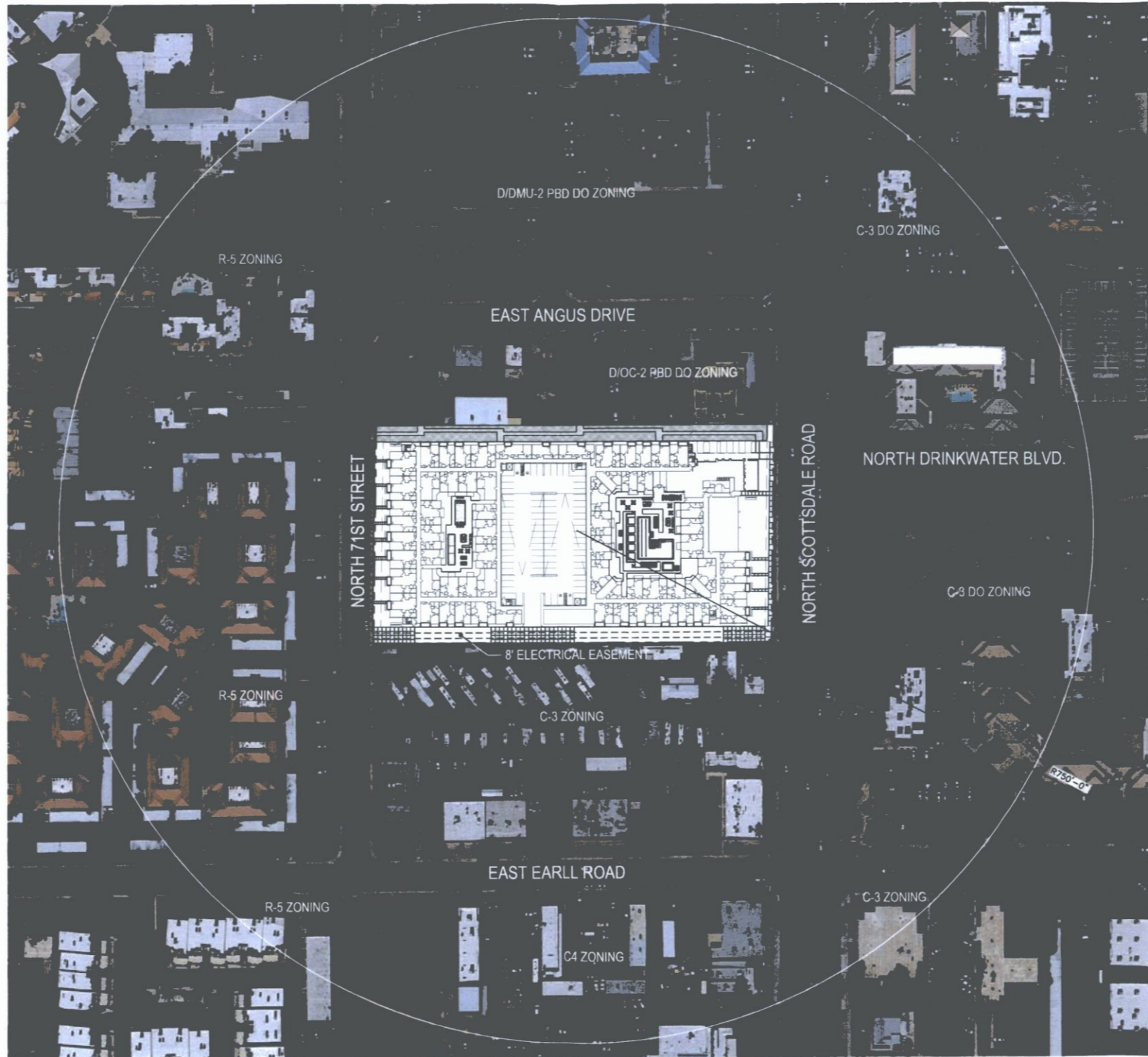
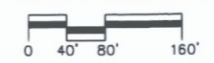


Simulations
Photos
All Graphics (no plans)



ALTA OSBORN

WOOD PARTNERS

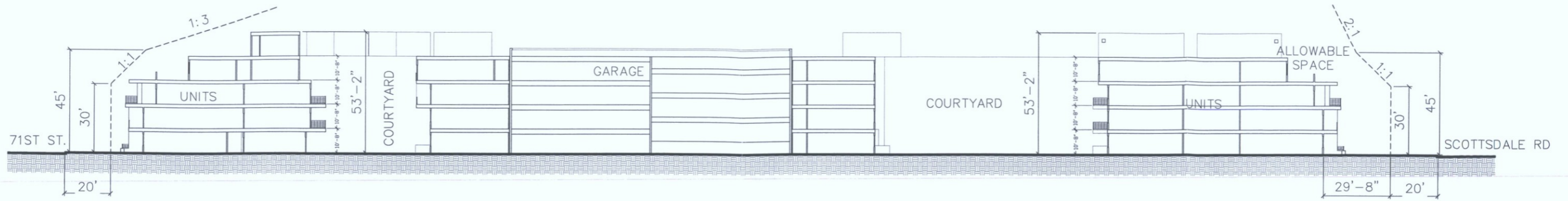


CONTEXT AERIAL **A1.2**
 GRAPHIC SCALE 4-26-16

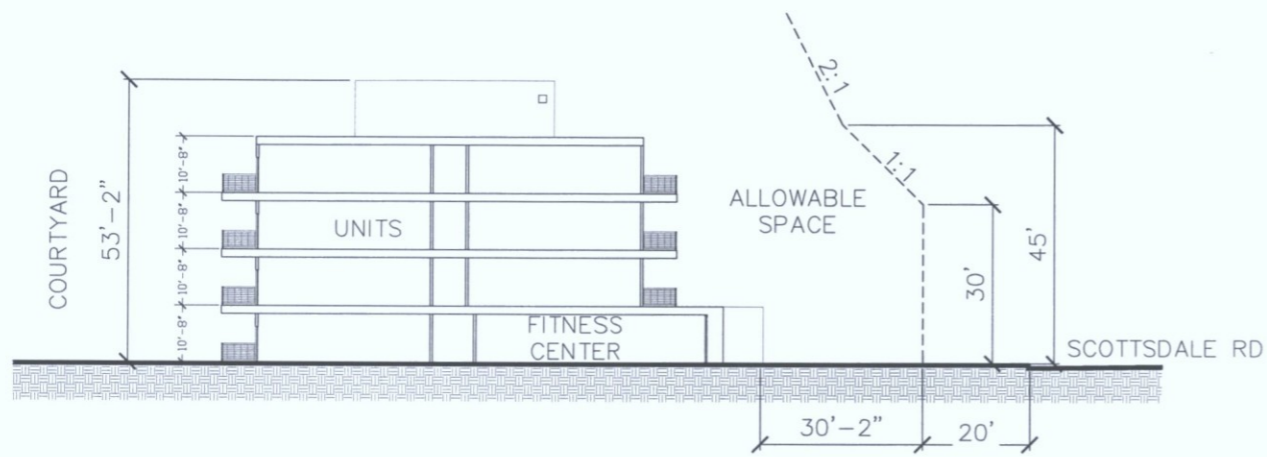


biliform architecture
 group, llc.
 11460 north cave creek road, suite 111
 phoenix, arizona 85027-0
 phone 602.285.9200
 www.biliform.com

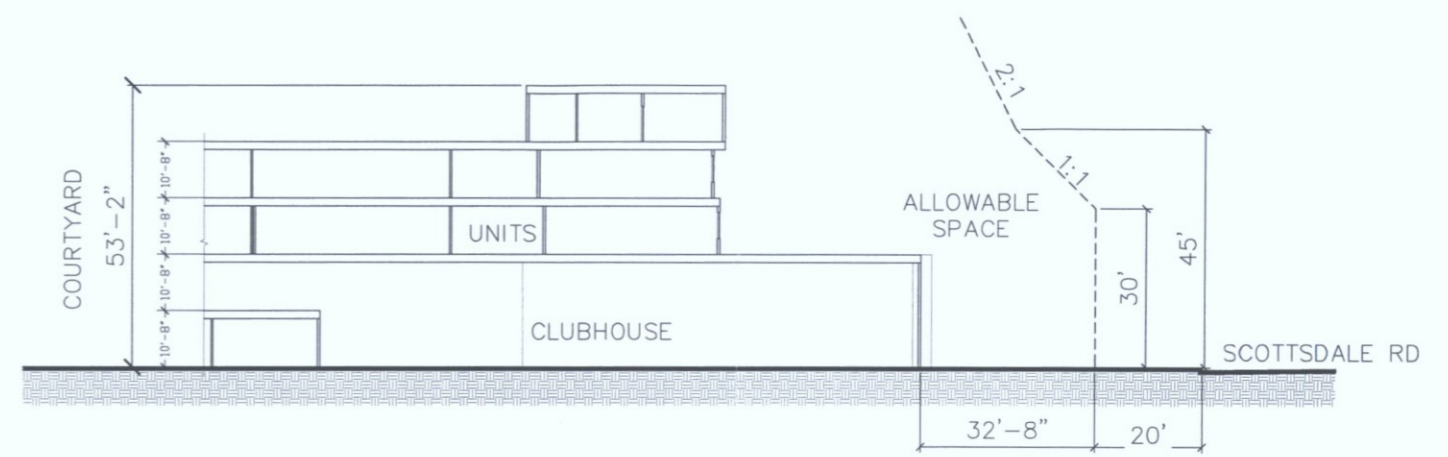
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(A) SITE SECTION
1"=20'-0"



(B) SITE SECTION
1/16"=1'-0"



(C) SITE SECTION
1/16"=1'-0"



KEY PLAN

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architecture

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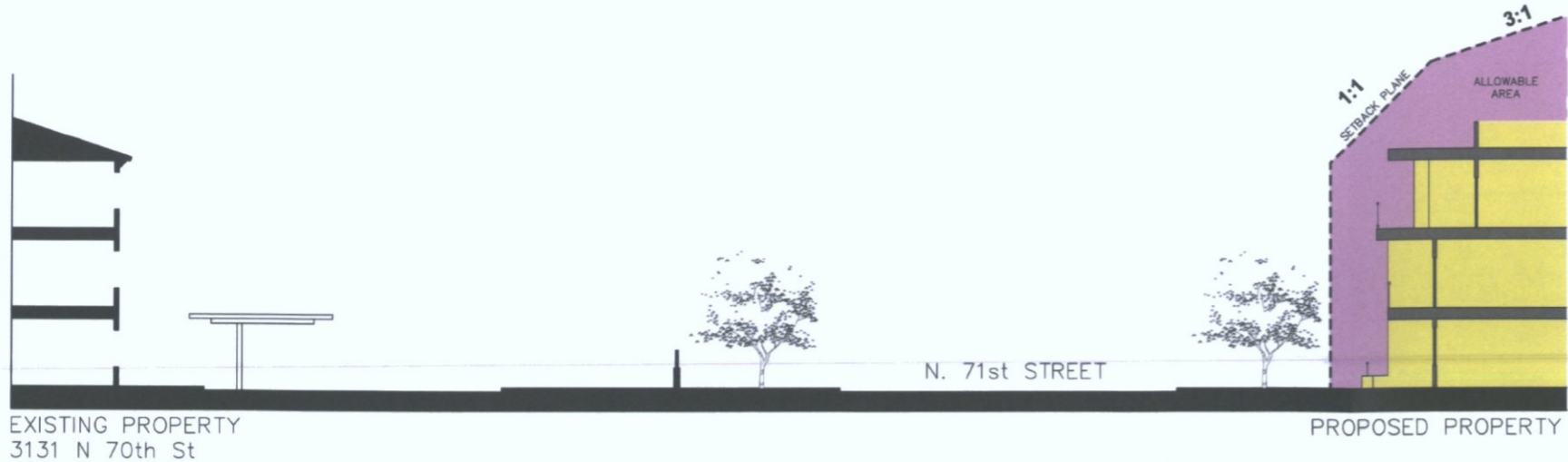
ALTA OSBORN

WOOD PARTNERS

SITE SECTIONS | **A1.4**
SCALE: AS NOTED | 10-17-16

42-DR-2016
10/19/16

FORM ARCHITECTURE GROUP, INC.



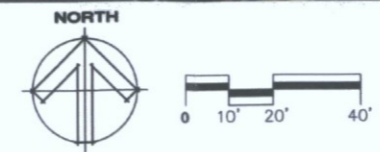
Ⓐ 71ST STREET SECTION



PERSPECTIVE RENDERING



TRANSITIONAL SITE PLAN

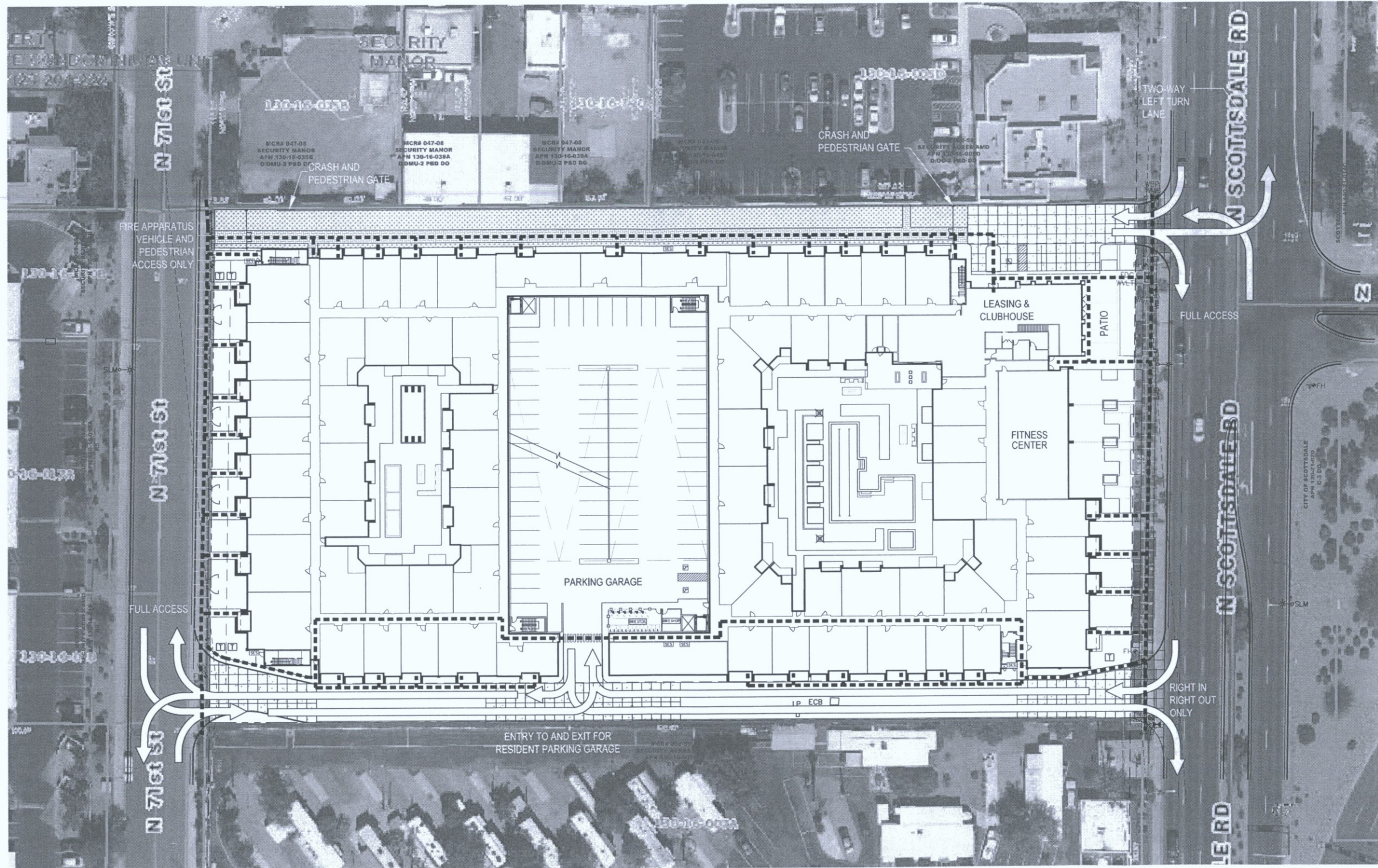


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group, LLC.
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phoenix, arizona 85020
Phone: 602.255.9290
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ALTA OSBORN WOOD PARTNERS

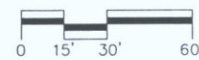
A1.5
4-26-16

42-DR-2016
10/19/16



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PEDESTRIAN AND VEHICULAR
CIRCULATION PLAN
GRAPHIC SCALE

A1.6
6-22-16

42-DR-2016
8/30/2016



ORIGINAL COLOR PALETTE

DRS APPROVED
 APPROVED
 12.8.2016
 DATE INITIALS



PROPOSED NEW COLOR PALETTE

ALTA OSBORN
 WOOD PARTNERS

SCOTTSDALE ROAD | A3.1
 NOT TO SCALE 12-06-16



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 phoenix, arizona 85020
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 www.biltform.com



PROPOSED NEW COLOR PALETTE

ALTA OSBORN

WOOD PARTNERS

SCOTTSDALE ROAD | **A3.1**
NOT TO SCALE | 12-06-16



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phoenix, arizona 85020
Phone: 602.285.3200
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FAWN BRINDLE
SHERWIN WILLIAMS-SW7640
BROWNSTONE BODY COLOR

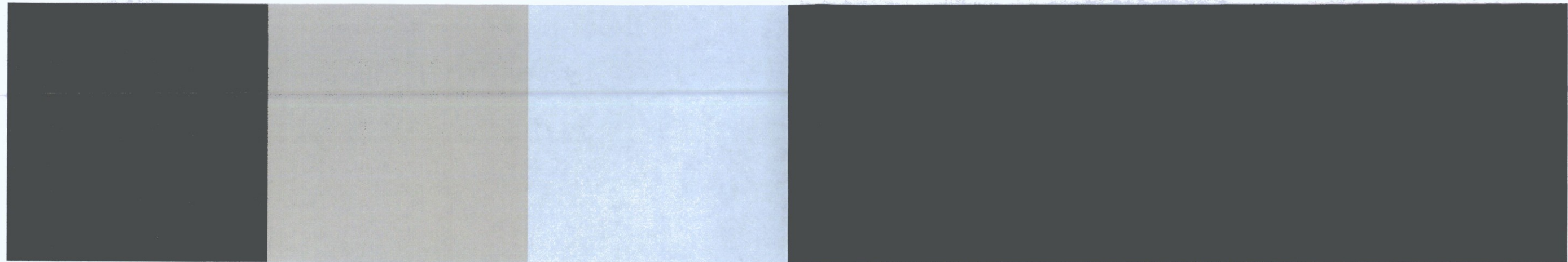
ROYCROFT MIST GRAY
SHERWIN WILLIAMS-SW2844
BROWNSTONE BODY COLOR

SPATIAL WHITE
SHERWIN WILLIAMS-SW6259
TRIM COLOR &
BROWNSTONE BODY COLOR

THUNDER GRAY
SHERWIN WILLIAMS-SW7645
DOORS

TRICORN BLACK
SHERWIN WILLIAMS-SW6258
RAILING & CANOPIES

ROOKWOOD RED
SHERWIN WILLIAMS-SW2802
ACCENT STAIR TOWER COLOR



TRICORN BLACK
ROOKWOOD RED
FAWN BRINDLE
SPATIAL WHITE
HERITAGE HILLS
SPATIAL WHITE
FAWN BRINDLE
TRICORN BLACK
THUNDER GRAY
HERITAGE HILLS



SPATIAL WHITE
CORONADO STONE
TRICORN BLACK
TRICORN BLACK
ROYCROFT MIST GRAY
FAWN BRINDLE
HERITAGE HILLS

DRB APPROVED
APPROVED
12-8-2016
[Signature]
 INITIALS
 DATE

ALTA OSBORN

WOOD PARTNERS

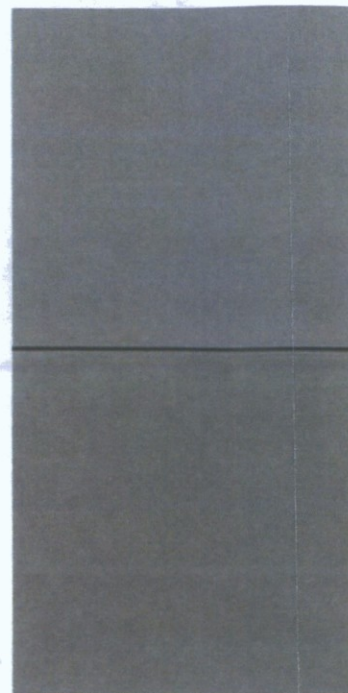
NEW BUILDING COLOR SCHEME
SCOTTSDALE ROAD
 NOT TO SCALE



biltform architecture group, LLC
 17900 N. 19th Avenue, Suite 110
 Scottsdale, AZ 85255
 www.biltform.com



HERITAGE HILLS
THINBRICK 451
PHOENIX BRICKYARD



CUSTOM COLOR
SMOOTH LIMESTONE
CORONADO STONE

PRE-CAST WALL CAP
NATURAL CONCRETE
GRAY COLOR

- TRICORN BLACK
- ROOKWOOD RED
- FAWN BRINDLE
- SPATIAL WHITE
- HERITAGE HILLS
- SPATIAL WHITE
- FAWN BRINDLE
- TRICORN BLACK
- THUNDER GRAY
- HERITAGE HILLS



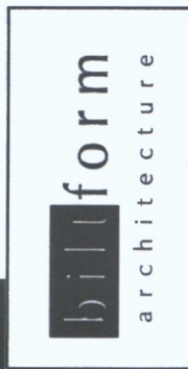
- SPATIAL WHITE
- CORONADO STONE
- TRICORN BLACK
- TRICORN BLACK
- ROYCROFT MIST GRAY
- FAWN BRINDLE
- HERITAGE HILLS

