



June 27, 2016

City of Mesa
Attn: Andrew Spurgin
Planning Department
55 N. Center St.
Mesa, AZ 85201

**Re: Raising Cane's Proposed Development
Design Review – Project Narrative**

Dear Andrew:

It is our pleasure to submit to you the Design Review package for our proposed development at 1930 South Greenfield Road. Our design team has been hard at work designing a plan that blends the City of Mesa Planning Design Standards and suggestions with tenant needs and site challenges. This has resulted in what we believe to be a realistic and achievable site design that will bring a new and exciting restaurant concept to this trade area.

Project Description & Development Request

The property is a 34,427 net square foot (.79 acre) parcel located north of the northwest corner of Baseline Road & Greenfield road. It is currently zoned Limited Commercial (LC). The site is a vacant bank branch, which contains one existing building that is 4,871 square feet. Our development request is to demolish the existing building and construct a new 3,041 square foot restaurant building.

Raising Cane's is a unique restaurant concept, specializing in quality chicken finger meals. They are able to do this by offering an intentionally limited menu of fresh chicken and quality ingredients. They use fresh premium chicken tenderloins with a 24-hour marinade. They are also known for their homemade "Caniac Sauce" and crinkle-cut fries, made from center-cut Idaho potatoes. The pride they have for their food and their operation is very apparent, as their friendly staff greets customers walking-in, and then delivers your meal to your table. They are also very active in local community issues and events in the areas they are located.

At 3,041 square feet, the proposed building footprint has 8.83% lot coverage. Our proposed site plan also enables us to have 32.4% landscaping coverage across the net parcel area.

Thank you in advance for your consideration of our project. We look forward to working with the City of Mesa on another successful development!

Sincerely,

Cameron Miller
Evergreen Devco, Inc.

enclosure

LEGAL DESCRIPTION

A PORTION OF LOT 2, GREENFIELD SUPER K-MART CENTER A SUBDIVISION RECORDED IN BOOK 574 OF MAPS, PAGE 31, RECORDS OF MARICOPA COUNTY, ARIZONA, AND BEING LOCATED IN THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 1 NORTH, RANGE 6 EAST OF THE GILA AND SALT RIVER AND MERIDIAN, MARICOPA COUNTY, ARIZONA MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 33, A BRASS CAP IN HANDHOLE, FROM WHICH THE SOUTH QUARTER CORNER OF SAID SECTION 33, A BRASS CAP IN HANDHOLE, BEARS NORTH 89 DEGREES 46 MINUTES 24 SECONDS EAST, (BASIS OF BEARINGS) A DISTANCE OF 2616.89 FEET;

THENCE ALONG THE SOUTH LINE OF SAID SECTION 33, BEING THE MONUMENT LINE FOR EAST BASELINE ROAD, SOUTH 89 DEGREES 46 MINUTES 24 SECONDS EAST, A DISTANCE OF 874.48 FEET TO A POINT ON THE MONUMENT LINE FOR SOUTH GREENFIELD ROAD, AS SHOWN ON FINAL PLAT OF GREENFIELD SUPER K-MART CENTER A SUBDIVISION RECORDED IN BOOK 574 OF MAPS, PAGE 31, RECORDS OF MARICOPA COUNTY, ARIZONA;

THENCE NORTH 00 DEGREES 16 MINUTES 37 SECONDS WEST, ALONG SAID MONUMENT LINE, A DISTANCE OF 225.16 FEET TO A POINT OF CURVATURE RIGHT;

THENCE CONTINUING ALONG SAID MONUMENT LINE ALONG SAID CURVE RIGHT, HAVING A RADIUS OF 2000.00 FEET, A CENTRAL ANGLE OF 07 DEGREES 12 MINUTES 57 SECONDS, AN ARC DISTANCE OF 251.88 FEET TO A POINT ON THE CURVE;

THENCE NORTH 83 DEGREES 03 MINUTES 40 SECONDS WEST, A DISTANCE OF 75.00 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF SAID SOUTH GREENFIELD ROAD AS SHOWN ON SAID FINAL PLAT AND THE TRUE POINT OF BEGINNING;

THENCE NORTH 84 DEGREES 01 MINUTES 31 SECONDS WEST, A DISTANCE OF 65.25 FEET;

THENCE NORTH 07 DEGREES 46 MINUTES 25 SECONDS EAST, A DISTANCE OF 61.06 FEET;

THENCE NORTH 81 DEGREES 24 MINUTES 33 SECONDS WEST, A DISTANCE OF 33.33 FEET;

THENCE NORTH 20 DEGREES 28 MINUTES 12 SECONDS WEST, A DISTANCE OF 60.23 FEET;

THENCE NORTH 74 DEGREES 33 MINUTES 18 SECONDS WEST, A DISTANCE OF 28.03 FEET TO A POINT OF CURVATURE RIGHT;

THENCE ALONG SAID CURVE RIGHT, HAVING A RADIUS OF 22.00 FEET, A CENTRAL ANGLE OF 90 DEGREES 00 MINUTES 00 SECONDS, AN ARC DISTANCE OF 34.56 FEET TO A POINT OF TANGENCY;

THENCE NORTH 15 DEGREES 26 MINUTES 42 SECONDS EAST, A DISTANCE OF 128.06 FEET;

THENCE SOUTH 68 DEGREES 18 MINUTES 41 SECONDS EAST, A DISTANCE OF 101.63 FEET;

THENCE SOUTH 76 DEGREES 29 MINUTES 08 SECONDS EAST, A DISTANCE OF 78.37 FEET TO A POINT ON THE AFOREMENTIONED WEST RIGHT-OF-WAY LINE OF SOUTH GREENFIELD ROAD, SAID POINT BEING ON A NON-TANGENT CURVE LEFT, HAVING A RADIAL BEARING OF SOUTH 76 DEGREES 31 MINUTES 01 SECONDS EAST;

THENCE ALONG SAID WEST RIGHT-OF-WAY ALONG SAID CURVE LEFT, HAVING A RADIUS OF 2065.00 FEET, A CENTRAL ANGLE OF 02 DEGREES 09 MINUTES 41 SECONDS, AN ARC DISTANCE OF 77.90 FEET TO A NON-TANGENT POINT;

THENCE CONTINUING ALONG SAID WEST RIGHT-OF-WAY LINE NORTH 78 DEGREES 40 MINUTES 43 SECONDS WEST, A DISTANCE OF 10.00 FEET TO A POINT ON A NON-TANGENT CURVE LEFT, HAVING A RADIAL BEARING OF SOUTH 78 DEGREES 40 MINUTES SECONDS EAST;

THENCE CONTINUING ALONG SAID WEST RIGHT-OF-WAY, ALONG SAID CURVE LEFT, HAVING A RADIUS OF 2075.00 FEET, A CENTRAL ANGLE OF 04 DEGREES 22 MINUTES 57 SECONDS, AN ARC DISTANCE OF 158.72 FEET TO THE TRUE POINT OF BEGINNING.

SAID PARCEL CONTAINS 34,281 SQUARE FEET OR 0.787 ACRES, MORE OR LESS.

FLOOD ZONE

THE SUBJECT PROPERTY LIES ENTIRELY IN ZONE X-SHADED (AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD) ACCORDING TO THE FLOOD INSURANCE RATE MAP FOR THE COUNTY OF MARICOPA, COMMUNITY PANELS NO. 04013C2288M, EFFECTIVE DATE NOVEMBER 4, 2015.

PROJECT DESCRIPTION AND DRAINAGE STATEMENT

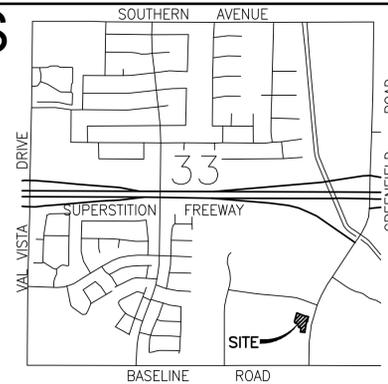
THIS IS AN EXISTING COMMERCIAL CENTER THAT WAS CONSTRUCTED IN THE EARLY 2000'S. ALL INFRASTRUCTURE INCLUSIVE OF PAVING, STORM DRAINAGE, SEWER, WATER AND RETENTION FACILITIES WERE CONSTRUCTED, APPROVED AND ACCEPTED AT THAT TIME. THIS PROJECT PROPOSES TO DEMOLISH THE EXISTING BANK SITE AND REPLACE IT WITH A NEW RAISING CANE'S RESTAURANT BUILDING AND REVISED PARKING AND HARDSCAPE IN THE IMMEDIATE VICINITY. RETENTION VOLUME FOR THE PROPOSED IMPROVEMENTS IS ALREADY PROVIDED IN THE EXISTING RETENTION BASIN LOCATED APPROXIMATELY 200' NORTHWEST OF THE SITE. THEREFORE, NO ADDITIONAL RETENTION VOLUME IS REQUIRED WITH THESE PROPOSED IMPROVEMENTS. ALL PROPOSED DRAINAGE PATTERNS WILL MATCH THE INTENT OF THE MASTER DRAINAGE REPORT FOR THE OVERALL SITE.

PRELIMINARY GRADING, DRAINAGE AND UTILITY PLANS

FOR RAISING CANE'S

**1930 SOUTH GREENFIELD ROAD, MESA, ARIZONA
SEC OF BASELINE ROAD AND GREENFIELD ROAD**

A PORTION OF LOT 2, FINAL PLAT OF GREENFIELD SUPER K-MARK CENTER", ACCORDING TO BOOK 574, PAGE 31, RECORDS OF MARICOPA COUNTY, ARIZONA AND BEING LOCATED IN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 1 NORTH, RANGE 6 EAST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA



VICINITY MAP
SEC 33, T. 1 N, R. 6 E.

ENGINEER:

OPTIMUS CIVIL DESIGN GROUP
4650 EAST COTTON CENTER BLVD.,
SUITE 200
PHOENIX, ARIZONA 85034
PHONE: (602) 286-9300
FAX: (602) 286-9400
CONTACT: JEFF BEHRANA

DEVELOPER

EVERGREEN DEVELOPMENT COMPANY
2390 EAST CAMELBACK ROAD,
SUITE 410
PHOENIX, ARIZONA 85016
PHONE: (602) 808-8600
CONTACT: CAMERON MILLER

ARCHITECT

KERPAN PLANNING AND DESIGN, LLC
1374 EAST GRAND CANYON DRIVE
CHANDLER, ARIZONA 85249
PH: (602) 329-0192
CONTACT: KEVIN KERPAN

BASIS OF BEARINGS

N89°46'24"E ALONG THE SOUTH LINE OF SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 1 NORTH, RANGE 6 EAST AS RECORDED IN BOOK 949, PAGE 38, M.C.R.

