



**II.A.**

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690 Chesterfield Pkwy W • Chesterfield MO 63017-0760  
Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

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December 11, 2009

Architectural Review Board  
City of Chesterfield  
690 Chesterfield Parkway West  
Chesterfield, Missouri 63017

Re: **Wings Corporate Estates, Lot 19:** Site Development Section Plan Architectural Elevations, Landscape Plan, Lighting Plan and Architect's Statement of Design for a 1.4 acre tract of land zoned PI Planned Industrial District, located at the north side of Paul Haglin Drive, east of its intersection with Eatherton Road.

Dear Board Members:

David W. Dial Architects, P.C., on behalf of D.F. Adams and Associates, Inc., has submitted a Site Development Section Plan, Architectural Elevations, Landscape Plan, Lighting Plan and Architect's Statement of Design for the above-referenced project. The Department of Planning and Public Works has reviewed this request and submits the following report.

### **Submittal Information**

The request is for a 17,000 square foot office/warehouse building, to be located on Lot 19 of Wings Corporate Estates. The exterior building materials are proposed to be concrete masonry, brick veneer, tinted glass and architectural shingles. Please see the attached checklist to review the project's compliance with the City of Chesterfield's Design Guidelines.

### **Departmental Input**

The submittal was reviewed for compliance with the City of Chesterfield's Design Guidelines. In addition the plan is being reviewed for compliance with City of Chesterfield Ordinance , which governs the site. Landscape and lighting are being addressed through site plan review for adherence to the City of Chesterfield Tree Preservation and Landscape Requirements and the Lighting Ordinance.

**Actions Requested**

The Department of Planning and Public Works requests action by the Architectural Review Board on the information presented.

Respectfully Submitted,

*Annissa McCaskill-Clay*

Annissa McCaskill-Clay, AICP  
Lead Senior Planner

Attachments

1. ARB Design Review Checklist
2. Architectural Review Packet Submittal

**ARCHITECTURAL REVIEW BOARD**

**Project Name: Wings Corporate Estates**

Lot 19

**Guidelines Review Checklist**

**Date of Review: December 11, 2009**

<b>Guideline Description</b>	<b>Addressed as Written</b>	<b>Addressed with Modification (1)</b>	<b>Comments and Reference (2)</b>
<b>Applicability and Compliance</b>			
<b>General Requirements for Site Design</b>			
A. Site Relationships	X		
B. Circulation System and Access	X		
C. Topography	X		
D. Retaining Walls	NA		No retaining walls will be necessary.
<b>General Requirements for Building Design</b>			
A. Scale	X		
B. Design	X		
C. Materials and Color	X		
D. Landscape Design and Screening	X		
E. Signage	x		This has not been supplied. Architects provides that the owner will provide complaint signage at later date.
F. Lighting	X		Lighting was previously approved by Planning Commission on August 27, 2009.
<b>Use Type:</b>			
Access	X		
Exterior Elements	X		
Landscaping and Screening	X		
Scale	X		
Site Design	X		

Notes:

(1) A check in this column refers to the item being addressed in the submission, but with potential variation from the guidelines that review by the Board is specifically requested.

(2) *Comments* provide additional information regarding the status of specific design guidelines.

Form revised: February 2009

*Lot-19 Wings Corporate Estates*

*18321 Paul Haglin Drive  
Chesterfield, Missouri*

*December 11, 2009*



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Owner:  
**D.F. Adams & Associates, Inc.**

Architect:  
**David W. Dial Architects, P.C.**

General Contractor:  
**Keystone Construction Company**

Civil Engineer:  
**Civil Engineering Design  
Consultants, Inc.**

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(Material samples will be brought to the ARB Meeting for display)



**ARCHITECTURAL REVIEW BOARD  
Project Statistics and Checklist**

Date of First Comment Letter Received from the City of Chesterfield \_\_\_\_\_

Project Title: Lot-19 Wings Corporate Estates Location: 18321 Paul Haglin Drive

Developer: D.F. Adams & Assoc. Architect: David W. Dial Architects Engineer: Civil Eng. Design Consultants

**PROJECT STATISTICS:**

Size of site (in acres): 1.438 AC Total Square Footage: 17,000 S.F. Building Height: +/- 30'

Proposed Usage: Office / Warehouse

Exterior Building Materials: Brick / Concrete Masonry Units

Roof Material & Design: Gable / Asphalt Shingle

Screening Material & Design: CMU to match building

Description of art or architecturally significant features (if any): See Architects Statement

**ADDITIONAL PROJECT INFORMATION:**

**Checklist:** Items to be provided in an 11" x 17" format

- Color Site Plan with contours, site location map, and identification of adjacent uses.
- Color elevations for all building faces.
- Color rendering or model reflecting proposed topography.
- Photos reflecting all views of adjacent uses and sites.
- Details of screening, retaining walls, etc.
- Section plans highlighting any building off-sets, etc. (as applicable)
- Architect's Statement of Design which clearly identifies how each section in the Guidelines has been addressed and the intent of the project.
- Landscape Plan.
- Lighting cut sheets for any proposed building lighting fixtures. (as applicable)
- Large exterior material samples. (to be brought to the ARB meeting)
- Any other exhibits which would aid understanding of the design proposal. (as applicable)
- Pdf files of each document required.

