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ADDENDUM

To: Plan holders **Date:** 3/7/2023
From: Mark Priestner **AVO:** 46071.001
Email: mpriestner@halff.com **Project:** Pollard Park Improvements
Subject: Addendum No. 1

The following is a list of changes made to the plans and specifications. The changes are outlined by item number, as well as plan sheet number.

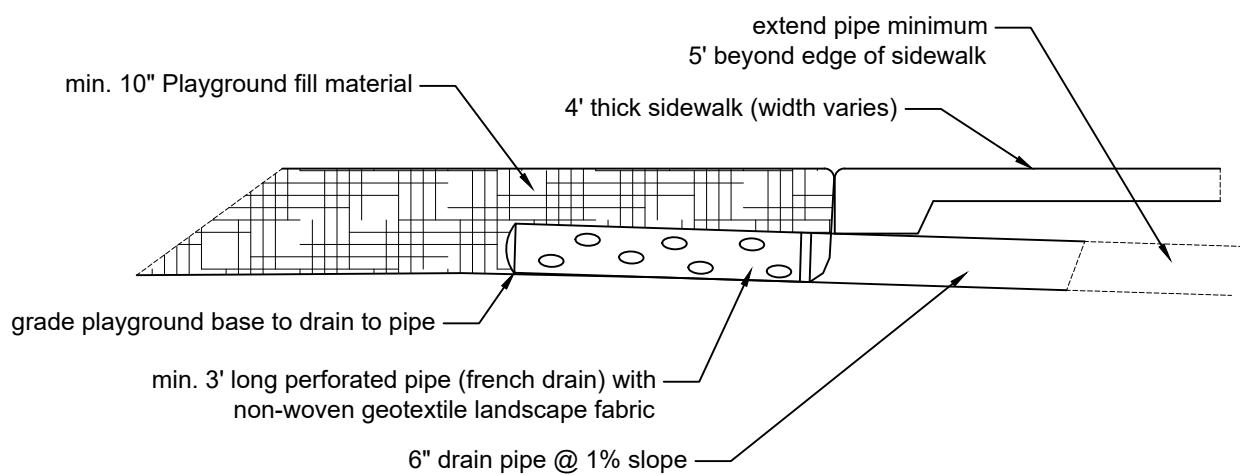
ITEM 3 – Surfacing & Striping – Clarify contractor to mill (remove) asphalt overlay and utilize existing concrete slab for resurfacing.
ITEM 6 Tree Protection – Drawings indicate chain link fence as barrier. Contractor may substitute standard plastic safety fence.
ITEM 8 – contractor to provide 4" PVC sleeves for future use. Owner will specify in the field the locations. Each PVC sleeve to be 15' in length. Total of five (5) reqd.
ITEM 13 Bermudagrass – Estimation for bid is 10,000 s.f. Contractor will be required to hydromulch any and all areas disturbed by construction.
ITEMS 14 & 15 Bleachers - Contractor to furnish and supply two (2) Kay Park BLA3A15 bleacher and two (2) Kay Park BLA4A15 bleacher or approved equal.
ITEMS 16 & 22 – Chain link fence fabric to be 11 guage, vinyl coated, black
ITEM 20 - Contractor to furnish and install two (2) Bison Inc model PR70 poles, backboard, rim and net or approved equal.
ITEM 21 Playground Base – Contractor to utilize edge of sidewalk as perimeter of playground area. Provide and install 75 lf. of concrete border where no sidewalk exists. Concrete border to be 1' wide by 8" thick and constructed in the same manner as the thickened edge of sidewalk. Playground areas to be graded to drain to pipes shown on exhibit. Drain pipe to be 6" diameter with a minimum slope of 1%. Upper end of drain pipe to be minimum 3 l.f. perforated french drain pipe with a non-woven geotextile landscape fabric. Drain pipe to be extend to natural grade at least 5' beyond sidewalk.
ITEM 24 – Area Lights – Contractor to provide and install four (4) area lights Radeon RADPT P4 35K PATH MVOLT NLTAIR (FINISH) on a 14' pole or approved equal. 200' typical spacing. Contractor to provide necessary wiring and conduit to tie lights into existing electrical box located in restroom building.