BENCHMARK

VAL VISTA AND BASELINE ROAD
BRASS TAG TOP CURB, NORTHEAST CORNER;
ELEV. = 1260.82 (CITY OF MESA DATUM)

SITE BENCHMARK #1

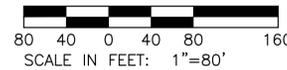
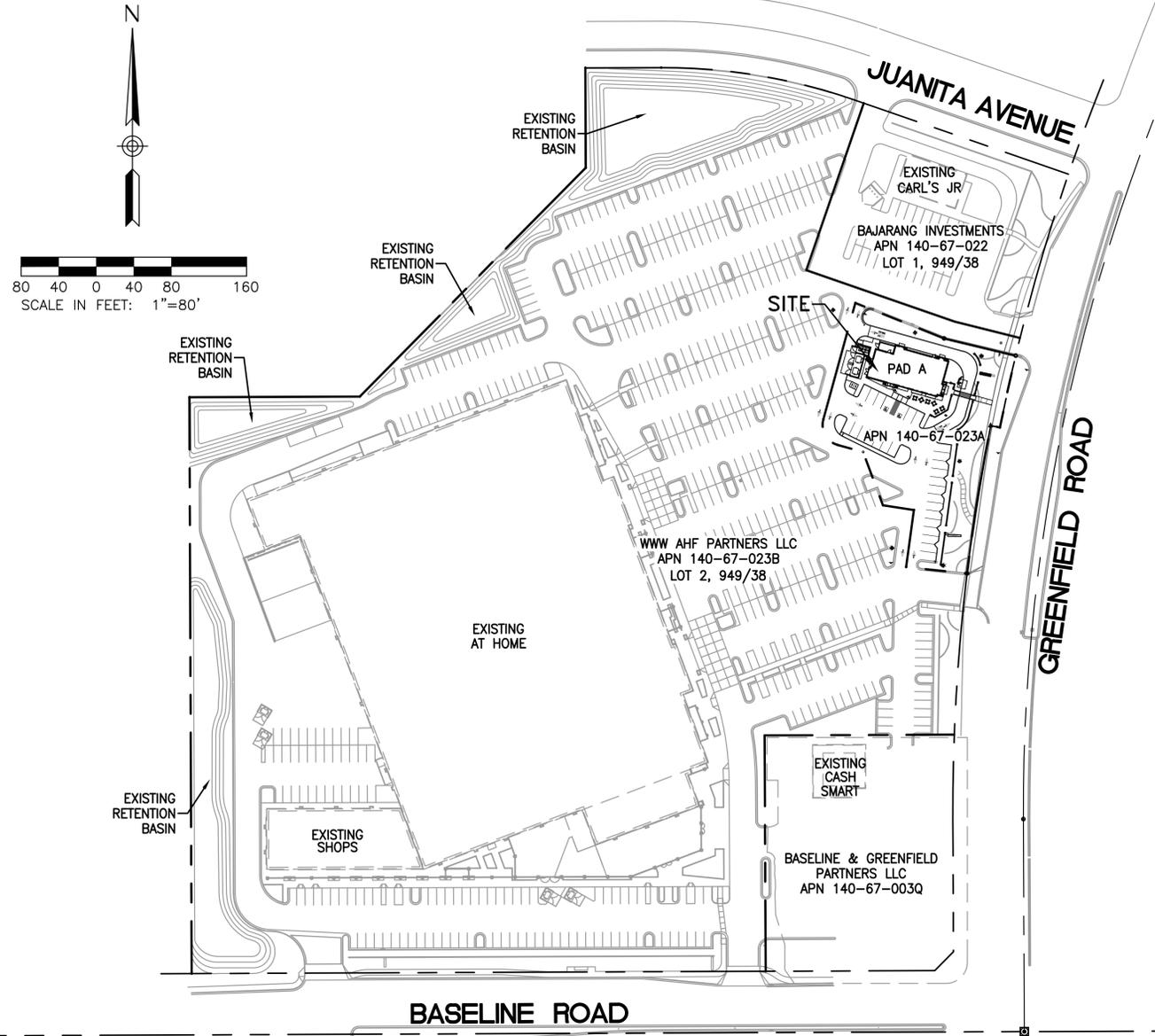
NORTHWEST PROPERTY CORNER
FOUND 1/2" REBAR WITH TAG LS #14145 IN PAVEMENT;
ELEV. = 1275.36 (CITY OF MESA DATUM)

SITE BENCHMARK #2

NORTH EAST BOLT ON FIRE HYDRANT APPROXIMATELY 35' WEST OF NORTHWEST PROPERTY CORNER;
ELEV. = 1277.32 (CITY OF MESA DATUM)

INDEX OF PLAN SHEETS

- 1 (C-1) COVER SHEET
- 2 (C-2) PRELIMINARY GRADING, DRAINAGE AND UTILITY PLAN



KEY MAP

LEGEND		
● FOUND BRASS CAP IN HAND HOLE	⊕ EXISTING CATCH BASIN	⊠ EXISTING TRANSFORMER
⊙ FOUND BRASS CAP FLUSH	⊕ EXISTING STORM DRAIN MANHOLE	⊠ EXISTING PULL/JUNCTION BOX
⊙ FOUND MONUMENT AS SHOWN	⊕ EXISTING SIGN	⊠ EXISTING ELECTRIC UTILITY
○ SET 1/2" REBAR WITH CAP	⊕ EXISTING SANITARY SEWER MANHOLE	⊠ EXISTING LIGHT POLE
△ SET PK NAIL	○ EXISTING SEWER CLEANOUT	⊠ EXISTING STORM DRAIN
---	○ EXISTING TRAFFIC SIGNAL	---S---
---	⊕ EXISTING FIRE HYDRANT	---W---
---	⊕ EXISTING BACKFLOW PREVENTER	---G---
---	⊕ EXISTING WATER VALVE	-1425-
---	⊕ EXISTING UTILITY POLE	→ FLOW ARROW
---	⊕ EXISTING POST	

NO.	REVISION	DATE

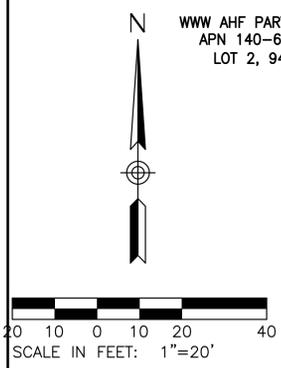
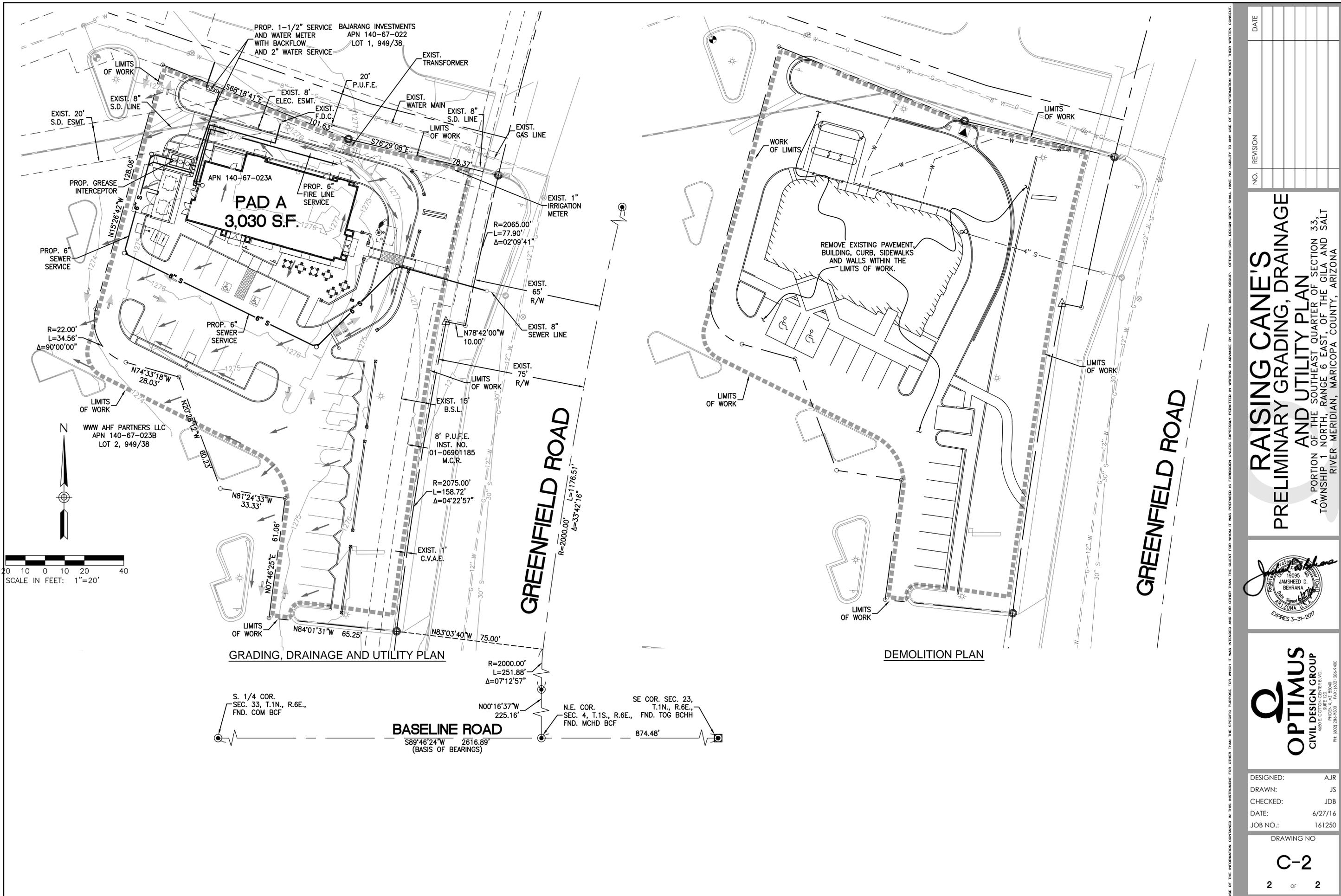
RAISING CANE'S COVER SHEET
 A PORTION OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 1 NORTH, RANGE 6 EAST, OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA



DESIGNED: AJR
 DRAWN: JS
 CHECKED: JDB
 DATE: 6/27/16
 JOB NO.: 161250

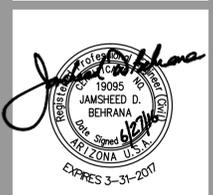
DRAWING NO
C-1
 1 of 2

USE OF THIS INFORMATION CONTAINED IN THIS INSTRUMENT FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS INTENDED AND FOR OTHER THAN THE CLIENT FOR WHOM IT WAS PREPARED IS FORBIDDEN UNLESS EXPRESSLY PERMITTED IN WRITING IN ADVANCE BY OPTIMUS CIVIL DESIGN GROUP. OPTIMUS CIVIL DESIGN GROUP SHALL HAVE NO LIABILITY TO ANY USER OF THIS INFORMATION WITHOUT THEIR WRITTEN CONSENT.