DPB APPROVED
APPROVED
12-8-2016
APL
DATE INITIALS

NEW BUILDING COLOR SCHEME
SCOTTSDALE ROAD
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phoenix, arizona 85020
Phone 602.285.9200
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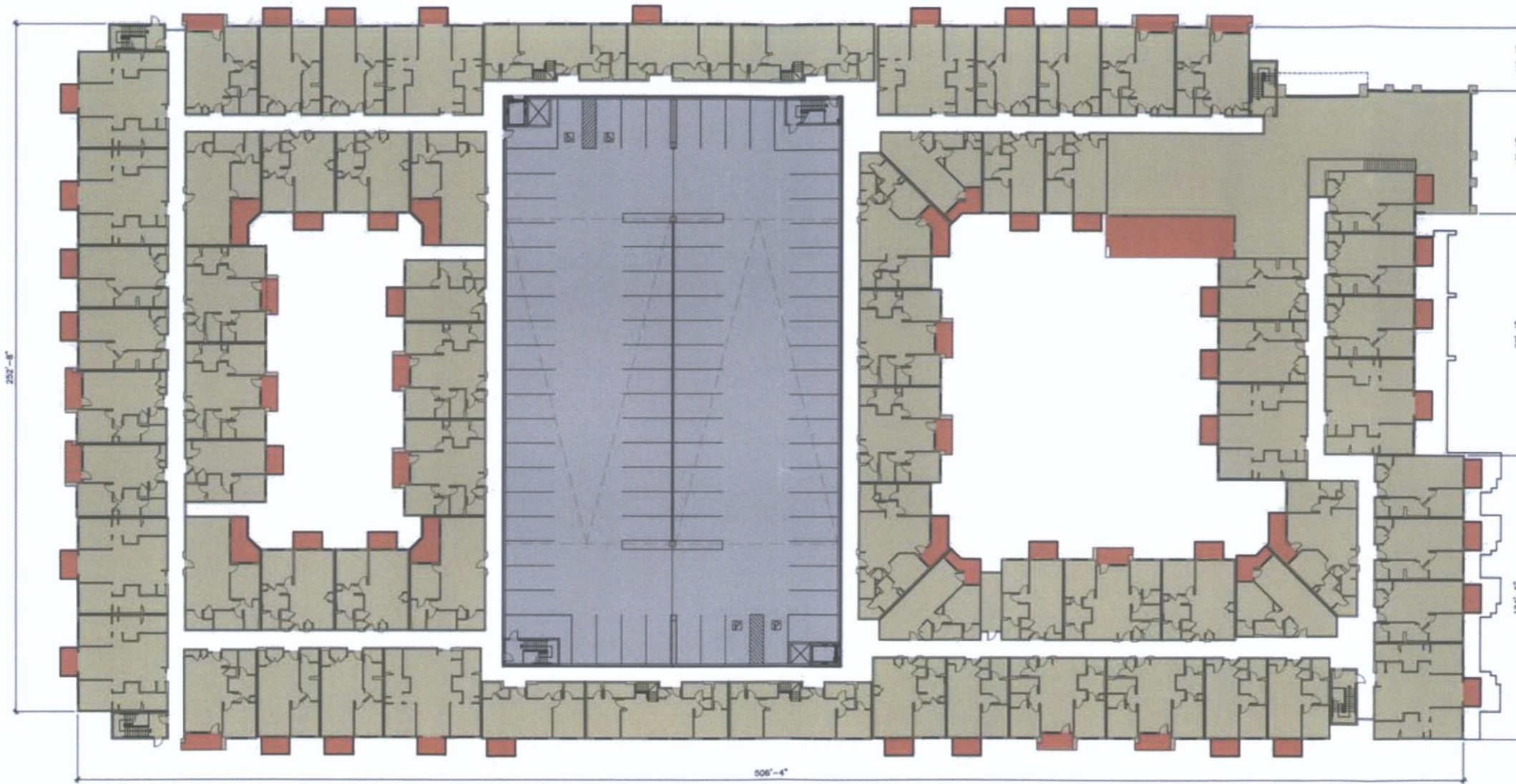
bitform architecture
group, LLC
11400 North Lake Street, Suite 11
Chicago, Illinois 60631
Phone: 800.285.5000
www.bitform.com

ALTA OSBORN

WOOD PARTNERS

FLOOR PLAN WORKSHEET | **A5.1**
BUILDING 1ST FLOOR
NOT TO SCALE | 4-38-16

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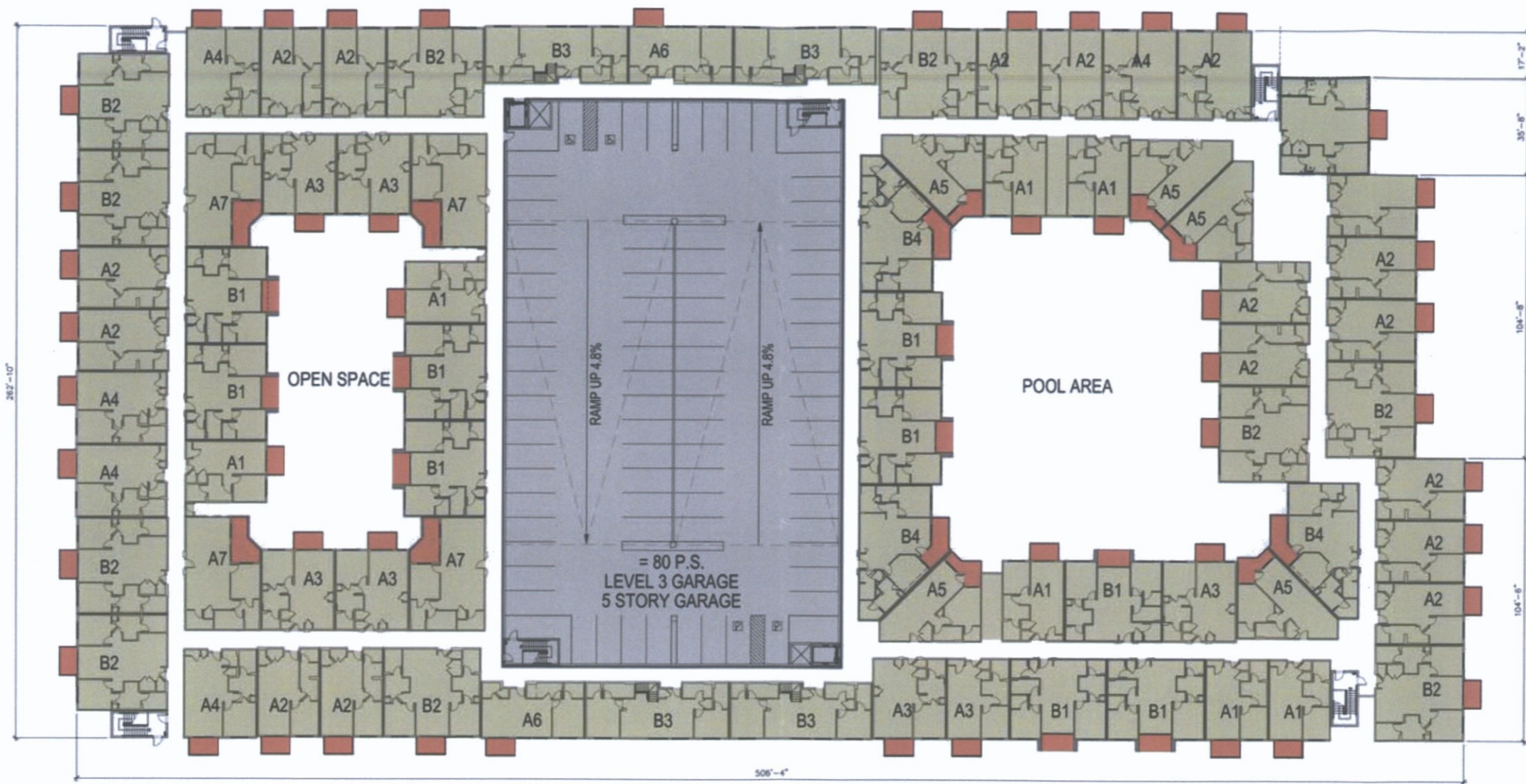
billform architecture
 11400 North Lake Street, Suite 11
 Chicago, Illinois 60633
 Phone: 800.281.5200
 www.billform.com

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FLOOR PLAN WORKSHEET | **A5.2**
 BUILDING 2ND FLOOR
 NOT TO SCALE | 4-26-16

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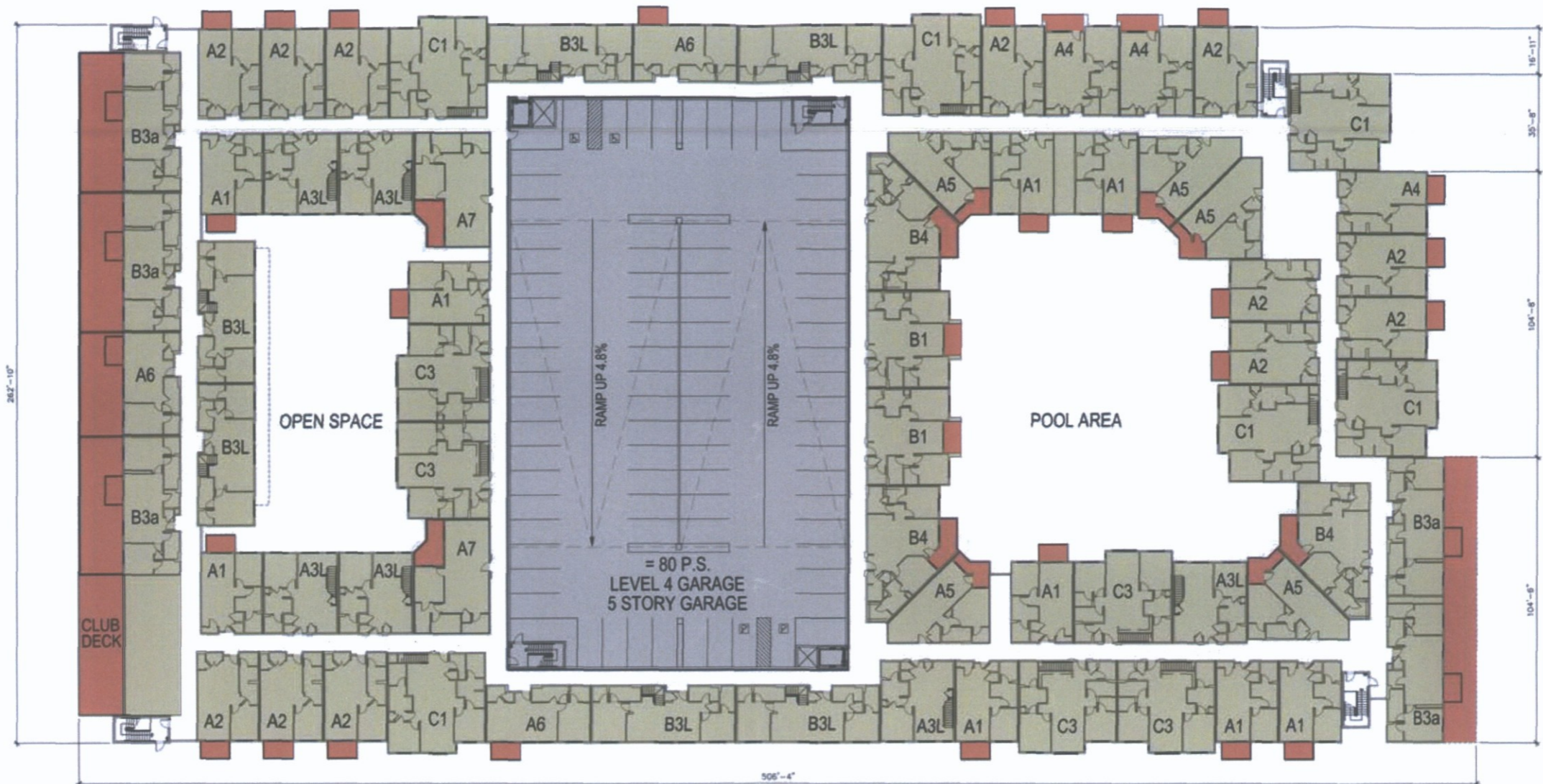
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FLOOR PLAN WORKSHEET
BUILDING 3RD FLOOR
NOT TO SCALE

A5.3
4-26-16

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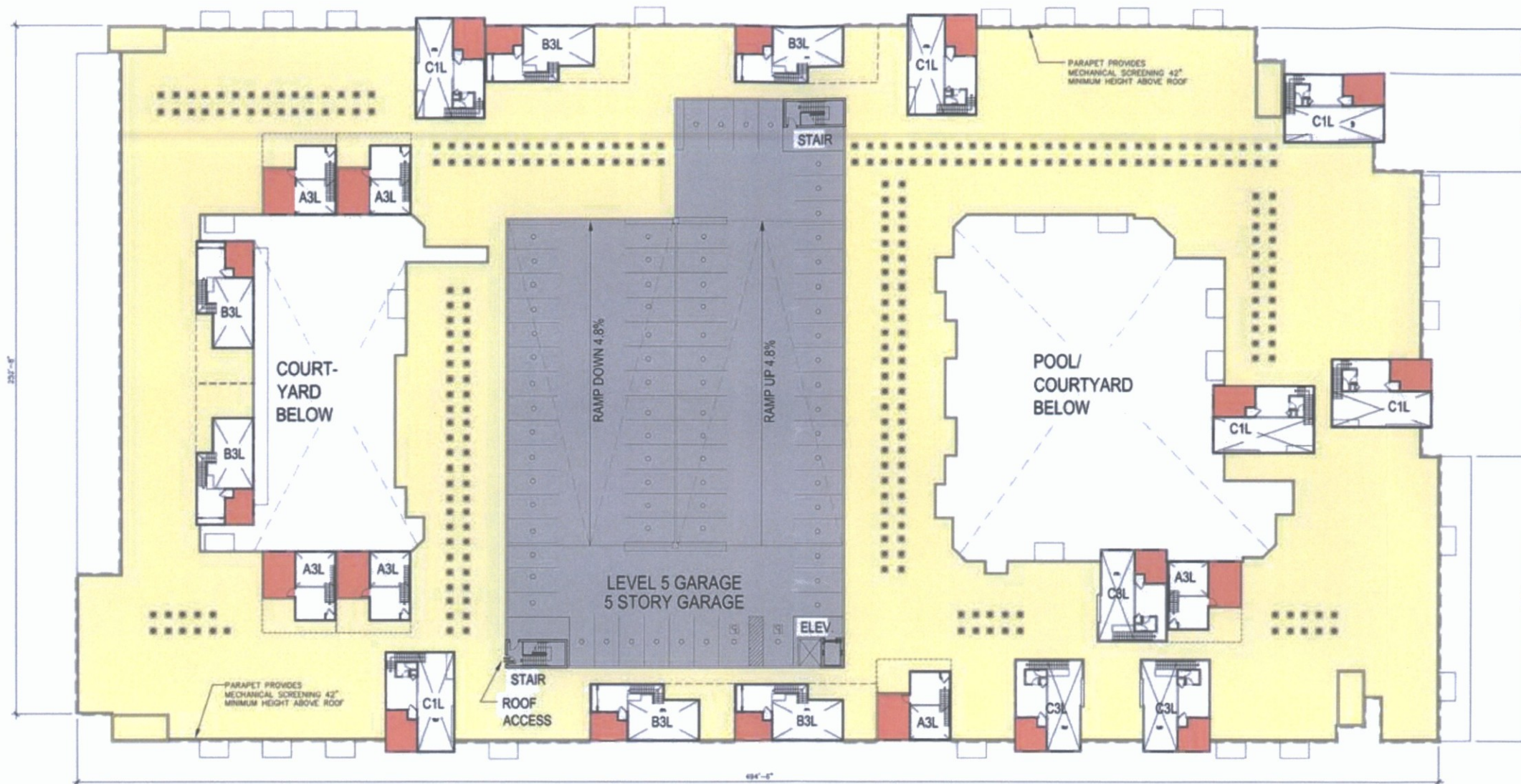
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 Phoenix, Arizona 85028
 Phone: 602.255.3200
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WOOD PARTNERS

FLOOR PLAN WORKSHEET | **A5.4**
 BUILDING 4TH FLOOR
 NOT TO SCALE 4-25-16

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TOTAL ROOF AREA (EXCLUDING COURTYARDS & 4TH FLOOR GARAGE): 96,983 SF



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denver colorado 80231
phone 303.295.9200
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ALTA OSBORN

WOOD PARTNERS

FLOOR PLAN WORKSHEET
MEZZANINE AND ROOF LEVEL

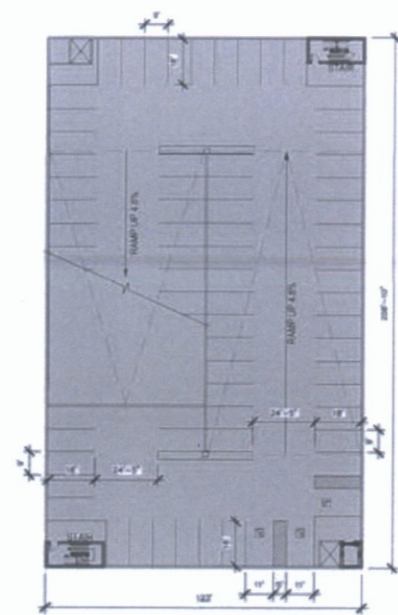
A5.5

NOT TO SCALE

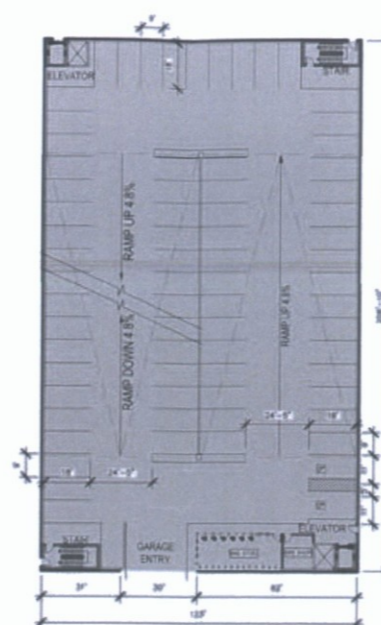
6-22-16

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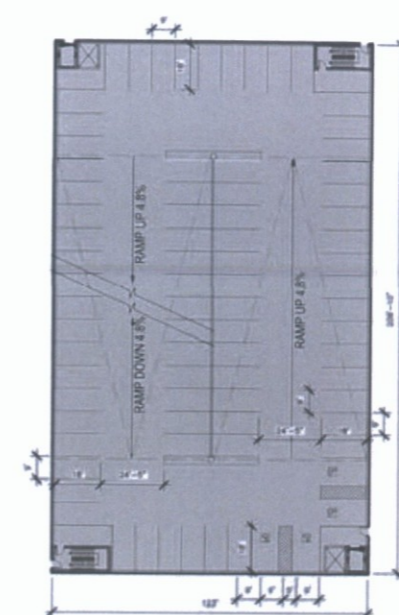
PARKING SUMMARY	
PARKING REQUIRED:	
ONE BEDROOM UNITS	172 x 1 = 172 P.S.
TRIPLE BEDROOM UNITS	106 x 2 = 212 P.S.
TOTAL REQUIRED	382 P.S.
PARKING PROVIDED:	
VISITOR PARKING (OPEN SPACES)	7 P.S.
GARAGE/COVERED SPACES	440 P.S.
TOTAL PARKING PROVIDED	447 P.S.
ACCESSIBLE PARKING REQUIRED:	
45 x 447 P.S. = 18 P.S.	
ACCESSIBLE PARKING PROVIDED:	
OPEN = 1 P.S.	
COVERED = 17 P.S.	
BICYCLE PARKING REQUIRED:	
1 SPACE PER 10 VEHICLE SPACES	
447 P.S. / 10 = 45 SPACES	
BICYCLE PARKING PROVIDED:	
48 SPACES	
32 SPACES IN PARKING GARAGE	
16 SPACES OUTSIDE RACKS	