December 11, 2009

City of Chesterfield  
Department of Planning  
690 Chesterfield Parkway West  
Chesterfield, Missouri 63017-0760

Members of the Architectural Review Board

Re: Submittal for Approval of Proposed Office Warehouse in Wings Corporate Estates  
18321 Paul Haglin Drive  
Chesterfield, MO 63005

The Architectural Statement below addresses the City of Chesterfields 'Architectural Review Board Guidelines'. Some items in the booklet may be been addressed individually while others are answered in general text. Each item herein is referenced to the same numbered item in the guidelines.

**Reason for Proposed Project**

This project is being undertaken by the Owner to provide an office/warehouse for lease with a better diversity of architecture in Chesterfield Valley.

**1. Applicability and Compliance**

We understand that the terms and provisions of the City of Chesterfield Architectural Review Board Guidelines apply to our project.

**2. Requirements and Procedures**

Items 1 through 12 are incorporated herein.

**3. General Requirements for Site Design**

**a. Site Relationships:**

This project is proposed as a single phase project in an existing business park. Included in this proposal is a single entry drive to be shared by this lot, Lot 19, and Lot 18 to the west.

The building is designed in an "L" shape which not only provides for the entry facing the parking but also helps to shield the dock area from street view. The low pitched roof is intended to create the 'turn of the century' look that the owner desires.

Automobile parking for the building is located to the west of the building directly in front of the main entrance with landscaping between and a 'plaza' at the front entry. The parking lot is not between the street and the building.

**b. Circulation System and Access:**

**Bicycle Circulation:**

Being a business park, there will not be a high amount of bicycle traffic. Employees that wish to have a bicycle will have ample opportunity to lock up their bicycle while at work.

**Pedestrian Circulation:**

As mentioned above, automobile parking is to the west of the building directly in front of the entry and the parking is not between the street and the building.

**Vehicular Circulation:**

The site access from Paul Haglin Drive is for both automobile and truck traffic to the building on this lot as well as the adjacent lot to the west. The automobile traffic is mostly separate from the truck.

**Parking:**

As mentioned above, car parking is to the west of the building directly in front of the entry to provide the most direct and safe access to the front entry.

**Pedestrian Orientation:**

The owner does not anticipate any pedestrian traffic at this time in the industrial park.

**c. Topography:**

Buffering and landscape screening opportunities are limited due to the storm-water conveyance channels. However, plantings are being strategically located to be effective while not preventing the function of the conveyance channels. The owner has also installed numerous weeping willow trees within the park as a unifier of the individual lots.

The construction area is generally flat except for drainage. There will be very little change in the topography of the land.

**d. Retaining Walls:**

This building will not require the need for new retaining walls.



**4. General Requirements for Building Design**

**a. Scale:**

**See below for comments on Building Scale, Human Scale, and Generic Scale.**

**b. Design:**

The owner of this facility instructed his architect to create a project with a 'turn of the century' design. It is his wish to provide a better diversity of quality architecture in his development.

The elevations are articulated with change in planes of modular brick in a running bond pattern, 1900's warehouse style windows with rowlock sills in a recessed plane of brick with a corbel head and sloped sill, with the negative space between planes creating the appearance of brick columns. The front elevation also includes a large glass entry with an historic looking canopy. Rhythmically pleasing geometric patterns with accent colors and glass add interest, depth and interesting shadow lines to the elevations.

The canopy helps to bring the scale at the entry to a human scale by reducing the perceived height of the entry. The design is historical in nature and borrows heavily from traditional models of scale and industrial design. The intent here is to create a presence of entrance with a nice human scale.

The end result is a building with very nice facades that incorporate shadow lines, steps in vertical and horizontal planes, color and glass to create a very interesting, quality appearance adding to the original architecture of the park. The large amount of glass at the entry provides additional fenestration into any future tenant spaces.

As seen on the attached rendering, the building is created utilizing earth tone colors, 1900's warehouse style windows with tinted glass. The building is constructed with 4" high concrete masonry units that look like the utility size brick that is used to identify the office area.