NO.	REVISION	DATE

**RAISING CANE'S
PRELIMINARY GRADING, DRAINAGE
AND UTILITY PLAN**
A PORTION OF THE SOUTHEAST QUARTER OF SECTION 33,
TOWNSHIP 1 NORTH, RANGE 6 EAST, OF THE GILA AND SALT
RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA



OPTIMUS CIVIL DESIGN GROUP
CIVIL DESIGN GROUP
4650 E. COTTON CENTER BLVD.
PHOENIX, AZ 85040
PH: (602) 284-9300 FAX: (602) 284-9400

DESIGNED: AJR
DRAWN: JS
CHECKED: JDB
DATE: 6/27/16
JOB NO.: 161250

DRAWING NO
C-2
2 OF 2

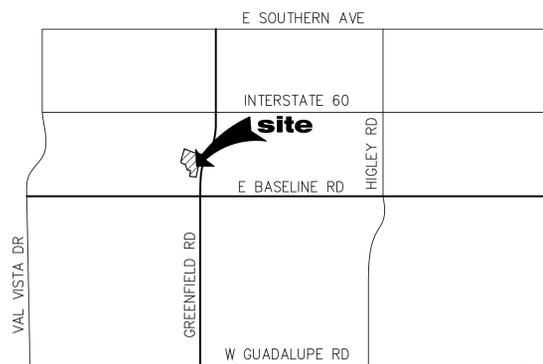
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Legend

- EXISTING FIRE HYDRANT
- EXISTING ELECTRICAL CABINET
- ADA STREET ACCESS
- NEW LIGHT POLE
- EXISTING LIGHT POLE
- NEW BOLLARD

legal description

SEE CIVIL ENGINEERING DRAWINGS.



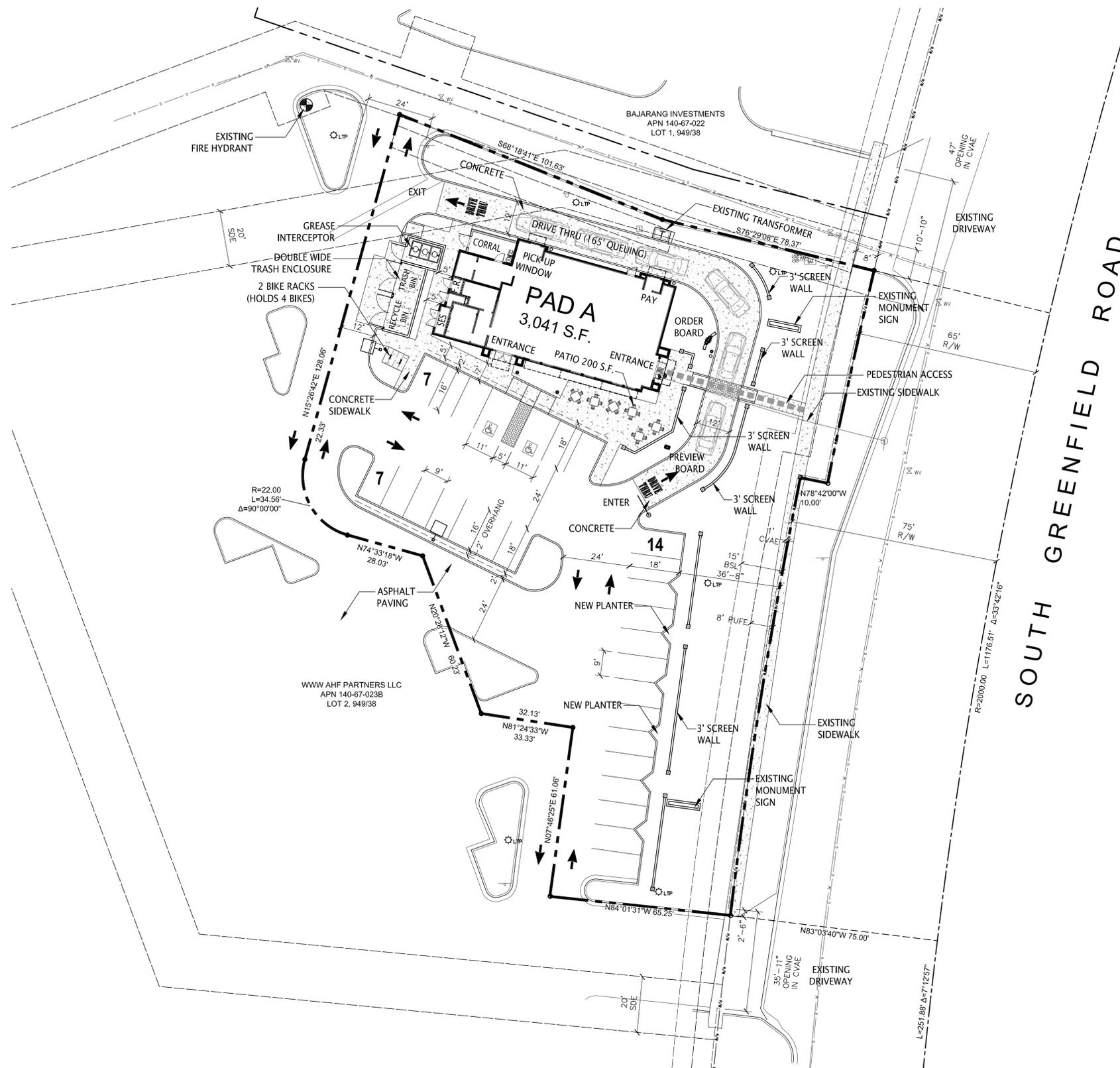
vicinity map

scale: n.t.s.



site plan

scale: 1" = 20'-0"



project directory

DEVELOPER:
 EVERGREEN DEVELOPMENT COMPANY
 2390 EAST CAMELBACK ROAD, SUITE 410
 PHOENIX, ARIZONA 85016
 CONTACT: CAMERON MILLER
 PHONE: (602) 808-8600
 E-MAIL: cmiller@evgre.com

TENANT REPRESENTATIVE:
 KERPAN PLANNING AND DESIGN, LLC
 1374 E. GRAND CANYON DRIVE
 CHANDLER, ARIZONA 85249
 CONTACT: KEVIN D. KERPAN
 PHONE: (602) 329-0192
 E-MAIL: kevin@kerpanplanningdesign.com

ARCHITECT:
 dCHANG ARCHITECTS, LLC
 5682 WEST GARY DRIVE
 CHANDLER, ARIZONA 85226
 CONTACT: DUNCAN J. CHANG
 PHONE: (480) 289-0243
 E-MAIL: djc@dchangarchitects.com

CIVIL ENGINEER:
 OPTIMUS CIVIL DESIGN GROUP, INC.
 4650 E. COTTON CENTER BLVD., SUITE 240
 PHOENIX, ARIZONA 85040
 CONTACT: ADAM RAUSCHER
 PHONE (602) 286-9300
 E-MAIL: arauscher@optimuscvg.com

project description

THIS PROJECT IS LOCATED ON THE NWC OF GREENFIELD ROAD AND BASELINE ROAD IN MESA, ARIZONA. THE PROPERTY IS 0.79 ACRES IN SIZE AND IS SURROUNDED BY EXISTING COMMERCIAL BUILDINGS. THIS PROJECT WILL CONSIST OF A 3,041 S.F. RESTAURANT BUILDING (PAD A) AND PROVIDES A DRIVE THRU LANE.

site data

PARCEL NUMBER: 140-67-023A
 EXISTING ZONING: LC

GROSS SITE AREA: 1.17 ACRES (50,905 S.F.)
 NET SITE AREA: 0.79 ACRES (34,427 S.F.)
 PROPOSED USE: RESTAURANT WITH DRIVE THROUGH

BUILDING AREA: 3,041 S.F.
 PAD A: 3,041 S.F.

TOTAL BUILDING AREA: 3,041 S.F.
 SITE COVERAGE: 8.8%
 LOT COVERAGE / F.A.R.: 0.1

TOTAL PARKING REQUIRED: 32 SPACES
 PAD A RESTAURANT (3,041 S.F.):
 RESTAURANT: 3,041 S.F. @ 1/100 S.F. = 31 SPACES
 PATIO: 200 S.F. @ 1/200 S.F. = 1 SPACE

TOTAL PARKING PROVIDED: 28 SPACES*
 (9.2/1000)
 ACCESSIBLE SPACES REQUIRED: 2 SPACES
 ACCESSIBLE SPACES PROVIDED: 2 SPACES

BICYCLE PARKING REQUIRED: 4 SPACES
 BICYCLE PARKING PROVIDED: 4 SPACES

*NOTE: PARKING REDUCTION OF 4 SPACES REQUIRED.

landscape data

TOTAL LANDSCAPING AREA: 11,157 S.F.
 TOTAL LANDSCAPE COVERAGE OF NET AREA: 32.4%

dChang Architects, LLC
 Architecture . Interiors . Planning
 5682 West Gary Drive, Chandler, Arizona 85226 / Phone: 480.289.0243



Raising Cane's
 1930 South Greenfield Road
 Mesa, Arizona 85206

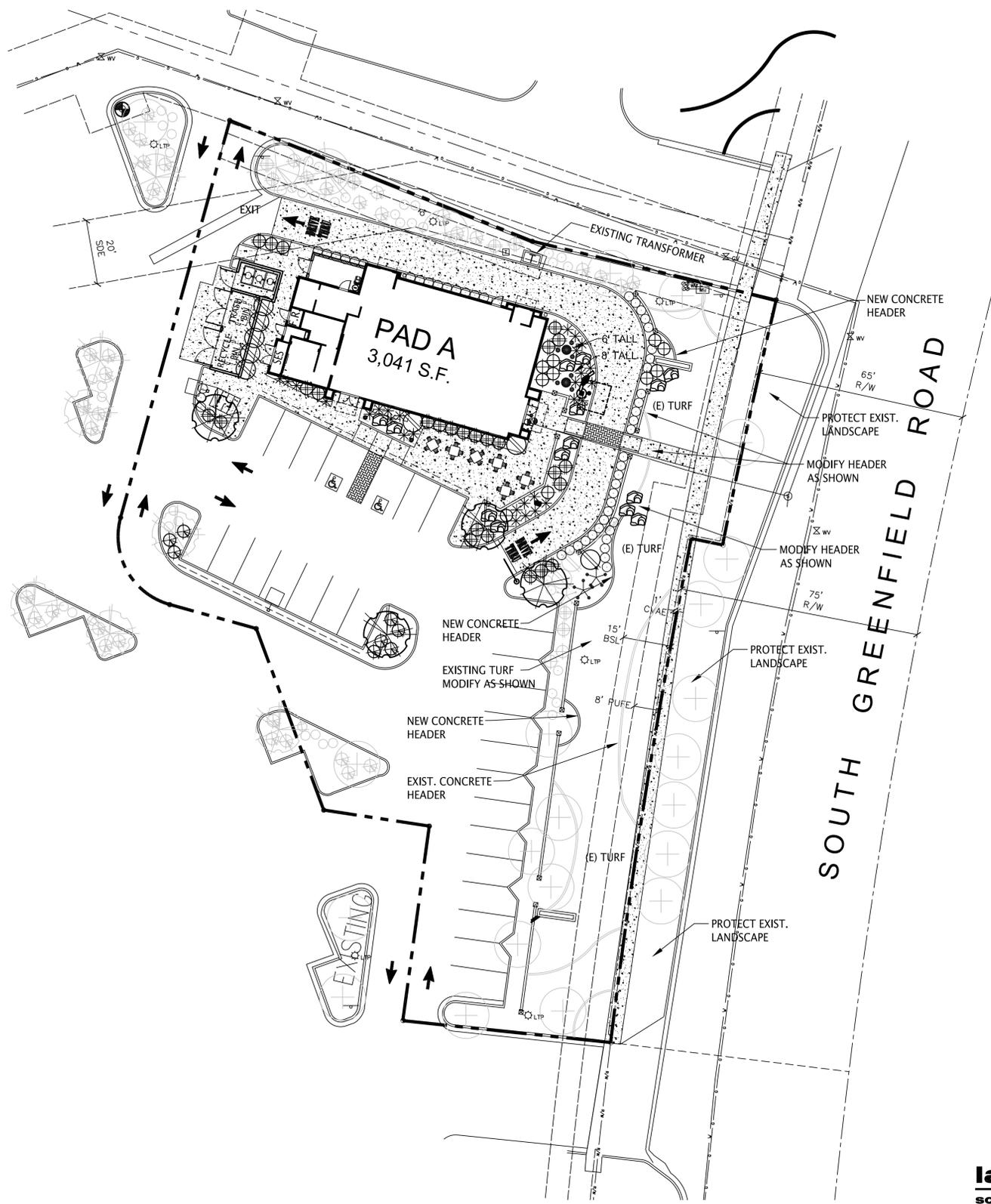
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 NOT FOR
 CONSTRUCTION OR RECORDING