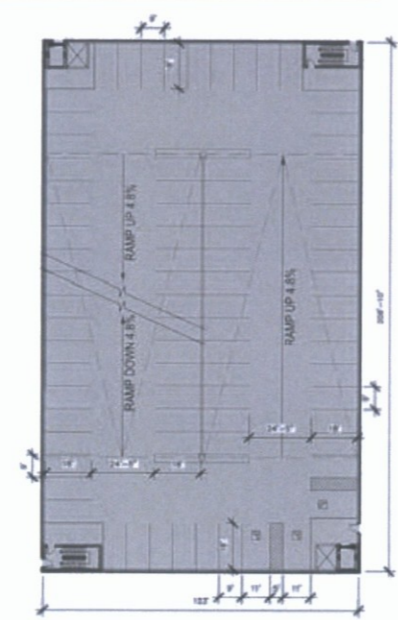
LOWER LEVEL



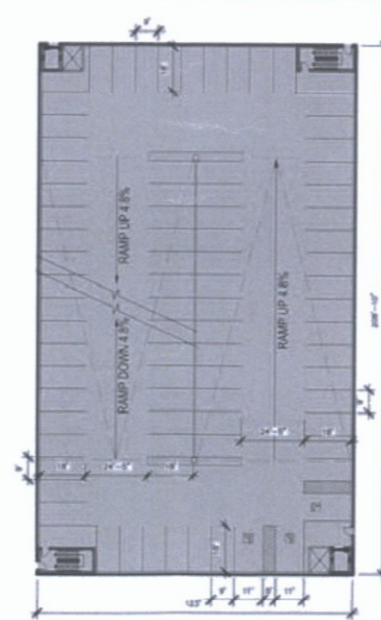
FIRST LEVEL



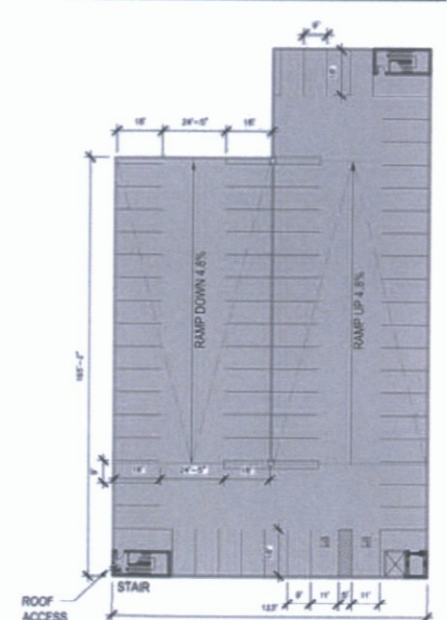
SECOND LEVEL



THIRD LEVEL



FOURTH LEVEL



FIFTH LEVEL

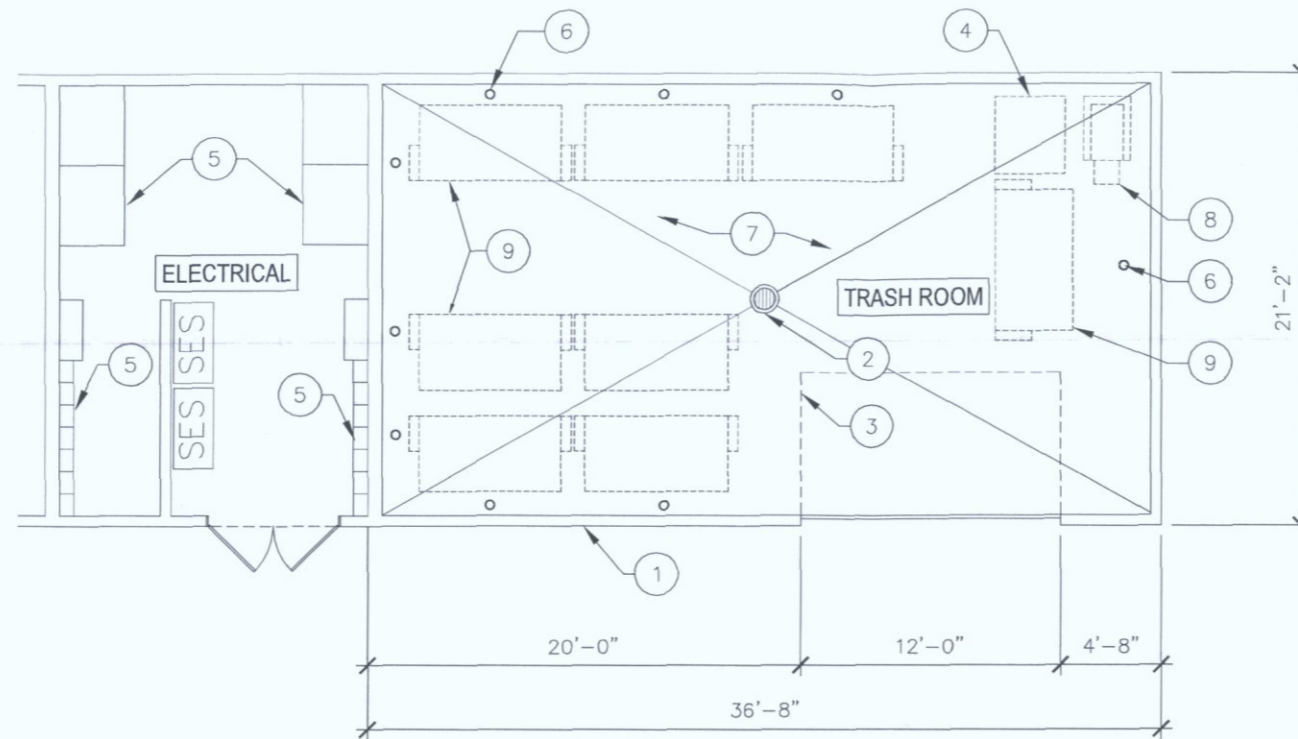
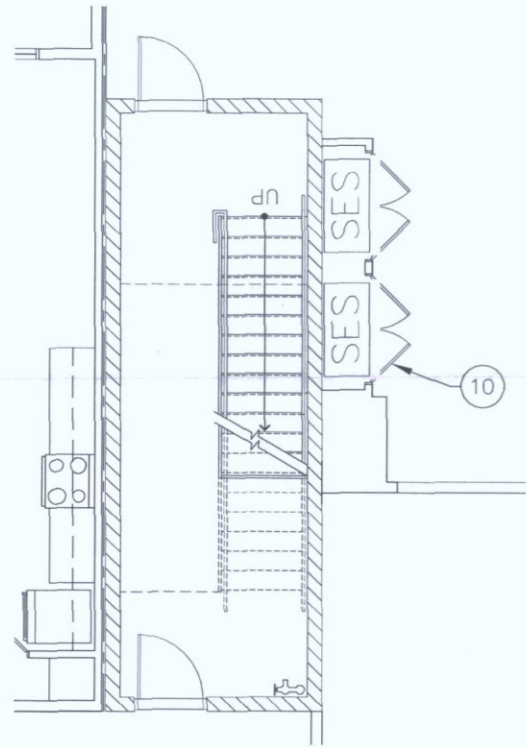


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ALTA OSBORN WOOD PARTNERS

FLOOR PLAN WORKSHEET | **A5.6**
 GARAGE
 NOT TO SCALE | 6-22-16

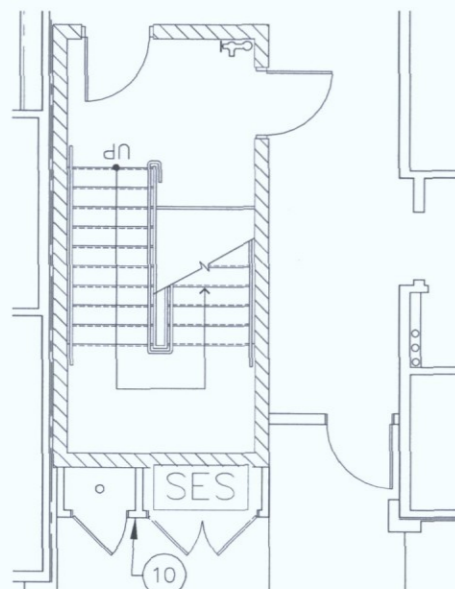
© BITFORM ARCHITECTURE GROUP, INC.



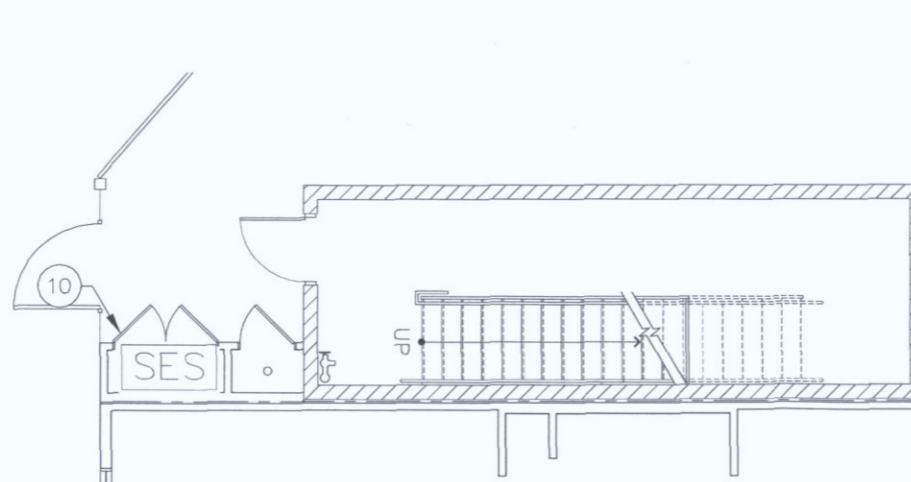
- KEYED NOTES:** #
1. 8" CMU WITH STUCCO FINISH, PAINTED.
 2. FLOOR DRAIN
 3. METAL OVERHEAD DOOR PAINTED TO MATCH BUILDING.
 4. TRASH COMPACTOR - MARATHON EQUIPMENT COMPANY, MINI M.A.C.
 5. ELECTRIC PANELS / METER PACKS
 6. 6" DIA. X 6'-0" CONCRETE FILLED PIPE BOLLARD SET 2'-0" INTO GROUND WITH 1'-6" DIA. FOOTING MIN., REFER TO DETAIL 3/A6.2.1.
 7. CONCRETE SLAB
 8. TRASH COMPACTOR REMOTE POWER UNIT. COORDINATE FINAL LOCATION WITH TRASH COMPACTOR SUPPLIER.
 9. 4 YARD COMPACTION CONTAINER.
 10. SOLID DOOR / ENCLOSURE TO MATCH BUILDING.

5 SES LOCATION N/E CORNER
1/4" = 1'-0"

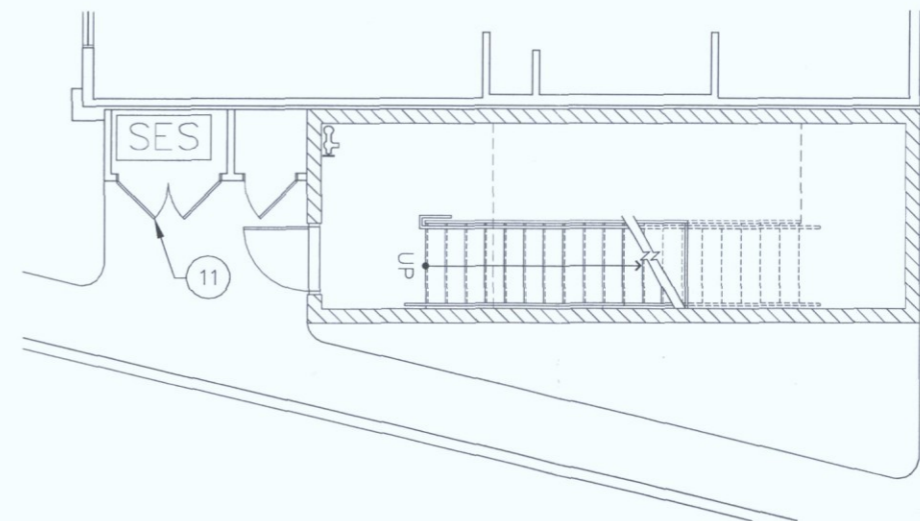
2 TRASH COMPACTOR PLAN
1/4" = 1'-0"



4 SES LOCATION S/E
1/4" = 1'-0"



3 SES LOCATION N/W CORNER
1/4" = 1'-0"



1 SES LOCATION S/W CORNER
1/4" = 1'-0"

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TRASH AND SES LOCATIONS
SCALE: SEE DRAWING

A5.7
10-17-16

42-DR-2016
10/19/16

KEYNOTES

- (A)** 6'(W) PEDESTRIAN GATE
- (B)** 6'(H) CRASH GATE
- (C)** BENCH SEATING
- (D)** MASONRY TREE PLANTER
- (E)** PARKING SCREEN WALL
- (F)** PERIMETER WALL
- (G)** PRECAST CONCRETE PLANTER & SEATING



Scottsdale Road



71st Street



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group, LLC
11460 north cave creek road, suite 111
peoria, arizona 85020
phone: 602.265.9200
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ALTA OSBORN

WOOD PARTNERS

Streetscape Elevations

date: 10.17.16
andersonbaron
plan · design · achieve
50 n. mcclintock drive, ste 1
chandler, arizona 85226
ph. 480.699.7956 f. 480.699.7986

42-DR-2016
10/19/16

DUP, INC.



Scottsdale Road
Street Elevation

KEYNOTES

- (A)** 6'(W) PEDESTRIAN GATE
- (B)** 6'(H) CRASH GATE
- (C)** BENCH SEATING
- (D)** MASONRY TREE PLANTER
- (E)** PARKING SCREEN WALL
- (F)** PERIMETER WALL



Clubhouse Enlargement



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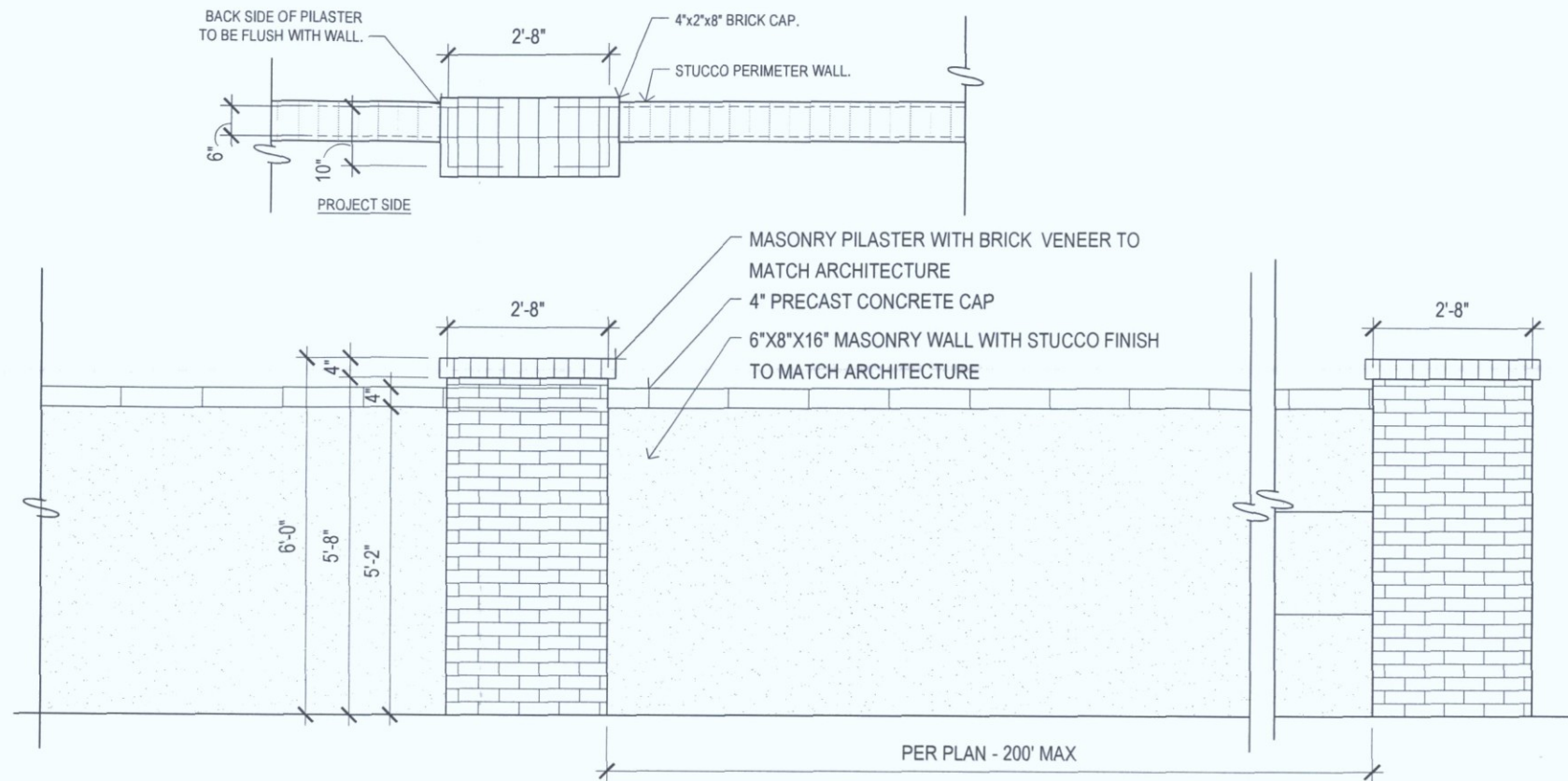
Streetscape Elevations
Clubhouse Enlargement

date: 10.17.16

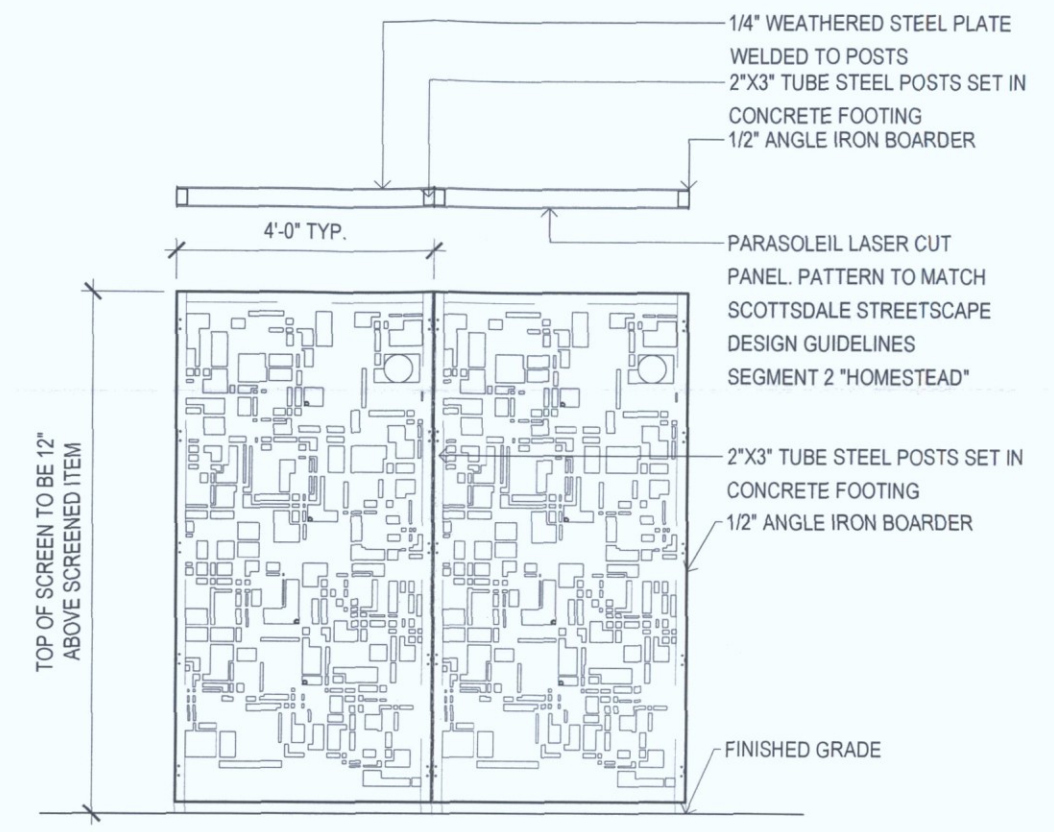
andersonbaron
 plan · design · achieve
 50 n. mcclintock drive, ste 1
 chandler, arizona 85226
 ph. 480.699.7956 f.480.699.7986

42-DR-2016
10/19/16

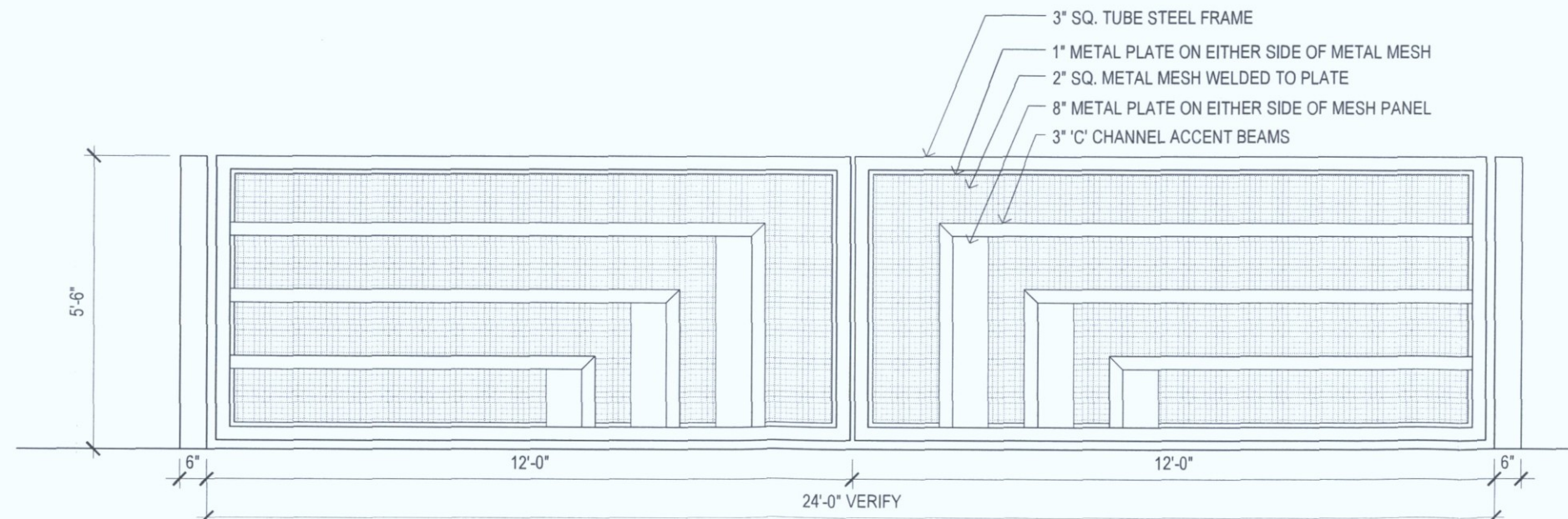
TECTURE GROUP, INC.



