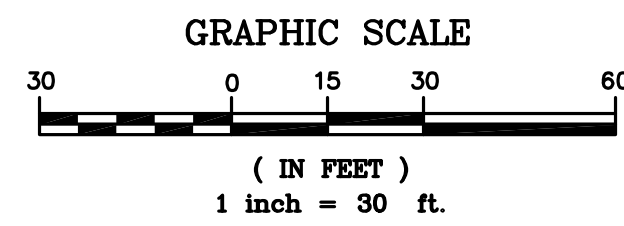
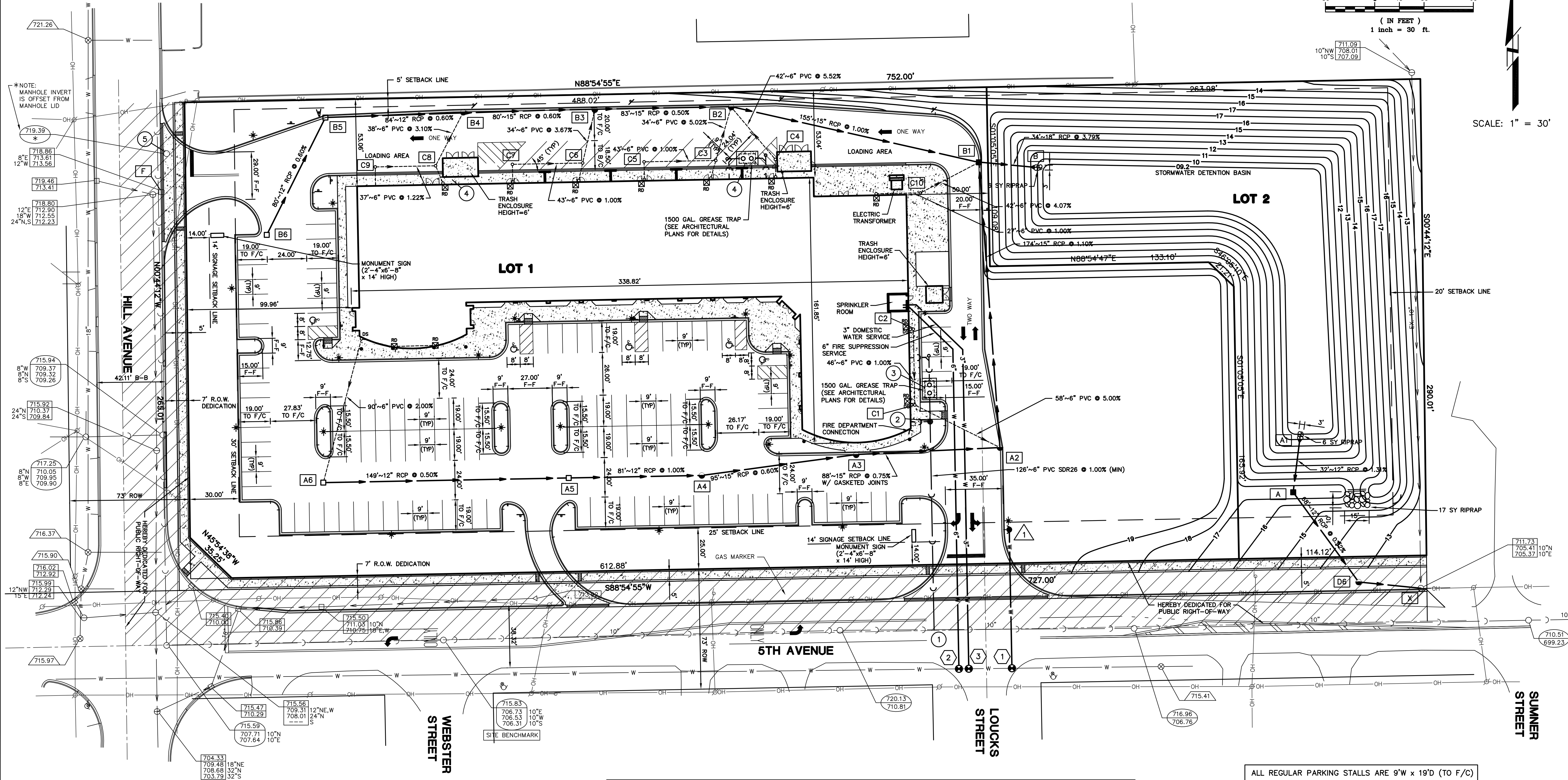