Nearby buildings are also constructed of brick veneer and earth tone colors and materials similar to this one.

This building does not utilize roof mounted equipment, all equipment shall be ground mounted and screened by landscaping.

**c. Materials and Colors:**

Materials and colors have been addressed above; however, it remains to be stated that a mixture of glass, brick, block and color along with landscaping will be used to create a new and interesting design that will be unique to this park.

**d. Landscape Design and Screening:**

**Development Landscaping:**

The Wings Corporate Estates is an existing but new industrial development in the flat fields beyond the Spirit of St. Louis Airport an established park covenants for trees and shrubbery; therefore, we are simply following the existing concept.

This plan clusters the plantings to serve specific purposes whether it is screening or accent to gain a more natural appearance and to work harmoniously with the existing landscape.

**Building Landscaping:**

Shrubs are used at the building entry point to provide color and texture for the users of the building. Groupings of Autumn Flame Red Maple, London Plane, Swamp White Oak, Shingle Oak, Northern Red Oak, Winter King Hawthorn, Red Bud and Bald Cypress are placed strategically around the site and along the front of the building to provide some interest.

**Parking Landscaping:**

This is a relatively small industrial use site with a small amount of building parking that is surrounded with various sized tree for screening and shade.

**Walls and Fences:**

There will be no fencing or site walls on this site with the exception of the enclosure around the trash dumpster as described below.

**Screening:**

The strategically placed trash enclosure will utilize the same concrete masonry units used on the building for complete coordination between structures. All utility metering will be on the side or rear of the building.

**e. Signage:**

Signage will be compliant with ordinances and are planned to be provided by the owner under a separate contract from a professional sign company.

**f. Lighting:**

Site lighting is limited to the parking lot and safety lighting around the facility and will not shine off of this site. Care has been taken to minimize spillage of light from our site in consideration of the neighbors.

Decorative wall scones lights will be placed on either side of the main entry. These lights have been carefully selected to accent the turn of the century architecture of the building and add warmth and character to the main entrance. See submitted photometrics plan.

**Commercial and Industrial; Architecture:**  
(Page 8 of 12 in the ARB Guidelines)

All of these items have been addressed above and are not repeated here.

Access: See section 3b above.  
Exterior Elements: See section 4b above.  
Landscaping and Screening: See section 4d above.  
Scale: See section 4b above.  
Site Design: See section 3 above.

**5. Specific Guidelines for the Chesterfield Valley:**

Facades: While all elevations are not the same, elements from each appear on each. Window materials are similar around the building and the brick and block will appear very similar to each other. Accent lighting is being used at the front entry to highlight the building in the evening. The trash enclosure is constructed with the same materials as the building to provide a coordinated look.

Pedestrian Circulation: Minimal pedestrian traffic is expected and has been provided for at the entry to the building.

Storage: No outdoor storage is being utilized on this site and no screen has been provided.

Utilities: All new utilities will be provided underground to the building.

Parking: I-64 is not near this development.

**Miscellaneous**

As required, building materials that will be brought to the ARB meeting will include:

Brick and block color samples,  
Architectural shingles sample,  
Glass samples.

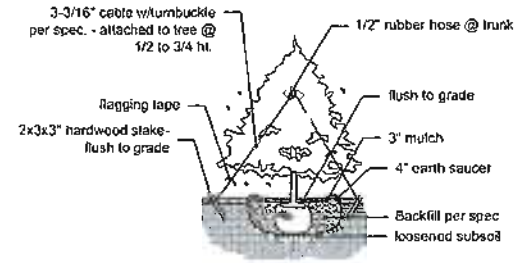
**End of Architects Statement**



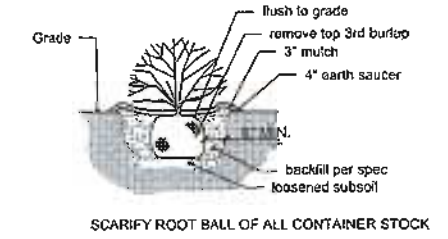


**Proposed Landscape Plan**

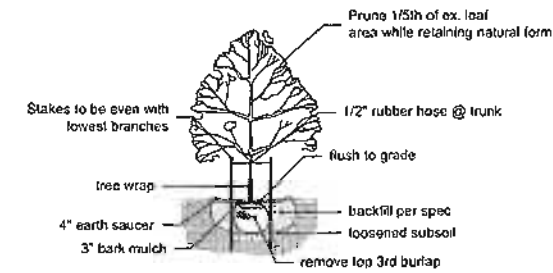
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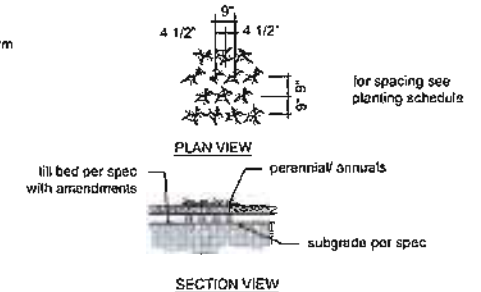
**TYPICAL EVERGREEN PLANTING**