1 South Boundary Site Wall
SCALE: N.T.S.



2 Utility Screen
SCALE: N.T.S.



3 Crash Gates
SCALE: N.T.S.



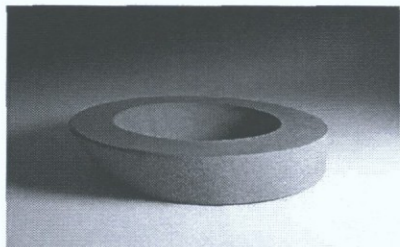
biltform architecture group, llc.
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phoenix, arizona 85020
Phone: 602.285.9200
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ALTA OSBORN WOOD PARTNERS

Site Details 1 of 3

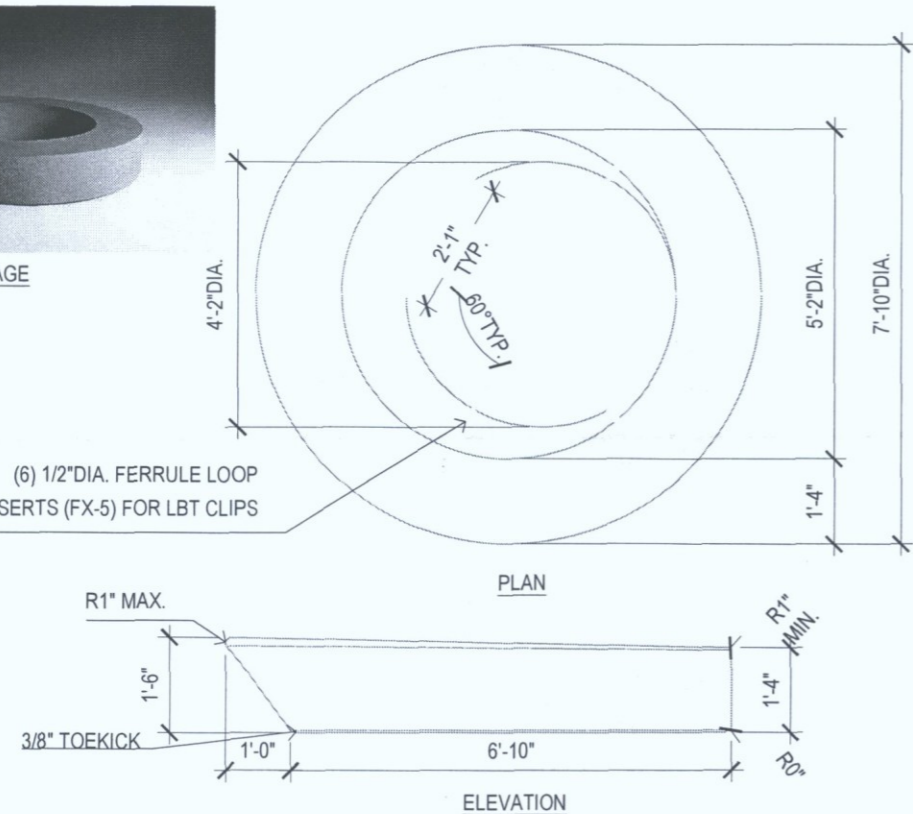
date: 10.12.16
andersonbaron
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50 n. mcclintock drive, ste 1
chandler, arizona 85226
ph. 480.699.7956 1.480.699.7986

42-DR-2016
10/19/16



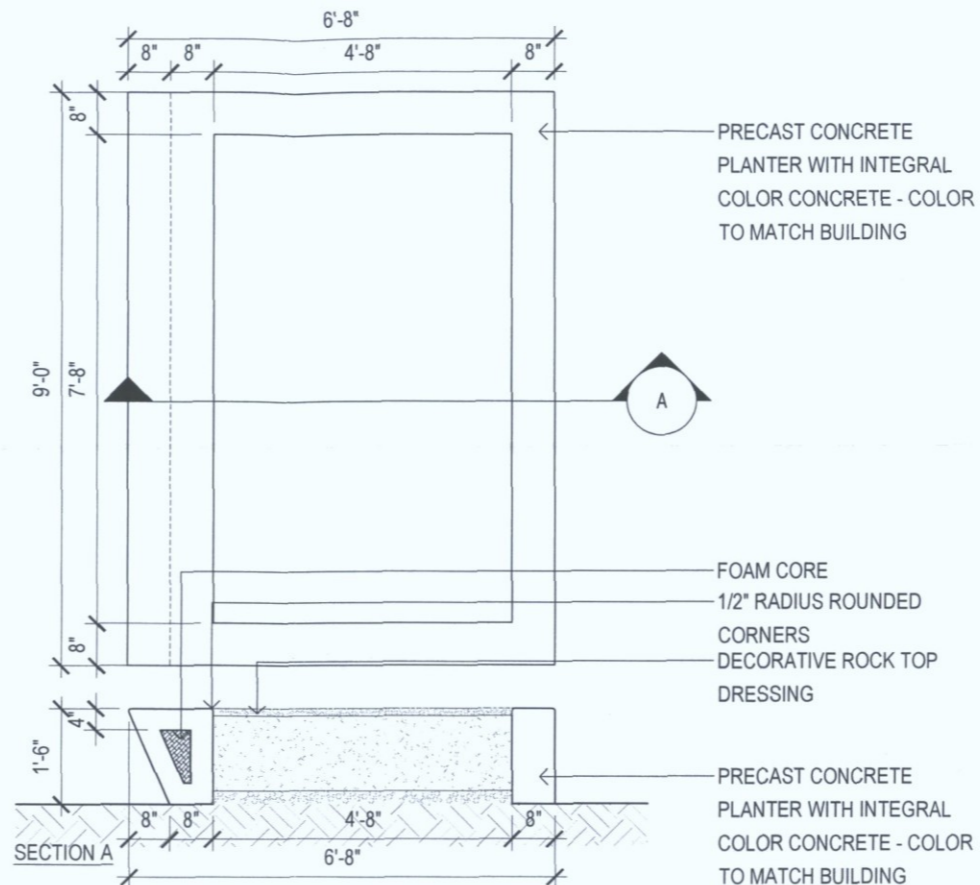
DESIGN INTENT IMAGE

(6) 1/2"DIA. FERRULE LOOP INSERTS (FX-5) FOR LBT CLIPS



1 Precast Concrete Accent Planter

SCALE: N.T.S.

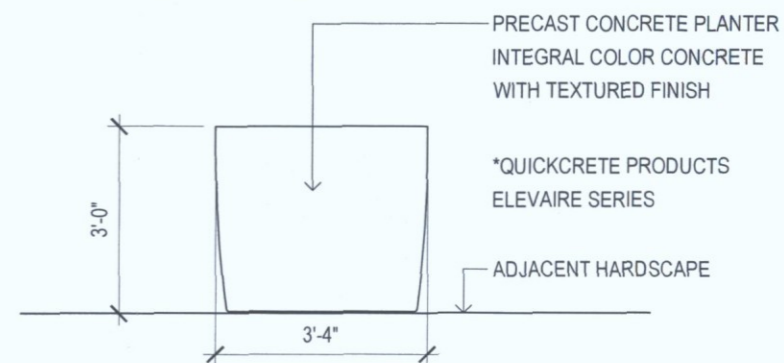


2 Raised Planter

SCALE: N.T.S.

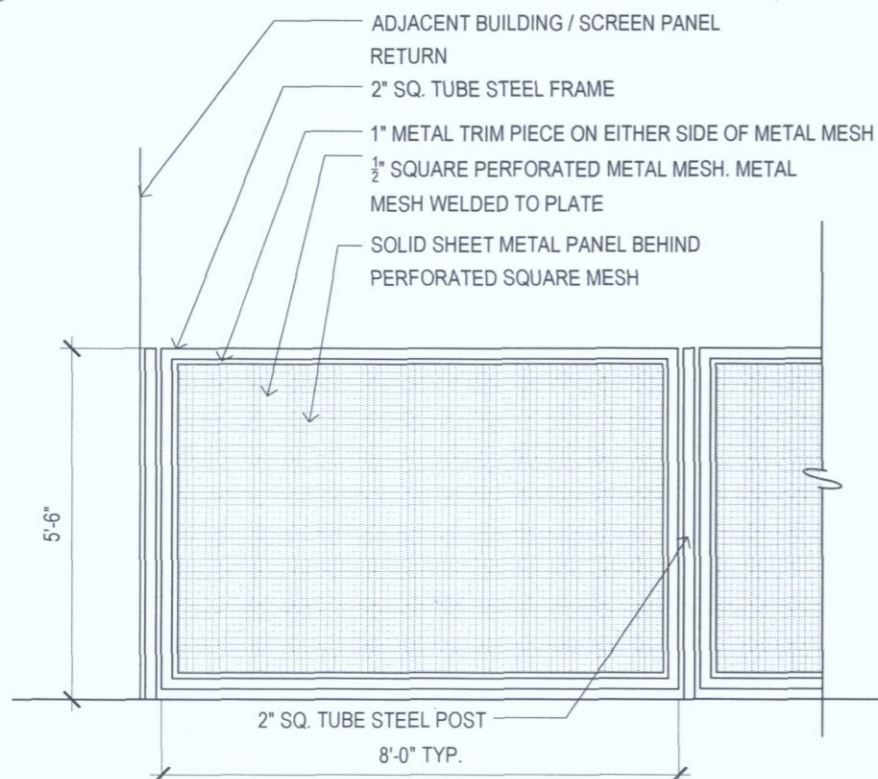


DESIGN INTENT IMAGE



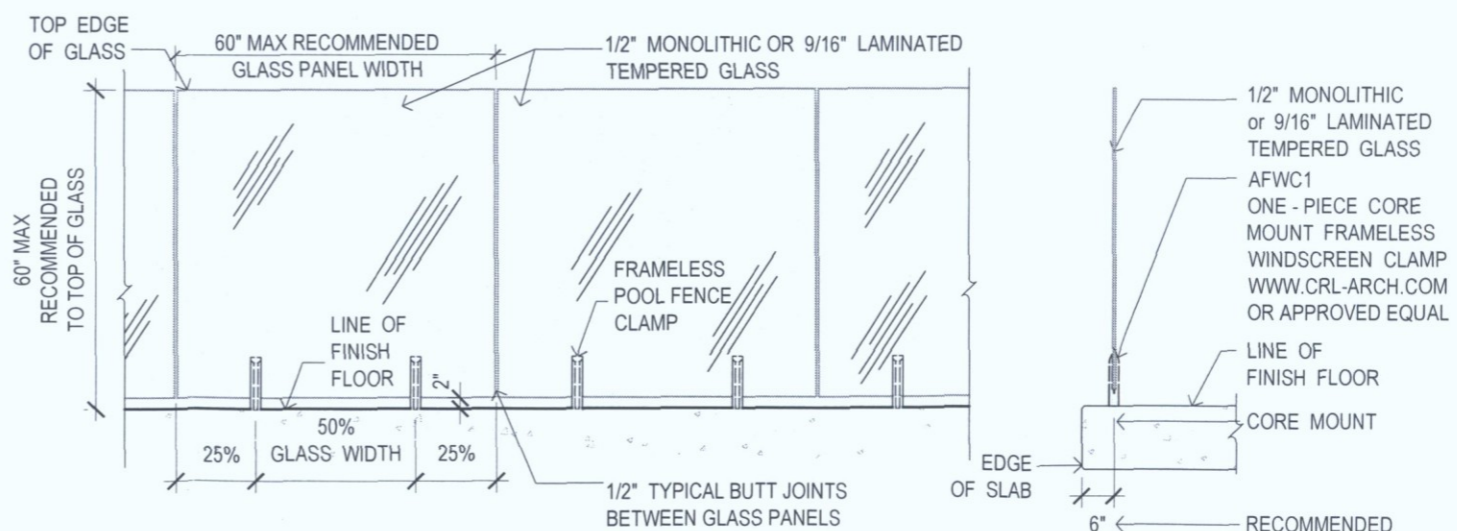
3 Planter Pot

SCALE: N.T.S.



4 Full View Fence

SCALE: N.T.S.



5 Glass Pool Barrier

SCALE: 1/2" = 1'-0"

NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR LANDSCAPE ARCHITECT'S APPROVAL.

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architecture

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group, LLC.
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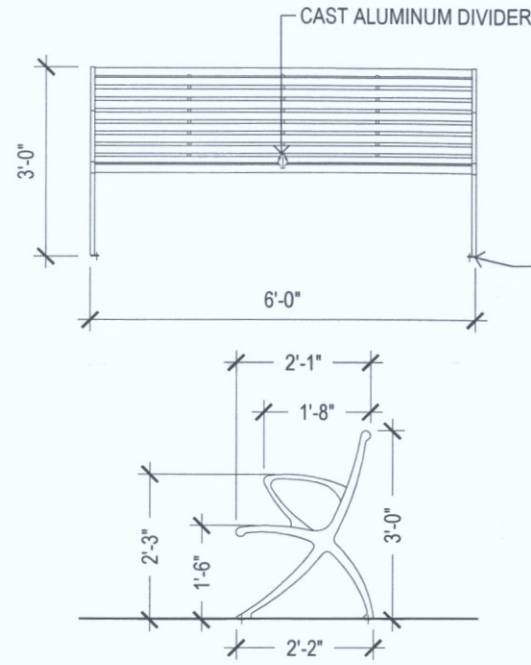
ALTA OSBORN
WOOD PARTNERS

Site Details 2 of 3

date: 10.12.16
andersonbaron
plan · design · achieve
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chandler, arizona 85226
ph. 480.699.7956 f. 480.699.7986

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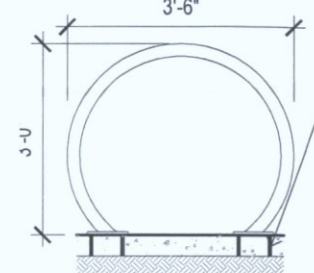
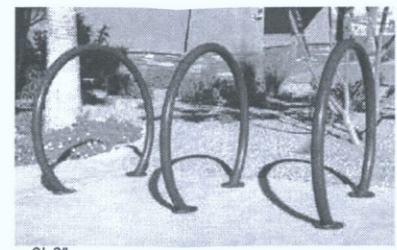


CAST ALUMINUM DIVIDER

SURFACE MOUNT TAB WITH 7/16" (11) HOLES FOR ANCHORING. NON-CORROSIVE MOUNTING HARDWARE BY OTHERS

PARK BENCH:
 MANUF: LANDSCAPE FORMS
 MODEL: PARC-VUE
 72" BACKED BENCH WITH ARMS
 431 LAWDALE AVENUE
 KALAMAZOO, MI 49048
 PHONE: (269) 381-0396
 FAX: (269) 381-3455

1 Park Bench
 SCALE: N.T.S.

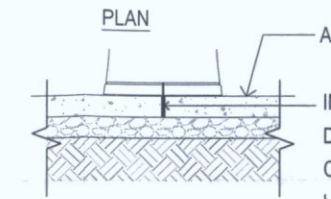
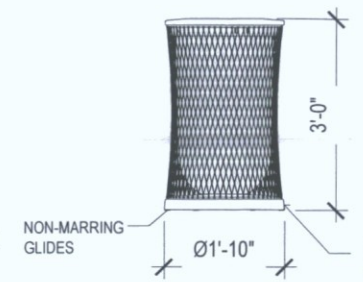
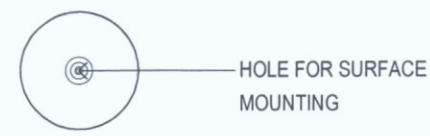


INSTALL (2) 3/8" THREADED DOWEL IN CONCRETE STRIP CORE DRILL 7/16" DIA. HOLE & LOCATE WHEN BENCH IS IN PLACE. SECURE DOWEL WITH EPOXY AND BOLT BENCH INTO PLACE WITH WASHER AND NUT.

INSTALL PER MANUFACTURES SPECIFICAITONS.

BIKE RACK:
 P.W. ATHLETIC MFG. CO.
 LOCAL REP:
 DAVE BANG ASSOC.
 PHONE: 800-456-7903 WEB: WWW.PWATHLETIC.COM
 COLOR: POWDERCOAT
 BLACK METAL
 MODEL: 1700-00 / M3
 ROUND-UP BIKE RACK

2 Bike Rack
 SCALE: N.T.S.



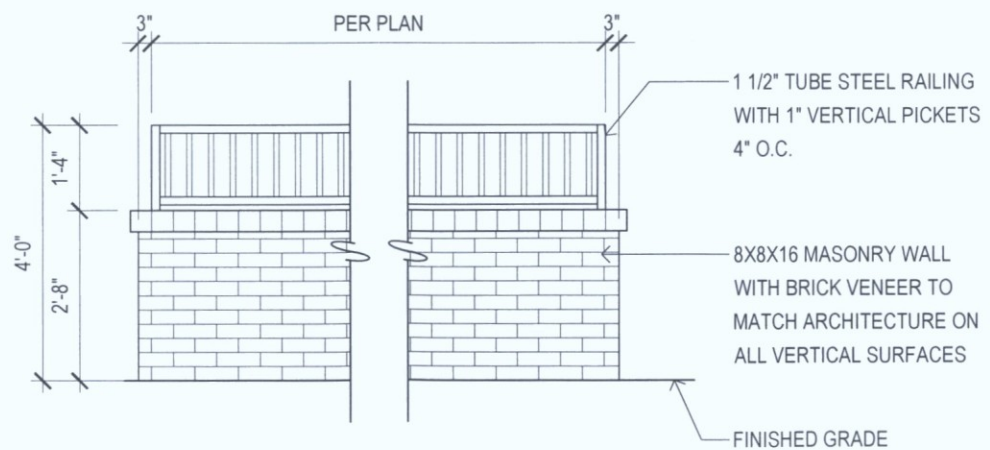
TRASH RECEPTACLE:
 MANUF: LANDSCAPE FORMS
 MODEL: PARC-VUE
 PV64-01 W/ URN SHAPED-LINER
 431 LAWDALE AVENUE
 KALAMAZOO, MI 49048
 PHONE: (269) 381-0396
 FAX: (269) 381-3455

INSTALL (1) 3/8" THREADED DOWEL IN CONCRETE PAD. CORE DRILL 1/2" DIA HOLE & LOCATE WHEN RECEPTACLE IS IN PLACE. SECURE DOWEL WITH EPOXY AND BOLT RECEPTACLE INTO PLACE WITH WASHER AND NUT.

CAST IRON BASE HAS CENTER Ø19/32" [15] HOLE FOR SURFACE MOUNTING (NON-CORROSIVE ANCHORING HARDWARE PROVIDED BY OTHERS)



3 Trash Receptacle
 SCALE: N.T.S.



4 Screen Wall
 SCALE: N.T.S.

biltform
 architecture

biltform architecture group, LLC.
 11450 north cave creek road, suite 11
 phoenix, arizona 85020
 Phone: 602.285.9200
 www.biltform.com

ALTA OSBORN
 WOOD PARTNERS

date: 10.12.16
andersonbaron
 plan · design · achieve
 30 n. mcclintock drive, ste 1
 chandler, arizona 85226
 ph. 480.699.7956 f. 480.699.7986

Site Details 3 of 3

42-DR-2016
10/19/16
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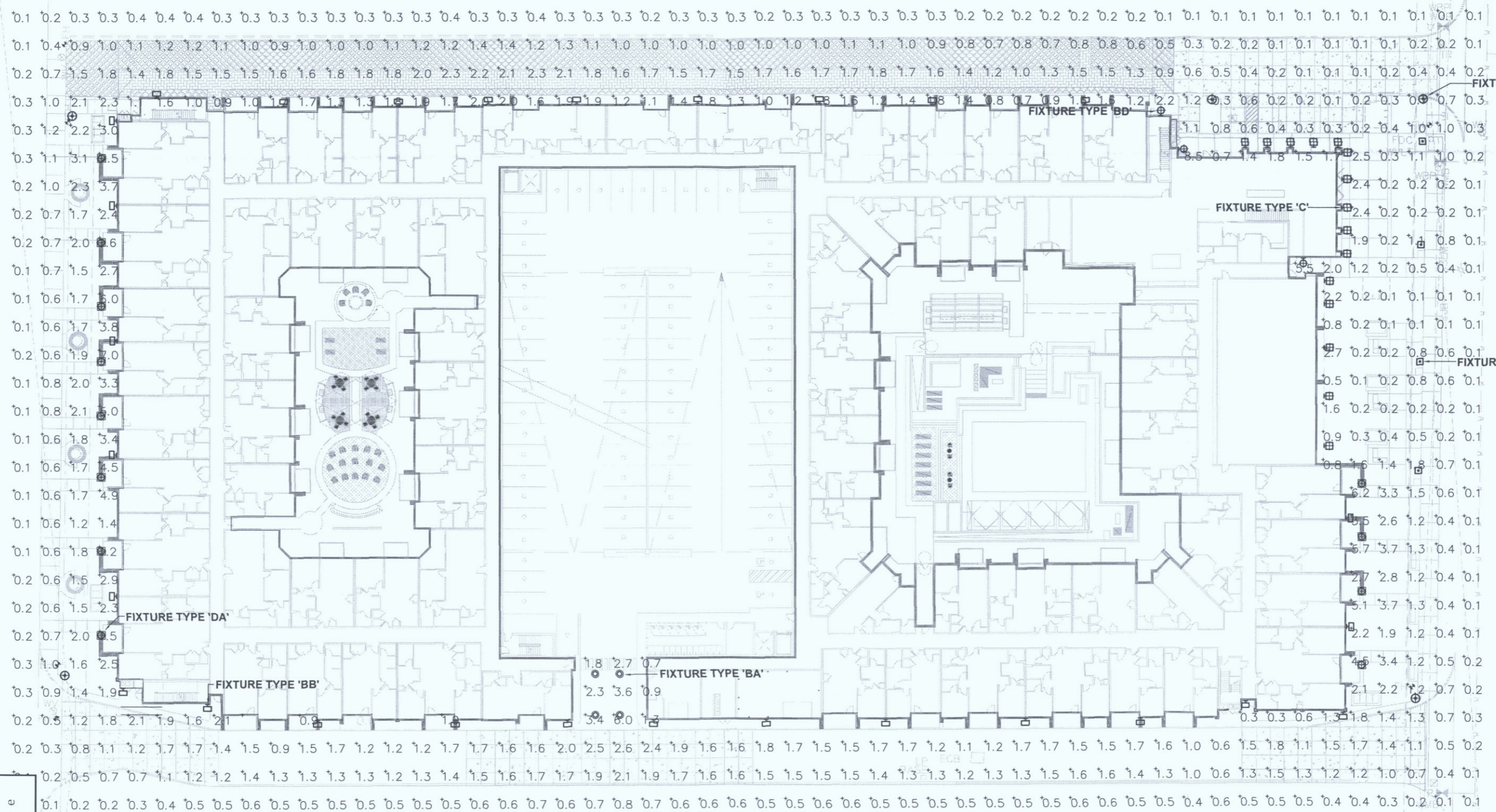
MCR# 047-08
SECURITY MANOR
APN 130-16-035B
DIDMU-2 PBD DO

MCR# 047-08
SECURITY MANOR
APN 130-16-038A
DIDMU-2 PBD DO

MCR# 047-08
SECURITY MANOR
APN 130-16-039A
DIDMU-2 PBD DO

MCR# 047-08
SECURITY MANOR
APN 130-16-040
DIDMU-2 PBD DO

MCR# 008-59
SECURITY ACRES AMD
APN 130-16-005D
DI0C-2 PBD DO



APN 130-16-020B
R5

APN 130-16-017A
R5

APN 130-16-010
R5

MCR# 008-59

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11460 north cave creek road, suite 111
phoenix, arizona 85020
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www.biltform.com

ALTA OSBORN WOOD PARTNERS

MRC
ENGINEERING, INC.
Professional Engineers & Lighting Consultants
o: 760-340-9005 f: 760-340-9100
PALM DESERT | SANTA ANA | SAN DIEGO

Project Number:
15087

42-DR-2016
10/19/16



LUMINAIRE SPECIFICATION

Head Office: Tel: 503-645-0500
7144 NW Progress Ct. Fax: 503-645-8100
Hillsboro, Oregon 97124
www.ligmanlightingusa.com

IP65 : Suitable for Wet Locations
IK08 : Impact Resistant (Vandal Resistant)

UVA-20001

Vancouver Square light column LED

A stylish square light column with downward light distribution using LED lamps. This light column offers optimal visual comfort through glare control by utilizing a controlled optics designed by Ligman. These columns have a square design providing a unique wide light distribution, offering an architecturally appealing clover leaf pattern on the paving. The internal sides of the supporting pillars are accented by light from the LED.