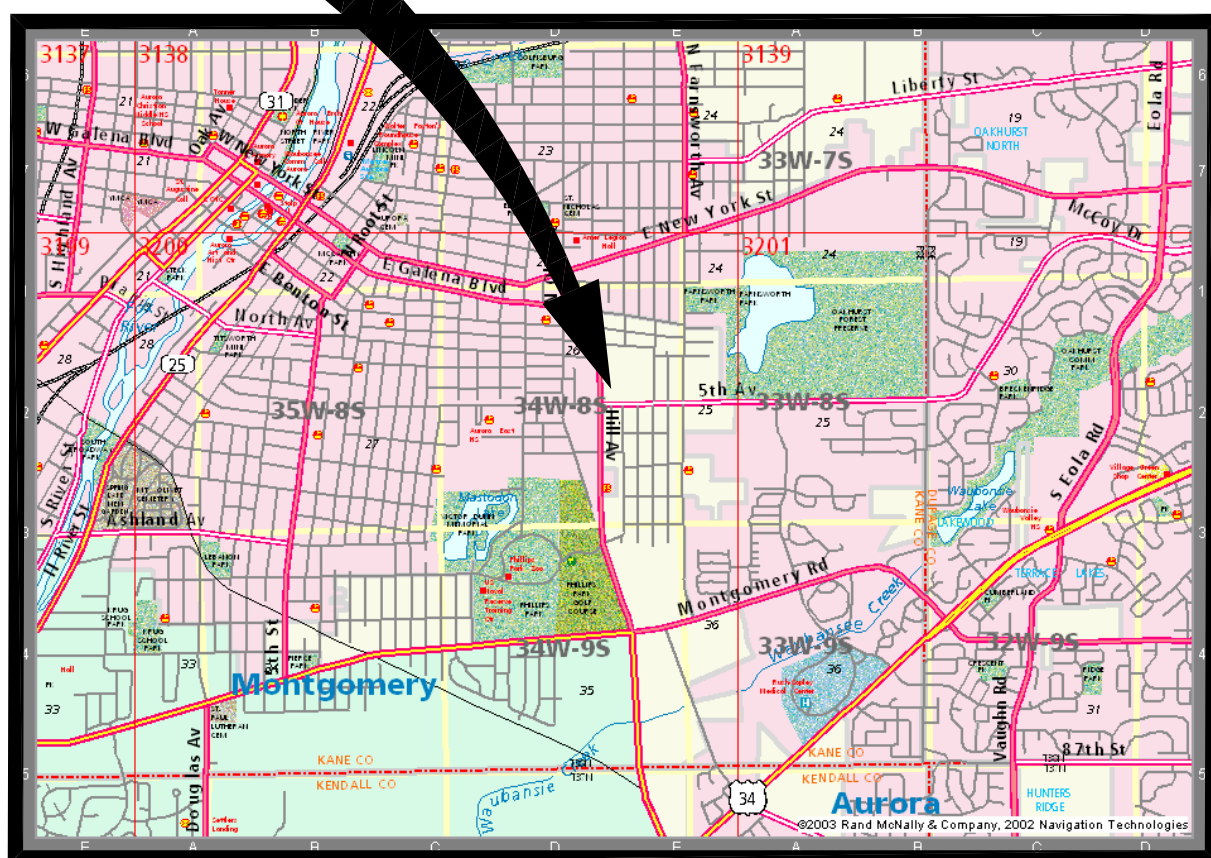
FINAL PLAN FOR LOT 1 AND LOT 2 OF CINCO DE MAYO SUBDIVISION



SCALE: 1" = 30'



SITE



LOCATION MAP
NOT TO SCALE

EXISTING		PROPOSED		LEGEND		EXISTING		PROPOSED	
—	—	—	—	SANITARY SEWER	—	—	—	—	—
W	W	W	W	WATERMAIN	—	—	—	—	—
—	—	—	—	STORM SEWER	—	—	—	—	—
—	—	—	—	OVERHEAD WIRES	—	—	—	—	—
—	—	—	—	FIRE HYDRANT	—	—	—	—	—
—	—	—	—	VALVE IN VAULT	—	—	—	—	—
—	—	—	—	VALVE AND BOX	—	—	—	—	—
—	—	—	—	INLET	—	—	—	—	—
—	—	—	—	CATCH BASIN	—	—	—	—	—
—	—	—	—	MANHOLE WITH OPEN LID	—	—	—	—	—
—	—	—	—	MANHOLE WITH CLOSED LID	—	—	—	—	—
—	—	—	—	FLARED END SECTION	—	—	—	—	—
—	—	—	—	ROOF DRAIN LEAD-IN	—	—	—	—	—
—	—	—	—	DOWNSPOUT	—	—	—	—	—
—	—	—	—	INTERNAL ROOF DRAIN	—	—	—	—	—
—	—	—	—	SANITARY WASTE	—	—	—	—	—
—	—	—	—	KITCHEN WASTE	—	—	—	—	—
—	—	—	—	CLEAN-OUT	—	—	—	—	—