Evergreen Development Company

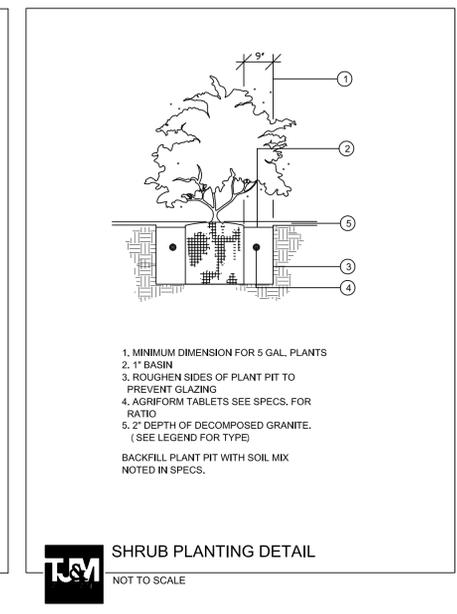
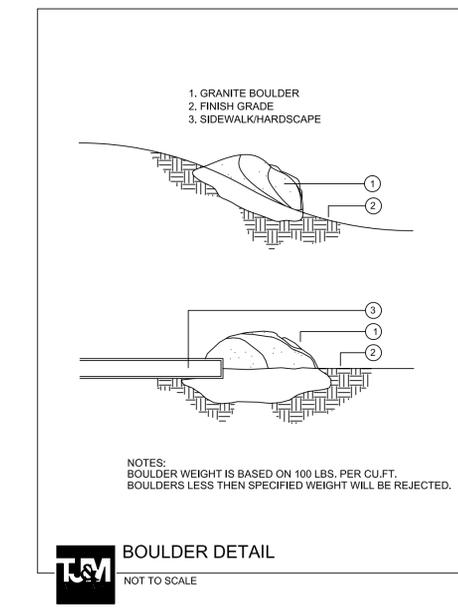
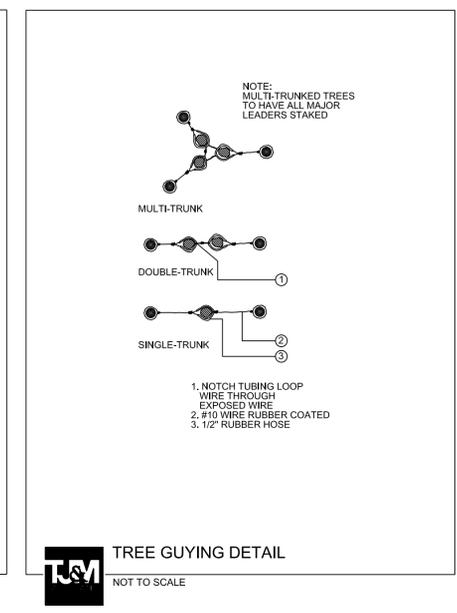
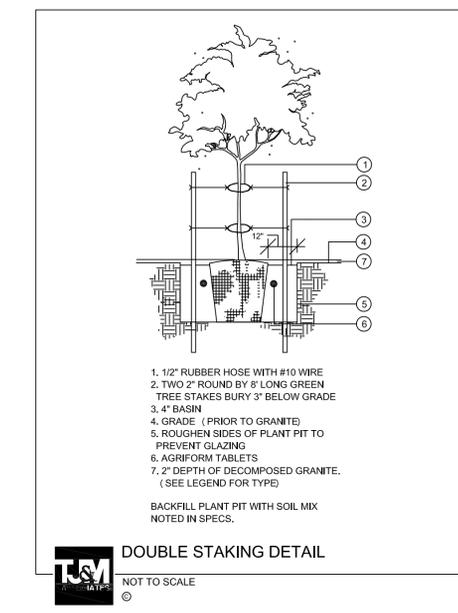
Project number: 16008

Date: June 24, 2016

SP-1



- ### LANDSCAPE LEGEND
- EXISTING**
 - ULMUS PARVIFOLIA EVERGREEN ELM 24" BOX (MATCHING)
 - NO NEW PROPOSED**
 - WASHINGTONIA ROBUSTA MEXICAN FAN PALM 20' TRUNK FT.
 - PROSOPIS CHILENSIS CHILEAN MESQUITE (THORNLESS) 15 GALLON
 - LEUCOPHYLLUM FRUTESCENS 'GREEN CLOUD' 5 GALLON
 - CAESALPINIA MEXICANA MEXICAN BIRD OF PARADISE 5 GALLON
 - TECOMA 'ORANGE JUBILEE' ORANGE JUBILEE 5 GALLON
 - DASYLIRION WHEELERII 'DESERT SPOON' 5 GALLON
 - HESPERALOE PARVIFLORA RED YUCCA 5 GALLON
 - LANTANA MONTEVIDENSIS 'GOLD MOUND' 5 GALLON
 - CONVOLVULUS CNEORUM BUSH MORNING GLORY 1 GALLON
 - CARNEGIA GIGANTEA SAGUARO 6' AND 8' TALL SPEARS
 - 4" CALIPER MINIMUM EXISTING PHASE 1 TREE PROTECT DURING CONSTRUCTION
 - ALOE 'BLUE ELF' BLUE ELF ALOE 1 GALLON
 - 3'x3'x3' SURFACE SELECT GRANITE BOULDER MINIMUM 2000lbs EACH
 - 1/2" MINUS MADISON GOLD DECOMPOSED GRANITE 2" DEPTH IN ALL LANDSCAPE AREAS



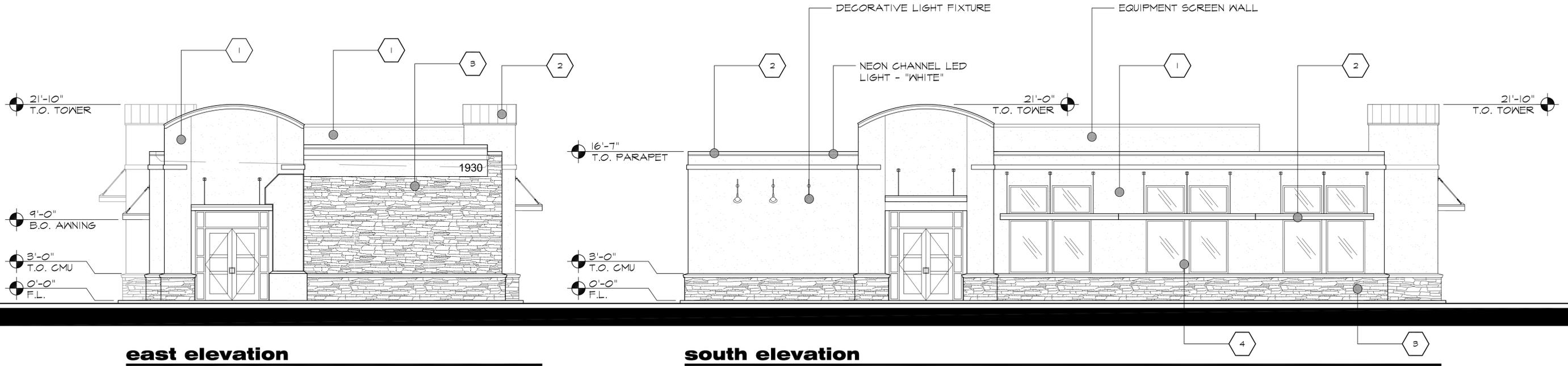
T.J. McQUEEN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
URBAN DESIGN
SITE PLANNING
8433 East Cholla St., Suite 101
Scottsdale, Arizona 85260
P. (602) 265-0320 F. (602) 266-6619
EMAIL: timmcqueen@tjma.net

dChang Architects, LLC
Architecture Interiors Planning
5682 West Gary Drive, Chandler, Arizona 85226 / Phone: 480.289.0243

Raising Cane's
4075 S. Arizona Avenue
Chandler, Arizona 85248

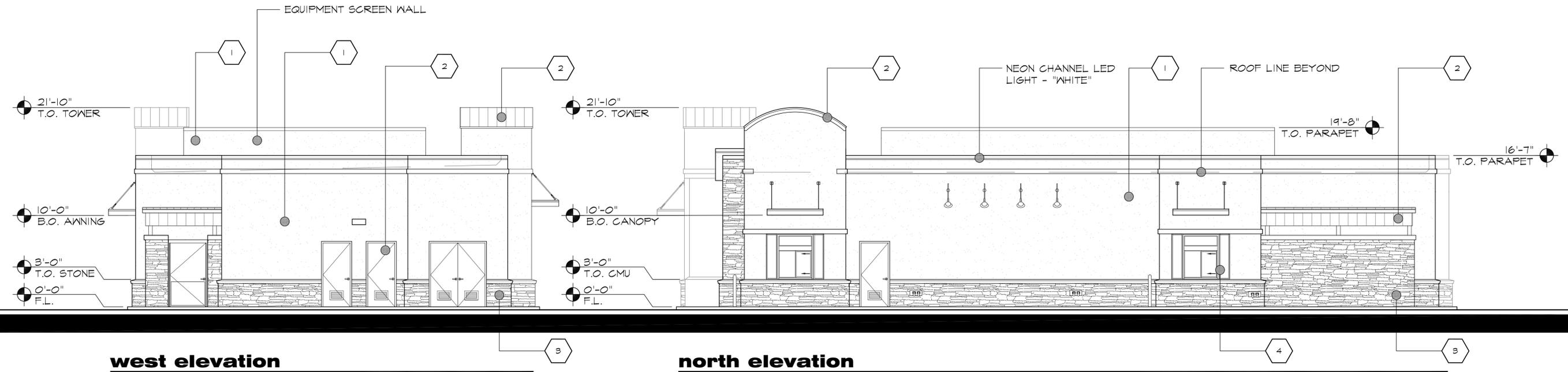


Evergreen Development Company
Project number: 16008
Date: 06.27.16
La.01



east elevation

south elevation



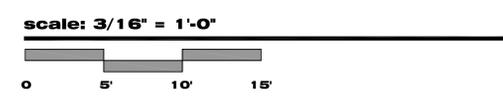
west elevation

north elevation

color and materials

1	DRYVIT "HONEY TWIST" #889 PEBBLE FINISH	2	STANDING SEAM METAL ROOF AND METAL CANOPIES "MATTE BLACK"	3	ELDORADO STONE, MOUNTAIN LEDGE COLOR "DURANGO" DRY STACK JOINT MORTAR	4	ALUMINUM STOREFRONT SYSTEM, MILL FINISH W/ CLEAR GLASS WINDOW SYSTEM
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pad a
conceptual elevations