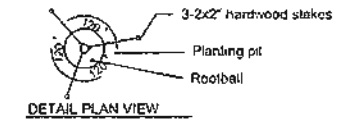
**TYPICAL SHRUB PLANTING**



**CANOPY TREE PLANTING**



**TYPICAL PERENNIAL PLANTING**



**DETAIL PLAN VIEW**

PLANTING SCHEDULE						
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	LANDING HEIGHT	TYPE
A	3	Acer rubrum 'Autumn Flame'	Autumn Flame Red Maple	2 1/2"	45'+	Fast Growing
B	3	Platanus x acerifolia	London Plane Tree	2 1/2"	45'+	Fast Growing
C	3	Quercus bicolor	Swamp White Oak	2 1/2"	45'+	Medium Growing
D	1	Quercus imbricaria	Shingle Oak	2 1/2"	45'+	Medium Growing
E	1	Quercus rubra	Northern Red Oak	2 1/2"	45'+	Medium Growing
F	3	Crataegus virdis 'Winter King'	Winter King Hawthorn	2 1/2"	25'+	Medium Growing
G	5	Cercis canadensis	Red Bud	2 1/2"	25'+	Fast Growing
H	3	Pinus strobus	White Pine	0"	45'+	Fast Growing
a	4	Thuja occidentalis 'Smaragd'	Emerald Arborvitae	6-8"		5' O.C.
b	2	Ilex glabra 'Shamrock'	Shamrock Inkberry	2-3"		3' O.C.
c	15	Spiraea x bumalda 'Froebelii'	Froebel Spiraea	18-24"		3' O.C.
d	21	Juniperus sabinna 'Broadmoor'	Broadmoor Juniper	18-24"		3' O.C.
		Liriodie muscari	Liriodie	1 qt.		12' O.C.
Water quality plantings to be selected						

**GENERAL NOTES:**

- 1) Open space ratio is 40.4%
- 2) Street tree Req. - 254.9/50 ft = 5 street trees
- 3) All street trees will be located at least 3' from proposed curb.
- 4) All street trees will be located at least 10' from all storm sewer structures.
- 5) All turf areas will be seeded.
- 6) An in-ground irrigation system will be provided.



Douglas A. DeLong, Landscape Architect, L.A.S.I.

Consultants:

**Wings Corporate Estates Lot 19  
Chesterfield, MO**

Dial Architects

**Revisions:**

Date	Description	No.

Drawn: BD  
Checked: DD

Dial  
Landscape Architecture  
7620 West Bruno  
St. Louis, MO 63117  
(314) 346-4856  
delong.la@gmail.com

Sheet Title: Preliminary Landscape Plan  
Sheet No.: LP-1  
Date: 11/16/2009  
Job #: 105.001