ALL REGULAR PARKING STALLS ARE 9'W X 19'D (TO F/C)

Development Data Table: Final Plan					
Description	Value	Unit	Description	Value	Unit
a) Total Parcel Identification Number(s) (P/Ns): 15-26-219-007; 15-26-219-008			j) Total Number of Residential Dwelling Units		
			i. Gross Density	0.00	dw/acre
			ii. Net Density	0.00	dw/acre
b) Proposed land use(s)			k) Number of Single Family Dwelling Units		
Retail			i. Gross Density	0.00	dw/acre
			ii. Net Density	0.00	dw/acre
c) Total Property Size	4.99285381	Acres	iii. Unit Square Footage (average)		
d) Total Lot Coverage (buildings and pavement)	217,768	Square Feet	iv. Bedroom Mix		
e) Open space / landscaping	114,018	Square Feet	i. 0% 1 bdr	0%	%
f) Number of parking spaces provided (individually accessible)	52%	Percent	ii. 1% 2 bdr	0%	%
g) Land to be dedicated to the School District	103,750	Square Feet	iii. 2% 3 bdr	0%	%
h) Number of parking spaces provided (collectively accessible)	48%	Percent	iv. 3% 4 bdr	0%	%
i. surface parking lot	0	Acres	v. Number of Single Family Corner Lots	21167	units
perpendicular	138	spaces	j) Number of Single Family Attached Dwelling Units		
parallel	121	spaces	i. Gross Density	0.00	dw/acre
angled	13	spaces	ii. Net Density	0.00	dw/acre
handicapped	9	spaces	iii. Unit Square Footage (average)		
i. enclosed	0	spaces	iv. Bedroom Mix		
ii. bike	0	spaces	i. 0% 1 bdr	0%	%
			ii. 1% 2 bdr	0%	%
			iii. 2% 3 bdr	0%	%
			iv. 3% 4 bdr	0%	%
			v. Number of Multifamily Dwelling Units		
			i. Gross Density	0.00	dw/acre
			ii. Net Density	0.00	dw/acre
			iii. Unit Square Footage (average)		
			iv. Bedroom Mix		
			i. 0% 1 bdr	0%	%
			ii. 1% 2 bdr	0%	%
			iii. 2% 3 bdr	0%	%
			iv. 3% 4 bdr	0%	%
			v. Number of stories		
			i. Building Square Footage (typical)	30,028	square feet
			ii. Square Footage of retail floor area	21167	square feet
			iii. First Floor Building Square Footage (typical)	30,028	Linear Footage

INTECH CONSULTANTS, INC.

1989 UNIVERSITY LANE, SUITE D
ENGINEERS - SURVEYORS
LISLE, ILLINOIS 60532
PHONE: 630-964-5656

OWNER & PETITIONER:
GERARDO PARRA
215 JACKSON STREET
AURORA, ILLINOIS 60505

CINCO DE MAYO
SUBDIVISION

FINAL PLAN FOR
CINCO DE MAYO
SUBDIVISION

SCALE: 1"=30'

DATE: 03-29-16

DRAWN: JCP

DESIGNED: JCP

PROJECT NO.

2015-011

SHEET OF

1 2

SOLID STATE AREA LIGHTING
RAZAR SERIES-LED
SPECIFICATIONS

OPTICAL HOUSING
Heavy coat low copper aluminum (A356 alloy, <0.2% copper) assembly with integral cooling fins. The Optical Panel mounting surface is milled for surface variance <±0.007" to facilitate thermal transfer of heat to housing and cooling fins. Solid barrier wall separates optical and electrical compartments. The optical and electrical compartments are integrated to create one assembly. Minimum wall thickness is .188".