Raising Cane's
1930 South Greenfield Road
Mesa, Arizona

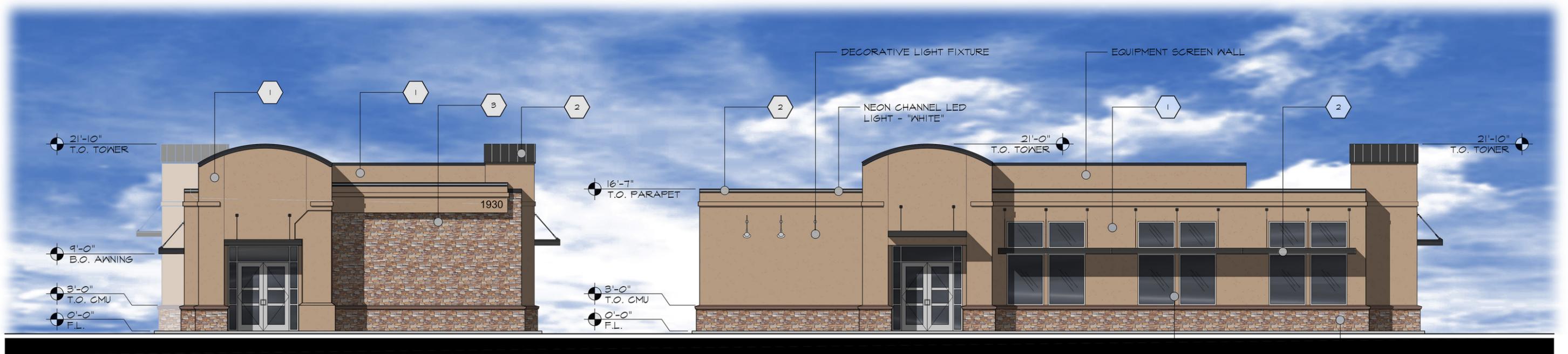
PRELIMINARY
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Evergreen Development Company

Project number: 16008

Date: June 24, 2016

EL-1



east elevation

south elevation

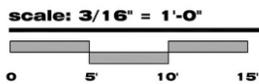


west elevation

north elevation

color and materials

1	DRYVIT "HONEY TWIST" #900 PEBBLE FINISH	3	STANDING SEAM METAL ROOF AND METAL CANOPIES "MATTE BLACK"	5	ELDORADO STONE, MOUNTAIN LEDGE COLOR "DURANGO" DRY STACK JOINT MORTAR	4	ALUMINUM STOREFRONT SYSTEM, MILL FINISH W/ CLEAR GLASS WINDOW SYSTEM
---	---	---	--	---	--	---	---



pad a
conceptual elevations



Raising Cane's
1930 South Greenfield Road
Mesa, Arizona



Evergreen Development Company

Project number: 16008

Date: June 24, 2016

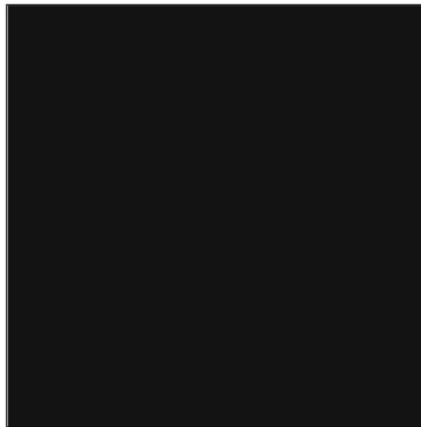
EL-1

colors



1 STUCCO - DRYVIT
"HONEY TWIST"
#383
PEBBLE FINISH

metal



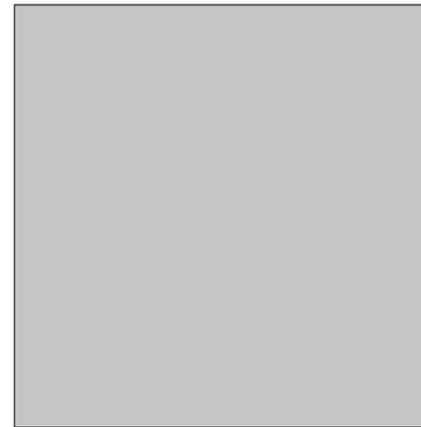
2 STANDING SEAM
METAL ROOF AND
METAL CANOPIES
"MATTE BLACK"

stone veneer



3 ELDORADO STONE
MOUNTAIN LEDGE
COLOR "DURANGO"
DRY-STACK JOINT,
MORTAR

storefront



4 ALUMINUM
STOREFRONT SYSTEM
MILL FINISH
W/ CLEAR GLASS
WINDOW SYSTEM

cmu



5 SUPERLITE SPLIT-FACE
CMU BLOCK - PAINTED
TO MATCH "HONEY TWIST"

color and materials



east elevation

south elevation



west elevation

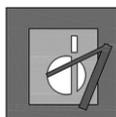
north elevation

color and materials

1	DRYVIT "HONEY TWIST" #900 PEBBLE FINISH	3	STANDING SEAM METAL ROOF AND METAL CANOPIES "MATTE BLACK"	5	ELDORADO STONE, MOUNTAIN LEDGE COLOR "DURANGO" DRY STACK JOINT MORTAR
2		4		6	ALUMINUM STOREFRONT SYSTEM, MILL FINISH W/ CLEAR GLASS WINDOW SYSTEM

pad a
conceptual elevations

scale: 3/16" = 1'-0"



dChang Architects, LLC
Architecture . Interiors . Planning
5682 West Gary Drive, Chandler, Arizona 85226 / Phone: 480.289.0243

Raising Cane's
1930 South Greenfield Road
Mesa, Arizona



Evergreen Development Company

Project number: 16008

Date: June 24, 2016

EL-1



**Existing Monument Sign
New Tenant Panel**

**1930 S. Greenfield Road
Mesa, Arizona**





CLEARANCE 10'0"



1930



FEATURES & SPECIFICATIONS

INTENDED USE – Ideal for parking areas, street lighting, walkways and car lots.

CONSTRUCTION – Rugged, die-cast, soft corner aluminum housing with 0.12" nominal wall thickness. Die-cast door frame has impact-resistant, tempered, glass lens that is fully gasketed with one-piece tubular silicone. Finish: Standard finish is dark bronze (DDB) polyester powder finish, with other architectural colors available.

OPTICS – Anodized, aluminum reflectors: IES full cutoff distributions R2 (asymmetric), R3 (asymmetric), R4 (forward throw) and R55 (square) are interchangeable. High-performance anodized, segmented aluminum reflectors IES full cutoff distributions SR2 (asymmetric), SR3 (asymmetric) and SR4SC (forward throw, sharp cutoff). High-performance reflectors attach with tool-less fasteners and are rotatable and interchangeable.

ELECTRICAL – Ballast: High pressure sodium: 70-150W is high reactance, high power factor. Constant wattage autotransformer for 200-400W. Metal halide: 70-150W is high reactance, high power factor and is standard with pulse-start ignitor technology. "SCWA" not required. Constant wattage autotransformer for 175-400W. Super CWA (pulse start ballast), 88% efficient and EISA legislation compliant, is required for metal halide 151-400W (SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US. Pulse-start ballast (SCWA) required for 200W, 320W, or 350W. Ballast is 100% factory-tested.

Socket: Porcelain, horizontally oriented medium base socket for 70-150M. Mogul base socket for 175M and above, and 70-400S, with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

LISTINGS – UL Listed (standard). CSA Certified (see Options). UL listed for 25°C ambient and wet locations. IP65 rated in accordance with standard IEC 529.

WARRANTY – 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.



Catalog Number
Notes
Type

CONTOUR
SERIES

Soft Square Lighting

KAD



Specifications

EPA: 1.2 ft.²

*Weight: 35.9 lbs (16.28 kg)

Length: 17-1/2" (44.5)

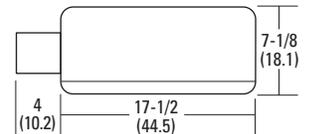
Width: 17-1/2" (44.5)

Depth: 7-1/8" (18.1)

All dimensions are inches (centimeters) unless otherwise specified.

*Weight as configured in example below.

METAL HALIDE: 70-400W
HIGH PRESSURE SODIUM: 70-400W
20' TO 35' MOUNTING



ORDERING INFORMATION For shortest lead times, configure product using **bolded options**.

Example: KAD 400M R3 TB SCWA SPD04 LPI

KAD	Wattage			Distribution		Voltage	Ballast	Mounting ¹²	
KAD	Metal halide 70M ^{1,2} 250M ⁵ 100M ¹ 320M ⁴ 150M 350M ^{3,4} 175M ³ 400M ^{5,6} 200M ⁴	High pressure sodium ¹ 70S 100S 150S 250S 400S	Ceramic metal halide 70MHC ^{1,2} 100MHC ¹ 150MHC	Standard reflectors R2 IES type II asymmetric ⁷ R3 IES type III asymmetric ⁷ R4 IES type IV forward throw ⁷ R55 IES type V square	High performance reflectors ⁸ SR2 IES type II asymmetric ⁷ SR3 IES type III asymmetric ⁷ SR4SC IES type IV forward throw	120 208 ⁹ 240 ⁹ 277 347 480 ⁹ TB ¹⁰ 23050HZ ¹¹	(blank) Magnetic ballast CWI Contant wattage isolated ¹¹ Pulse Start SCWA Super CWA pulse-start ballast NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	Ships in fixture carton SPD ___ Square pole RPD___ Round pole WBD___ Wall bracket WWD___ Wood or pole wall Ships separately ^{13,14} DAD12P Degree arm (pole) DAD12WB Degree arm (wall) WBA Decorative wall bracket ¹⁵ KMA Mast arm external fitter KTMB Twin mounting bar	Arm length 04 4" arm 06 6" arm 09 9" arm 12 12" arm

Options	Finish ²⁰			Lamp ²¹
Shipped installed in fixture SF Single fuse (120, 277, 347V) ¹⁶ DF Double fuse (208, 240, 480V) ¹⁶ PD Power tray ¹⁷ PER NEMA twist-lock receptacle only (no photocontrol) QRS Quartz restrrike system ¹⁸ QRSTD QRS time delay ¹⁸ WTB Terminal wiring block ¹⁷	CSA CSA Certified INTL Available MH for probe start shipping outside the U.S. REGC1 California Title 20, effective 1/1/2010 Shipped separately ¹³ HS House side shield PE1 NEMA twist-lock PE (120, 208, 240V)	PE3 NEMA twist-lock PE (347V) PE4 NEMA twist-lock PE (480V) PE7 NEMA twist-lock PE (277V) SC Shorting cap for PER option VG Vandal guard ¹⁹ WG Wire guard ¹⁹	(blank) Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum Super Durable Finishes DDBXD Dark bronze DBLXD Black	DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white LPI Lamp included L/LP Less lamp

Accessories: Tenon Mounting Slipfitter (RPxx required.)
Order as separate catalog number. Must be used with pole mounting.