Specifications:

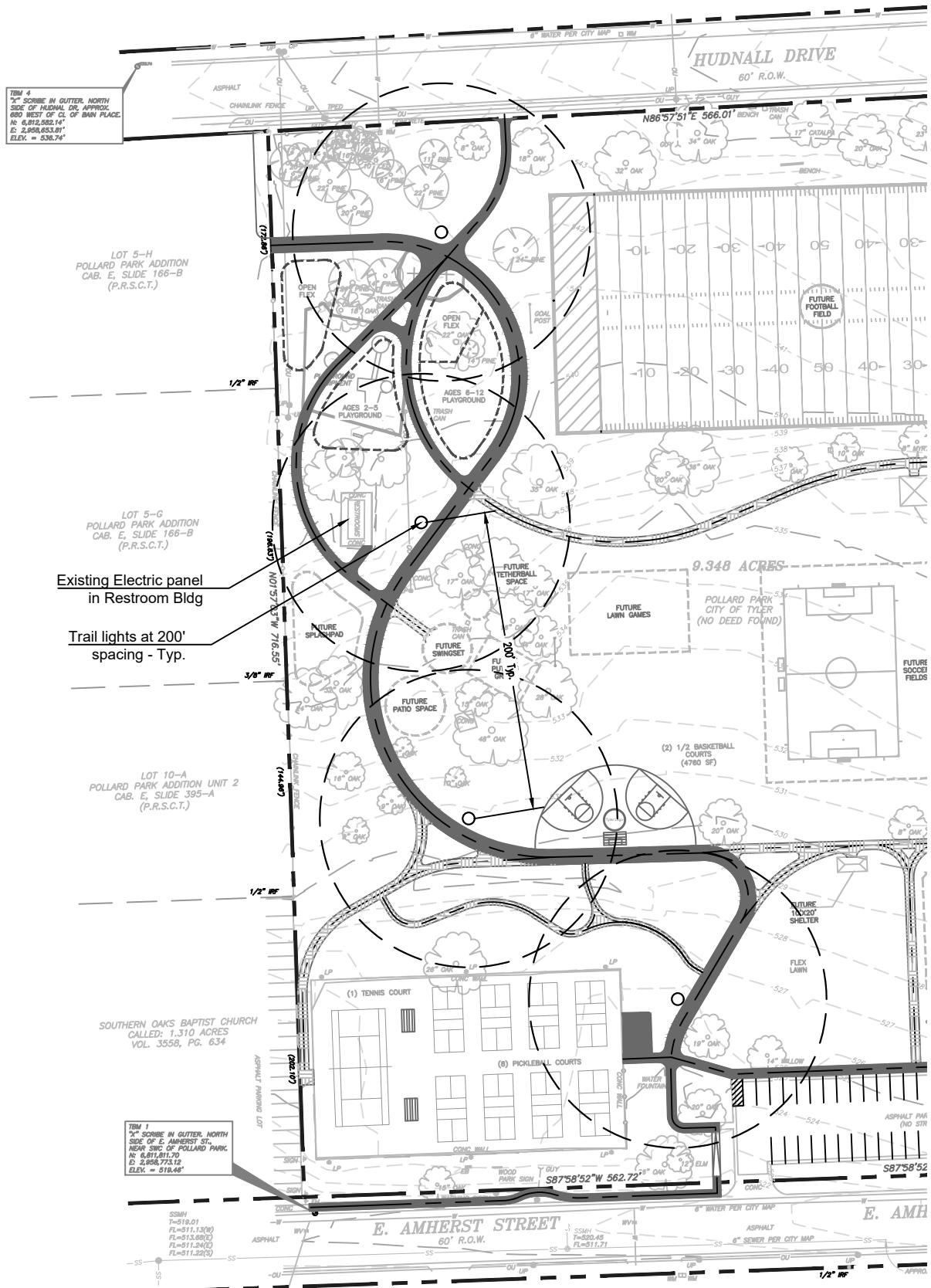
See attached for playground drainage detail

Attachments:

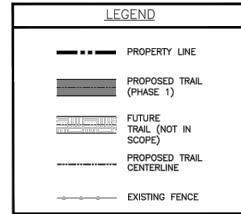
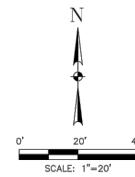
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Playground Drain Pipe Detail

