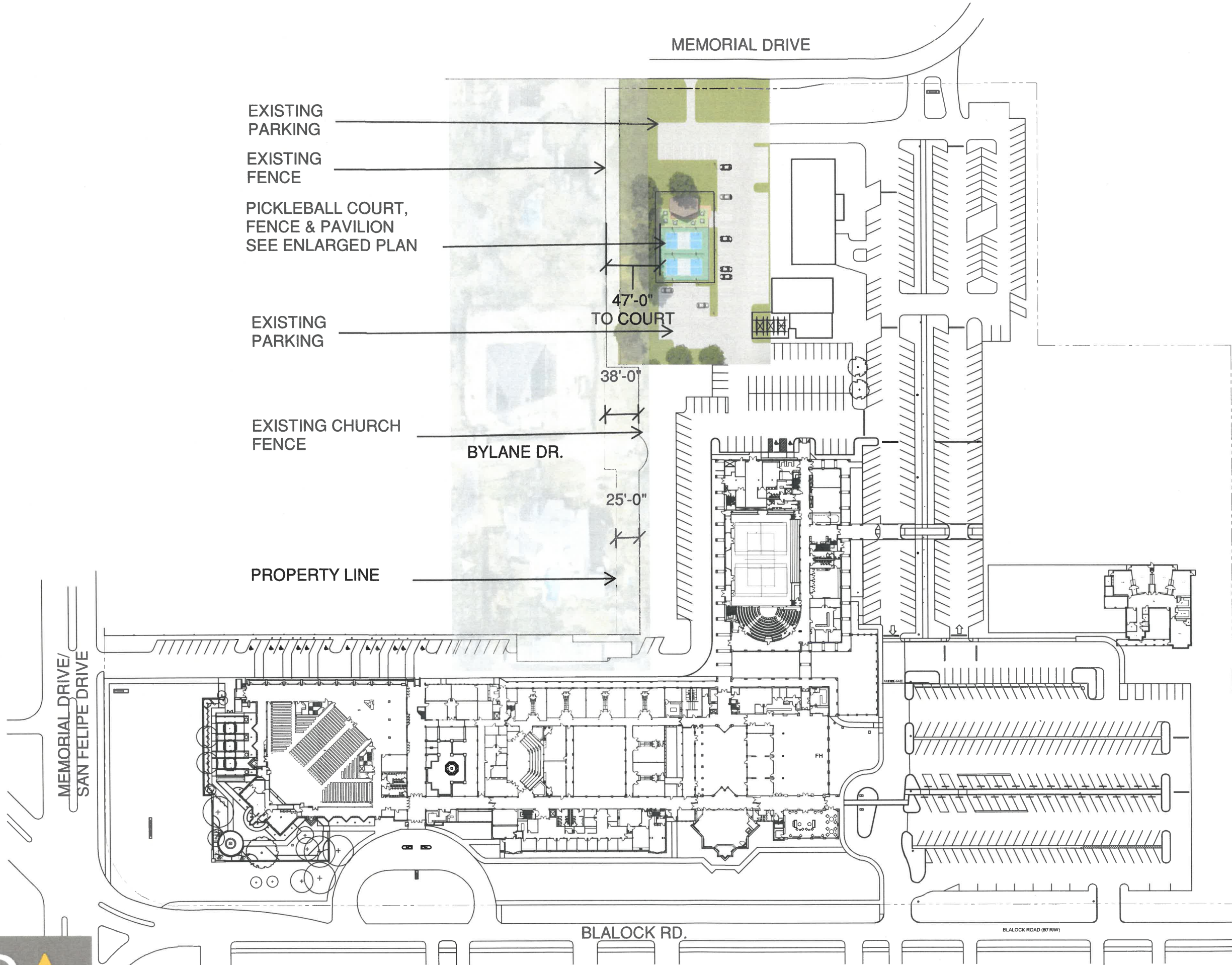
PROPERTY LINE

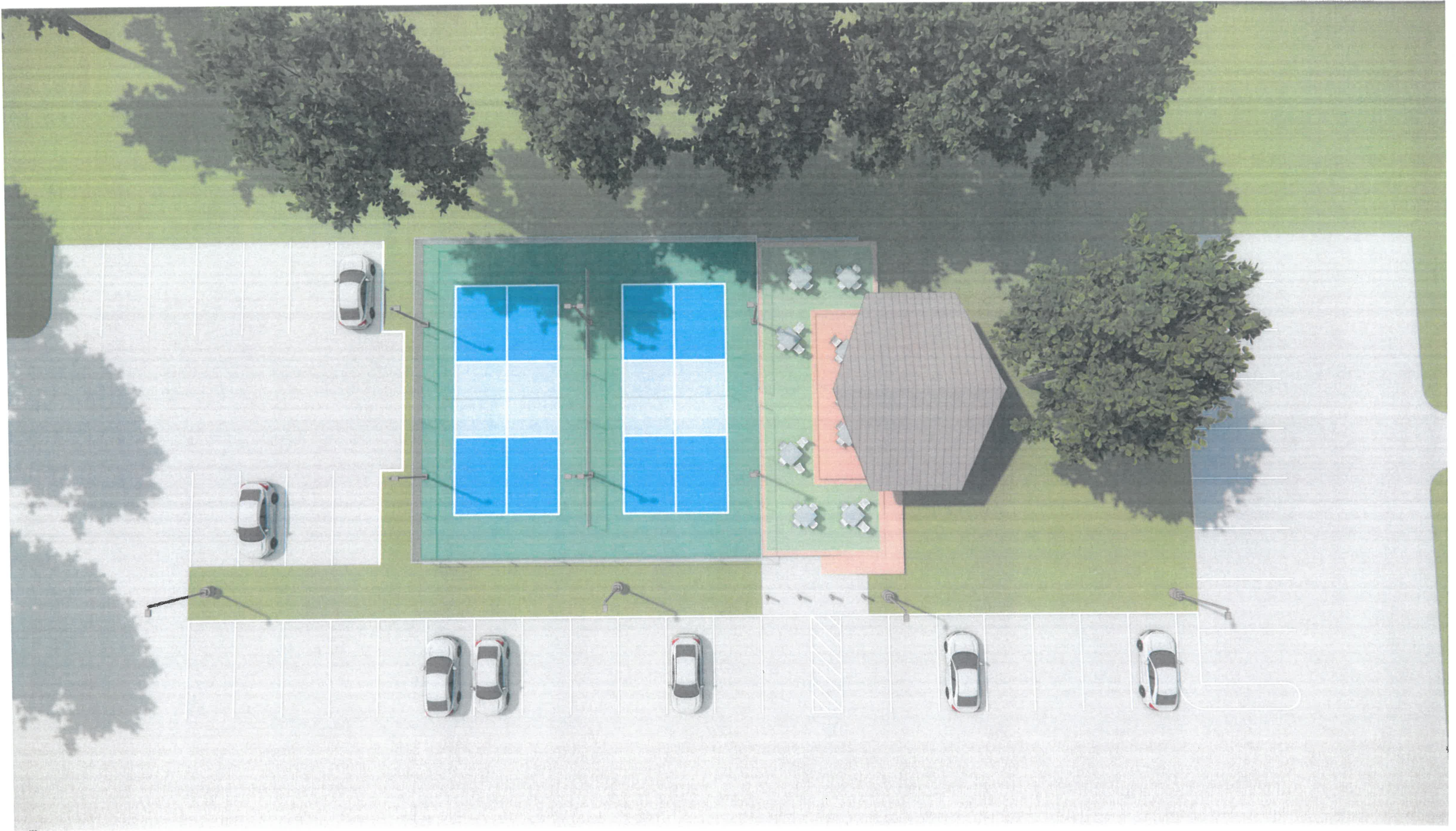
MEMORIAL DRIVE/
SAN FELIPE DRIVE

BLALOCK RD.

BLALOCK ROAD (87' RW)

SITE PLAN
NTS





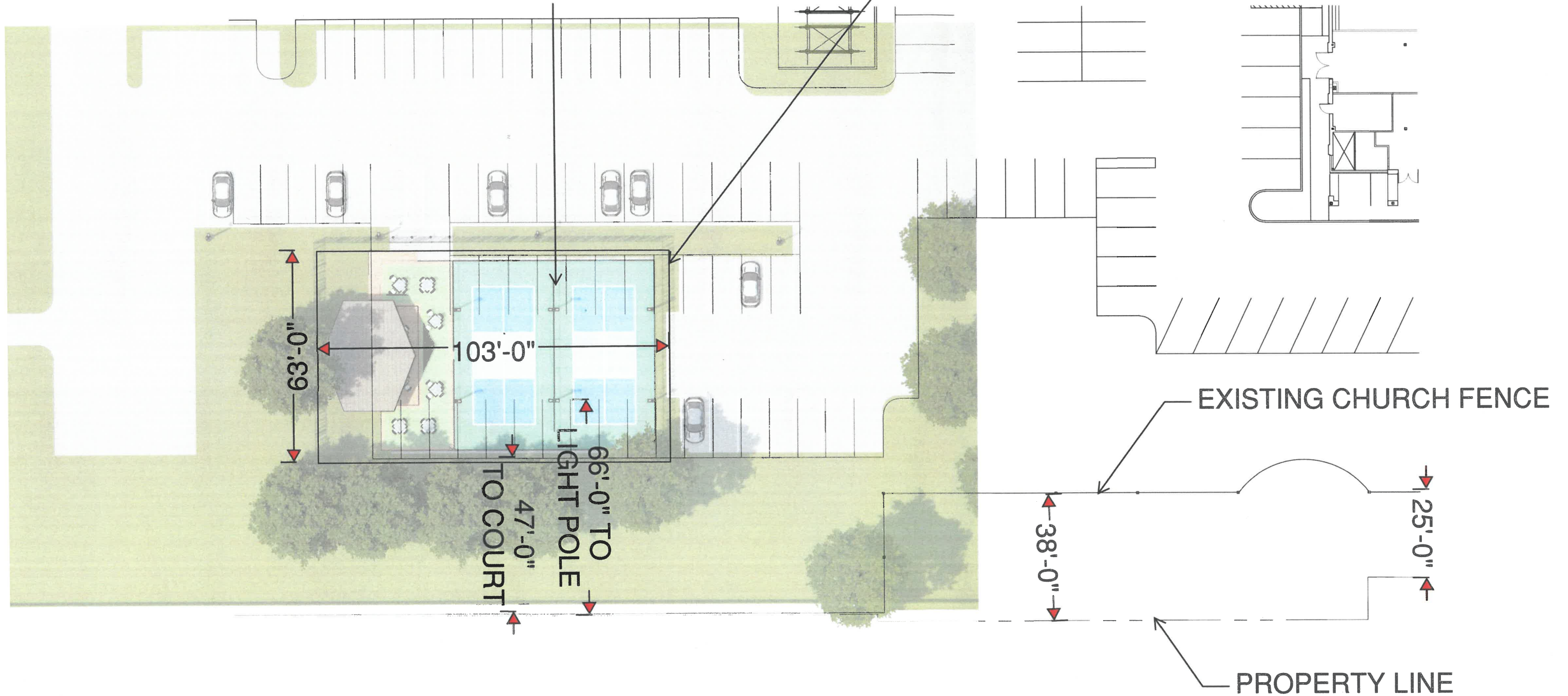


COURT FENCE
4'-0" VINYL COATED CHAIN LINK FENCE
W/ OPENINGS AS REQUIRED

AROUND BOTH COURTS & BETWEEN - MIN.
OF 3'-0" INSIDE THE SECURITY FENCE

SECURITY FENCE
8'-0" WROUGHT IRON TO MATCH EXISTING