NORTH ELEVATION



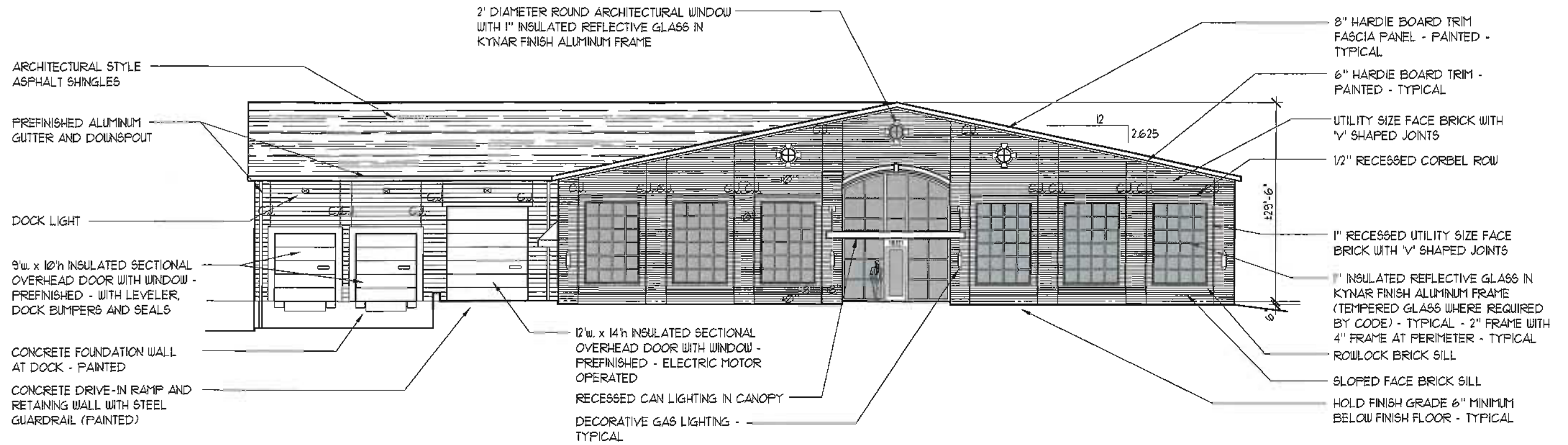
WEST ELEVATION



SOUTH ELEVATION

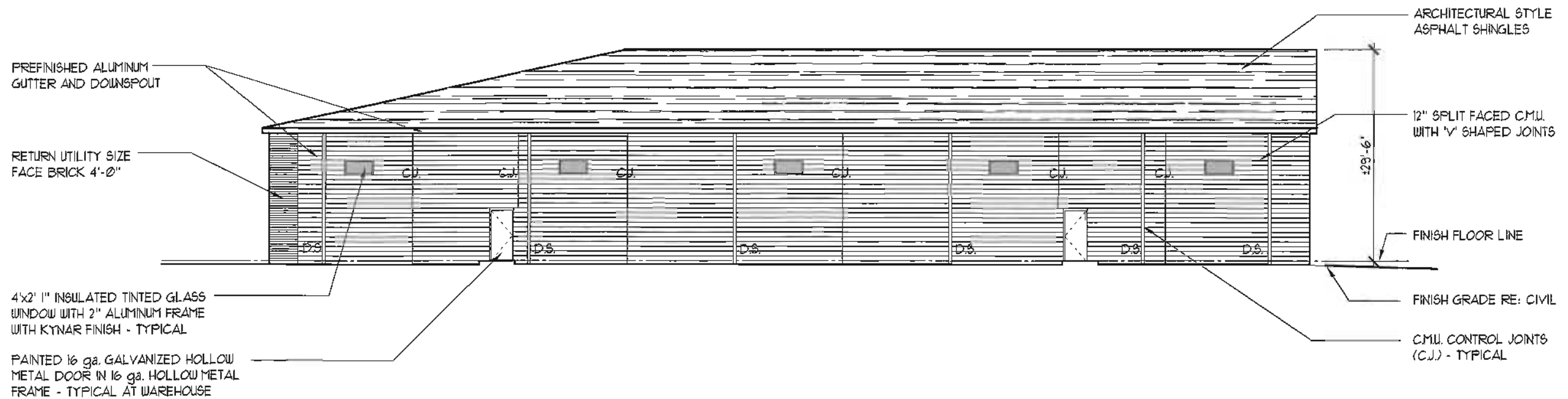


EAST ELEVATION



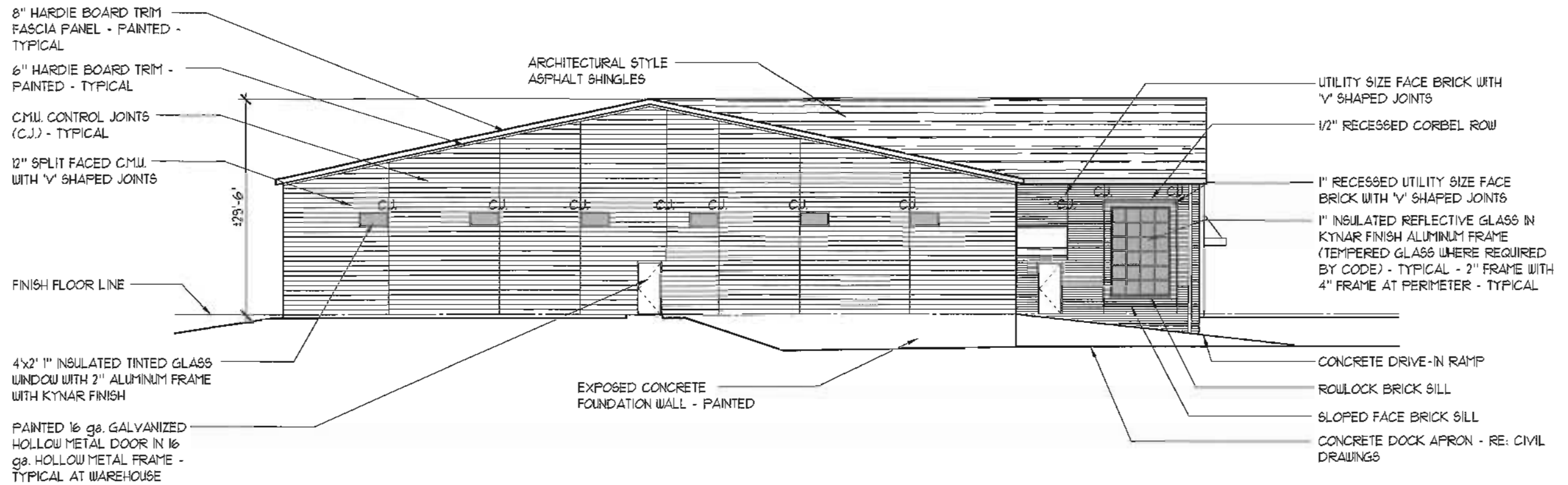