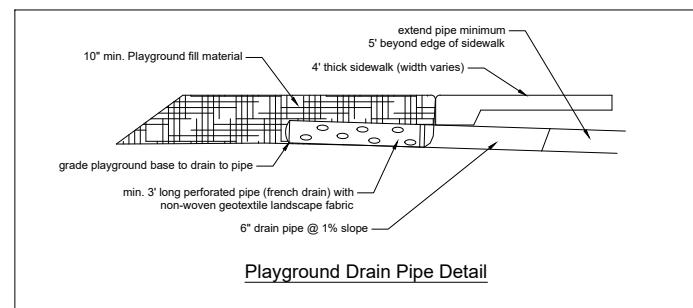
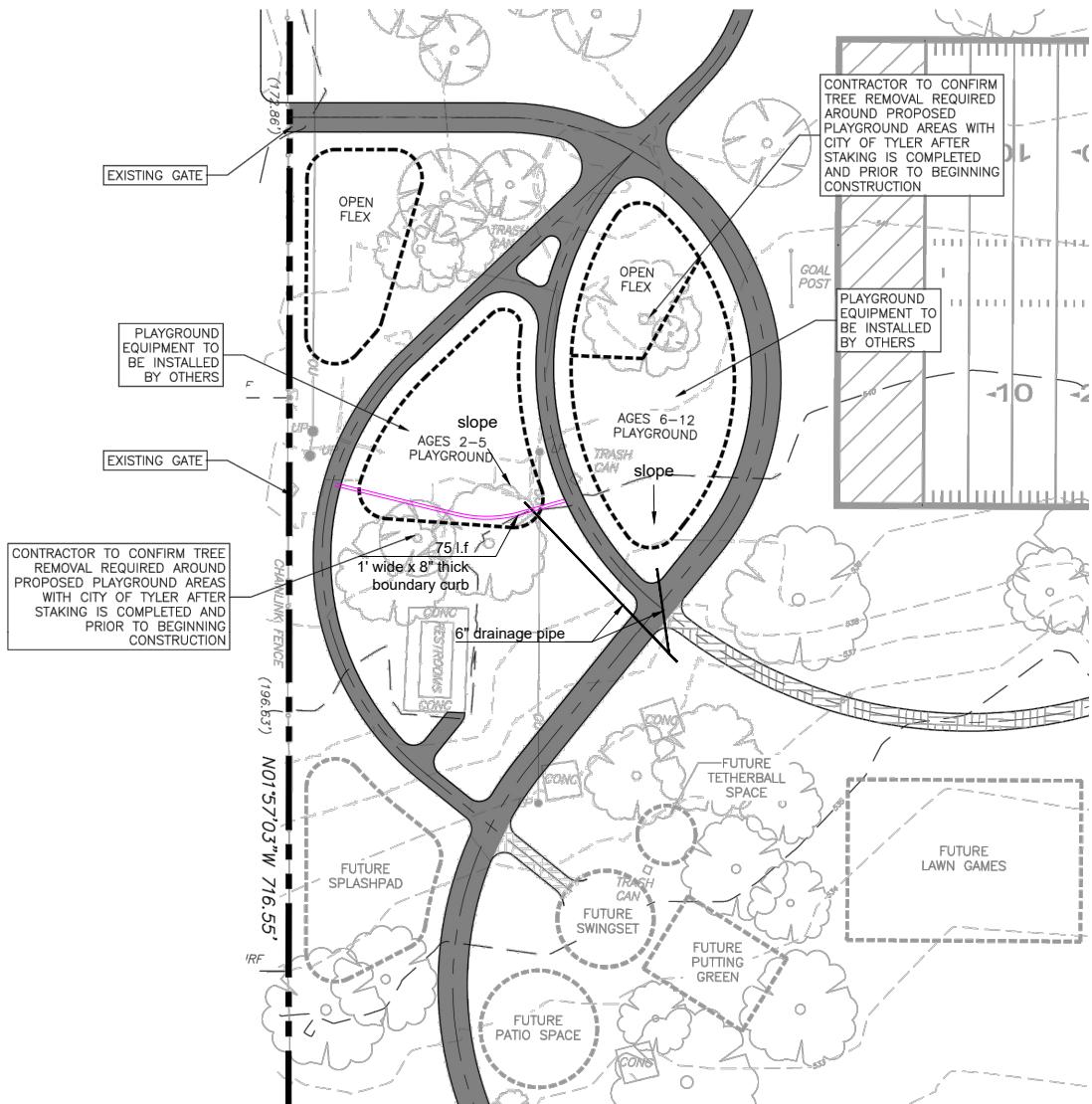


**POLLARD PARK
IMPROVEMENTS**
CITY OF TYLER
TYLER, TEXAS 75701



NOTES:

- SEE SHEET 4 FOR TRAIL DETAILS.
- PLAYGROUND EQUIPMENT TO BE INSTALLED BY OTHERS



Playground Drain Pipe Detail

TBM 1 ELEVATION - 519.46'
"X" SCRIBE IN GUTTER, NORTH SIDE OF E.
AMERICA ST., NEAR SWC OF POLLARD PARK.
N: 6,811,811.27
E: 2,959,773.12