(METAL PICKET, 4" OC, WITH HORIZONTALS
@ TOP & BOTTOM

FENCE AROUND PAVILION & COURTS



USERS: 50 IN THE PAVILION WITH 8 PLAYERS

NOTE: HOURS OF OPERATION - 8:00 AM TO 10:00 PM
LIGHTING FROM DUSK TO 10:00 PM AND SECURITY
GATES WILL BE LOCKED

ENLARGED SITE PLAN
1:30



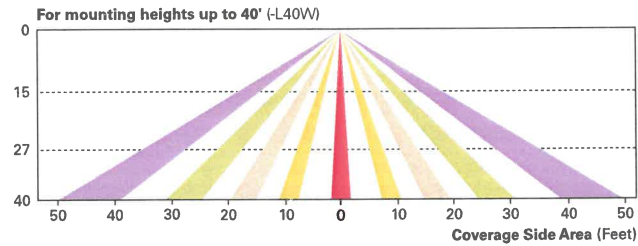
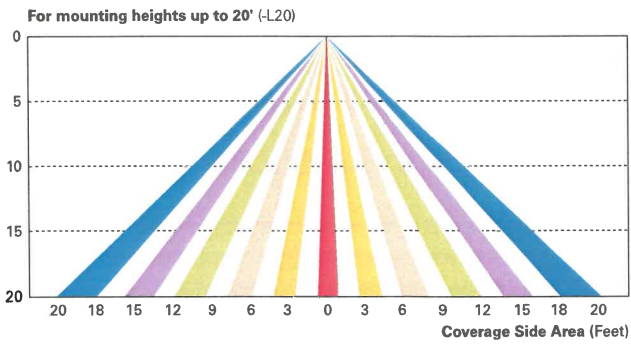
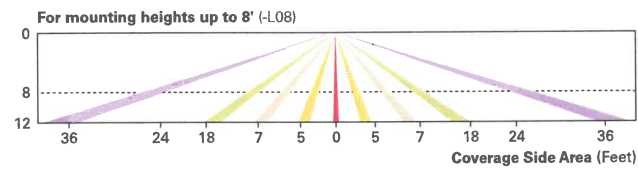
Control Options