		Number of fixtures					
Tenon O.D.	One	Two@180°	Two@90°	Three@120°	Three@90°	Four@90°	
2-3/8"	T20-190	T20-280	T20-290 ²²	T20-320 ²²	T20-390 ²²	T20-490 ²²	
2-7/8"	T25-190	T25-280	T25-290 ²²	T25-320	T25-390 ²²	T25-490 ²²	
4	T35-190	T35-280	T35-290 ²²	T35-320	T35-390 ²²	T35-490 ²²	

Notes

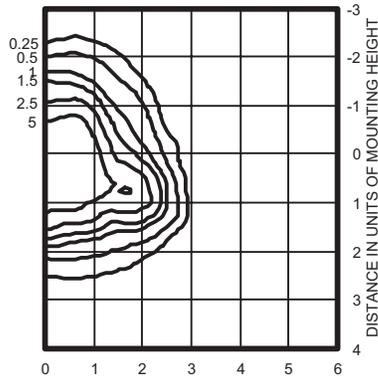
- Not available with SCWA.
- Not available with 480V.
- These wattages do not comply with California Title 20 regulations.
- Must be ordered with SCWA.
- These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 is not available in 347 or 480V.
- Reduced jacket ED28 required for SR2, SR3 and SR4SC optics.
- House-side shield available.
- High performance reflectors not available with QRSTD.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V; in Canada: 120, 277, 347V).
- Consult factory for available wattages.
- 9" arm is required when two or more luminaires are oriented on a 90° drilling pattern.
- May be ordered as an accessory.
- Must specify finish when ordered as an accessory.
- Available with SPD04 and SPD09.
- Must specify voltage. N/A with TB.
- Only available with SR2, SR3 and SR4SC optics.
- Max allowable wattage lamp included.
- Prefix with KAD when ordered as an accessory.
- See www.lithonia.com/archcolors for additional color options.
- Must be specified. L/LP not available with MHC.
- Must use RPD09.

KAD Metal Halide, Arm-mounted Soft Square Cutoff

Coefficient of Utilization _____
 Initial Footcandles _____

KAD 400M R2 Test no. 1193083101P

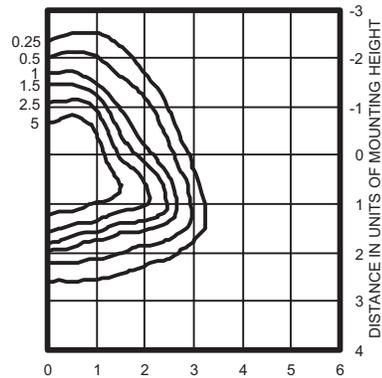
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
 Classification: Type II, Short, Full Cutoff

KAD 400M R3 Test no. 1192040902P

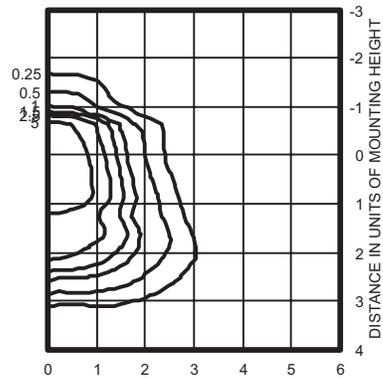
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Type II, Short, Full Cutoff

KAD 400M R4 Test no. 1191110101P

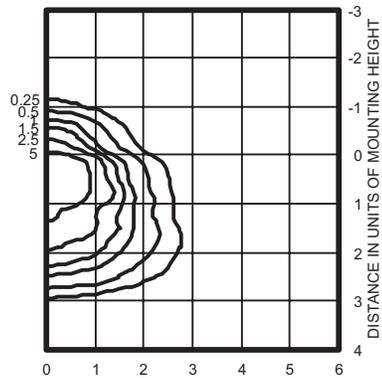
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type III, Very Short), Full Cutoff

KAD 400M R4HS Test no. 1192061101P

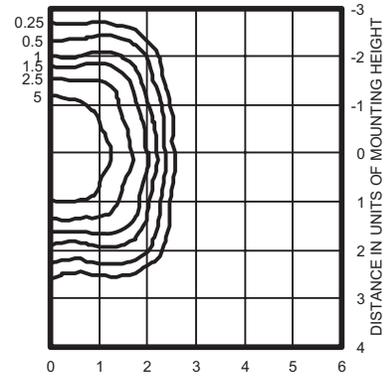
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type III, Very Short), Full

KAD 400M R5S Test no. 1194040801P

ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type NC, Very Short), Full Cutoff

Notes

- 1 Photometric data for other distributions can be accessed at www.lithonia.com.
- 2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.
- 3 For electrical characteristics, consult outdoor technical data specification sheets on www.lithonia.com.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

25 ft. = 0.64

35 ft. = 0.32

40 ft. = 0.25

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}} \right)^2 = \text{Correction Factor}$$

FEATURES & SPECIFICATIONS

INTENDED USE—For building and wall-mounted applications.

CONSTRUCTION—Rugged, die-cast, single piece aluminum housing. Die-cast doorframe has a 1/8" thick tempered glass lens. Doorframe is fully gasketed with one-piece solid silicone. U.S. Patent No. D565232.

FINISH—Standard finish is textured dark bronze (DBT) corrosion-resistant polyester powder finish. Additional architectural colors are available; see www.lithonia.com/archcolors. Striping is also available.

OPTICAL SYSTEM—Segmented reflectors provide superior uniformity and control. Reflectors are interchangeable. Three full cutoff distributions available: FT (forward throw), MD (medium throw) and WT (wide throw).

ELECTRICAL SYSTEM—Ballast: 50W-150W utilizes a high reactance, high power factor ballast. Metal halide 150W and below are standard with pulse-start technology. 35S utilizes a reactance high power factor ballast. 175W utilizes a constant-wattage auto transformer ballast. HID ballasts are copper wound and 100% factory tested. CSA, NOM or INTL required for probe start shipments outside of the US for 175M. Not available 175M SCWA. Ceramic metal halide lamps are recommended for use in applications where superior color rendition, lumen maintenance and longer lamp life are desired.

Socket: Porcelain, medium-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 660W, 600V 4KV pulse rated.

INSTALLATION—Universal mounting mechanism with integral mounting support allows fixture to hinge down. Bubble level provides correct alignment with every installation.

LISTING—UL Listed to U.S. and Canadian safety standards. NOM Certified (see Options). UL listed suitable for wet locations (damp location listed in lens up orientation). WLU option offers wet location listing in up orientation (see Options). IP65 rated. 25°C ambient.

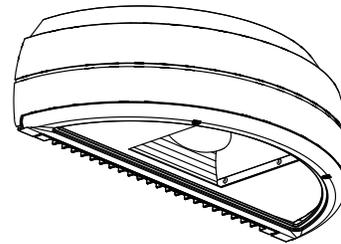
NOTE: Specifications subject to change without notice.

Catalog Number	
Notes	Type



Wall-Mounted Lighting

MRW



METAL HALIDE

50W-175W

HIGH PRESSURE SODIUM

35W-150W

Specifications

Length: 18 (45.72)

Depth: 9 (22.86)

Overall Height: 7.25 (18.42)

*Weight: 35lbs (15.88kg)

* Weight as configured in example below.

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: MRW 100M FT TB LPI

MRW

Series	Wattage/source	Distribution	Voltage	Ballast	Options	Lamp ¹⁶
MRW	<u>High pressure sodium</u>	FT Forward throw	120	(blank) Magnetic ballast	<u>Shipped installed in fixture</u>	LPI Lamp included L/LP Less lamp
	35S ¹	MD Medium throw (coated lamp std.)	208 ²	CWI Constant wattage isolated	SF Single fuse 120, 277, 347V	
	50S	WT Wide throw	240 ²	SCWA Super CWA pulse start ballast ¹⁸	DF Double fuse 208, 240V	
	70S		277		DC12 Emergency circuit 12 volt (35W lamp included std.) ⁶	
	100S		347		2DC12 Emergency circuit 12 volt (2, 35W lamps included) ⁶	
	150S		TB ³		DC2012 Emergency circuit 12 volt (20W lamp included) ⁶	
	<u>Metal halide</u>		23050HZ ⁵		2DC2012 Emergency circuit 12 volt (2, 20W lamps included) ⁶	Finish ¹⁴
	50M			ELED Emergency LED secondary source battery pack (-4°F min. operating temp) ⁸	(blank) Dark bronze, textured	
	70M			2ELED Emergency LED secondary source (two modules) battery pack (-4°F min. operating temp) ⁸	DSST Sandstone, textured	
	100M				DFL Diffusing lens	DNAT Natural aluminum, textured
	150M				EC Emergency circuit ^{7,9}	DWHG White, textured
	175M				IBS Internal backlight shield ¹⁰	DBLB Black, textured
	<u>Ceramic metal halide</u>				PE Photoelectric cell-button type (n/a TB/TBV) ^{11,12}	CR Enhanced corrosion resistant
50MHC				QRS Quartz restrrike system ^{8,9}	CRT Non-stick protective coating ¹⁵	
70MHC				WLU Wet location door for up orientation		
100MHC				CSA CSA Certified		
150MHC				NOM NOM Certified		
				INTL International shipment for 175M		

NOTES:

- 120V, NPF only.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V); (120, 277, 347V in Canada; ships as 120V/347V).
- Consult factory for available wattages.
- Not available with EC, SF, DF or QRS.
- Not available with QRS or DCs.
- Not available with EC or DCs.
- Maximum allowable wattage lamp included.
- Not available with Medium Throw (MD, MDU, MDU5) distributions.
- Not available with 347V.
- Must be ordered with fixture; cannot be field installed.
- May be ordered as an accessory.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.
- Must be specified.
- Must specify finish.
- Available with 150M or 150MHC only.