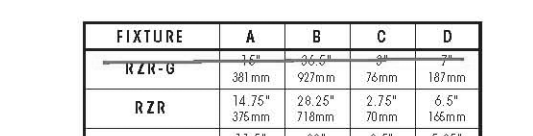
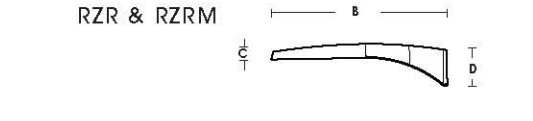
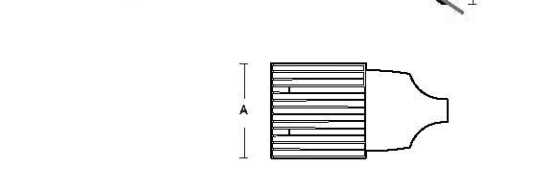
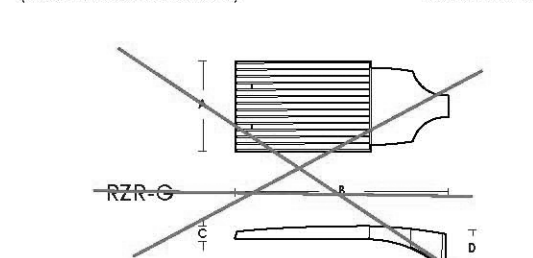
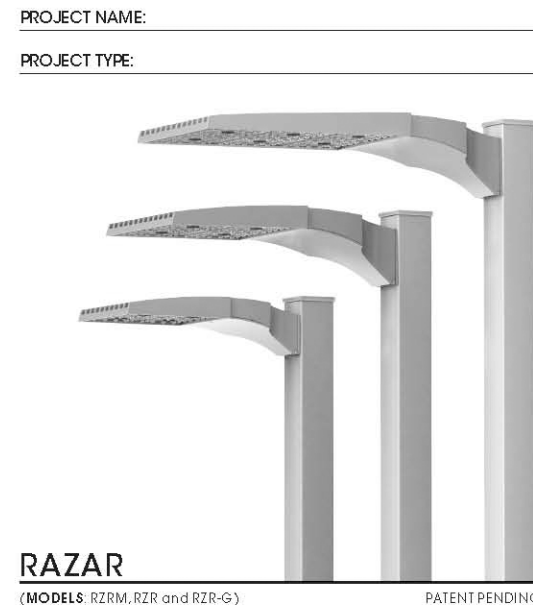
ELECTRICAL HOUSING w/ INTEGRATED ARM
Heavy coat low copper aluminum (A356 alloy, <0.2% copper) assembly with integral cooling fins surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments. The optical compartment and electrical compartment with the integrated support arm combine to create one assembly. Minimum wall thickness is .188". Cast and hinged driver assembly cover is integrated with wiring compartment cover.

PLED® OPTICS
Emitters (LED's) are arrayed on a metal core PCB panel with each emitter isolated on a copper thermal transfer pad and enclosed by an LED reflector. In asymmetric distributions a micro-reflector inside the reflector re-directs the house side emitter output towards the street side and functions as a house side shielding element. Reflectors are injection molded H12 acrylic. Each LED reflector is sealed to the PCB over an emitter and all reflectors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED reflectors produce standard site/area distributions. Panels are field replaceable and field retable in 90° increments.

LED DRIVER(S)
Constant current electronic with a power factor of > .90 and a minimum operating temperature of 40°F. Driver(s) are UL and cUL recognized and mounted directly against the Electrical Housing to facilitate thermal transfer. Field down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical array. Driver rated input of 120-277V, 50/60Hz or 347V/480V/50/60Hz.

LED EMITTERS
High output LEDs are utilized with drive currents ranging from 350mA to 1050mA, 70CRI. Minimum, LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

FINISH
Electrostatically applied GIL Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and non phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.