0-10V This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

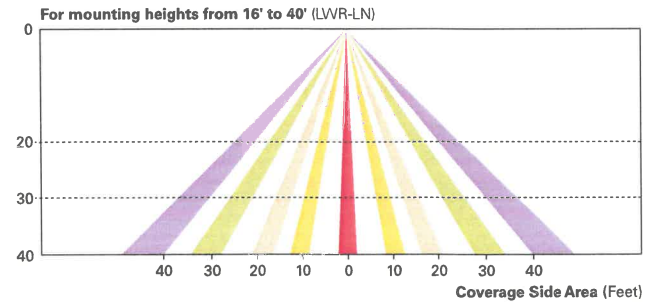
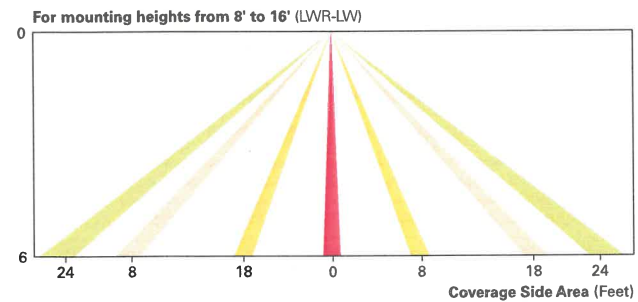
Photocontrol (BPC, PR, and PR7) Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable “dusk-to-dawn” lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

After Hours Dim (AHD) This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a “dusk-to-dawn” period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (SPB, MS/DIM-LXX and MS-LXX) These sensors are factory installed in the luminaire housing. When the SPB or MS/DIM sensor options are selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. SPB motion sensors require the Sensor Configuration mobile application by Wattstopper to change factory default dimming level, time delay, sensitivity and other parameters. Available for iOS and Android devices. The SPB sensor is factory preset to dim down to approximately 10% power with a time delay of five minutes. The MS/DIM occupancy sensors require the FSIR-100 programming tool to adjust factory defaults.



Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN) The Enlighted control system is a connected lighting solution, combining LED luminaires with an integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes while collecting valuable data about building performance and use. Software applications utilizing energy dashboards maximize data inputs to help optimize the use of other resources beyond lighting.



WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A) The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

Project		Catalog #		Type	
Prepared by		Notes		Date	



McGraw-Edison GPC Galleon Pedestrian Companion

Area / Site Luminaire

Product Features



Product Certifications



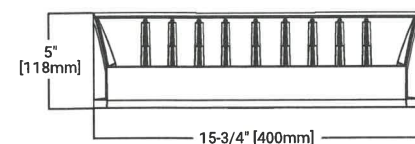
Interactive Menu

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- Product Specifications [page 2](#)
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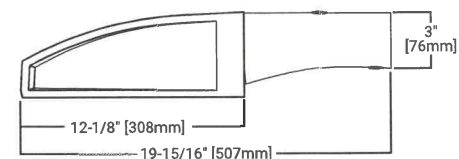
Quick Facts

- Choice of sixteen high-efficiency, patented AccuLED Optics
- Quick mount pole or mast-arm mounting configurations
- Eight lumen packages from 3,215 up to 17,056 lumens
- IP66 rated housing and LED light squares

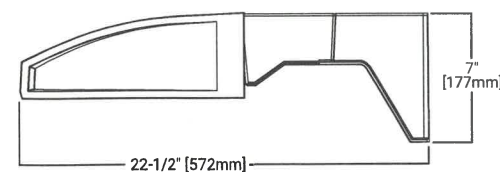
Dimensional Details



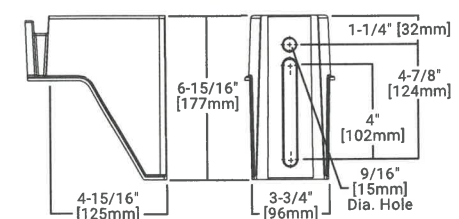
Mast Arm Mount



Quick Mount Arm



Quick Mount Arm (Pole Mounting Details)



EPA

Effective Projected Area (Sq. Ft.)	
Quick Mount Arm	0.73
Mast Arm	0.62

Weight

Approximate Net Weight
27 lbs. (12.2 kgs.)

NOTES:
1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified for 3000K CCT and warmer only.