The minimalistic shape provides distinctive lighting effects by night and decorative urban effect during the day. Suitable for pedestrian areas, precincts, building surrounds, shopping centers, squares and parks.

Extruded aluminum column and low copper content die cast housing with high corrosion resistance. Stainless steel screws. Durable high temperature silicone rubber gasket and clear tempered glass with anodized high purity aluminum reflector. Housing is treated with twin nickel and zinc phosphate protection before powder coating (4.7 mil thickness), ensuring high corrosion resistance. Provided with integral drivers and anchor bolts (the root mount kit is an option and is an adder) Designed to complement the Vancouver bollard.

Physical Data

Length: 9'4"

Height: Specify

Weight: 121 lb

Lamp

41w - 2775lm - White - LED

W27 - 2700K

W30 - 3000K

W40 - 4000K

Voltage (Please Specify)

120-277v

Other

Options (Please Specify)

Color (Please Specify)

01-Black - RAL 9011

02-Dark Grey - RAL 7043

03-White - RAL 9003

04-Metallic Silver - RAL 9006

05-Matt Silver - RAL 9006

07-Custom - RAL

06-Bronze - RAL 6014

01 02 03 04 05 06

Pre-ship anchor bolts and template

F-Frosted Lens

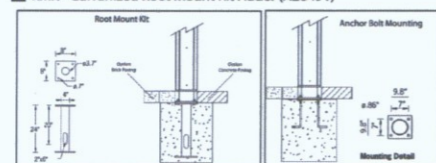
C-Clear Lens

HGT - Specify Custom Height

GFCI - GFCI Receptacle - Specify Position

RMK - Galvanized Root Mount Kit Adder (A20491)

RMK - Galvanized Root Mount Kit Adder (A20491)



Ordering Example: UVA-20001 - 41w - W30 - 120-277v - Options



PROJECT: _____

DATE: _____

TYPE: _____

QUANTITY: _____

NOTE: _____

Ligman Lighting USA reserves the right to change specifications without prior notice, please contact factory for latest information. Due to the continual improvements in LED technology data and components may change without notice.



FEATURES & SPECIFICATIONS

INTENDED USE — Our recessed LED module is the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance. Great for retrofit into existing downlight cans or new construction and remodel applications. Unique torsion spring and friction clip retention allows fixture into nearly 100% of installed cans. The LED module maintains at least 70% light output for 50,000 hours.

CONSTRUCTION — Aluminum die cast reflector with deep baffle configuration for reduced glare. Combined LED and driver printed circuit board attached. Inner reflector cone funnels light through the pressed-in diffused lens.

OPTICS — Diffused lens at end of mixing chamber to provide even light distribution for general illumination, equivalent to 65W BR30 or 100W BR30 lamp.

ELECTRICAL — Center 2 Edge™ (patent pending) technology created for a single point source. Primary power disconnect provided for simple connection to a dedicated LED connector in the housing.

OPTICS — Diffused lens at end of mixing chamber to provide even light distribution for general illumination, equivalent to 65W BR30 or 100W BR30 lamp.

OPTICS — Diffused lens at end of mixing chamber to provide even light distribution for general illumination, equivalent to 65W BR30 or 100W BR30 lamp.

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OPTICS — Diffused lens at end of mixing chamber to provide even light distribution for general illumination, equivalent to 65W BR30 or 100W BR30 lamp.

Form for Catalog Number, Notes, and Type.



Example: 6BP TRMW LED 27K 90CRI

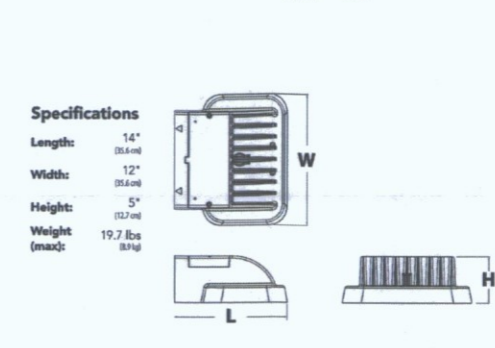
ORDERING INFORMATION

Table with columns: Series/Finish, Lamp, CCT / CRI / W / Lumens, Voltage, Options. Lists various fixture models and their specifications.

Accessories: Order as separate catalog numbers. Includes notes on total system delivered lumens and separate line items.



Form for Catalog Number, Notes, and Type for the KAXW luminaire.



Ordering Information

Table with columns: Series, Performance package, Color temperature, Distribution, Voltage, Mounting, Control options, Other options, Finish received. Lists various KAXW LED fixture options.

NOTES: 1. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). 2. Must specify 120V or 277V. 3. Dimming driver standard. 4. Not available with ROAMB. 5. Also available as a separate accessory. 6. Specifies the Sensor Switch MSCO-3-ODP control. 7. Must specify 120V or 277V. 8. Must specify 120, 277, or 347V option. 9. Must specify 208, 240, or 480V option. 10. Also available as a separate accessory. 11. Requires a controller equipped with DMX dimming lighting. 12. Requires luminaire to be specified with PER, PERS or PERT option. Ordered and shipped as a separate line item from Acuity Brands Controls.

EXAMPLE: KAXW LED P3 40K R3 MVOLT DBBX

Table showing example ordering information for KAXW LED P3 40K R3 MVOLT DBBX, including Series, Performance package, Color temperature, Distribution, Voltage, Mounting, Control options, Other options, and Finish received.

Accessories: Order and shipped separately. Lists various accessory options like BL1277 L1 B, BL1277 L1 C, BL1277 L1 D, BL1277 L1 E, BL1277 L1 F, BL1277 L1 G, BL1277 L1 H, BL1277 L1 I, BL1277 L1 J, BL1277 L1 K, BL1277 L1 L, BL1277 L1 M, BL1277 L1 N, BL1277 L1 O, BL1277 L1 P, BL1277 L1 Q, BL1277 L1 R, BL1277 L1 S, BL1277 L1 T, BL1277 L1 U, BL1277 L1 V, BL1277 L1 W, BL1277 L1 X, BL1277 L1 Y, BL1277 L1 Z.

FIXTURE TYPE 'A'

FIXTURE TYPE 'BA'

FIXTURE TYPE 'BB'



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phoenix arizona 85020
Phone 602.285.9200
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ALTA OSBORN WOOD PARTNERS



Project Number: 10087
Professional Engineers & Lighting Consultants
o: 760-340-9005 f: 760-340-9100
PALM DESERT | SANTA ANA | SAN DIEGO

42-DR-2016
10/19/16

ARCHITECTURE GROUP, INC.

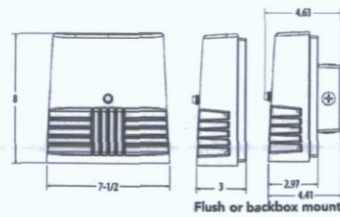


OLWX1 LED LED Wall Luminaire



Specifications

- Width: 7-1/2" (7.6m)
- Height: 8" (20.3m)
- Depth: 3" (7.62m)
- Weight: 5 lbs (2.27kg)



Introduction

As versatile as it is efficient, the OLWX1 is designed to replace up to 250W metal halide while saving over 87% in energy costs. It combines multiple mounting options with the latest generation of LEDs for a wall pack luminaire that converts to a whole lot more. Whether you are mounting it to a recessed junction box, conduit/through wiring, as an up light, as a down light, or as a flood light – the OLWX1 has you covered.

Ordering Information

EXAMPLE: OLWX1 LED 20W 50K

OLWX1 LED Series	Performance Package	Color Temperature	Voltage	Controls	Finish
OLWX1 LED	13W 13 watts 20W 20 watts 40W 40 watts	40K 4000 K ¹ 50K 5000 K	(blank) MVOLT ² 120 120V ¹ 347 347V	(blank) None PE 120V button photozell ³	(blank) Dark bronze

Accessories

- OLWX1S Splitter – size 1
- OLWX1YK Yoke – size 1
- OLWX1HK Knuckle – size 1

NOTES

- Not available with 347V option.
- MVOLT driver operates on any line voltage from 120-277V (50/60Hz).
- Specify 120V when ordering with photozell (PE) option.

FEATURES & SPECIFICATIONS

INTENDED USE
The versatility of the OLWX1 LED combines a sleek, low-profile wall pack design and high-output LEDs to provide an energy efficient, low maintenance LED wall pack suitable for replacing up to 250W metal halide fixtures. Available flood light mounting accessories convert the OLWX1 LED into a highly efficient flood light.

OLWX1 LED is ideal for outdoor applications such as building perimeters, loading areas, driveways and sign and building flood lighting.

CONSTRUCTION
Rugged cast-aluminum housing with textured dark bronze polyester powder paint for lasting durability. Integral heat sink optimizes thermal management through conductive and convective cooling. LEDs are protected behind a glass lens. Housing is sealed against moisture and environmental contaminants (IP65).

OPTICS
High performance LEDs behind clear glass for maximum light output. Light engines are available in 4000K and 5000K CCTs. See Lighting Facts label and photometry reports for specific fixture performance.

ELECTRICAL
Light engine consists of 1 high-efficiency Chip On Board (COB) LED with integrated circuit board mounted directly to the housing to maximize heat dissipation and promote long life (8.7x/100,000 hours at 25°C). Electronic drivers have a power factor >90% and THD <25% and a minimum 2.5kV surge rating. Flood light mounting accessories include an additional 6kV surge protection device.

INSTALLATION

Easily mounts to recessed junction boxes with the included wall mount bracket, or for surface mounting and conduit entry – with the included junction box with five 1/2" threaded conduit entry hubs. Flood light mounting accessories (sold separately) include knuckle, integral splitter and yoke mounting options. Each flood mount accessory comes with a top view and vandal guard. Luminaire may be wall or ground mounted in downward or upward orientation.

LISTINGS
UL Listed to U.S. and Canadian safety standards for wet locations. Rated for -40° C minimum ambient. Tested in accordance with IESNA LM-79 and LM-80 standards. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY
Five-year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/terms_and_conditions.aspx.

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.



LUMINAIRE SPECIFICATION

IP65 : Suitable for Wet Locations
IK08 : Impact Resistant (Vandal Resistant)



UTA-31891

Tango 32 square wall up/down LED Type II, III, IV
Wall luminaires with a variety of lenses and lamps with up and downward light distributions. The Tango is unique as it is available with Type II, III, IV & V light distribution options that facilitates wider spacing and even light distribution between the light fixtures. Providing higher energy saving and reduced installation costs. The up-down versions can be manufactured with different distributions. Designed to illuminate the wall surface and for light accents on vertical surfaces.

Low copper content die-cast aluminum housing and aluminum frame with integral anti-glare baffles. Stainless steel screws. Durable silicone rubber gasket and clear toughened glass. Single cable entry. Housing is treated with a nickel and chrome phosphate protection before applying a 4.7 mil powder coating, this ensures high corrosion resistance. Integral electronic control gear. Mounting plate for 3" and 4" junction box is provided with the fixture. Surface mount conduit boxes are available as an option. A round pole adapter can be manufactured to suit specific pole diameters. Please contact the factory for more information.

Physical Data

Length: 10.3"
Height: 10.8"
Weight: 14.3 lbs

Lamp

- 2x38w - White - LED
- 2x20w - White - LED
- 2x28w - White - LED

Distribution Type (Please Specify)

- T2 - Type II
- T3 - Type III
- T4 - Type IV

LED Color (Please Specify)

- W27 - 2700K
- W30 - 3000K
- W40 - 4000K

Voltage (Please Specify)

- 120v/277v
- Other _____

Color (Please Specify)

- 01-Black - RAL 9011
- 03-White - RAL 9003
- 05-Matt Silver - RAL 9006
- 06-Bronze - RAL 6014
- 02- Dark Grey - RAL 7043
- 04 - Metallic Silver - RAL 9006
- 07- Custom - RAL _____

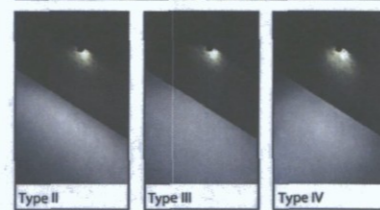
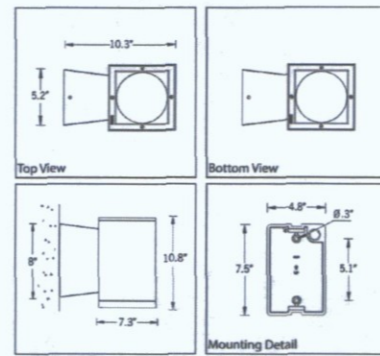


Options (Please Specify)

- F - Frosted Lens
- C - Clear Lens



- SCE - Surface Conduit Entry Box - 1/2" Conduit 3/4" Conduit
- HGT - Specify Custom Height _____



Up, Down and Up/Down styles available upon request. Custom distribution types for the various styles are also available.

Ordering Example : UTA - 31891 - 2x38w - W30 - T2 - 120v - Options



PROJECT:

Rev: 10/15

TYPE: _____

QUANTITY: _____

NOTE: _____

DATE:



PROJECT:



Rev: 11/13

TYPE: _____

QUANTITY: _____

NOTE: _____

DATE:



LUMINAIRE SPECIFICATION

Head Office: Tel: 503-645-0500
7144 NW Progress Ct. Fax: 503-645-8100
Hillsboro, Oregon 97124
www.ligmanlightingusa.com



IP65 : Suitable for Wet Locations
IK08 : Impact Resistant (Vandal Resistant)



UVA-10001

Vancouver Square light bollard LED

A stylish square bollard with glare free downward light distribution using LED lamps. This bollard offers optimal visual comfort through glare control by utilizing a controlled optics designed by Ligman. These bollards have a square design with a four sided light distribution, providing a unique wide light distribution, offering an architecturally appealing cross-hatched pattern on the paving. The internal sides of the supporting pillars are accented by light from the LED.

The minimalist shape provides distinctive lighting effects by night and decorative urban effect during the day. Suitable for pedestrian areas, precincts, building surrounds, shopping centers, squares and parks. Extruded aluminum column and low copper content die cast housing with high corrosion resistance. Stainless steel screws. Durable high temperature silicone rubber gasket and clear tempered glass with anodized high purity aluminum reflector. Housing is treated with twin nickel and zinc phosphate protection before powder coating (4.7 mil thickness), ensuring high corrosion resistance. Provided with integral drivers and anchor bolts.

Physical Data

Width: 9.4" x 9.4"
Height: 40"
Weight: 24 lb

Lamp

- 21w - 1270lm - White - LED

LED Color (Please Specify)

- W27 - 2700K
- W30 - 3000K
- W40 - 4000K

Voltage (Please Specify)

- 120v-277v
- Other _____

Options (Please Specify)

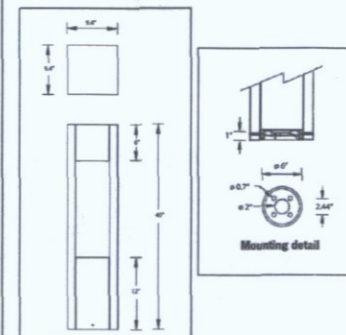
Color (Please Specify)

- 01-Black - RAL 9011
- 03-White - RAL 9003
- 05-Matt Silver - RAL 9006
- 06-Bronze - RAL 6014
- 02- Dark Grey - RAL 7043
- 04 - Metallic Silver - RAL 9006
- 07- Custom - RAL _____



- HGT - Specify Custom Height _____

- Pre-ship anchor bolts and templates



Ordering Example : UVA - 10001 - 21w - W30 - 120-277v - Options



PROJECT:



Rev: 11/13

TYPE: _____

QUANTITY: _____

NOTE: _____

DATE:



FIXTURE TYPE 'BD'

FIXTURE TYPE 'C'

FIXTURE TYPE 'D' & 'DA'

biltform architecture

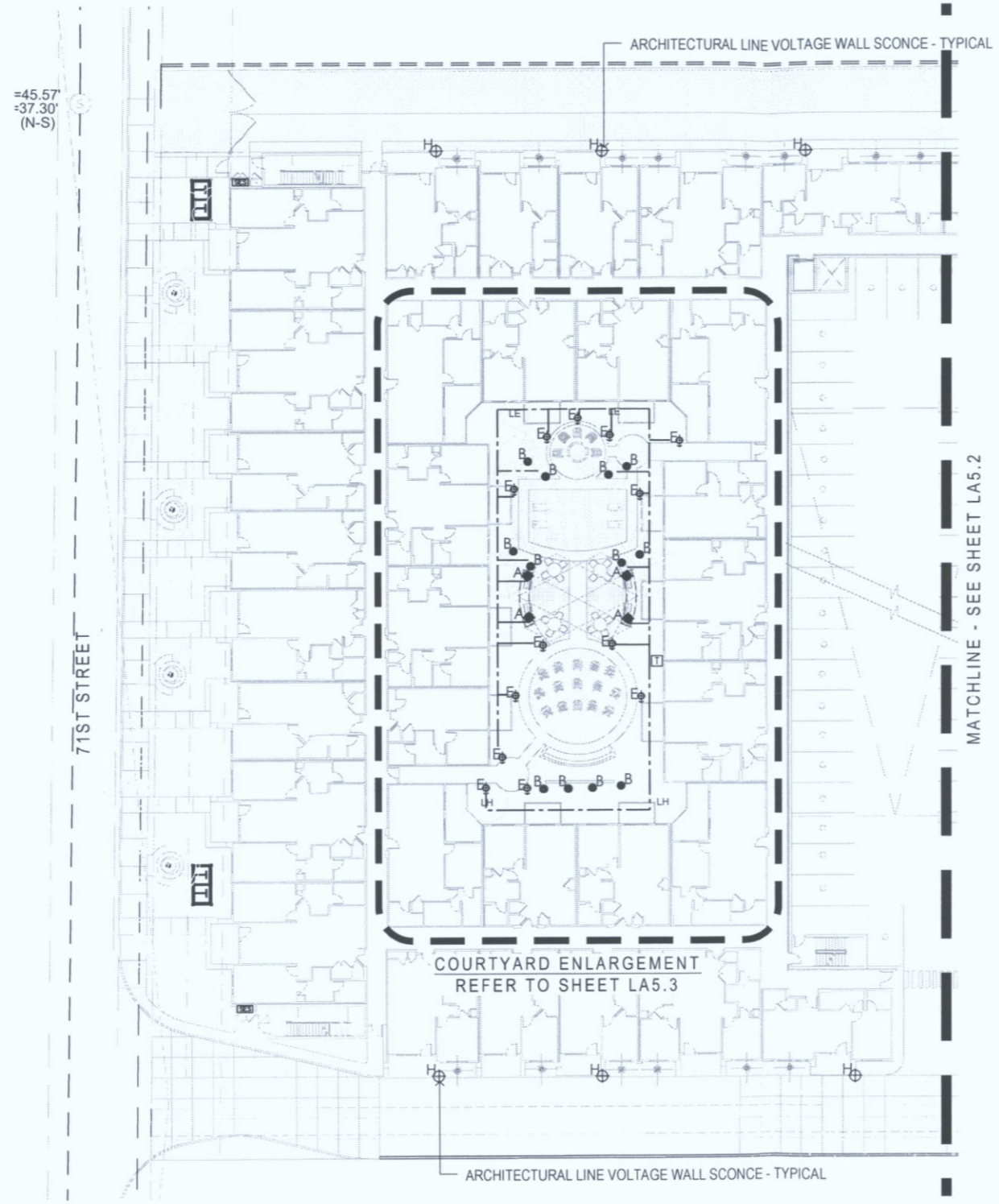
biltform architecture group, LLC.
11460 north cave creek road suite 111
phoenix arizona 85020
Phone 602.285.9200
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LOW VOLTAGE LIGHTING LEGEND