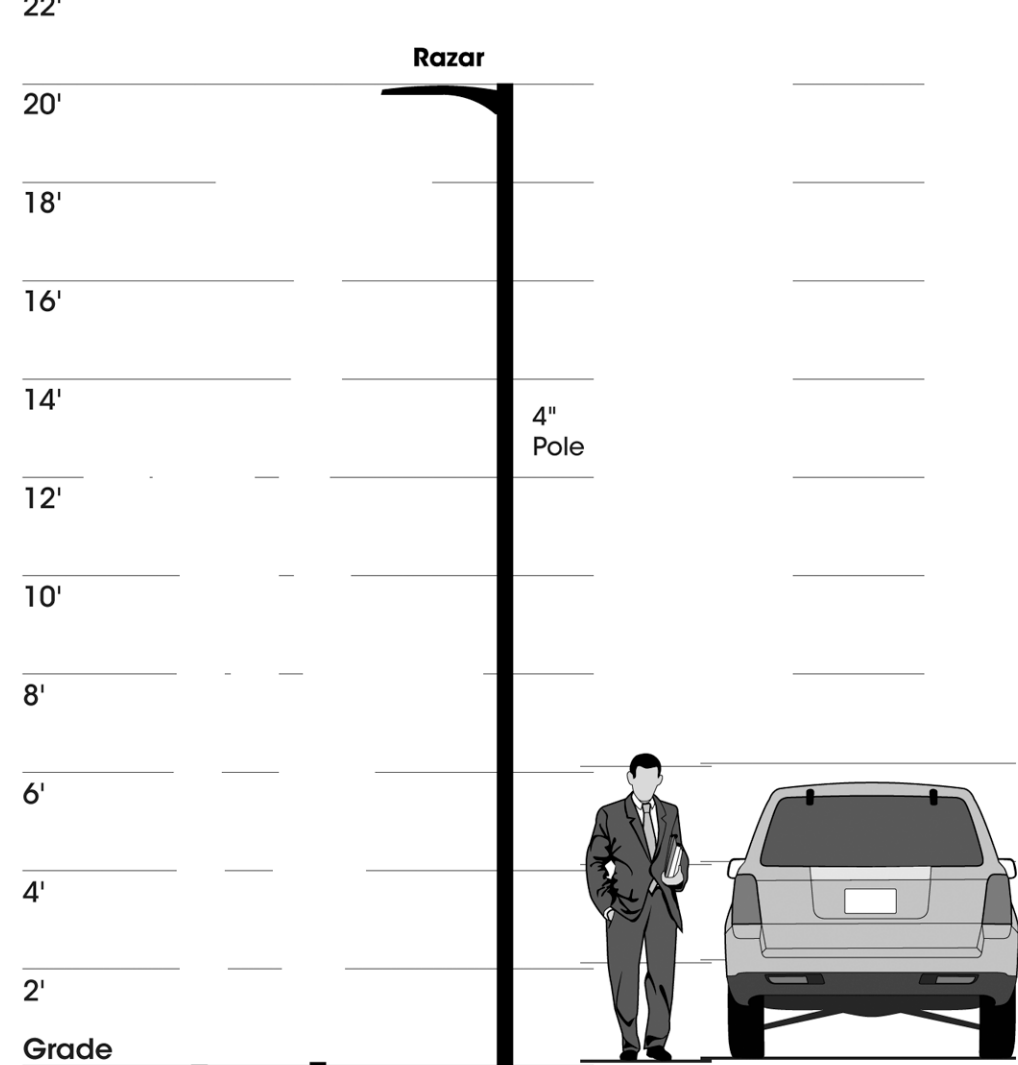


FIXTURE	A	B	C	D
RZR	14.3"	28.2"	2.7"	6.6"
RZR-M	11.6"	22"	2.5"	5.2"

U.S. Architectural Lighting

U.S. ARCHITECTURAL LIGHTING

Proportion Visualizer



U.S. ARCHITECTURAL LIGHTING

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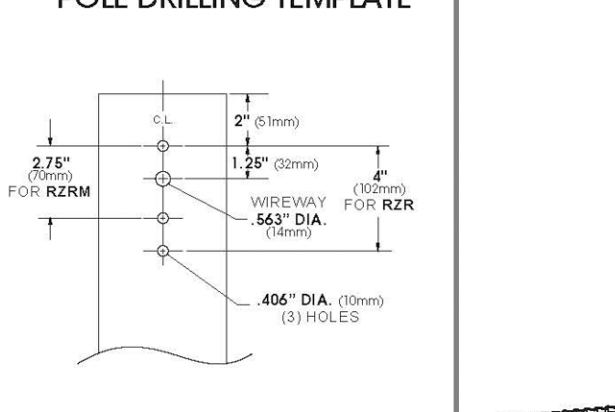
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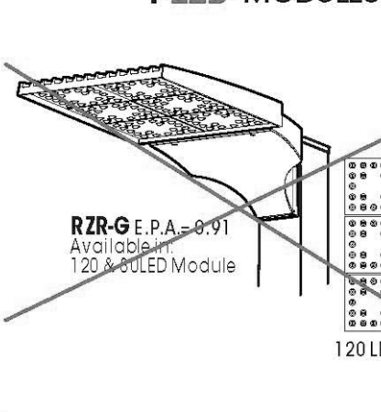
RAZAR SERIES-LED