**WEST ELEVATION**

1/16" = 1'-0"



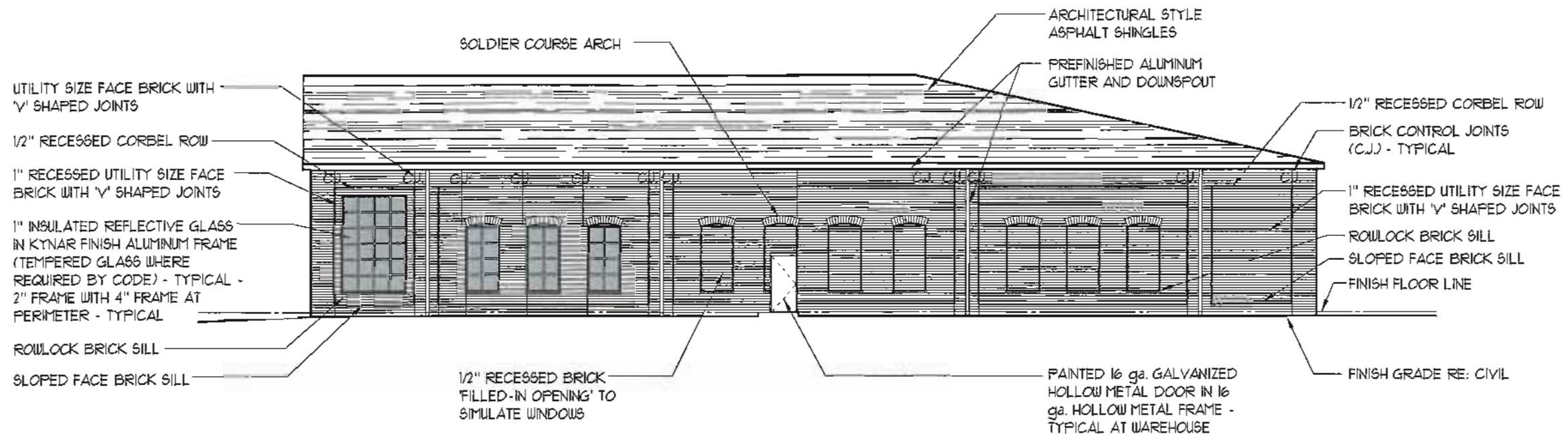
**EAST ELEVATION**

1/16" = 1'-0"



### NORTH ELEVATION

1/16" = 1'-0"



### SOUTH ELEVATION

1/16" = 1'-0"