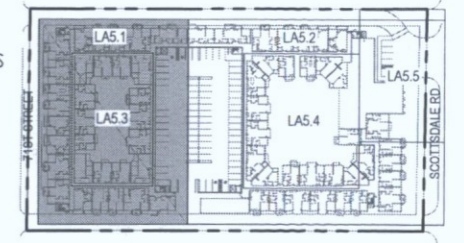
SYMBOL	DESCRIPTION	QTY
DIRECTIONAL UPLIGHT		
A	FX LUMINAIRE, LED BBQ FIXTURE BQ-ZD-1LED-WM-SS	7
WELL LIGHTS		
B	FX LUMINAIRE, LED WELL LIGHT FIXTURE KG-ZD-6LED-BZ	15
ENHANCED AREA LIGHTS/PATH LIGHTS		
C	FX LUMINAIRE, LED PATH LIGHT FIXTURE HC-ZD-3LED-WM-BZ	2
D	FX LUMINAIRE, LED LEDGE LIGHT LF-ZD-1LED-BZ	8
E	FX LUMINAIRE, LED PATH LIGHT FIXTURE RW-ZD-3LED-BZ	34
DIRECTIONAL LIGHTS		
F	FX LUMINAIRE, LED PATH LIGHT FIXTURE JB-ZD-3LED-WM-BZ	5
G	FX LUMINAIRE, LED DOWN LIGHT FIXTURE NL-ZD-1LED-SB-BZ	10
TRANSFORMERS & HUBS		
T	FX LUMINAIRE LUXOR WIFI LIGHTING SYSTEM	
	LZD300-M 300 WATT METAL ENCLOSURE	1
	LZD100-M 100 WATT METAL ENCLOSURE	1
	FXWIFIMOD WIFI ANTENNA	2
	LAM LIGHT ASSIGNMENT MODULE	2
--- LIGHTING CABLE		

NOT SHOWN WIRE SPLICES TO BE SPEARS DS-400 OR 3M DBRY OR APPROVED EQUAL
NOTE:
1) ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.
2) LOCATE TRANSFORMERS IN POOL EQUIPMENT ROOM - SLEEVE LOW VOLTAGE LIGHTING ACCORDINGLY.
PLEASE CONTACT LOCAL FX REPRESENTATIVE WITH QUESTIONS AND/OR TECHNICAL SUPPORT KRIS KLEIN 480-305-4289

LINE VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
H	PREMIER LIGHTING, WALL SCONCE ITEM# PL-11002	13

NOTE:
REFERENCE LIGHTING PLAN FOR LOCATION AND PHOTOMETRICS OF ARCHITECTURAL LIGHTING



Key Map Not To Scale


andersonbaron
 plan · design · achieve
 50 n. mcclintock drive, ste 1
 chandler, arizona 85226
 ph. 480.699.7956 f. 480.699.7986

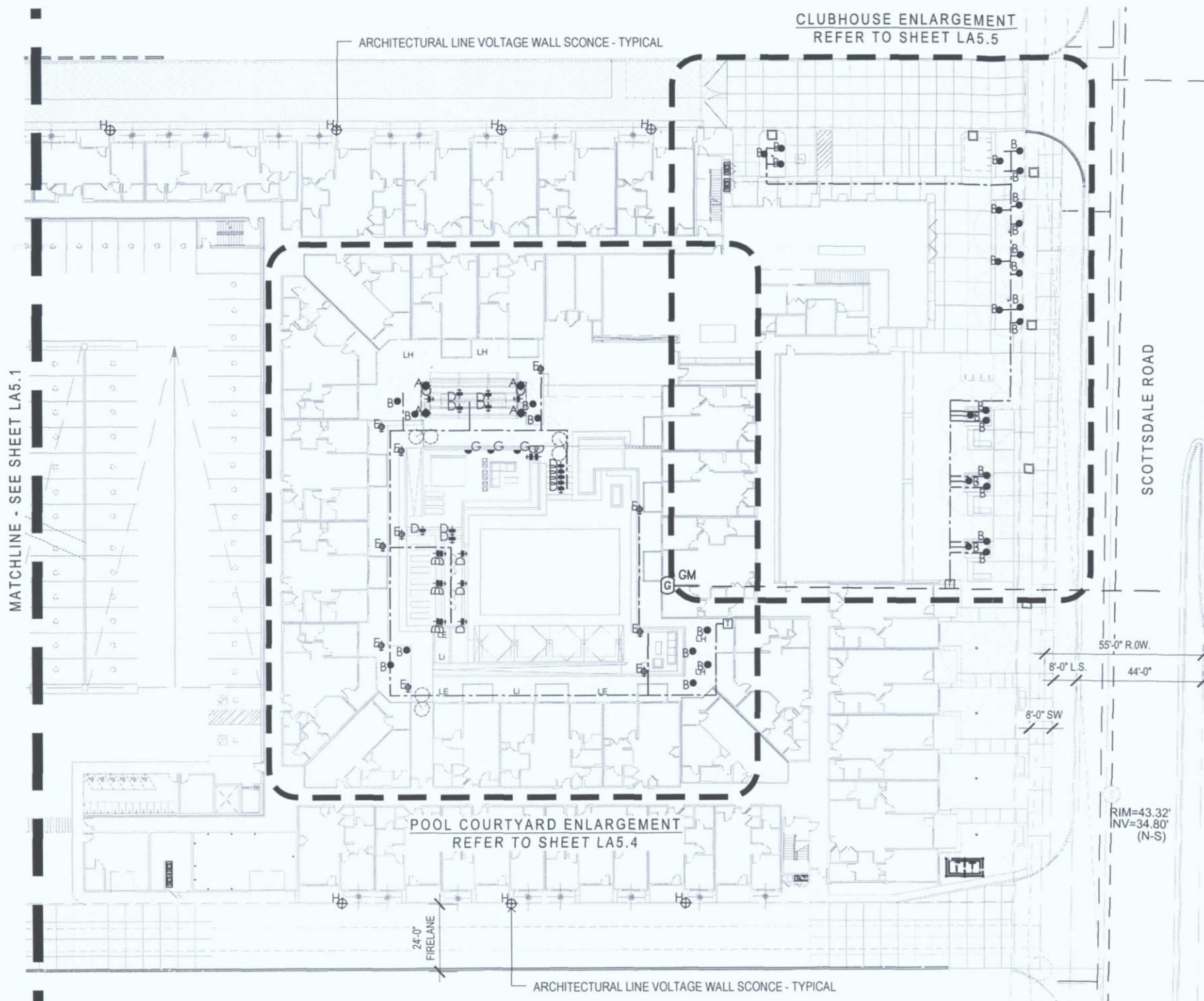
ALTA OSBORN WOOD PARTNERS

LANDSCAPE LIGHTING PLAN - LA5.1

42-DR-2016
10/19/16



biltform architecture
 group, LLC.
 11460 north cave creek road · suite 11
 phoenix · arizona 85020
 Phone 602.285.8200
 www.biltform.com



LOW VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
DIRECTIONAL UPLIGHT		
A	FX LUMINAIRE, LED BBQ FIXTURE BQ-ZD-1LED-WM-SS	7
WELL LIGHTS		
B	FX LUMINAIRE, LED WELL LIGHT FIXTURE KG-ZD-6LED-BZ	15
ENHANCED AREA LIGHTS/PATH LIGHTS		
C	FX LUMINAIRE, LED PATH LIGHT FIXTURE HC-ZD-3LED-WM-BZ	2
D	FX LUMINAIRE, LED LEDGE LIGHT LF-ZD-1LED-BZ	8
E	FX LUMINAIRE, LED PATH LIGHT FIXTURE RW-ZD-3LED-BZ	34
DIRECTIONAL LIGHTS		
F	FX LUMINAIRE, LED PATH LIGHT FIXTURE JB-ZD-3LED-WM-BZ	5
G	FX LUMINAIRE, LED DOWN LIGHT FIXTURE NL-ZD-1LED-SB-BZ	10
TRANSFORMERS & HUBS		
T	FX LUMINAIRE LUXOR WIFI LIGHTING SYSTEM	
	LZD300-M 300 WATT METAL ENCLOSURE	1
	LZD100-M 100 WATT METAL ENCLOSURE	1
	FXWIFIMOD WIFI ANTENNA	2
	LAM LIGHT ASSIGNMENT MODULE	2

--- LIGHTING CABLE

NOT SHOWN WIRE SPLICES TO BE SPEARS DS-400 OR 3M DBRY OR APPROVED EQUAL

NOTE:

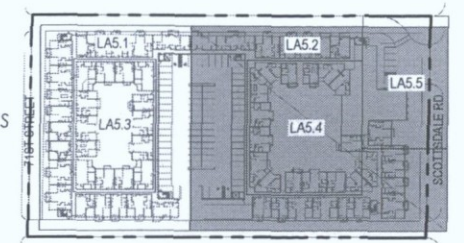
- 1) ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.
- 2) LOCATE TRANSFORMERS IN POOL EQUIPMENT ROOM - SLEEVE LOW VOLTAGE LIGHTING ACCORDINGLY.

PLEASE CONTACT LOCAL FX REPRESENTATIVE WITH QUESTIONS AND/OR TECHNICAL SUPPORT KRIS KLEIN 480-305-4289

LINE VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
H	PREMIER LIGHTING, WALL SCONCE ITEM# PL-11002	13

NOTE:
REFERENCE LIGHTING PLAN FOR LOCATION AND PHOTOMETRICS OF ARCHITECTURAL LIGHTING



Key Map Not To Scale

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 ph. 480.699.7956 f.480.699.7986

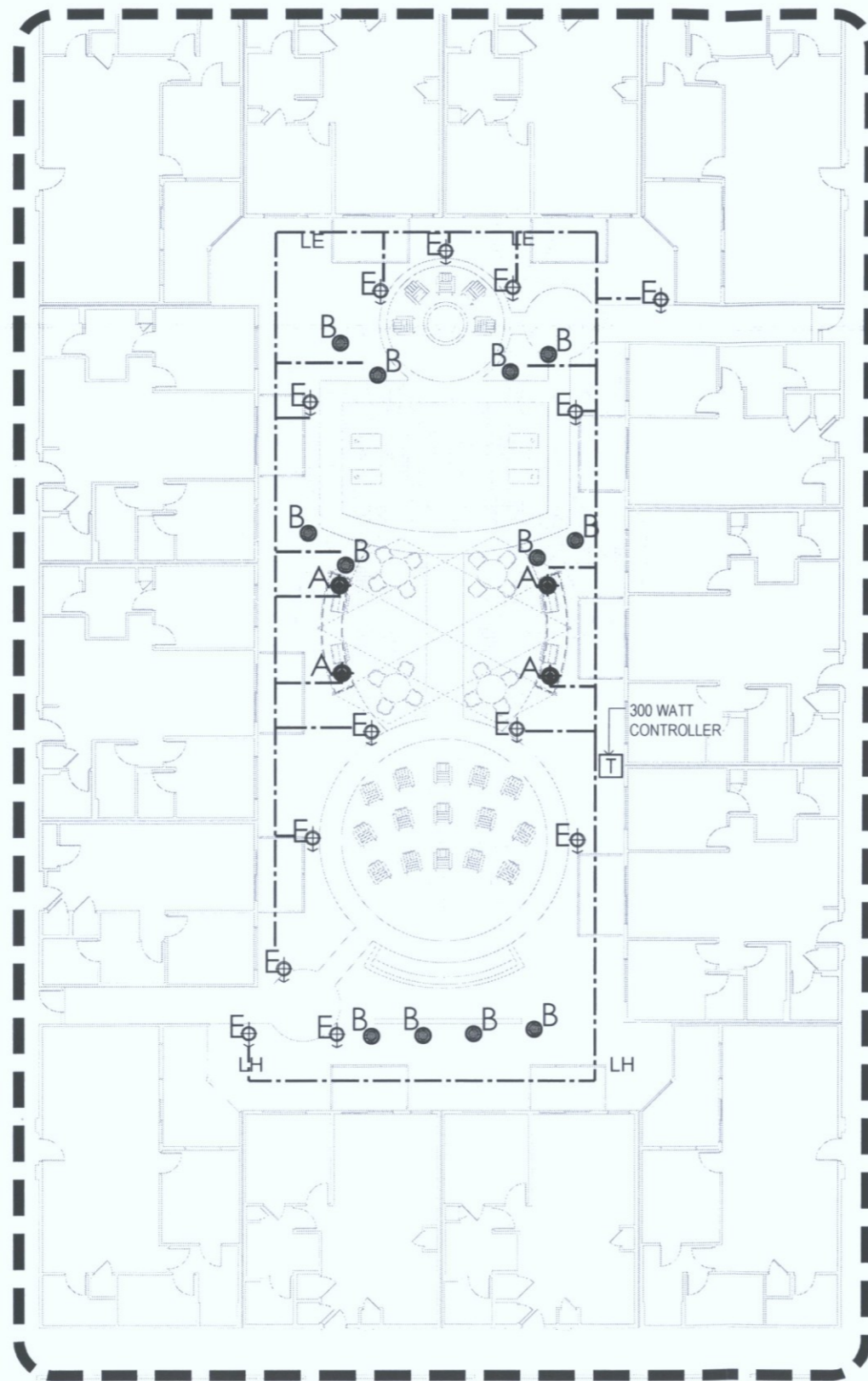


biltform architecture
 group, LLC.
 11460 north cave creek road suite 111
 phoenix, arizona 85020
 Phone 602.285.9200
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ALTA OSBORN WOOD PARTNERS

LANDSCAPE LIGHTING PLAN - LA5.2

42-DR-2016
10/19/16



COURTYARD ENLARGEMENT

LOW VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
DIRECTIONAL UPLIGHT		
A	FX LUMINAIRE, LED BBQ FIXTURE BQ-ZD-1LED-WM-SS	7
WELL LIGHTS		
B	FX LUMINAIRE, LED WELL LIGHT FIXTURE KG-ZD-6LED-BZ	15
ENHANCED AREA LIGHTS/PATH LIGHTS		
C	FX LUMINAIRE, LED PATH LIGHT FIXTURE HC-ZD-3LED-WM-BZ	2
D	FX LUMINAIRE, LED LEDGE LIGHT LF-ZD-1LED-BZ	8
E	FX LUMINAIRE, LED PATH LIGHT FIXTURE RW-ZD-3LED-BZ	34
DIRECTIONAL LIGHTS		
F	FX LUMINAIRE, LED PATH LIGHT FIXTURE JB-ZD-3LED-WM-BZ	5
G	FX LUMINAIRE, LED DOWN LIGHT FIXTURE NL-ZD-1LED-SB-BZ	10
TRANSFORMERS & HUBS		
T	FX LUMINAIRE LUXOR WIFI LIGHTING SYSTEM	
	LZD300-M 300 WATT METAL ENCLOSURE	1
	LZD100-M 100 WATT METAL ENCLOSURE	1
	FXWIFIMOD WIFI ANTENNA	2
	LAM LIGHT ASSIGNMENT MODULE	2

LIGHTING CABLE

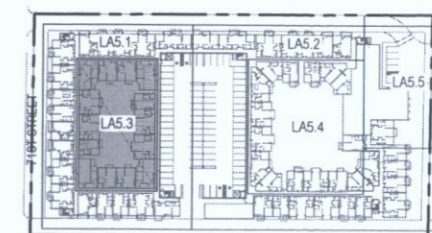
NOT SHOWN

WIRE SPLICES TO BE SPEARS DS-400 OR 3M DBRY OR APPROVED EQUAL
NOTE:
1) ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.
2) LOCATE TRANSFORMERS IN POOL EQUIPMENT ROOM - SLEEVE LOW VOLTAGE LIGHTING ACCORDINGLY.
PLEASE CONTACT LOCAL FX REPRESENTATIVE WITH QUESTIONS AND/OR TECHNICAL SUPPORT KRIS KLEIN 480-305-4289

LINE VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
H	PREMIER LIGHTING, WALL SCONCE ITEM# PL-11002	13

NOTE:
REFERENCE LIGHTING PLAN FOR LOCATION AND PHOTOMETRICS OF ARCHITECTURAL LIGHTING



Key Map

Not To Scale
10' 20' 30'

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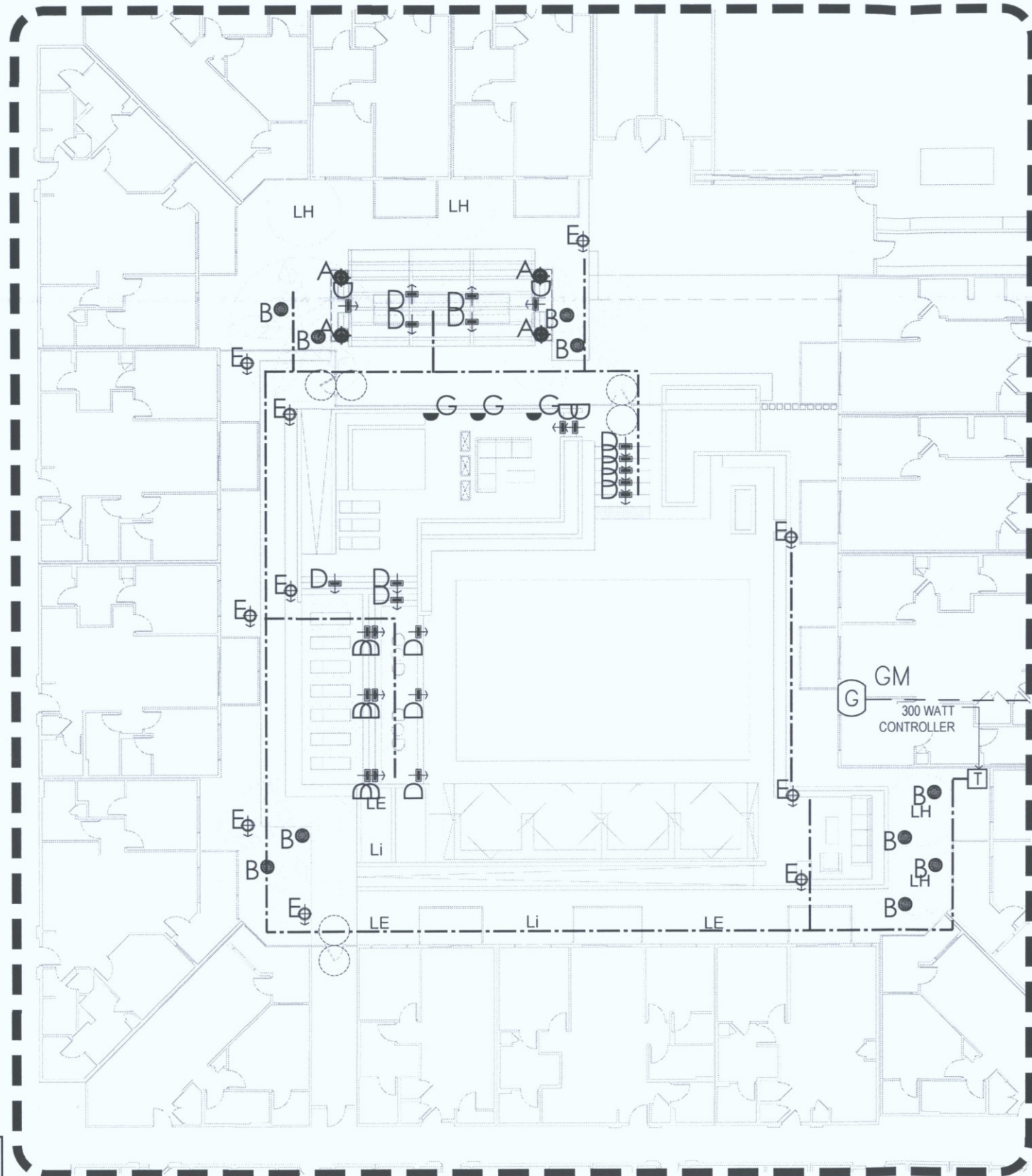
LANDSCAPE LIGHTING PLAN
2ND COURTYARD ENLARGMENT - LA5.3

42-DR-2016
10/19/16

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POOL COURTYARD ENLARGEMENT

LOW VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
DIRECTIONAL UPLIGHT		
A	FX LUMINAIRE, LED BBQ FIXTURE BQ-ZD-1LED-WM-SS	7
WELL LIGHTS		
B	FX LUMINAIRE, LED WELL LIGHT FIXTURE KG-ZD-6LED-BZ	15
ENHANCED AREA LIGHTS/PATH LIGHTS		
C	FX LUMINAIRE, LED PATH LIGHT FIXTURE HC-ZD-3LED-WM-BZ	2
D	FX LUMINAIRE, LED LEDGE LIGHT LF-ZD-1LED-BZ	8
E	FX LUMINAIRE, LED PATH LIGHT FIXTURE RW-ZD-3LED-BZ	34
DIRECTIONAL LIGHTS		
F	FX LUMINAIRE, LED PATH LIGHT FIXTURE JB-ZD-3LED-WM-BZ	5
G	FX LUMINAIRE, LED DOWN LIGHT FIXTURE NL-ZD-1LED-SB-BZ	10
TRANSFORMERS & HUBS		
T	FX LUMINAIRE LUXOR WIFI LIGHTING SYSTEM	
	LZD300-M 300 WATT METAL ENCLOSURE	1
	LZD100-M 100 WATT METAL ENCLOSURE	1
	FXWIFIMOD WIFI ANTENNA	2
	LAM LIGHT ASSIGNMENT MODULE	2

--- LIGHTING CABLE

NOT SHOWN WIRE SPLICES TO BE SPEARS DS-400 OR 3M DBRY OR APPROVED EQUAL

NOTE:

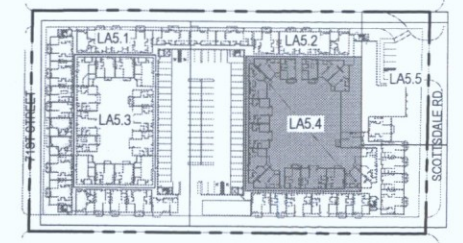
- 1) ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.
- 2) LOCATE TRANSFORMERS IN POOL EQUIPMENT ROOM - SLEEVE LOW VOLTAGE LIGHTING ACCORDINGLY.