Ordering Information

SAMPLE NUMBER: GPC-SA2C-740-U-T4FT-GM

Product Family	Light Engine		Color Temperature	Voltage	Distribution	Mounting Options	Finish
	Configuration	Drive Current					
GPC =Galleon Pedestrian Companion BAA-GPC =Galleon Pedestrian Companion, Buy American Act Compliant ²⁴ TAA-GPC =Galleon Pedestrian Companion, Trade Agreements Act Compliant ²⁴	SA1 =1 Square SA2 =2 Squares ²	A =615mA B =800mA C =1000mA D =1200mA ⁴	722 =70CRI, 2200K 727 =70CRI, 2700K 730 =70CRI, 3000K 735 =70CRI, 3500K 740 =70CRI, 4000K 750 =70CRI, 5000K 760 =70CRI, 6000K 827 =80CRI, 2700K 830 =80CRI, 3000K AMB =Amber, 590nm ^{3,4}	U =120-277V 1=120V 2=208V 3=240V 4=277V 8=480V ^{6,7} 9=347V ⁶ DV =277-480V DuraVolt Drivers ^{7,8,26}	T2 =Type II T2R =Type II Roadway T3 =Type III T3R =Type III Roadway T4FT =Type IV Forward Throw T4W =Type IV Wide SL2 =Type II w/Spill Control SL3 =Type III w/Spill Control SL4 =Type IV w/Spill Control SLL =90° Spill Light Eliminator Left SLR =90° Spill Light Eliminator Right RW =Rectangular Wide Type I SNQ =Type V Square Narrow 5MQ =Type V Square Medium 5WQ =Type V Square Wide AFL =Automotive Frontline	QM =Quick Mount Arm for Round or Square Pole ^{2,13} MA =2-3/8" Mast Arm ^{2,14}	AP =Grey BZ =Bronze BK =Black DP =Dark Platinum GM =Graphite Metallic WH =White
Options (Add as Suffix) ¹		Controls and Systems Options (Add as Suffix)		Accessories (Order Separately) ²⁵			
F =Single Fused (120, 277 or 347V. Must Specify Voltage) FF =Double Fused (208, 240 or 480V. Must Specify Voltage) 10K =10kV Surge Module 20K =20kV UL 1449 Fused Surge Protective Device DIM =External 0-10V Dimming Leads ^{9,10} L90 =Optics Rotated 90° Left R90 =Optics Rotated 90° Right HSS =Factory Installed House Side Shield ²² GRSBK =Factory Installed Glare Shield, BK ^{4,27} GRSWH =Factory Installed Glare Shield, WH ^{4,27} UPL =Uplight Housing ¹³ HA =50°C High Ambient ¹² LCF =Light Square Trim Plate Painted to Match Housing ²² MT =Factory Installed Mesh Top CC =Coastal Construction finish ⁵ CE =CE Marking and Small Terminal Block ²⁴ AHD145 =After Hours Dim, 5 Hours ¹⁶ AHD245 =After Hours Dim, 6 Hours ¹⁶ AHD255 =After Hours Dim, 7 Hours ¹⁶ AHD355 =After Hours Dim, 8 Hours ¹⁶ DALI =DALI Driver ¹¹		BPC =Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) PR =NEMA 3-PIN Twistlock Photocontrol Receptacle PR7 =NEMA 7-PIN Twistlock Photocontrol Receptacle ¹⁵ FADC =Field Adjustable Dimming Controller ¹⁹ SPB1 =Dimming Occupancy Sensor with Bluetooth Interface, <8' Mounting ^{19,23} SPB2 =Dimming Occupancy Sensor with Bluetooth Interface, 8'-20' Mounting ^{19,23} SPB4 =Dimming Occupancy Sensor with Bluetooth Interface, 21'-40' Mounting ^{19,23} MS-LXX =Motion Sensor for On/Off Operation ^{17,18,19} MS/DIM-LXX =Motion Sensor for Dimming Operation ^{17,18,19} ZW =WaveLinX-enabled 4-PIN Twistlock Receptacle ^{29,30} ZD =WaveLinX Module with DALI driver and 4-PIN Receptacle ^{29,30} SWPD4XX =WaveLinX Sensor Only, 7'-15' ^{21,32} SWPD5XX =WaveLinX Sensor Only, 15'-40' ^{21,32} WOBXX =WaveLinX Sensor with Bluetooth, 7'-15' ^{21,32} WOFXX =WaveLinX Sensor with Bluetooth, 15'-40' ^{21,32} LWR-LW =Enlightened Wireless Sensor, Wide Lens for 8'-16' Mounting Height ^{19,26,21} LWR-LN =Enlightened Wireless Sensor, Narrow Lens for 16'-40' Mounting Height ^{19,26,21}		OA/RA1013 =Photocontrol Shorting Cap ²⁸ OA/RA1016 =NEMA Photocontrol - Multi-Tap 105-285V ²⁸ OA/RA1201 =NEMA Photocontrol - 347V ²⁸ OA/RA1027 =NEMA Photocontrol - 480V ²⁸ MA1252 =10kV Circuit Module Replacement MA1689XX =Thru-branch Back Box (Must Specify Color) LS/HSS =Field Installed House Side Shield ^{22,25} LS/GRSBK-2PK =Glare Shield, Black ^{4,25,27} LS/GRSWH-2PK =Glare Shield, White ^{4,25,27} LS/PFS =Perimeter Shield, Black FSIR-100 =Wireless Configuration Tool for Occupancy Sensor ¹⁷ WOLC-7P-10A =WaveLinX Outdoor Control Module (7-pin) ^{24,29} SWPD4-XX =WaveLinX Wireless Sensor, 7' - 15' Mounting Height ^{29,30,31,32} SWPD5-XX =WaveLinX Wireless Sensor, 15' - 40' Mounting Height ^{29,30,31,32}			
NOTES: 1. DesignLight Consortium® Qualified. Refer to www.designlights.org, Qualified Products List under Family Models for details. 2. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WPS13001EN for additional information. 3. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only. Available with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. Can be used with HSS option. 4. Not available with HA option. 5. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. 6. Require the use of a step down transformer. Not available in combination with sensor options at 1200mA. 7. 480V not to be used with ungrounded or impedance grounded systems. 8. DuraVolt drivers feature added protection from power quality issues such as loss of neutral, transients and voltage fluctuations. Visit www.signify.com/duravolt for more information. 9. Cannot be used with other control options. 10. Low voltage control leads extended 18" from fixture. 11. Not available in 1200mA. When used with CBP or HA options, only available with single light square. 12. Not available in 1200mA, UPL or CBP options. Available with single light square. 13. Quick mount arm adapter is factory installed. Pole mounting bracket shipped in box. Suitable for 1.5G. Fits square and round poles up to 6" O.D. 14. Mast arm adapter factory installed (2-3/8" O.D. arm only). Suitable for 3G vibration. 15. Compatible with standard 3-PIN photocontrols, 5-PIN or 7-PIN ANSI controls. 16. Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See After Hours Dim supplemental guide for additional information. 17. The FSIR-100 configuration tool is required to adjust parameters such as high and low modes, sensitivity, time delay and cutoff. Consult your lighting representative at Cooper Lighting Solutions for more information. 18. Replace LXX with L08 (<8' mounting), L20 (8'-20' mounting) or L40W (21'-40' mounting). 19. Includes integral photosensor. 20. Enlighted wireless sensors are factory installed requiring network components in appropriate quantities. 21. Bronze sensor is shipped with Bronze fixtures. White sensor shipped on all other housing color options. 22. Not available with HSS or GRS options. 23. Not for use with 5WQ, 5MQ, SL2, SL3 and SL4 distributions. The light square trim plate is painted black when the HSS option is selected. 24. CE is not available with the 1200, DALI, LWR, MS, MS/DIM, BPC, PR or PR7 options. Available in 120-277V only. 25. One required for each light square. 26. Requires PR7. 27. Not for use with T4FT, T4W or SL4 optics. 28. Cannot be used in conjunction with additional photocontrol or other controls systems (BPC, PR, PR7, MS, LWR). 29. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. 30. Requires ZW or ZD receptacle. 31. Replace XX with sensor color (WH, BZ, or BK). 32. Smart device with mobile application required to change system defaults. See controls section for details. 33. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. 34. For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. 35. Not available in 1 square configuration at 800mA or below. Not available with any control option except SPB. 36. Cannot be used with PR7 or other motion response control options.							

Product Specifications

- Construction**
- Driver enclosure thermally isolated from optics for optimal thermal performance
 - Die-cast aluminum heat sinks
 - IP66 rated housing
 - 1.5G vibration rated

- Optics**
- Patented, high-efficiency injection-molded AccuLED Optics technology
 - 13 optical distributions
 - Dark Sky Approved (3000K CCT and warmer only)

- Electrical**
- LED driver assembly mounted for ease of maintenance
 - Standard with 0-10V dimming
 - Optional 10kV or 20kV surge module
 - Suitable for operation in -40C to 40C ambient environments. Optional 50C high ambient (HA) configuration.