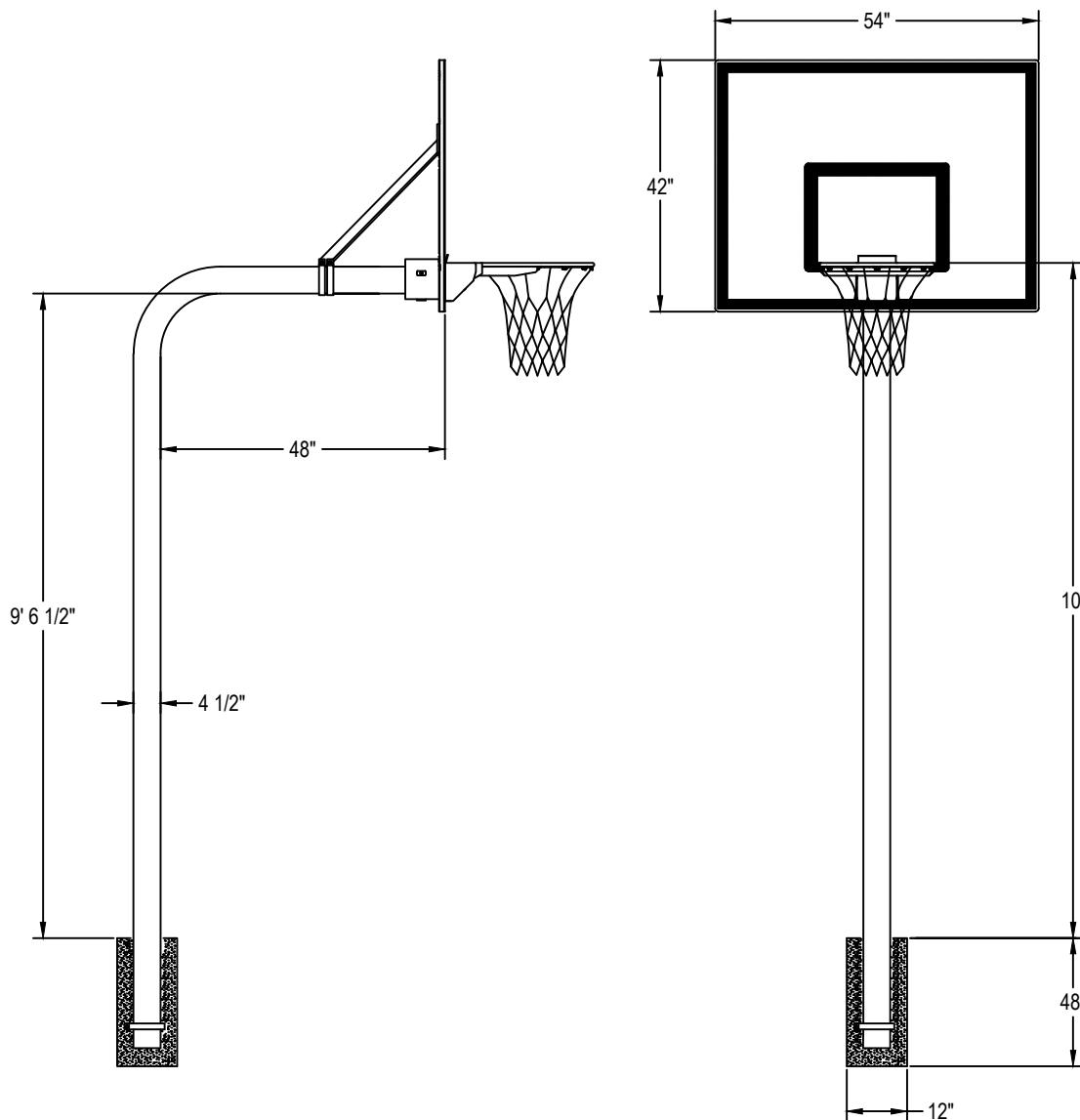
TBM 2 ELEVATION - 524.03'
"X" SCRIBE IN GUTTER, NORTH SIDE OF E.
AMERICA ST., WEST SIDE BAIN PLACE, NEAR
SEC. 10 POLLARD PARK.
N: 6,811,833.15
E: 2,959,330.40

TBM 3 ELEVATION - 532.12'
"X" SCRIBE IN GUTTER, NORTH SIDE OF
HUNNALL DR., WEST SIDE BAIN PLACE.
N: 6,812,822.61'
E: 2,959,308.64'

TBM 4 ELEVATION - 536.74'
"X" SCRIBE IN GUTTER, NORTH SIDE OF
HUNNALL DR., APPROX. 680 WEST OF CL OF
BAIN PLACE.
N: 6,812,882.14
E: 2,958,653.81