PLEASE CONTACT LOCAL FX REPRESENTATIVE WITH QUESTIONS AND/OR TECHNICAL SUPPORT KRIS KLEIN 480-305-4289

LINE VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
H	PREMIER LIGHTING, WALL SCNCE ITEM# PL-11002	13

NOTE:
REFERENCE LIGHTING PLAN FOR LOCATION AND PHOTOMETRICS OF ARCHITECTURAL LIGHTING



Key Map Not To Scale

1" = 10' 20' 30'

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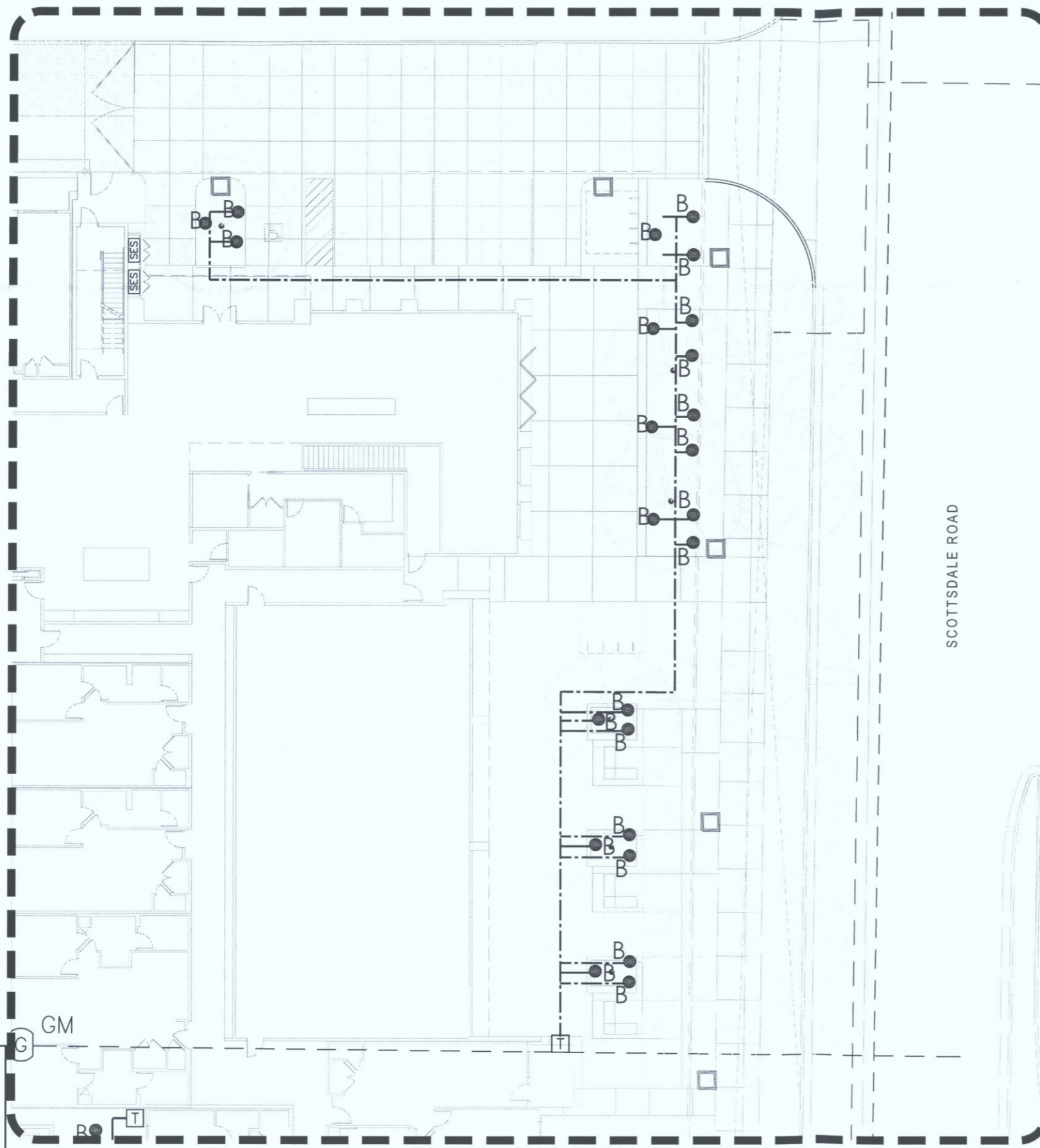
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ALTA OSBORN WOOD PARTNERS

LANDSCAPE LIGHTING PLAN
POOL COURTYARD ENLARGMENT - LA5.4

42-DR-2016
10/19/16

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LOW VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
DIRECTIONAL UPLIGHT		
A	FX LUMINAIRE, LED BBQ FIXTURE BQ-ZD-1LED-WM-SS	7
WELL LIGHTS		
B	FX LUMINAIRE, LED WELL LIGHT FIXTURE KG-ZD-6LED-BZ	15
ENHANCED AREA LIGHTS/PATH LIGHTS		
C	FX LUMINAIRE, LED PATH LIGHT FIXTURE HC-ZD-3LED-WM-BZ	2
D	FX LUMINAIRE, LED LEDGE LIGHT LF-ZD-1LED-BZ	8
E	FX LUMINAIRE, LED PATH LIGHT FIXTURE RW-ZD-3LED-BZ	34
DIRECTIONAL LIGHTS		
F	FX LUMINAIRE, LED PATH LIGHT FIXTURE JB-ZD-3LED-WM-BZ	5
G	FX LUMINAIRE, LED DOWN LIGHT FIXTURE NL-ZD-1LED-SB-BZ	10
TRANSFORMERS & HUBS		
T	FX LUMINAIRE LUXOR WIFI LIGHTING SYSTEM	1
	LZD300-M 300 WATT METAL ENCLOSURE	1
	LZD100-M 100 WATT METAL ENCLOSURE	2
	FXWIFIMOD WIFI ANTENNA	2
	LAM LIGHT ASSIGNMENT MODULE	2

--- LIGHTING CABLE

NOT SHOWN WIRE SPLICES TO BE SPEARS DS-400 OR 3M DBRY OR APPROVED EQUAL

NOTE:

- 1) ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.
- 2) LOCATE TRANSFORMERS IN POOL EQUIPMENT ROOM - SLEEVE LOW VOLTAGE LIGHTING ACCORDINGLY.

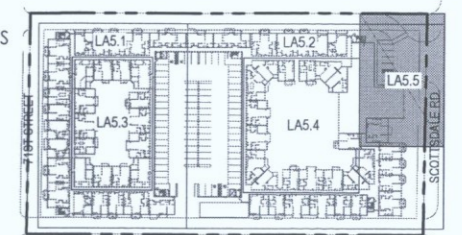
PLEASE CONTACT LOCAL FX REPRESENTATIVE WITH QUESTIONS AND/OR TECHNICAL SUPPORT KRIS KLEIN 480-305-4289

LINE VOLTAGE LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
H	PREMIER LIGHTING, WALL SCONCE ITEM# PL-11002	13

NOTE:

REFERENCE LIGHTING PLAN FOR LOCATION AND PHOTOMETRICS OF ARCHITECTURAL LIGHTING



Key Map Not To Scale


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LANDSCAPE LIGHTING PLAN
CLUBHOUSE ENLARGMENT - LA5.5

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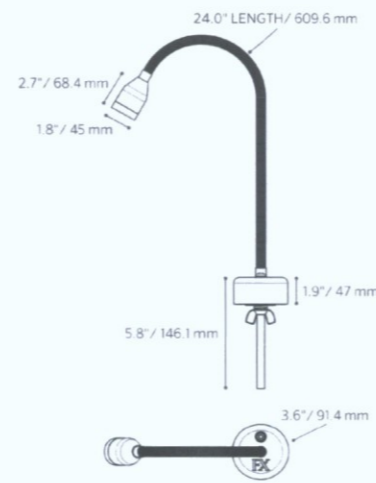
42-DR-2016
10/19/16



The BQ 1LED stainless steel light illuminates grilling areas. It is designed to work with the Luxor® system, or it can be operated independently with an optional plug-in transformer.

BQ: Barbeque Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	42
MAX LUMENS:	81.5
CRI (Ra)	82



Learn more about FX Luminaire specialty lights. Visit: fxl.com/products



BQ: Barbeque Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	BQ
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	FINISH	SS

METALS

SS = Stainless Steel

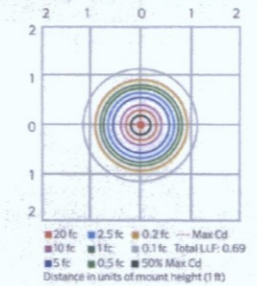
EXAMPLE: BQ-ZD-1LED-SS = BQ - ZD Option - 1LED Board - Stainless Steel

FIELD INSTALLED OPTIONS:

PART NUMBER	DESCRIPTION
MT12W	MINI TRANSFORMER, 12W

PHOTOMETRICS:

BQ 1LED ISOFOOTCANDLE PLOT



The BQ includes a 1 LED board, mounting hardware for countertop, and a 2 ft lead.

Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum. It is calculated using LM-79 method for SSL Luminaires.

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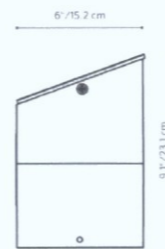
Low Voltage Light Fixture - "A"
BQ-ZD-1LED-WM-SS



Designed to covertly shine in any landscape, the KG is a metal-topped subterranean LED fixture that offers a flat top in a variety of color options. Inside is an LED module that allows for aiming the light to perfect the look on any feature or structure through time and growth.

KG: Well Light

NUMBER OF LEDs:	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	4.5	13.5	13.5
WATTS USED:	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	30.4	22.9	27.2
MAX LUMENS:	127	264	320
CRI (Ra)	69.8	66.2	69.1



Learn more about FX Luminaire well lights. Visit: fxl.com

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KG: Well Light

FACTORY INSTALLED OPTIONS: Order 1+2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	KG
2	OPTIONAL ZD ZD	(Refer to the Luxor page in the Lighting Control section)
3	LAMP	3LED, 6LED, 9LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: KG-ZD-3LED-SB = KG - ZD Option - 3LED Board - Sedona Brown Finish

FIELD INSTALLED OPTIONS: Order Individually

Beam Angle Lenses	3LED	6/9LED
LENS OPTIONS		
Diffuser 18" (preassembled)	771300	771500
Flood Lens 30-32" (1 notch)	3LEDFLLENS	9LEDFLLENS
Wide Flood Lens 56-58" (2 notches)	3LEDWFLENS	9LEDWFLENS

METALS

- AB = Antique Bronze* (On Brass)
- AT = Antique Tumbled* (On Brass)
- NP = Nickel Plate*
- BS = Natural Brass
- BZ = Bronze Metals*
- DG = Desert Granite
- WI = Weathered Iron
- VF = Verde Speckle
- SB = Sedona Brown
- FB = Flat Black

The KG includes your choice of LED board, and finish.

All KG well lights come standard with amber, green, blue and frosted lenses.

*May require longer lead time.



FXLuminaire

PHOTOMETRICS:



Beam angle is calculated using I.V. / 79 method for SLL luminaires. Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum.

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Low Voltage Light Fixture - "B"
KG-ZD-6LED-BZ



The HC offers soft, efficient, and safe lighting solutions for pathways of all shapes, sizes, and locations. With a sleek hat design, durable construction, and outstanding efficiency, it is the ideal choice for a wide array of settings.

HC: Path Light

NUMBER OF LEDs:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	19.4
MAX LUMENS:	39
CCT (Ra)	86



Learn more about FX Luminaire path lights. Visit: fxl.com

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HC: Path Light

FACTORY INSTALLED OPTIONS (TOP ASSEMBLY): Order 1 + 2

Step	Description	Code
1	TOP ASSEMBLY	HCLEDTA
2	TOP FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: HCLEDTA-AB = HC Top Assembly - Antique Bronze Finish

FACTORY INSTALLED OPTIONS (RISER ASSEMBLY): Order 1 + 2 (optional) + 3 + 4 + 5

Step	Description	Code
1	RISER TYPE	P
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED (50,000 avg. life hours)
4	RISER HEIGHT	8RA, 12RA, 18RA, 24RA, 36RA (in inches)
5	FINISH	AB*, AT*, CU, NP*, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: P-ZD-1LED-18RA-AB = Riser Type - ZD Option - 1 LED Board - 18" Riser - Antique Bronze Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options

Long Slot Spike (250015840000) 2.5" x 10" **Included**

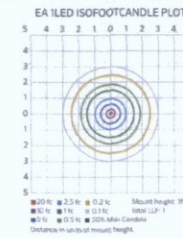
Super Slot Spike (753900) 2" x 10"

Super J-Box (SJ-XX**) 2.5" x 12"

Post Mount (PM-XX**) 2.5" x 13"

EXAMPLE: SJ-BZ = Super J-Box - Bronze Metallic Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSL luminaires.
*Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum.

METALS

- AB = Antique Bronze* (On Copper/Brass)
- AT = Antique Tumbled* (On Copper/Brass)
- CU = Copper
- NP = Nickel-Plate*

POWDER COAT

- WG = White Gloss
- FW = Flat White
- AL = Almond
- BZ = Bronze Metallic
- DG = Desert Granite
- WI = Weathered Iron
- VF = Verde Speckle
- SB = Sedona Brown
- FB = Flat Black

The HC includes a 1LED board, choice of riser size and finish, 3 ft. lead wire and Long Slot Spike.

All HC path lights come standard with amber, green, blue and frosted filters.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

* May require longer lead time
** Denotes finish code



FXLuminaire

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Low Voltage Light Fixture - "C"
HC-ZD-3LED-WM-BZ

FXLuminaire

LANDSCAPE LIGHTING CUT SHEETS #9

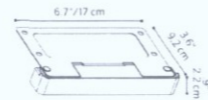
LED Wall Lights



The LF is our LED under-the-cap hardscape wall light. It can easily be fitted between a block wall and capstone for a neat, clean installation. Due to its modular bracket design, the LF can even be installed under railings and existing construction.

LF: Wall Light

NUMBER OF LEDS:	1
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4
WATTS USED:	2.0
LUMENS PER WATT (EFFICACY)	37
MAX LUMENS:	77
CCT (Ra)	81.6



Learn more about FX Luminaire wall lights. Visit: fxl.com

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LANDSCAPE LIGHTING CUT SHEETS #10

ORDERING INFORMATION

LED

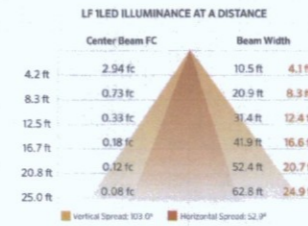
LF: Wall Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

Step	Description	Code
1	FIXTURE	LF
2	OPTIONAL ZD (Refer to the Luxor page in the Lighting Control section)	ZD
3	LAMP	1LED (50,000 avg. life hours)
4	FINISH	AB, AT, CU, BS, SS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: LF-ZD-1LED-SS = LF - ZD Option - 1LED Board - Stainless Steel Finish

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for SSI luminaires.
*Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum.

METALS

- AB = Antique Bronze* (On Copper)
- AB = Antique Bronze* (On Brass)
- AT = Antique Tumbled* (On Copper)
- AT = Antique Tumbled* (On Brass)
- CU = Copper
- BS = Natural Brass
- SS = Stainless Steel

POWDER COAT

- WG = White Gloss
- FW = Flat White
- AL = Almond
- BZ = Bronze Metallic
- DG = Desert Grande
- WI = Weathered Iron
- VF = Verde Speckle
- SB = Sedona Brown
- FB = Flat Black

The LF includes a 1LED board, choice of faceplate finish, 9 ft lead wire.



All LF wall lights come standard with amber, and frosted filters.

* May require longer lead time

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Low Voltage Light Fixture - "D"
LF-ZD-1LED-BZ

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ALTA OSBORN
WOOD PARTNERS

Lighting Cut Sheets 4 of 9

date: 10.12.16
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chandler, arizona 85226
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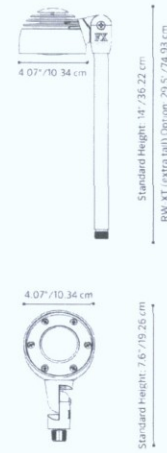
42-DR-2016
10/19/16



Versatile up light or directional path light The clean lines of the RW complement both commercial and residential landscapes. The RW offers adjustable beam spread and soft illumination to wash walls and create a gentle glow. Perfect for subtly accenting architectural elements or textural plant details. Made of die cast aluminum; zoneable with the Luxor controller.

RW: Path/Up Light

NUMBER OF LEADS:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
PATH LIGHT				
LUMENS PER WATT (EFFICACY)	49.92	64.98	51.23	52.79
MAX LUMENS:	99.66	264.66	411.28	583
CRI (Ra)	82.80	83	82.90	82.90
UP LIGHT				
LUMENS PER WATT (EFFICACY)	51.32	64.35	57.28	54.10
MAX LUMENS:	102.02	268.02	459.70	551.50
CRI (Ra)	82.70	83.20	83	82.60



Learn more about FX Luminaire path and up lights. Visit: fxl.com

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RW: Path/Up Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4 (optional) + 5

Step	Description	Code
1	FIXTURE	RW
2	OPTIONAL ZD	ZD (Refer to the Luxor page in the Lighting Control section)
3	LAMP	1LED, 3LED, 6LED & 9LED (50,000 avg. life hours)
4	OPTIONAL RISER HEIGHT	BR, 12R, 18R, 24R, 30R, 36R (in inches)
5	FINISH	WG, FW, AL, BZ, DG, WI, VF, SB, FB, SV

EXAMPLE: RW-ZD-9LED-18R-BZ = RW - ZD Option - 9 LED Board - 18" Riser - Bronze Metallic Finish

FIELD INSTALLED OPTIONS: Order Individually

Mounting Options

Long Slot Spike (250015840000) 2.5" x 10" Included

Super Slot Spike (753900) 2" x 10"

Super J-Box (SJ-XX**) 2.5" x 12"

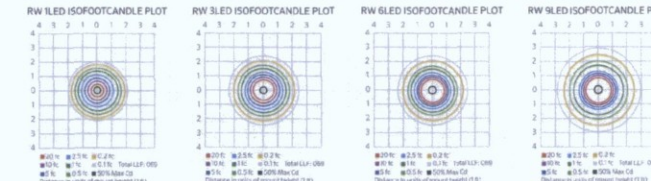
Post Mount (PM-XX**) 2.5" x 13"



EXAMPLE: 753900 = Super Slot Spike

PHOTOMETRICS:

PATH LIGHT



The RW includes your choice of LED boards, choice of finish, 4 ft. lead wire and a Long Slot Spike.

All RW path lights include amber, green, blue and frosted filters.

** Denotes finish code



UP LIGHT



The RW includes your choice of LED board, riser size, finish, 4 ft. lead wire and a Long Slot Spike.

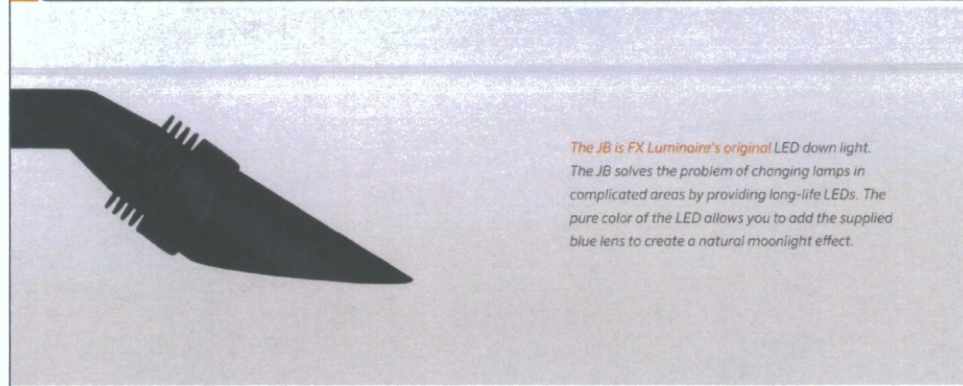
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Low Voltage Light Fixture - "E"
RW-ZD-3LED-BZ

FXLuminaire

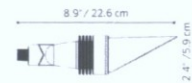
LED Down Lights



The JB is FX Luminaire's original LED down light. The JB solves the problem of changing lamps in complicated areas by providing long-life LEDs. The pure color of the LED allows you to add the supplied blue lens to create a natural moonlight effect.

JB: Down Light

NUMBER OF LEDs:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	23.9	30
MAX LUMENS:	50	127
CCT (Ra)	69.4	66.9



Learn more about FX Luminaire down lights. Visit: fxl.com/products

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ORDERING INFORMATION

LED

JB: Down Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	MOUNTING CODE	FINISH OPTIONS
1 JB	2 1LED (50,000 avg. life hours)	3 WM (Wall mount)	3 XX (see options to right)
	3 3LED (50,000 avg. life hours)		

The JB includes your choice of 1LED or 3LED board and choice of finish and 26 ft. lead wire.