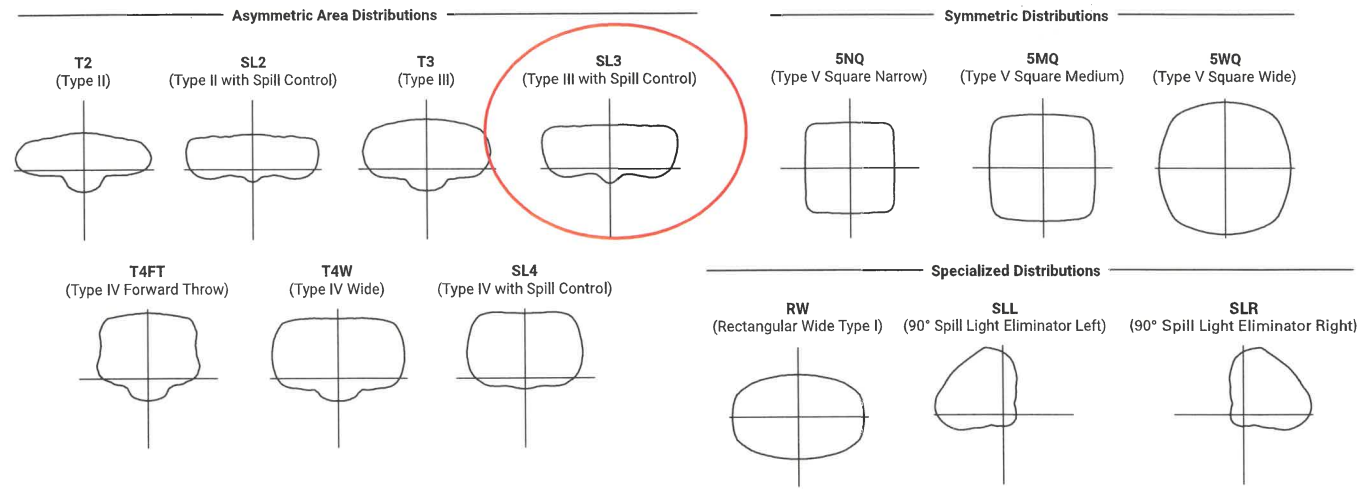
- Mounting**
- Gasketed and zinc plated rigid steel mounting attachment
 - "Hook-N-Lock" mechanism for easy installation

- Finish**
- Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
 - Heat sink is powder coated black
 - RAL and custom color matches available
 - Coastal Construction (CC) option available

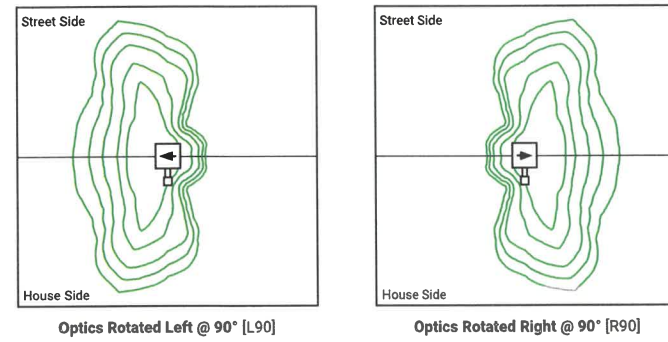
- Typical Applications**
- Outdoor, Parking Lots, Walkways, Roadways, Building Areas

- Warranty**
- Five-year warranty

Optical Distributions



Optic Orientation



Energy and Performance Data

Lumen Multiplier

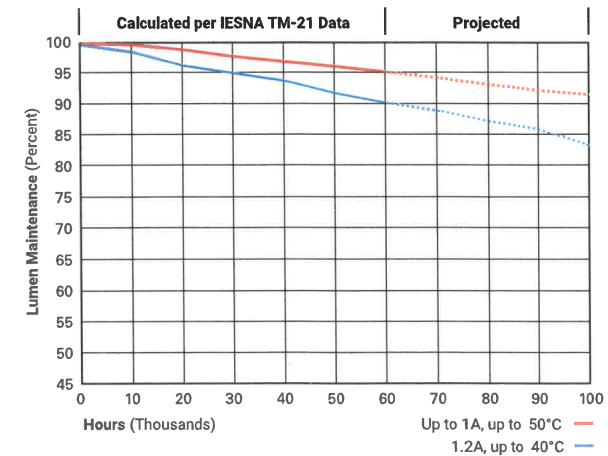
Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

FADC Settings

FADC Position	Lumen Multiplier
1	25%
2	46%
3	55%
4	62%
5	72%
6	77%
7	82%
8	85%
9	90%
10	100%

Lumen Maintenance

Drive Current	Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Projected L70 (Hours)
Up to 1A	Up to 50°C	> 95%	> 416,000
1.2A	Up to 40°C	> 90%	> 205,000



Energy and Performance Data

[View GPC Galleon Pedestrian IES files](#)

4000K/5000K/6000K CCT, 70 CRI

Number of Light Squares		1				2			
Drive Current	615mA	800mA	1050mA	1.2A	615mA	800mA	1050mA	1.2A	
Nominal Power (Watts)	34	44	59	67	66	86	113	129	
Input Current @ 120V (A)	0.30	0.39	0.51	0.58	0.58	0.77	1.02	1.16	
Input Current @ 208V (A)	0.17	0.22	0.29	0.33	0.34	0.44	0.56	0.63	
Input Current @ 240V (A)	0.15	0.19	0.26	0.29	0.30	0.38	0.48	0.55	
Input Current @ 277V (A)	0.14	0.17	0.23	0.25	0.28	0.36	0.42	0.48	
Input Current @ 347V (A)	0.11	0.15	0.17	0.20	0.19	0.24	0.32	0.39	
Input Current @ 480V (A)	0.08	0.11	0.14	0.15	0.15	0.18	0.24	0.30	
Optics									
T2	Lumens	4,883	5,989	7,412	8,131	9,543	11,703	14,485	15,891
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
	Lumens per Watt	144	136	126	121	145	136	128	123
T3	Lumens	4,978	6,105	7,556	8,288	9,729	11,929	14,764	16,196
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	146	139	128	124	147	139	131	126
T4FT	Lumens	5,008	6,140	7,599	8,337	9,783	11,998	14,850	16,290
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	147	140	129	124	148	140	131	126
T4W	Lumens	4,942	6,060	7,502	8,229	9,658	11,843	14,658	16,080
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3
	Lumens per Watt	145	138	127	123	146	138	130	125
SL2	Lumens	4,874	5,979	7,399	8,117	9,528	11,684	14,461	15,863
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B3-U0-G3
	Lumens per Watt	143	136	125	121	144	136	128	123
SL3	Lumens	4,976	6,104	7,555	8,287	9,727	11,927	14,763	16,194
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	146	139	128	124	147	139	131	126
SL4	Lumens	4,729	5,799	7,178	7,873	9,239	11,333	14,025	15,387
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3	B2-U0-G4	B2-U0-G4
	Lumens per Watt	139	132	122	118	140	132	124	119
5NQ	Lumens	5,134	6,296	7,793	8,547	10,033	12,303	15,226	16,704
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2
	Lumens per Watt	151	143	132	128	152	143	135	129
5MQ	Lumens	5,228	6,412	7,935	8,705	10,216	12,529	15,508	17,011
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	154	146	134	130	155	146	137	132
5WQ	Lumens	5,242	6,428	7,956	8,728	10,244	12,563	15,548	17,056
	BUG Rating	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	154	146	135	130	155	146	138	132
SLL/SLR	Lumens	4,373	5,365	6,640	7,283	8,547	10,481	12,973	14,231
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	129	122	113	109	130	122	115	110
RW	Lumens	5,087	6,238	7,721	8,472	9,941	12,190	15,088	16,553
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	150	142	131	126	151	142	134	128