SPECIFICATIONS

POLE DRILLING TEMPLATE



PLED® MODULES



Spec/Order Example: RZR-IV-FT-80LED-700mA/CW/277/RAL8019S/10SP

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MAX INPUT WATTAGE

OF LED'S 350mA 525mA 700mA 1050mA

100 350W 525W 700W 1050W

200 700W 1050W 1400W 2100W

300 1050W 1575W 2100W 3150W

400 1400W 2100W 2800W 4200W

500 1750W 2625W 3500W 5250W

600 2100W 3150W 4200W 6300W

700 2450W 3675W 4900W 7350W

800 2800W 4200W 5600W 8400W

900 3150W 4725W 6300W 9450W

1000 3500W 5250W 7000W 10500W

1100 3850W 5775W 7700W 11550W

1200 4200W 6300W 8400W 12600W

1300 4550W 6825W 9100W 13650W

1400 4900W 7350W 9800W 14700W

1500 5250W 7875W 10500W 15750W

1600 5600W 8400W 11200W 16800W

1700 5950W 8925W 11900W 17850W

1800 6300W 9450W 12600W 18900W

1900 6650W 9975W 13300W 19950W

2000 7000W 10500W 14000W 21000W

2100 7350W 11025W 14700W 22050W

2200 7700W 11550W 15400W 23100W

2300 8050W 12075W 16100W 24150W

2400 8400W 12600W 16800W 25200W

2500 8750W 13125W 17500W 26250W

2600 9100W 13650W 18200W 27300W

2700 9450W 14175W 18900W 28350W

2800 9800W 14700W 19600W 29400W

2900 10150W 15225W 20300W 30450W

3000 10500W 15750W 21000W 31500W

3100 10850W 16275W 21700W 32550W

3200 11200W 16800W 22400W 33600W

3300 11550W 17325W 23100W 34650W

3400 11900W 17850W 23800W 35700W

3500 12250W 18375W 24500W 36750W

3600 12600W 18900W 25200W 37800W

3700 12950W 19425W 25900W 38850W

3800 13300W 19950W 26600W 39900W

3900 13650W 20475W 27300W 40950W

4000 14000W 21000W 28000W 42000W

4100 14350W 21525W 28700W 43050W

4200 14700W 22050W 29400W 44100W

4300 15050W 22575W 30100W 45150W

4400 15400W 23100W 30800W 46200W

4500 15750W 23625W 31500W 47250W

4600 16100W 24150W 32200W 48300W

4700 16450W 24675W 32900W 49350W

4800 16800W 25200W 33600W 50400W

4900 17150W 25725W 34300W 51450W

5000 17500W 26250W 35000W 52500W

5100 17850W 26775W 35700W 53550W

5200 18200W 27300W 36400W 54600W

5300 18550W 27825W 37100W 55650W

5400 18900W 28350W 37800W 56700W

5500 19250W 28875W 38500W 57750W

5600 19600W 29400W 39200W 58800W

5700 19950W 29925W 39900W 59850W

5800 20300W 30450W 40600W 60900W

5900 20650W 30975W 41300W 61950W

6000 21000W 31500W 42000W 63000W

6100 21350W 32025W 42700W 64050W

6200 21700W 32550W 43400W 65100W

6300 22050W 33075W 44100W 66150W

6400 22400W 33600W 44800W 67200W

6500 22750W 34125W 45500W 68250W

6600 23100W 34650W 46200W 69300W

6700 23450W 35175W 46900W 70350W

JOB NAME / AGENCY

PARRA CINCO DE MAYO
Pilipuf-Grist & Associates, Inc.

POINT-BY-POINT CALCULATION

Illuminance at Grade (Footcandles)
SCALE: 1" = 30'0"

NOTES:

See schedule for luminaire specifications.
Luminaire Symbols are not to scale.
Varying the position, mounting height,
or orientation from what is specified in this
drawing will invalidate the calculation performed.

U.S. ARCHITECTURAL LIGHTING

Applications Department
660 West Avenue O
Palmdale, CA 93551
(661) 23