Shipped separately

BBW	Surface-mounted back box ¹³	Accessories¹⁷
UT5	Uptilt 5 degrees ¹³	Order as separate catalog number.
WG	Wire guard ¹²	WSBBW Surface-mounted back box
VG	Vandal guard ¹²	WSUT5 Uptilt 5 degrees

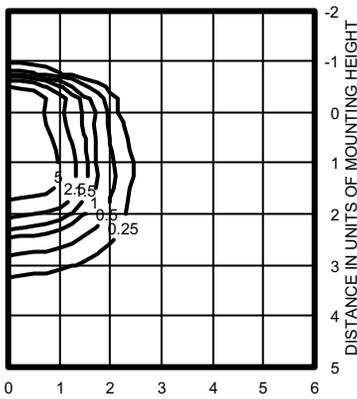


Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

MRW Metal Halide, High Pressure Sodium Building Mounted

MRW 150MHC FT LTL11336P

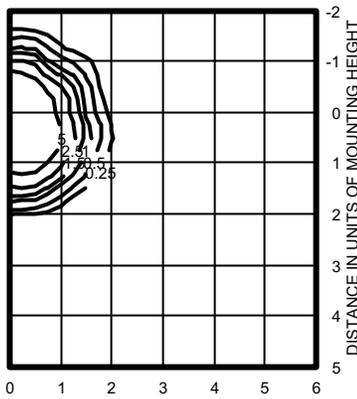
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens.
Luminaire Efficiency: 55.6%

MRW 150MHC MD LTL11335P

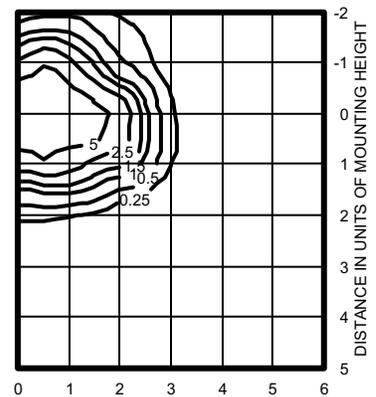
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 12500 rated lumens.
Luminaire Efficiency: 55.3%

MRW 150MHC WT LTL11337P

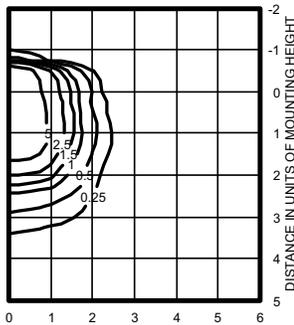
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens.
Luminaire Efficiency: 68.1%

MRW 150S FT TEST NO: LTL11546

ISOILLUMINANCE PLOT (Footcandle)



150W lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 15800 rated lumens.
Luminaire Efficiency: 51.6%

Emergency Option Lamp Compatibility

Lamp Options (# lamps/wattages)	DC12	2DC12	DC2012	2DC2012	EC	ELED	2ELED
35S	■	■	■	■	■	■	■
50S	■	■	■	■	■	■	■
70S	■	■	■	■	■	■	■
100S	■	■	■	■	■		
150S	■	■	■	■	■		
50M	■	■	■	■	■	■	■
70M	■	■	■	■	■	■	■
100M	■	■	■	■	■	■	■
150M	■	■	■	■	■		
175M	■	■	■	■	■		

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — 16-gauge galvanized steel mounting/plaster frame with trim clips to mount open conical shape reflector.

Vertically adjustable mounting brackets that use 16-gauge flat bar hangers (included), 1/2" conduit or C channel T-bar fasteners. Provides 3-3/4" total adjustment.

Post installation adjustment possible from above or below the ceiling.

Galvanized steel junction box with bottom-hinged access covers and spring latches. Two combination 1/2"-3/4" and three 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors, rated for 90°C.

Secondary housing adjustment system for precise, final ceiling-to-flange alignment.

Maximum 1-1/2" ceiling thickness.

OPTICS — LED light source with diffused lens, recessed in a deep reflector with a 55-degree cutoff. Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control.

Anodized trim colors for open and wallwash reflectors are available in clear, pewter, wheat or gold. White polyester powder coat also available.

Minimum CRI of 80.

ELECTRICAL — High-efficiency, 0-10V dimming driver mounted to the junction box, dims luminaire to 10% of its light output. 1% dimming option available (see EZ1 ordering options below).

Dimming fixture requires two (2) additional low-voltage wires to be pulled.

For compatible dimmers and dimming range, refer to Dimmer Compatibility Chart on page 4.

The system maintains 70% lumen output for more than 50,000 hours.

LISTINGS — CSA certified to US and Canadian safety standards. Open downlight (LO6): Wet location listed. Wallwash downlight (LW6): Rated for damp and dry locations only. ENERGY STAR® certified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.

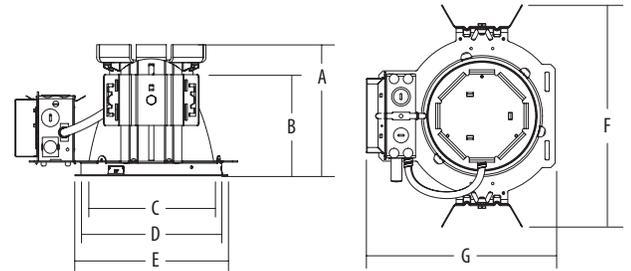
Catalog Number
Notes
Type



LDN6 35/15 L06AR 120

LDN6

6" OPEN and WALLWASH LED Non-IC New Construction Downlight



Overall height varies by lumen package. Reference dimension chart for details.

Maximum Overall Dimensions — All dimensions are inches (centimeters) unless otherwise indicated.							
Lumen package	(A) Height	(B) Frame height	(C) Aperture	(D) Ceiling opening	(E) Outside diameter	(F) Width	(G) Length
600 lm	6-7/16 (16.4)	5-3/4 (14.6)	6-15/16 (17.6)	7-1/8 (18.1)	7-1/2 (19.1)	12-15/16 (32.8)	10-15/16 (27.8)
1000 lm							
1500 lm							
2000 lm	7-13/16 (19.9)						

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN6 35/15 L06AR 120

LDN6 Series	Color temperature	Lumens ^{1,2}	Reflector	Trim color	Finish	Voltage	Options
LDN6	27/ 2700 K	06 600 lumens	L06 Open downlight	AR Clear	(blank)	120	EL Emergency battery pack with integral test switch ⁶
	30/ 3000 K	10 1000 lumens	LW6 Wallwash downlight ³	PR Pewter	LD Matte-diffuse	277	ELR Emergency battery pack with remote test switch ⁶
	35/ 3500 K			WTR Wheat	LS Specular	347 ⁵	SF Single fuse
	40/ 4000 K	15 1500 lumens	GR Gold	TRW White painted flange ⁷			
		20 2000 lumens		WR White ⁴			TRBL Black painted flange
							NEPP Interface for Sensor Switch® nLight® network provided with integral power supply. Refer to TN-623-01 . ⁸
							RRL___ RELOC®-ready luminaire connectors enables a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature.
							EZ1 eldoLED dims to 1%
							CP Chicago plenum ^{5,9}

Accessories: Order as separate catalog number.

- [EAC ISSM 375](#) Compact interruptible emergency AC power system
- [EAC ISSM 125](#) Compact interruptible emergency AC power system
- [NSPS D ER KIT](#) Sensor Switch nLight secondary relay and dimming pack device used to switch and dim luminaires powered via an emergency circuit. Refer to [NSPS D ER KIT](#).
- [GRA68 JZ](#) Oversized trim ring with 8" outside diameter¹⁰
- [SCA6](#) Sloped ceiling adapter. Refer to [TECH-SCA](#) for more options.

Notes

- 1 Approximate lumen output.
- 2 Overall height varies by lumen package. Reference dimension chart on page 1.
- 3 Rated for damp and dry locations only.
- 4 Not available with finishes.
- 5 Not available with emergency options.
- 6 For dimensional changes, refer to chart on page 4. Not available with CP option.
- 7 Not available with WR (white trim color).
- 8 For emergency generator/inverter applications order non-nLight enabled fixture and NSPS D ER KIT as an accessory. Refer to [NSPS D ER KIT](#).
- 9 277 volt CP products require marked spacing. Install with minimal spacing between: (a) Center-to-center of adjacent luminaires: 2 ft.; (b) Top of luminaire to overhead building member: 3 in.; (c) Luminaire center to side of building member: 1 ft.
- 10 Refer to [TECH-GOOF RINGS](#) for more options.

LDN6

PHOTOMETRY

Distribution Curve

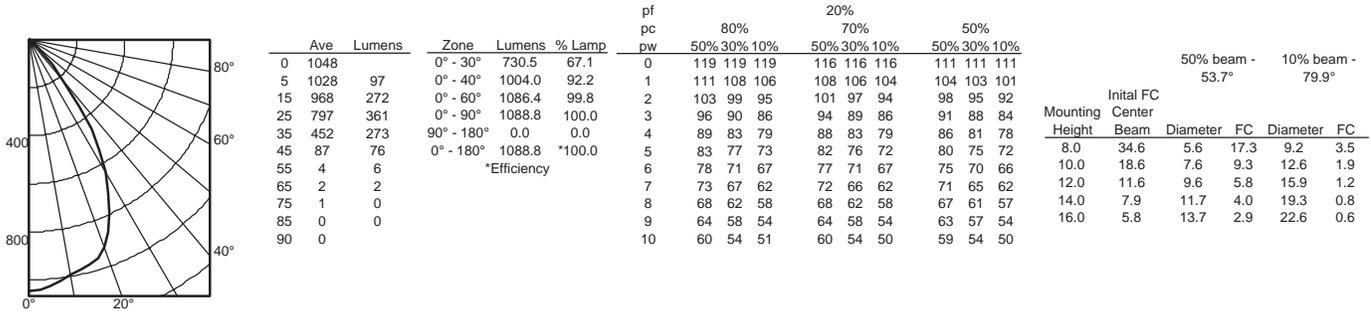
Distribution Data

Output Data

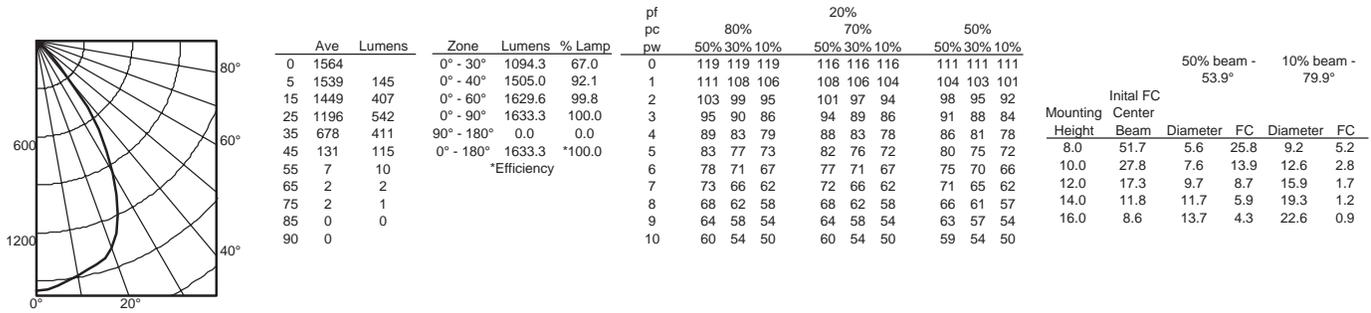
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

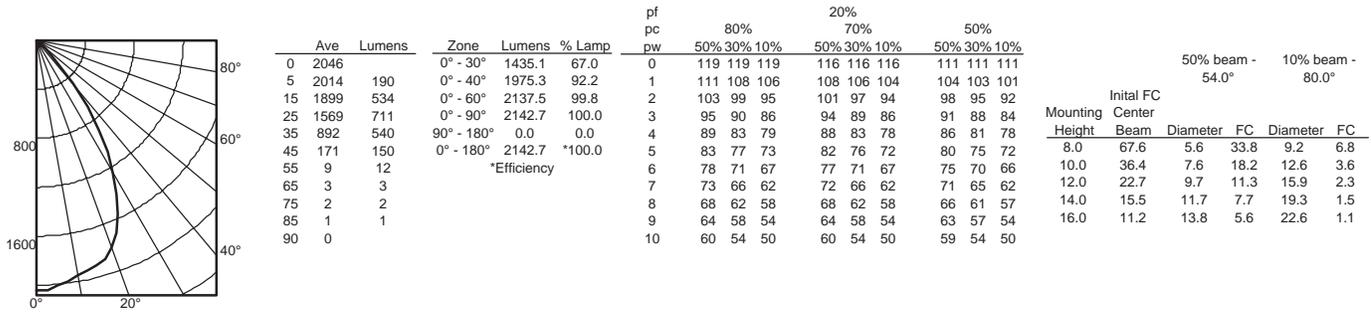
LDN6 35/10 L06AR 120, input watts: 18, delivered lumens: 1089, LM/W = 61, spacing criterion at 0 = 1.03, test no. LTL25148SL.