* Nominal lumen data for 70 CRI. BUG rating for 4000K/5000K. Refer to IES files for 3000K BUG ratings.

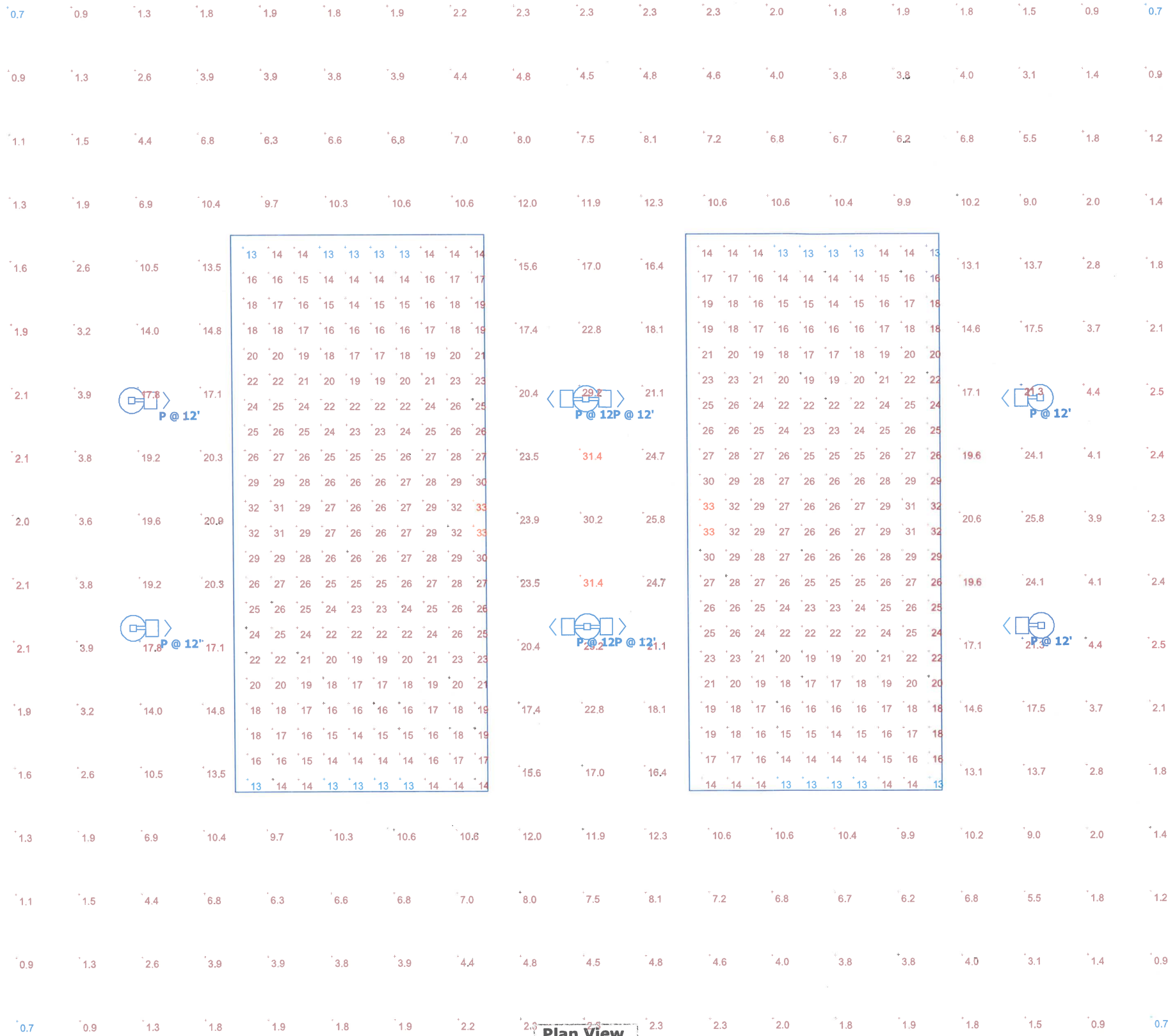
3000K CCT, 80 CRI

Number of Light Squares		1				2			
Drive Current		615mA	800mA	1050mA	1.2A	615mA	800mA	1050mA	1.2A
Nominal Power (Watts)		34	44	59	67	66	86	113	129
Input Current @ 120V (A)		0.30	0.39	0.51	0.58	0.58	0.77	1.02	1.16
Input Current @ 208V (A)		0.17	0.22	0.29	0.33	0.34	0.44	0.56	0.63
Input Current @ 240V (A)		0.15	0.19	0.26	0.29	0.30	0.38	0.48	0.55
Input Current @ 277V (A)		0.14	0.17	0.23	0.25	0.28	0.36	0.42	0.48
Input Current @ 347V (A)		0.11	0.15	0.17	0.20	0.19	0.24	0.32	0.39
Input Current @ 480V (A)		0.08	0.11	0.14	0.15	0.15	0.18	0.24	0.30
Optics									
T2	Lumens	3,880	4,759	5,890	6,461	7,583	9,300	11,510	12,628
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	114	108	100	96	115	108	102	98
T3	Lumens	3,956	4,851	6,004	6,586	7,731	9,479	11,732	12,870
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
	Lumens per Watt	116	110	102	98	117	110	104	100
T4FT	Lumens	3,980	4,879	6,038	6,625	7,774	9,534	11,800	12,945
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	117	111	102	99	118	111	104	100
T4W	Lumens	3,927	4,816	5,961	6,539	7,675	9,411	11,648	12,778
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
	Lumens per Watt	116	109	101	98	116	109	103	99
SL2	Lumens	3,873	4,751	5,880	6,450	7,571	9,285	11,491	12,605
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	114	108	100	96	115	108	102	98
SL3	Lumens	3,954	4,851	6,004	6,585	7,729	9,478	11,731	12,868
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	116	110	102	98	117	110	104	100
SL4	Lumens	3,758	4,608	5,704	6,256	7,342	9,006	11,145	12,227
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3
	Lumens per Watt	111	105	97	93	111	105	99	95
5NQ	Lumens	4,080	5,003	6,193	6,792	7,973	9,776	12,099	13,274
	BUG Rating	B2-U0-G0	B2-U0-G1	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
	Lumens per Watt	120	114	105	101	121	114	107	103
5MQ	Lumens	4,154	5,095	6,305	6,917	8,118	9,956	12,323	13,518
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	122	116	107	103	123	116	109	105
5WQ	Lumens	4,166	5,108	6,322	6,936	8,140	9,983	12,355	13,553
	BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
	Lumens per Watt	123	116	107	104	123	116	109	105
SLL/SLR	Lumens	3,475	4,263	5,276	5,787	6,792	8,329	10,309	11,309
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3
	Lumens per Watt	102	97	89	86	103	97	91	88
RW	Lumens	4,042	4,957	6,135	6,732	7,900	9,687	11,990	13,154
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2
	Lumens per Watt	119	113	104	100	120	113	106	102

* Nominal lumen data for 70 CRI. BUG rating for 4000K/5000K. Refer to IES files for 3000K BUG ratings.