Project No.: 46071.001
Issued: 2/28/2023
Prepared By: _____
Checked By: TE
Scale: AS NOTED
Sheet Title: PLAYGROUND PLAN
Sheet Number: 7
Sheet Number: _____





Pole shall be constructed of 4 1/2" outside diameter RS40 flow coated galvanized steel tubing with a 7 ga. wall thickness. Design shall be a bent gooseneck style and allow for a 48" bury into the ground and a 48" extension from the front of the pole to the face of the backboard. Two 1 5/8" diameter 13 ga. flow coated galvanized tubular braces shall support the top of the backboard and connect directly to the pole. Pole shall be designed so that the rim mounts directly to the horizontal pole section through the backboard to eliminate stress on the backboard during play. Pole systems without backboard support braces shall not be considered equal. Poles shall carry a minimum 25-year warranty.

Backboard shall be 42" x 54" and constructed of 1/2" clear unbreakable polycarbonate with a limited lifetime warranty. Polycarbonate shall be framed with aluminum extrusions with 7 ga. steel corner brackets and have a white border and shooters square. A tubular sub-frame shall be mounted to the rear of the backboard to provide support at the rim mounting location and provide threaded inserts for brace attachment on gooseneck playground systems. Backboard shall accept rims with 5" x 4" mounting pattern. Backboard shall carry a lifetime limited warranty. Rim shall be of a flexible type so as to absorb the player contact. Spring action shall be provided by a compression spring. Rim shall have a one-piece continuous wire net attachment system to accept nylon net (included). The rim shall be of an institutional quality with all structural components being no less than 3/16" thick. The ring shall be an official-sized 5/8" AISI 1018 cold drawn carbon steel and be supported by a 3/16" x 1 1/2" rim support that is welded around 180° of the bottom of the ring. A steel coverplate must enclose all internal mechanism. Rim shall be punched to mount on any front mount backboard, have a 1-year limited warranty and an orange powder coated finish. Mounting hardware shall be included. Rim shall be made in the USA. Installation to be completed in accordance with manufacturer's instructions. Do not scale drawings. Entire system shall weigh approximately 300#.



PRODUCT SPECIFICATION

PR70 HEAVY-DUTY POLYCARBONATE RECTANGLE GOOSENECK PLAYGROUND SYSTEM

REVISED 7/1/17



Radean Post Top

LED Area Luminaire



Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

EPA: 1.02 ft²
(0.105 m²)

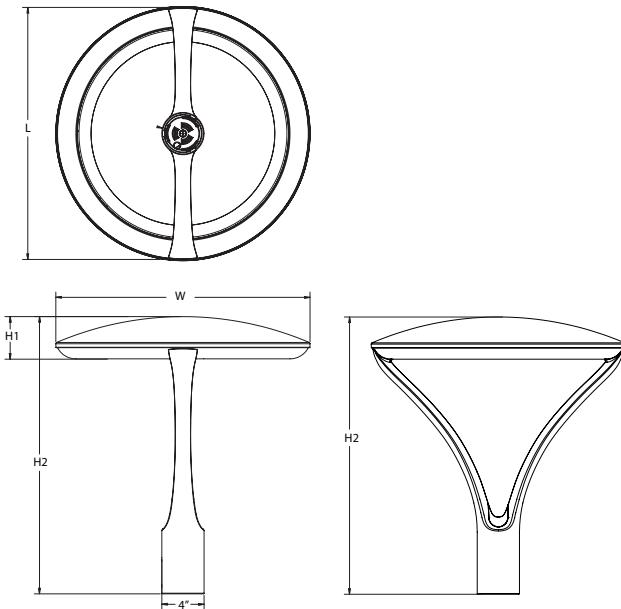
Length: 24"
(61cm)

Width: 24"
(61cm)

**H1
Luminaire Height:** 4"
(10.16cm)

**H2
Luminaire Height:** 26"
(66.04cm)

Weight: 38lbs
(17.24Kg)



Introduction

The architecturally-inspired shape of the RADEAN™ post top area luminaire embodies the grace and strength of the RADEAN family. The twin copper-core cast aluminum arms support the slender superstructure, creating a beautiful sculpture by day transforming into a beacon of comfort by night. Triangular arms redirect reflection maintaining its visually quiet appearance. With sleek lines and simple silhouettes, these LED luminaires use specialized lighting and visual comfort to transform common areas like courtyards, outdoor retail locations, universities and corporate campuses into pedestrian-friendly nighttime environments.