LDN6 35/15 L06AR 120, input watts: 26, delivered lumens: 1633, LM/W = 63, spacing criterion at 0 = 1.03, test no. LTL25146.



LDN6 35/20 L06AR 120, input watts: 35, delivered lumens: 2143, LM/W = 61, spacing criterion at 0 = 1.04, test no. LTL25144.

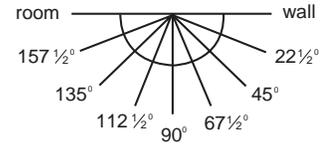


Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/- 10% when operating between 120-277V +/- 10%.
- CRI: 80 typical.

TECHNICAL INFORMATION

Footcandle values are initial and tables are based on minimum of six units. For fixture-to-wall distance other than those shown, use maximum of one-to-one spacing (distance between fixtures not more than distance to wall) for best results.



Candlepower Data

Footcandle values

LDN6 35/10 LW6AR 120, input watts: 18, delivered lumens: 1090, LM/W = 61, test no. LTL25147.

Vertical Angle	Plane angle							
	Wall	22.5	45	67.5	90	112.5	135	157.5
0	888	888	888	888	888	888	888	888
5	813	811	824	854	875	902	922	926
15	652	675	728	803	862	905	930	935
25	488	524	601	678	723	748	749	741
35	319	355	387	414	409	407	409	403
45	241	229	190	139	87	76	76	74
55	181	172	114	40	9	5	7	8
65	139	117	57	11	1	2	3	4
75	74	57	19	3	2	2	3	2
85	19	13	0	0	0	0	0	0
90	5	6	0	0	0	0	0	0

ft. from ceiling	Wallwash Illuminance Study (fc)								
	Illuminance on wall from 6 luminaires								
	Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall		
	3 ft. between luminaires			4 ft. between luminaires			5 ft. between luminaires		
	3	3.5	4	3	3.5	4	3	3.5	4
1	10	8	10	9	5	9	9	2	9
2	15	15	15	13	10	13	12	6	12
3	15	14	15	12	10	12	10	7	10
4	13	14	13	10	11	10	8	8	8
5	12	13	12	9	10	9	7	8	7
6	12	12	12	8	9	8	7	7	7
7	10	10	10	8	8	8	6	6	6
8	9	9	9	7	7	7	5	5	5
9	8	8	8	6	6	6	5	5	5
10	6	6	6	5	5	5	4	4	4

LDN6 35/15 LW6AR 120, input watts: 26, delivered lumens: 1639, LM/W = 63, test no. LTL25145.

Vertical Angle	Plane angle							
	Wall	22.5	45	67.5	90	112.5	135	157.5
0	1312	1312	1312	1312	1312	1312	1312	1312
5	1198	1187	1202	1244	1285	1326	1371	1409
15	956	976	1052	1153	1246	1333	1403	1438
25	697	720	837	953	1028	1082	1109	1126
35	442	482	548	586	583	590	612	623
45	348	336	303	222	132	105	112	115
55	283	269	196	80	19	8	10	11
65	230	191	102	22	3	2	3	6
75	121	88	30	1	1	1	1	4
85	30	18	1	1	0	0	0	0
90	5	6	0	2	1	1	1	0

ft. from ceiling	Wallwash Illuminance Study (fc)								
	Illuminance on wall from 6 luminaires								
	Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall		
	3 ft. between luminaires			4 ft. between luminaires			5 ft. between luminaires		
	3	3.5	4	3	3.5	4	3	3.5	4
1	17	13	17	16	7	16	15	4	15
2	24	24	24	20	16	20	19	10	19
3	22	22	22	17	16	17	15	11	15
4	20	21	20	14	16	14	12	12	12
5	18	19	18	13	15	13	10	12	10
6	17	17	17	12	13	12	9	11	9
7	15	15	15	11	11	11	9	9	9
8	13	13	13	10	10	10	8	8	8
9	11	11	11	8	8	8	7	7	7
10	9	9	9	7	7	7	6	6	6

LDN6 35/20 LW6AR 120, input watts: 35, delivered lumens: 2137, LM/W = 61, test no. LTL25143.

Vertical Angle	Plane angle							
	Wall	22.5	45	67.5	90	112.5	135	157.5
0	1712	1712	1712	1712	1712	1712	1712	1712
5	1566	1544	1598	1633	1710	1739	1783	1806
15	1254	1276	1394	1533	1658	1755	1811	1834
25	913	956	1140	1307	1420	1489	1512	1521
35	592	654	766	839	851	852	855	861
45	446	425	402	325	215	170	167	167
55	335	317	248	115	32	13	12	14
65	251	213	129	35	5	4	5	5
75	121	92	39	4	1	1	1	3
85	24	14	2	0	1	0	0	0
90	1	1	1	0	1	1	1	0

ft. from ceiling	Wallwash Illuminance Study (fc)								
	Illuminance on wall from 6 luminaires								
	Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall			Luminaire mounted 3 ft. from wall		
	3 ft. between luminaires			4 ft. between luminaires			5 ft. between luminaires		
	3	3.5	4	3	3.5	4	3	3.5	4
1	17	13	17	16	7	16	16	4	16
2	28	27	28	23	18	23	22	11	22
3	28	27	28	22	19	22	19	14	19
4	26	27	26	19	20	19	16	15	16
5	24	25	24	17	20	17	13	16	13
6	22	22	22	16	17	16	12	15	12
7	20	20	20	15	15	15	11	13	11
8	17	17	17	13	13	13	10	11	10
9	15	15	15	11	11	11	9	9	9
10	13	13	12	10	10	10	8	8	8

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Actual wattage may differ by +/- 10% when operating between 120-277V +/- 10%.
- CRI: 80 typical.

ADDITIONAL DATA

DIMMER COMPATIBILITY CHART	
Manufacturer	Model/Series
600 & 1000 Lumen products	
Leviton	IllumaTech - IP710-DLX
Lutron	Nova T - NTFTV-WH <i>For on/off control, this switch requires a power pack. Consult Lutron for more information.</i>
Sensor Switch	nPODM DX
Synergy	ISD BC 120/277
1500 & 2000 Lumen products	
Busch-Jaeger	2112U-101
Jung	240-10
Leviton Lighting Controls	IllumaTech - IP710-DLX
Lightolier Controls	ZP600FAM120
Lutron Electronics	Nova T - NTFTV
	Divia - DVTV
	Divia - NFTV
	GraphicEye - GRX-TVI w GRX3503
	Energy Savr Node - QSN-4T16-S
TVM2 Module	
Merten	5729
Pass & Seymour	CD4FB-W
Sensor Switch	nPODM DX
Synergy	ISD BC 120/277
The Watt Stopper	DCLV1

EL/ELR AVAILABILITY/COMPATIBILITY - INITIAL LUMENS			
Lumen package	Watts	Initial lumens EL/ELR	Emergency LED driver
600	12	500	PS1030
1000	18	575	PS1030
1500	26	640	Bodine BSL17C-C2
2000	35	690	Bodine BSL17C-C2

EL/ELR DIMENSIONAL CHANGES	
Add to overall housing length for EL/ELR option	Overall housing width with EL/ELR option
4-1/2	16-1/2

KEY SPECIFICATION SUMMARY				
Product Description	Watts (W)	Delivered lumens (lm)	Efficacy (lm/W)	Spacing criteria (s/mh)
LDN6 35/06 LO6AR	12	670	56	1.03
LDN6 35/10 LO6AR	18	1090	61	1.03
LDN6 35/15 LO6AR	26	1640	63	1.03
LDN6 35/20 LO6AR	35	2140	61	1.04

ANGLE SHADE

PREPARED BY: _____

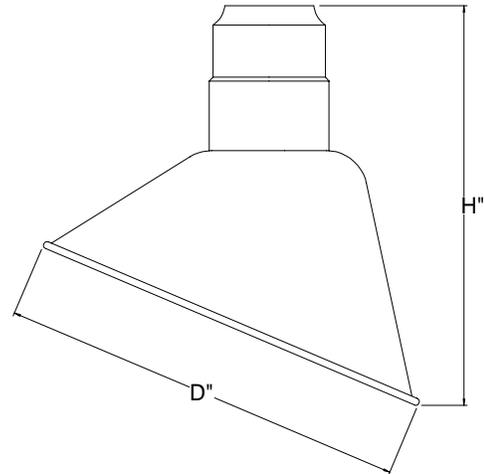
TYPE: _____

JOB NAME: _____

DATE: _____

CERTIFICATION: UL LISTED

MODEL#	D"	H"
A807	7	7 3/4
A810	10	10
A812	12	12
A814	14	14



FINISH-Five stage pretreatment process, coated with a lead free TGI C polyester powder coat finish. White is standard inside reflectors, Except #49-Galvanized, #62-Anodized Bronze and #63-Iron Rust, Unless specified. Custom colors and Marine are available upon request.

MOUNTING- 1/2" or 3/4" tapped hub is supplied. Top or side mount available. Fixtures are pre-wired with 48" or 96" leads. Available with cord or stem sets.

REFLECTOR- Spun from heavy gauge 1100-0 aluminum, ranging in thickness from .050 to .125. Galvanized is from 20 gauge sheets. Copper is spun from .040 gauge and 110 soft alloy.

LAMP HOLDERS- Accommodates **Incandescent** medium base porcelain socket, copper shell with nicked plate, rated 250V, 660W. **Compact Fluorescent** 4 pin heat resistant thermoplastic socket accommodates 26/32W (Gx24q-3 base) and 42W (Gx24q-4 base). Twist lock design provides for vibration and earthquake resistance, rated 75W, 600V. **High Intensity Discharge (H.I.D.)** medium base, 4KV pulse start socket, rated 660W/600V. **LED** 10W. A minimum of 60,000 hours to 100,000 expected life depending on installation location and ambient temperature.

MODEL#	FINISH		LIGHT SOURCE						MOUNTING OPT.	
			INC	CF ¹	HID ¹	LED				
						W	K	V		
A807	40-copper w/ coat	52-patina	100W	26W	35W, 50W	10W	3500	120	-Arm extension -Post Mts & Pole -Stem -Cord ² -Cable & Chain -Hub	
A810	41-black	53-rust								150W
A812	42-dr. green	54-stucco	200W	55-sage	58-satin alum. clear coat					
A814	43-red	59-coppertone				50	60-canal green	61-anod. charcoal		62-anod. bronze
	44-white	63-iron rust								

¹ Remote ballast

²INC max wattage 150W

Call factory for higher wattage



PHONE: 877-999-1990

FAX: 877-999-1955

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