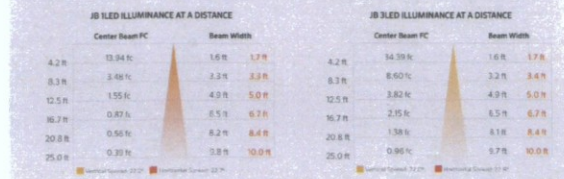
FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS

A TB (Tree Box, X" x X" x X")	TB	MJ-050-XX*	VB-050-XX*
VB-050 (VersaBox, 2.5" x 2")			
MJ-050 (Mini J-Box, 3.5" x 2.125" x 1.32")			

EXAMPLE: JB-3LED-WM-BZ = JB - 3 LEDs - Wall Mount - Bronze Metallic Finish
VB-050 = VersaBox

PHOTOMETRICS:



For information on ZD technology please refer to the Luxor page in the Lighting Control section.

POWDERCOAT

- WG - White Gloss
- FW - Flat White
- AL - Almond
- BZ - Bronze Metallic
- DG - Desert Granite
- WI - Weathered Iron
- VF - Verde Speckle
- SB - Sedona Brown
- FB - Flat Black

All JB down lights come standard with amber, green, blue and frosted filters

** Denotes powdercoat finish

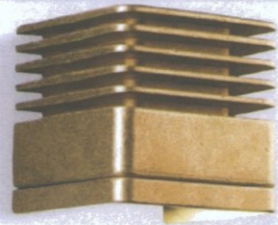
FXLuminaire

Low Voltage Light Fixture - "F"
JB-ZD-3LED-WM-BZ

FXLuminaire

LANDSCAPE LIGHTING CUT SHEETS #13

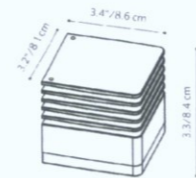
LED Down Lights



The NL represents the next generation of fixed-mount LED down lights. This sidemounting down light is available with a 1, 3, 6 or 9LED board. The NL is available in all of our metal and powder coat finishes and includes a free mounting bracket that allows for tool-free servicing after initial installation.

NL: Down Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	35.8	52.2	43.9	46.9
MAX LUMENS:	66	202	367	398
CRI (Ra)	82.6	80.4	79.7	78.5



Learn more about FX Luminaire down lights. Visit: fxl.com

760.744.5240

LANDSCAPE LIGHTING CUT SHEETS #14

ORDERING INFORMATION

LED

NL: Down Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 (optional) + 3 + 4

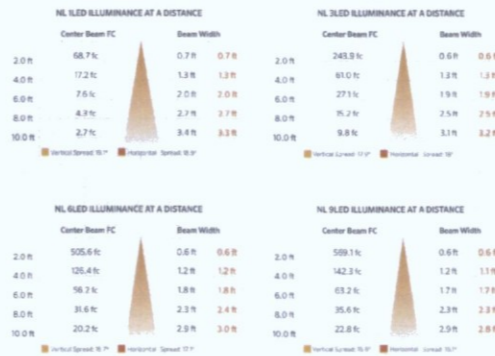
Step	Description	Code
1	FIXTURE	NL
2	OPTIONAL ZD ZD (Refer to the Luxor page in the Lighting Control section)	
3	LAMP	1LED, 3LED, 6LED, 9LED (50,000 avg. life hours)
4	FINISH	AB*, AT*, CU, NP*, BS, WG, FW, AL, BZ, DG, WI, VF, SB, FB

EXAMPLE: NL-ZD-3LED-FB = NL - ZD Option - 3LED Board - Flat Black Finish

FIELD INSTALLED OPTIONS: Order Individually

Beam Angle Lenses	1LED	3LED	6/9LED
LENS OPTIONS			
Diffuser 18" (preassembled/most fixtures)	770600	771300	771600
Flood Lens 30-32" (1 notch)	1LEDFLLENS	3LEDFLLENS	9LEDFLLENS
Wide Flood Lens 56-58" (2 notches)	1LEDWFLLENS	3LEDWFLLENS	9LEDWFLLENS

PHOTOMETRICS:



Beam angle is calculated using LM-79 method for 5% luminaires.
Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum.



* May require longer lead time.
* Fixture is covered by a copper sleeve.

FXLuminaire

METALS

- CU-AB = Antique Bronze** (On Copper)
- BS-AB = Antique Bronze* (On Brass)
- CU-AT = Antique Tumbled** (On Copper)
- BS-AT = Antique Tumbled* (On Brass)
- CU = Copper*
- NP = Nickel Plate*
- BS = Natural Brass

POWDER COAT

- WG = White Gloss
- FW = Flat White
- AL = Almond
- BZ = Bronze Metallic
- DG = Desert Granite
- WI = Weathered Iron
- VF = Verne Speckle
- SB = Sedona Brown
- FB = Flat Black

The NL includes your choice of LED boards, choice of finish, 9 ft. lead wire and mounting bracket.

All NL down lights come standard with amber, green, blue and frosted filters.

Low Voltage Light Fixture - "G"
NL-ZD-1LED-SB-BZ

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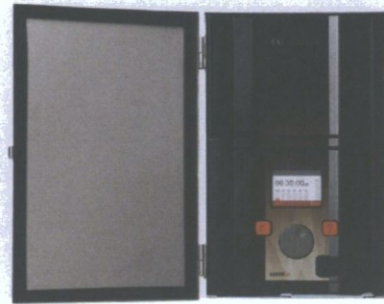
billform architecture group, LLC
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phoenix arizona 85020
Phone 602.285.9200
www.billform.com

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Lighting Cut Sheets 7 of 9

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chandler, arizona 85226
ph. 480.699.7956 t.480.699.7986

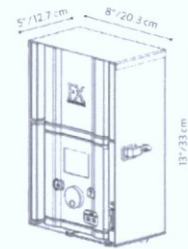
42-DR-2016
10/19/16



With Luxor controlling an LED landscape lighting system, lights don't simply turn on and off. They come alive. Luxor offers both zoning and dimming capabilities that provide virtually limitless design possibilities.

LUXOR: Lighting Controller

MODELS:	150 or 300 Watt
FINISHES:	Stainless Steel or Matte Gray Powder Coat
DEPTH:	5" / 12.7 cm
WIDTH:	8" / 20.3 cm
HEIGHT:	13" / 33 cm



Learn more about FX Luminaire Lighting Controllers. Visit: fxl.com

760.744.5240



LUXOR: Lighting Controller

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

Step	Description	Code
1	TRANSFORMER	LZD
2	SIZE	150, 300
3	FINISH	SS, M

EXAMPLE: LZD-150-M = Luxor Transformer -150W - Matte Gray Finish

FIELD INSTALLED OPTIONS: Order individually

Description	Code
Wi-Fi module add-on with antenna	FXWIFMOD
Light Assignment Module for iOS & Android	LAM
Luxor Faceplate Mount	LUXORFPMNT

EXAMPLE: LAM = Light Assignment Module

FEATURES:

- Up to 250 independently adjustable lighting groups can be created
- Compatible with FX LED ZD lights only
- All groups can be turned on independently and dimmed from 1-100%
- Utilizes FX Luxor Communication Technology to connect lights to the controller
- User interface includes a full color LCD display for easy setup, maintenance and adjusting of groups
- Uses event based scheduling, which allows a single group of lights to change dimming percentages throughout the night
- Fully removable facepack, uses a RJ-11 cable that is extendable up to 1000'
- Simple two-wire configuration for easy installation and adjusting
- Fixture addressing takes place on the front of the facepack for easy access
- No matter where a light is within a system, it can communicate with the transformer to receive its schedule, intensity, and group
- Astronomical Timing Function with Map Placement
- Available in 150 & 300 Watts
- Stainless Steel or Matte Gray powder coated cabinet finishes

METALS

SS = Stainless Steel

POWDER COAT

M = Paintable Matte Gray

The Luxor is available in 150 or 300 watt options, choice of stainless steel or matte gray powder coat and a 3' power cord.

WI-FI-OPTIONS



Smartphone with Luxor Wi-Fi App to wirelessly adjust lighting at any time

Smartphone with Light Assignment Module (LAM) which wirelessly assigns fixtures to groups using Activision® technology

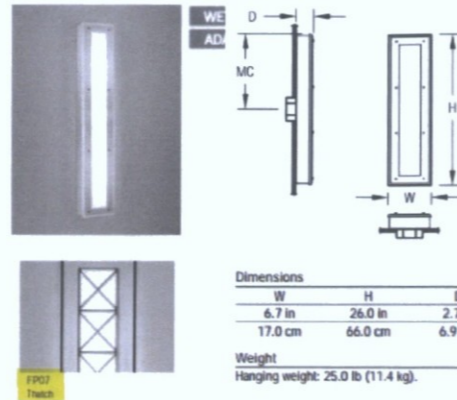


FXLuminaire

Low Voltage Light Transformer
LZD300-M With WIFI Antenna



Item # **PL-11002**



Dimensions			
W	H	D	MC
6.7 in	26.0 in	2.7 in	13.0 in
17.0 cm	66.0 cm	6.9 cm	33.0 cm

Weight
Hanging weight: 25.0 lb (11.4 kg).

Item#	Lamp	Voltage	Kelvin	Options	Finish		
PL-11002	F24WT5SHO	120v	3000k	DML2	BN	Brushed Nickel	
	MINI BI-PIN		3700k	EMG			
			4500k	FPO7			

Item #	PL-11002	24W T5SHO	120v	3700K		BN	
		Lamp	Voltage	Kelvin	Options	Finish	
Specified by							
Job Name	ALTA CHANDLER						
Fixture Type	BA						

Premier Lighting 2050 S. 16th Street, Suite #111, Phoenix AZ 85034
PH:(866)907-2669 EMAIL: info@shoppremier.com WEB: www.shoppremier.com

Line Voltage Wall Sconce
Premier Lighting - PL-11002



biltform architecture group, LLC.
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phoenix arizona 85020
Phone: 602.285.6200
www.biltform.com

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Lighting Cut Sheets 9 of 9

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42-DR-2016
10/19/16



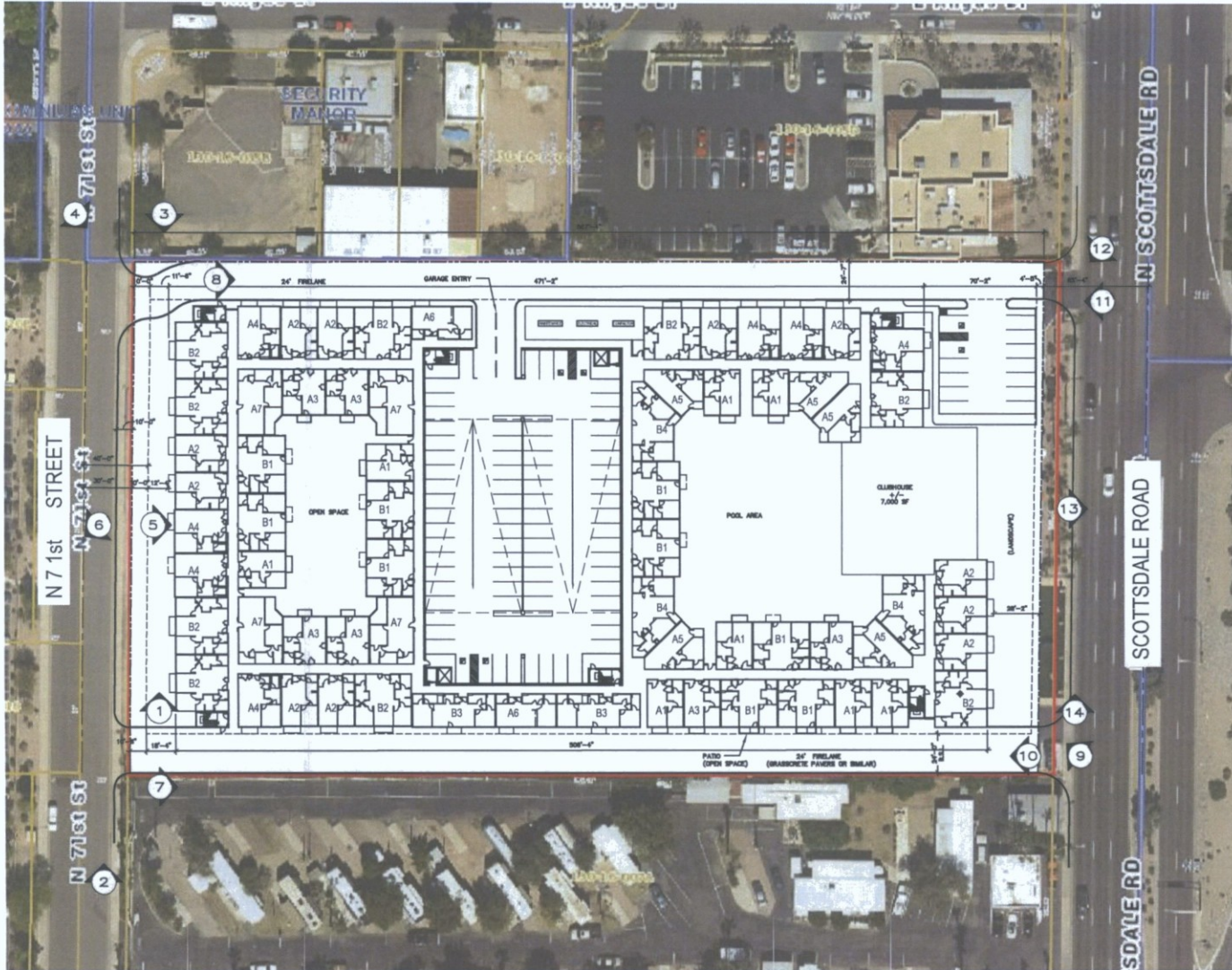
EXISTING CONDITIONS PHOTO EXHIBIT

ALTA OSBORN

Scottsdale, Arizona

Architects Project No: 15-054

April 4, 2016



PROJECT DATA

OVERALL SITE DATA: 0.41 NET ACRES

SITE AREA: 0.41 NET ACRES

ZONING: PROPOSED: D/DMU TYPE 2 PUD DD

APR. REF.: 130-18-008A

PROPOSED USE: MULTIFAMILY

MAXIMUM DENSITY ALLOWED: 80 DU/AC

ADDITIONAL DENSITY AVAILABLE *WITH PRE BORUS:

PROPOSED DENSITY: 87.5 DU/NET AC

MAXIMUM BUILDING HEIGHT: 4F-0"

UNIT MIX:

UNIT TYPE	MIN. AREA	UNITS	SQ. FT.
UNIT A1	1 BR/1 BA	68	31,388 S.F.
UNIT A3	1 BR/2 BA	46	26,700 S.F.
UNIT A5	1 BR/2 BATH	81	46,238 S.F.
UNIT A7	1 BR/3 BA	34	18,608 S.F.
UNIT B1	1 BR/2 BA	78	45,700 S.F.
UNIT B2	1 BR/2 BA	84	47,768 S.F.
UNIT B4	2 BR/2 BA	14	13,618 S.F.
UNIT B1	2 BR/2 BA	1,072 S.F.	27
UNIT B2	2 BR/2 BA	1,174 S.F.	25
UNIT B3	2 BR/2 BATH	1,086 S.F.	9
UNIT B4	2 BR/2 BA	1,171 S.F.	12
UNIT C1 LOFT	2 BR/2 BA	1,038 S.F.	6
UNIT C2 LOFT	2 BR/2 BA	1,180 S.F.	7
TOTAL		277 S.U.	384,644 S.F.

PARKING: 381 P.S.

REQUIRE: 12 P.S.

PROVIDED: 418 P.S.

TOTAL PROVIDED: 1.28 P.S. PER UNIT = 422 P.S.



biliform architecture group, LLC.
11402 North Green Cross Road, Suite 11
Phoenix, Arizona 85022
Phone: 602.283.5307 Fax: 602.283.5329

PRELIMINARY
NOT FOR
CONSTRUCTION

EXPRES 9/30/16

ALTA OSBORN
Apartment Homes
SCOTTSDALE ROAD AND LORNWATER BOULEVARD SCOTTSDALE, ARIZONA

WOOD PARTNERS
8777 E. Via De Ventura, Suite 201, Scottsdale, AZ, 85268
PHONE: 480-607-0262

REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

JOB NO: 1605
DATE: APRIL 1, 2016
SCALE: 1" = 30'-0"
SHEET NO:

A1.1

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1. 71st St -Southwest Corner on Inside of site facing North



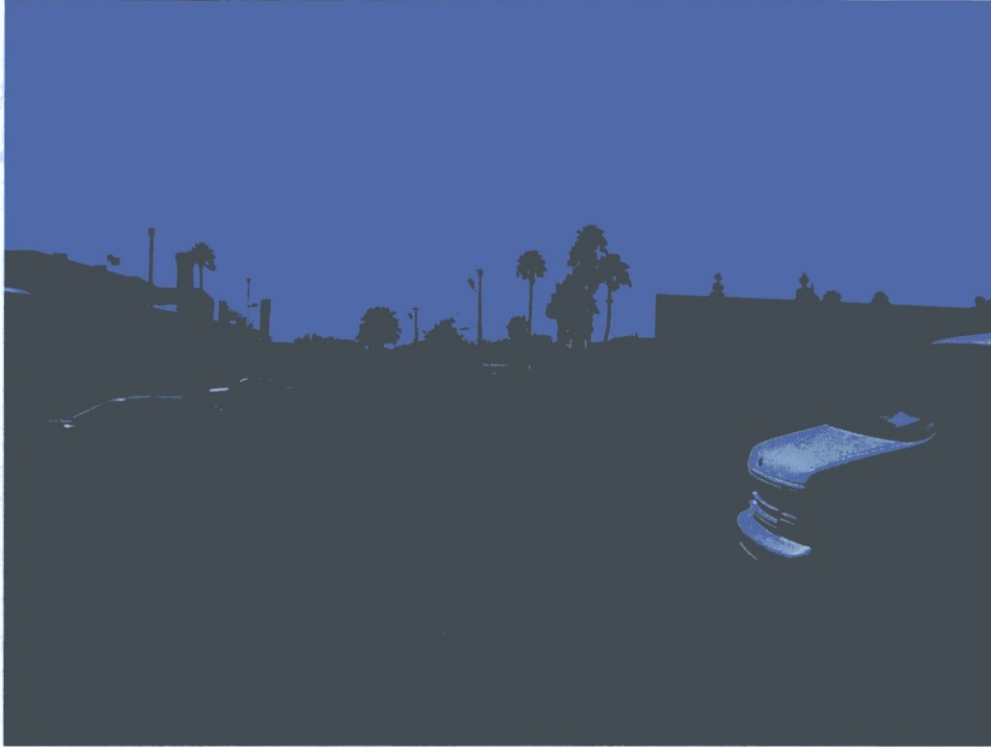
2. 71st St - Southwest Corner on Outside of site facing North



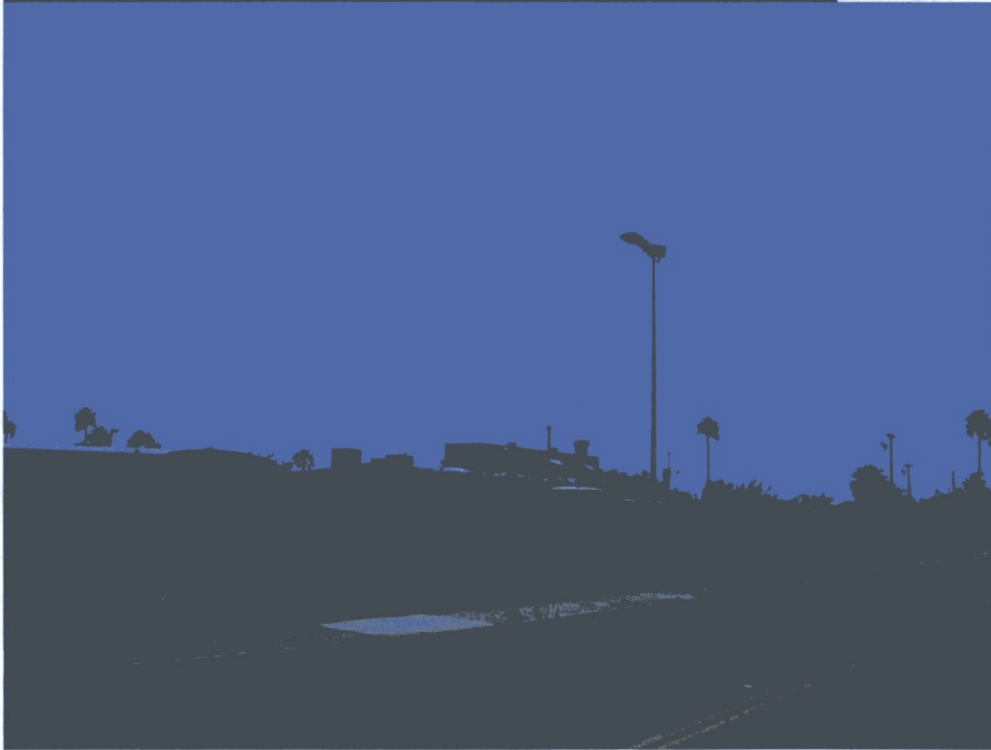
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3. 71st St - Northwest Corner on Inside of site facing South



4. 71st St - Northwest Corner on Outside of site facing South



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5. 71st St - Midpoint Facing Toward Site



6. 71st St - Midpoint Facing Away from Site



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7. 71st St - Southwest Facing East toward Scottsdale Rd



8. 71st St - Southeast Facing East toward Scottsdale Rd



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9. Scottsdale Rd -Southeast Corner facing NorthToward Site



10. Scottsdale Rd –Southeast Corner facing West toward 71st Street



11. Scottsdale Rd –Northeast Corner facing West toward 71st Street



12. Scottsdale Rd –Northeast Corner facing West toward Center of Site





13. Scottsdale Rd –Midpoint facing away from Site



14. Scottsdale Rd –Existing Address of Site