Ordering Information

EXAMPLE: RADPT LED P3 30K SYM MVOLT PT4 PIR DNAXD

RADPT LED							
Series	Performance package	Color temperature	Distribution	Voltage	Mounting (required)		
RADPT LED	P1 3,000 Lumens	27K 2700K	SYM Symmetric type V	MVOLT ² 277 ²	PT4 ³	Slips inside a 4"OD round metal pole	
	P2 5,000 Lumens	30K 3000K	ASY Asymmetric type IV	120 ² 347	RADPT20	Slips over a 2 3/8" diameter tenon	
	P3 7,000 Lumens	35K 3500K	PATH Pathway Type III	208 ² 480	RADPT25	Slips over a 2 7/8" diameter tenon	
	P4 10,000 Lumens	40K 4000K		240 ²			
	P5 15,000 Lumens	50K 5000K					
Control options		Other options		Finish (required)			
Shipped installed NLTAIR2 nLight AIR 2.0 enabled ⁴ PIR Bi-level motion/sensor (100% to 30%) ^{5,6,7,8} PE Button photocell ⁷ FAO Field adjustable output ^{5,9}		SF Single Fuse ²	Shipped installed	DDBXD	Dark bronze	DDBTXD	Textured dark bronze
		DF Double Fuse ²	HS Houseside shield ¹¹	DBLXD	Black	DBLBXD	Textured black
		R90 Rotated optics ¹⁰		DNAXD	Natural aluminum	DNATXD	Textured natural aluminum
				DWHXD	White	DWHGXD	Textured white



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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RADPT LED
 Rev. 04/19/22

Ordering Information

Accessories

Ordered and shipped separately.

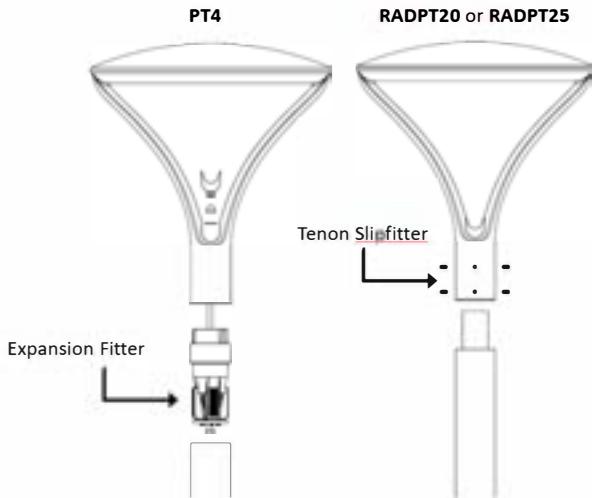
RADHS	Houseseide shield (shield is white)
RADCS DDBXD U	Decorative clamshell base for 4" RSS pole (specify finish)
RADFBC DDBXD U	Full base cover for 4" RSS pole (specify finish)

For more control options, visit [DTL](#) and [ROAM](#) online.

NOTES

- 2700K and 3500K may require extended lead-times.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Required nominal 4" round straight metal pole.
- NLTAIR2 not available with PIR, PE or FAO. Must link to external nLight Air network.
- PIR will work with FAO, if adjustable low-end trim is required.
- PIR must specify 120V, 277V, 347V or 480V. Not available in MVOLT, 208V or 240V.
- PE and PIR are available together.
- PIR for use only on luminaires mounted under 15°.
- Field adjustable high-end trim.
- For left rotation, select R90 and rotate luminaire 180° on pole.
- Also available as a separate accessory; see Accessories information at left. HS not available with R90. Shield is field rotatable shield in 180° increments.