MDPC
PICKLE BALL COURT



12'-0" POLES
W/ HEADS,
SEE
CUTSHEET

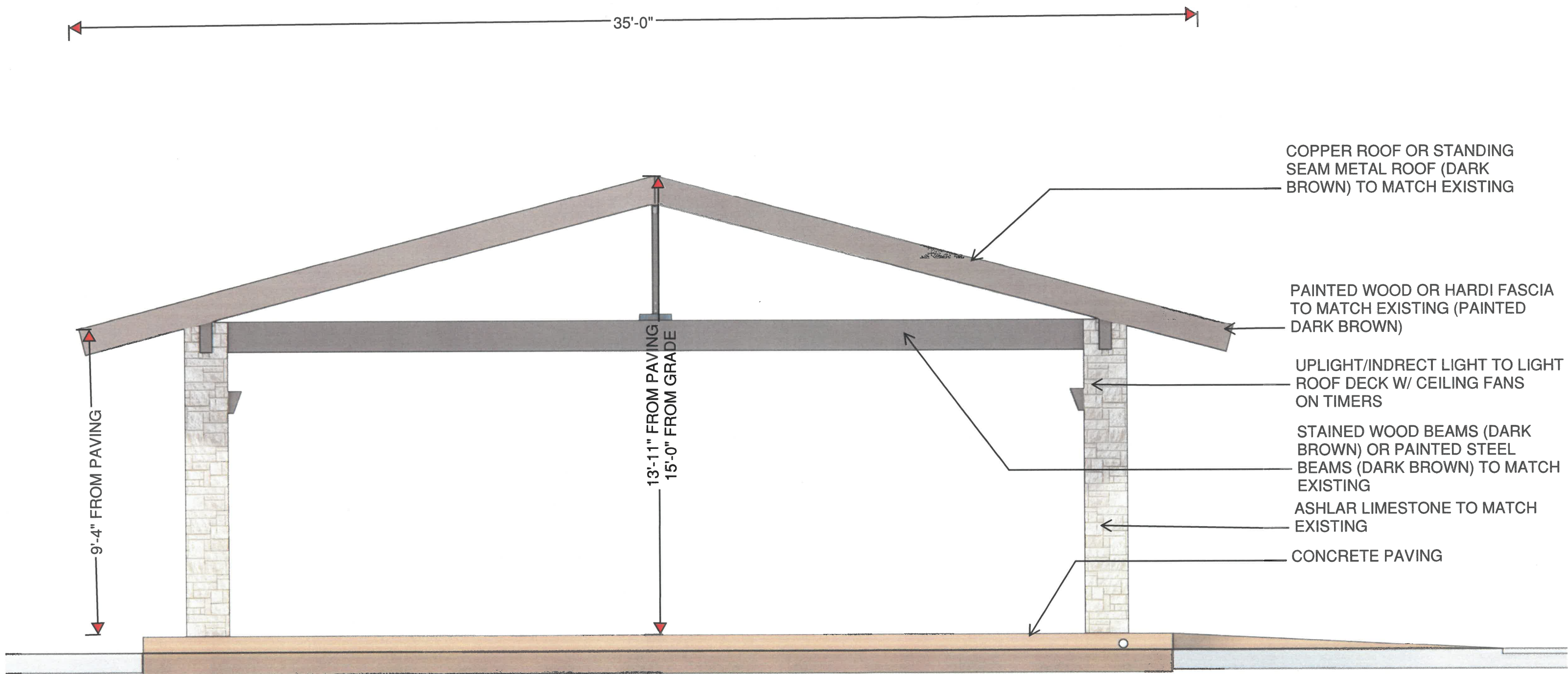
POLES TO
BE BRONZE
TO MATCH
EXISTING

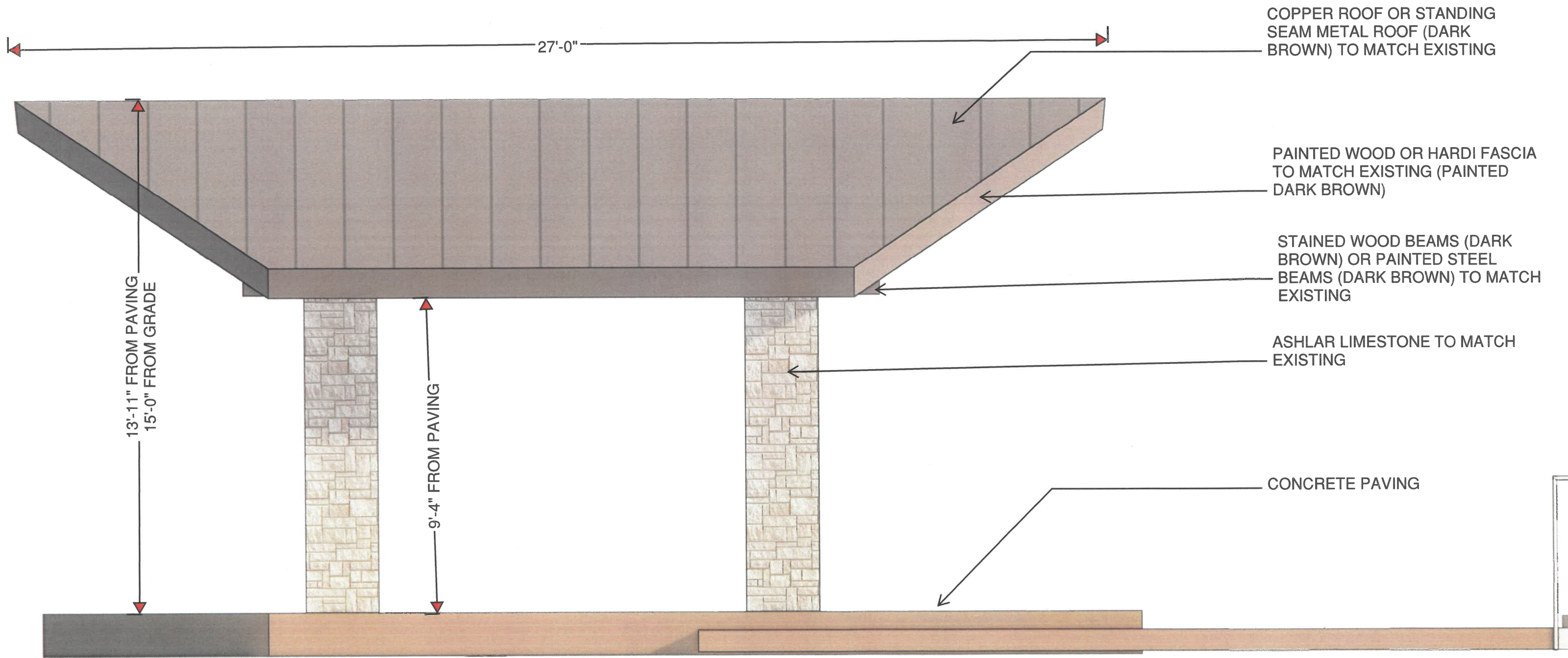
HOURS OF
OPERATION
DUSK UNTIL
10:00 PM

Schedule				
Symbol	Label	Manufacturer	Catalog Number	Wattage
	P	COOPER LIGHTING	GPC-SA2D-740-U-T4FT-HSS	129

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
COURT (left)	+	21 fc	33 fc	13 fc	2.5:1	1.6:1