LOOKING NORTH



LOOKING EAST



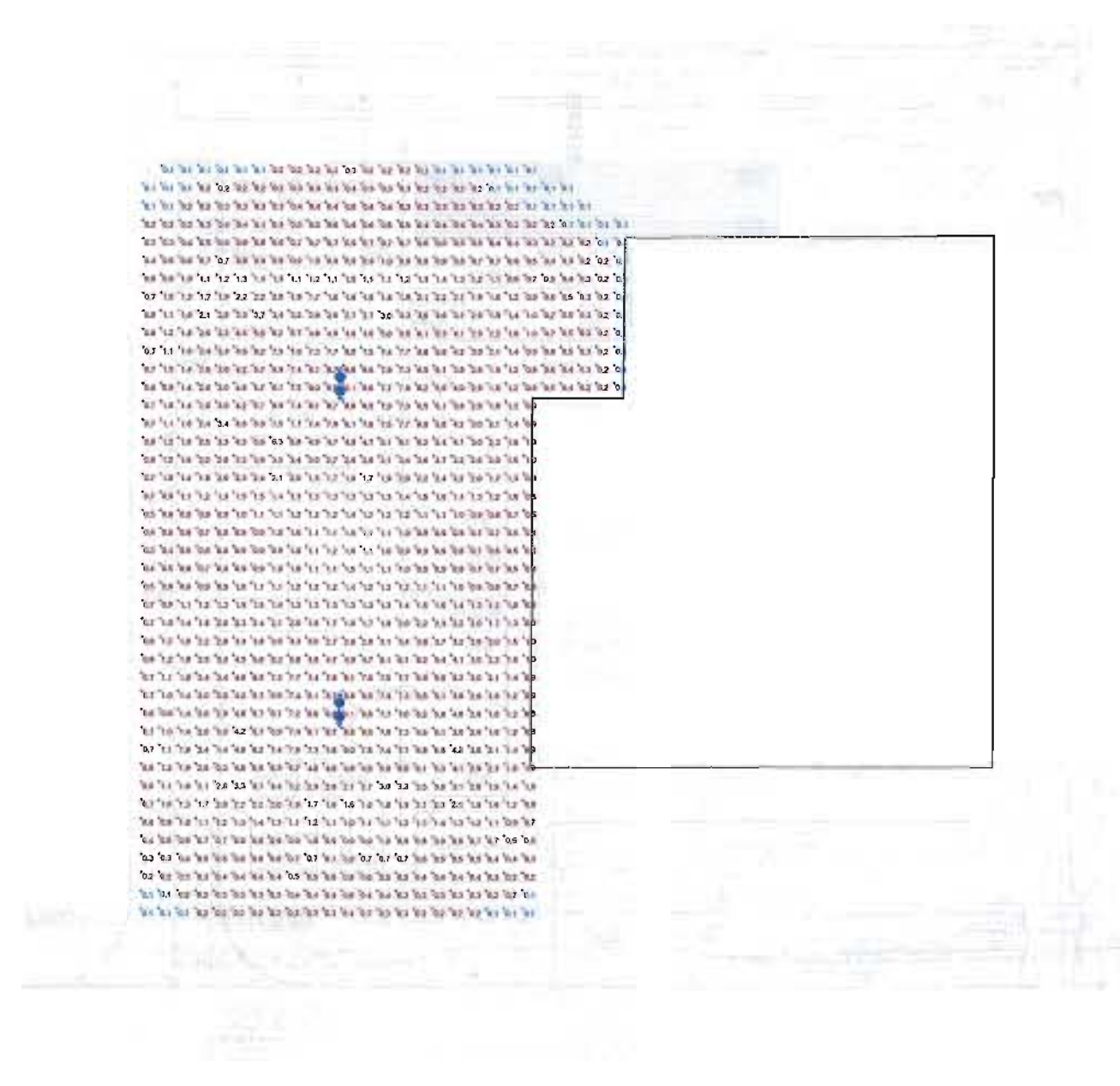
LOOKING SOUTH



LOOKING WEST



RELIANCE ASSOCIATES



Plan View  
 Scale 1" = 20'

STATISTICS					
Description	Symbol	Avg	Max	Min	Avg/Min
Calc Zone #2	+	2.1 fc	9.1 fc	0.1 fc	91.01

LUMINAIRE SCHEDULE						
Symbol	Label	Qty	Catalog Number	Description	Lamp	File
+	A	2	UCLH2-250PSMH	WITH TYPE 2 SPECULAR ONE VENTURE 250 REFLECTOR AND CLEAR WATT PSMH LAMP. FLAT GLASS LEGS	LUMENS=2000	UCL-H2-250PSMH.lvs

Wings Corporate Estate  
 Lot 19  
 Twin head, 20' pole

Designer  
 RMG  
 Date  
 Nov 20 2009  
 Scale  
 AS NOTED  
 Drawing No.



## Universe Collection® – UCL

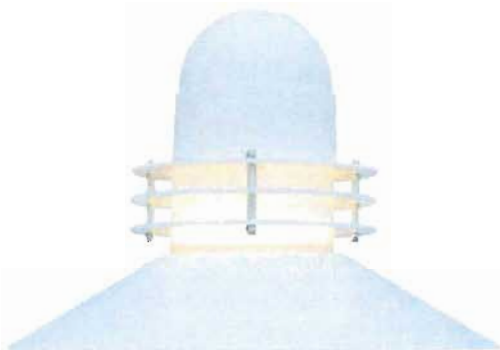
page 1 of 6

DATE

TYPE

Large Scale - Horizontal Reflector

Updated: 11/2008



- Modular system with five luminous options, four hood options, and two optical systems for customization to complement site design.
- Type 2,3,4 and 5 full cut off horizontal reflectors (without luminous element)
- Pole, wall, and pendant mounting options.
- Full cutoff, dark sky compliant configurations.
- EISA compliant
- IP65 rated
- Powder coat finish in 13 standard colors with a polymer primer sealer