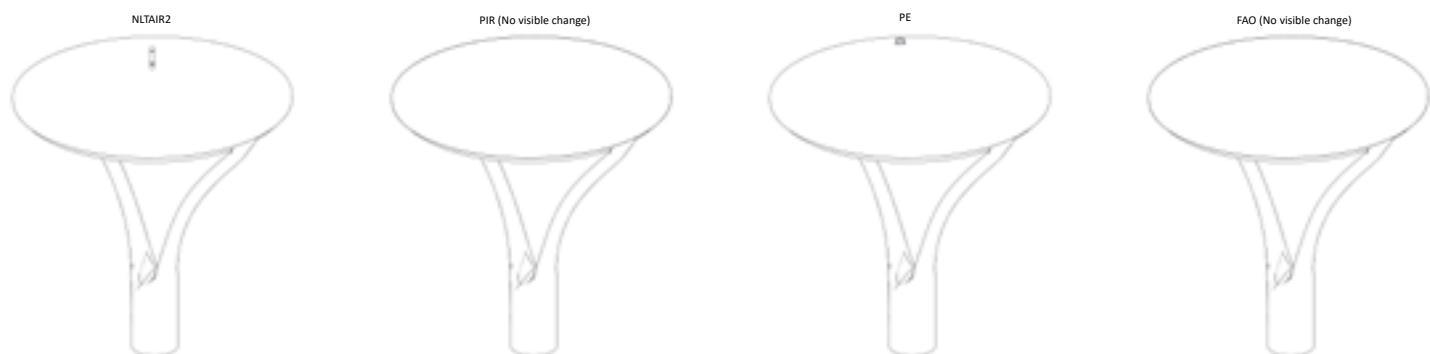
Mounting



Recommended Poles for use with RADEAN RADPT LED Luminaires.			
Acuity Part Number	Description	For luminaires	Used with Mounting
RSS 10 4B PT DDBXD	10' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 12 4B PT DDBXD	12' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 14 4B PT DDBXD	14' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 16 4B PT DDBXD	16' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 18 4B PT DDBXD	18' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 20 4B PT DDBXD	20' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 25 4B PT DDBXD	25' Round Straight Steel - 4" O.D. - Open Top	RADPT LED	PT4
RSS 10 4B T20 DDBXD	10' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 12 4B T20 DDBXD	12' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 14 4B T20 DDBXD	14' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 16 4B T20 DDBXD	16' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 18 4B T20 DDBXD	18' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 20 4B T20 DDBXD	20' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20
RSS 25 4B T20 DDBXD	25' Round Straight Steel - 4" O.D. - Tenon Top	RADPT LED	RADPT20

* Customer must verify pole loading per required design criteria and specified wind speed. Consult pole specification sheet for additional details.

Control Options



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Contact factory for performance data on any configurations not shown here.

Performance Package	Input Wattage	Distribution	2700K					3000K					3500K					4000K					5000K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	25	ASY	2,924	2	1	2	115	3,022	2	2	2	119	3,095	2	2	2	122	3,168	2	2	2	125	3,168	2	2	2	125
		PATH	2,529	2	1	2	100	2,613	2	2	2	103	2,676	2	2	2	105	2,739	2	2	2	108	2,739	2	2	2	108
		SYM	3,086	2	1	1	121	3,189	2	1	1	126	3,266	2	1	1	129	3,344	2	1	1	132	3,344	2	1	1	132
P2	38	ASY	4,521	3	2	3	119	4,672	3	2	3	123	4,785	3	2	3	126	4,898	3	2	3	129	4,898	3	2	3	129
		PATH	3,909	2	2	2	103	4,040	2	2	2	106	4,137	2	2	2	109	4,235	3	2	3	111	4,235	3	2	3	111
		SYM	4,772	2	2	1	126	4,931	3	2	1	130	5,050	3	2	1	133	5,169	3	2	1	136	5,169	3	2	1	136
P3	54	ASY	6,387	3	2	3	119	6,600	3	2	3	123	6,760	3	2	3	126	6,919	3	2	3	129	6,919	3	2	3	129
		PATH	5,523	3	2	3	103	5,707	3	2	3	106	5,845	3	2	3	109	5,983	3	2	3	112	5,983	3	2	3	112
		SYM	6,741	3	2	2	126	6,966	3	2	2	130	7,135	3	2	2	133	7,303	3	2	2	136	7,303	3	2	2	136
P4	86	ASY	10,150	4	2	4	118	10,489	4	2	4	122	10,742	4	2	4	125	10,996	4	2	4	128	10,996	4	2	4	128
		PATH	8,777	3	2	3	102	9,070	3	2	3	106	9,289	3	2	3	108	9,509	3	2	3	111	9,509	3	2	3	111
		SYM	10,713	3	2	2	125	11,071	3	2	2	129	11,338	3	2	2	132	11,606	3	2	2	135	11,606	3	2	2	135
P5	123	ASY	14,250	4	2	4	116	14,724	4	2	4	120	15,081	4	3	4	123	15,437	4	3	4	126	15,437	4	3	4	126
		PATH	12,322	4	2	4	101	12,733	4	3	4	104	13,041	4	3	4	106	13,349	4	3	4	109	13,349	4	3	4	109
		SYM	15,040	4	2	3	123	15,541	4	2	3	127	15,917	4	2	3	130	16,293	4	2	3	133	16,293	4	2	3	133

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	LAT Factor
0°C	32°F
5°C	41°F
10°C	50°F
15°C	59°F
20°C	68°F
25°C	77°F
30°C	86°F
35°C	95°F
40°C	104°F

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the RADPT LED platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Projected LED Lumen Maintenance				
	0	25,000	50,000	100,000
P1	1.00	0.96	0.91	0.82
P2	1.00	0.96	0.91	0.82
P3	1.00	0.96	0.91	0.82
P4	1.00	0.96	0.91	0.82
P5	1.00	0.95	0.89	0.78