COURT (right)	+	21 fc	33 fc	13 fc	2.5:1	1.6:1
PERIMETER	+	8.2 fc	31.4 fc	0.7 fc	44.9:1	11.7:1

Designer
MHPA
Date
4/25/2023
Scale
AS NOTED
Drawing No.
Summary





PAVILION SIDE ELEVATION
NTS

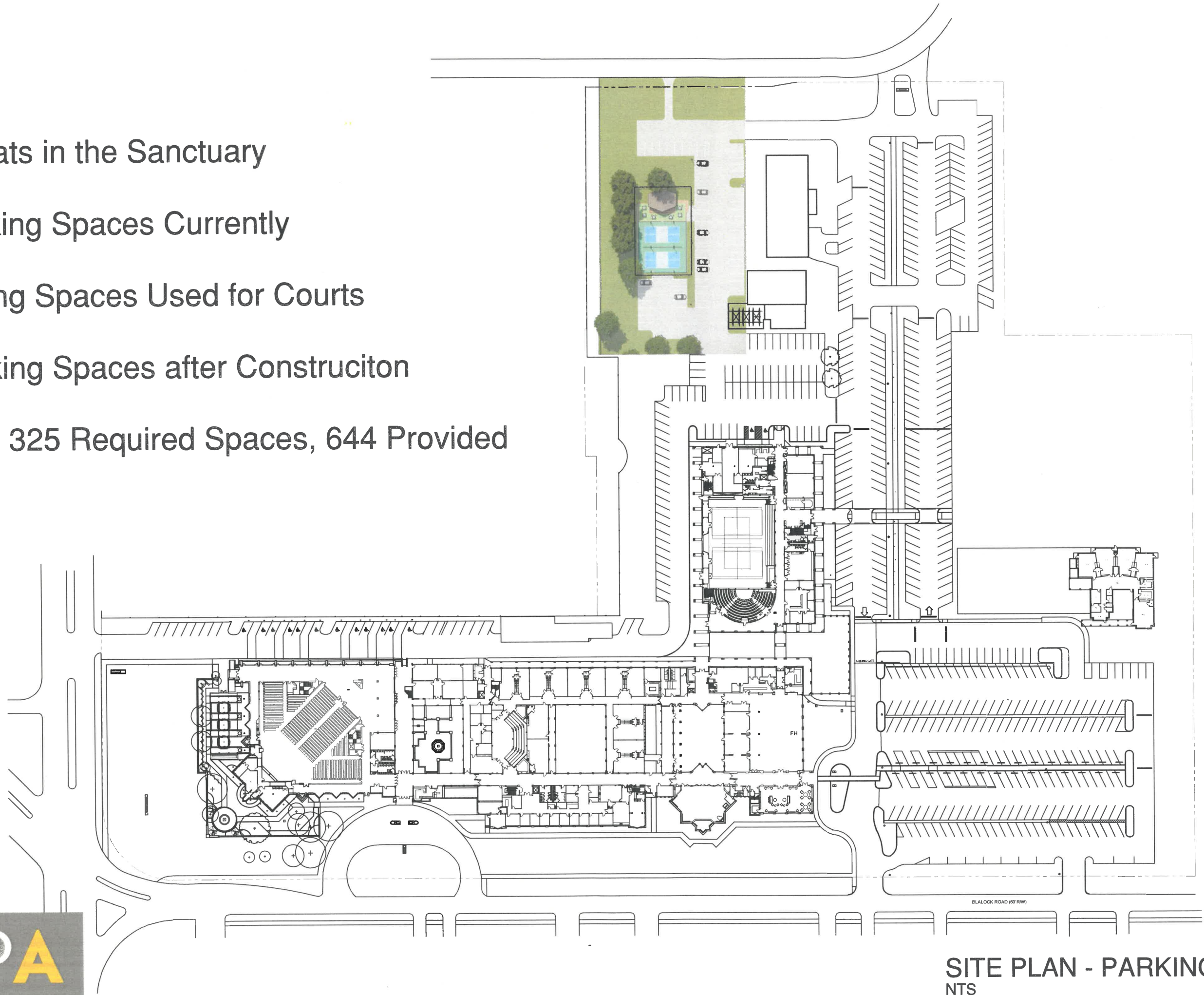
1300 Seats in the Sanctuary

662 Parking Spaces Currently

18 Parking Spaces Used for Courts

644 Parking Spaces after Construction

$1300/4 = 325$ Required Spaces, 644 Provided



SITE PLAN - PARKING
NTS