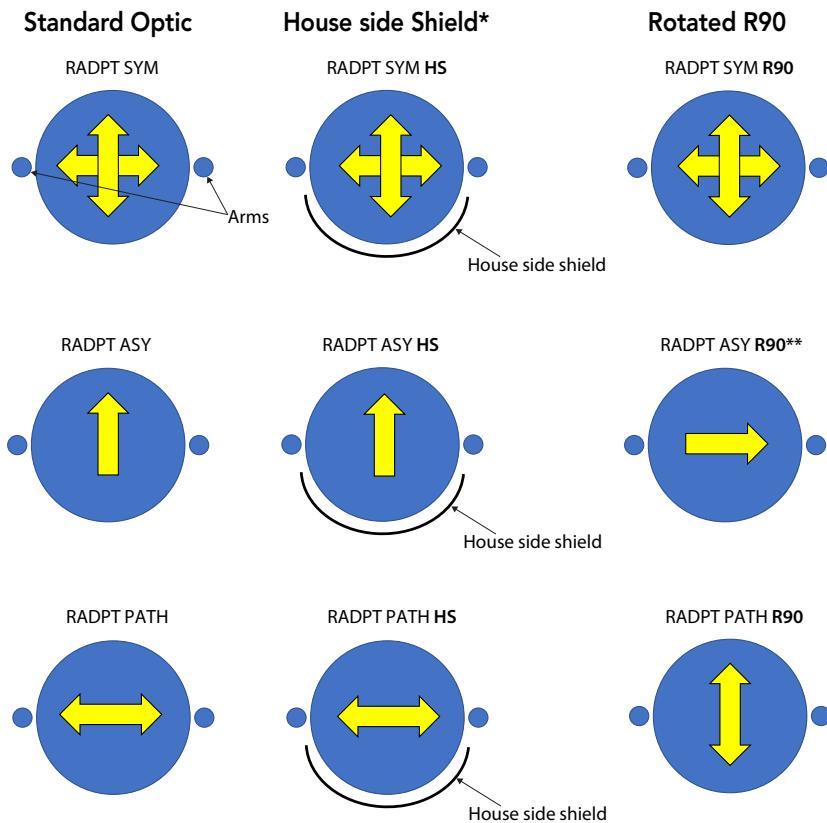
Electrical Load

Lumen Package	LED Drive Current	Voltage	Wattage		Current (A)					
					120	208	240	277	347	480
P1	500	42.8	21.4	Input Current	0.22	0.13	0.11	0.1	0.08	0.06
				System Watts	26	26	26	27	25	26
P2	770	43	33.1	Input Current	0.33	0.19	0.16	0.14	0.11	0.08
				System Watts	39	39	39	39	38	38
P3	1100	43.2	47.5	Input Current	0.46	0.26	0.23	0.2	0.16	0.12
				System Watts	55	54	54	54	54	54
P4	900	87.3	78.6	Input Current	0.73	0.42	0.36	0.32	0.25	0.18
				System Watts	87	86	86	86	86	86
P5	1250	88.2	110.2	Input Current	1	0.58	0.5	0.44	0.35	0.25
				System Watts	120	119	119	119	120	120

Orientation Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RADPT LED homepage](#).

Isofootcandle plots are considered to be representative of available optical distributions.



*HS not available with R90

**For L90, use R90 and rotate luminaire 180° on pole

FEATURES & SPECIFICATIONS

INTENDED USE

Pedestrian areas such as parks, campuses, pathways, courtyards and pedestrian malls.

CONSTRUCTION

Single-piece die-cast aluminum housing with nominal wall thickness of 0.125" on a 6mm thick acrylic waveguide is fully gasketed with a single piece tubular silicone gasket.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum and white. Available in textured and non-textured finishes.

OPTICS

6MM thick acrylic waveguide with 360° flexible LED board. Available in 2700K, 3000K, 3500K, 4000K and 5000K (80CRI) CCT configurations.

ELECTRICAL

Light engine consists of 96 high-efficacy LEDs mounted to a flexible circuit board and aluminum heat sink, ensuring optimal thermal management and long life. Class 1 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. Easily-serviceable 10kV surge protection device meets a minimum Category C Low for operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Standard post-top mounting configuration fits into a 4" OD open pole top (round pole only). Alternate tenon (2-3/8" or 2-7/8") mounting also available.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color or less. U.S. Patent No. D925,088S

BUY AMERICAN

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FARS, DFARS and DOT. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.