### Architectural Area Lighting

14249 Artesia Blvd | La Mirada | CA 90638  
P 714.994.2700 | F 714.994.0522 | aal.net  
Design patents, Copyright ©2008 Rev 11/2008





**Job Name:**  
ROADWAY LTG CHESTERFIELD  
VALLEY - WINGS CORPORATE OFFICE

**Catalog Number:**  
UCL-FLR-H2-250HPS-DBZ

Notes:

**Type:**

**FIXT**

LEC-STL08-11263

Universe Collection® – UCL

page 2 of 6

DATE

TYPE

Fixture	Luminous Element	Optics	Lamp/Ballast	Color	Hood Options	Options
1	2	3	4	5	6	7

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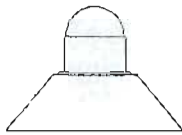
UCL Universe Large (Horizontal Reflector)

2. LUMINOUS ELEMENT

NO LUMINOUS ELEMENT

ANG

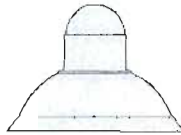
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DIA: 30 in/760 mm

BEL

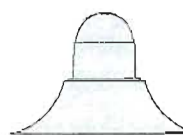
Bell Hood



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DIA: 30 in/760 mm

FLR

Flared Hood



HT: 21 in/535 mm  
DIA: 32 in/810 mm

SKB

Skirted Bell Hood

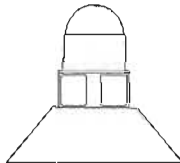


HT: 27.25 in/693 mm  
DIA: 32 in/810 mm

4 LUMINOUS WINDOWS

WND-ANG

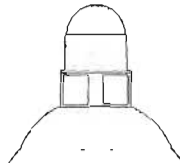
Angled Hood



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WND-BEL

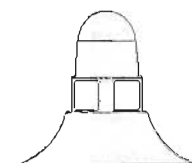
Bell Hood



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WND-FLR

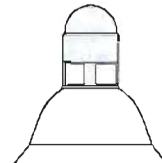
Flared Hood



HT: 26.7 in/680 mm  
DIA: 32 in/810 mm

WND-SKB

Skirted Bell Hood



HT: 32.5 in/826 mm  
DIA: 32 in/810 mm

SOLD TO

PO #

JOB NAME

Approvals

**Architectural Area Lighting**

14249 Artesia Blvd | La Mirada | CA 90638  
P 714.994.2700 | F 714.994.0522 | aal.net  
Design patents, Copyright ©2008 Rev 11/2008



**Universe Collection® – UCL**

page 3 of 6

DATE

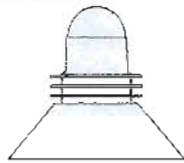
TYPE

Fixture	Luminous Element	Optics	Lamp/Ballast	Color	Hood Options	Options
1	2	3	4	5	6	7

**SOLID RINGS**

**SR-ANG**

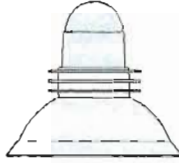
Angled Hood



HT: 26.7 in/680 mm  
DIA: 30 in/760 mm

**SR-BEL**

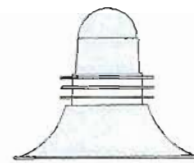
Bell Hood



HT: 26.7 in/680 mm  
DIA: 30 in/760 mm

**SR-FLR**

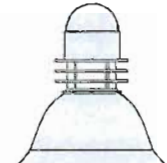
Flared Hood



HT: 26.7 in/680 mm  
DIA: 32 in/810 mm

**SR-SKB**

Skirted Bell Hood

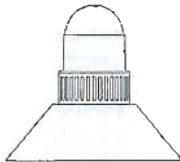


HT: 32.25 in/820 mm  
DIA: 32 in/810 mm

**VERTICAL SLOTS**

**VSL-ANG**

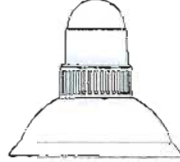
Angled Hood



HT: 26.7 in/680 mm  
DIA: 30 in/760 mm

**VSL-BEL**

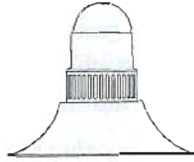
Bell Hood



HT: 26.7 in/680 mm  
DIA: 30 in/760 mm

**VSL-FLR**

Flared Hood



HT: 26.7 in/680 mm  
DIA: 32 in/810 mm

**VSL-SKB**

Skirted Bell Hood

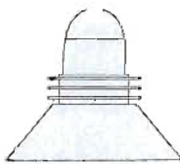


HT: 32.5 in/826 mm  
DIA: 32 in/810 mm

**LUMINOUS RINGS**

**LUM-ANG**

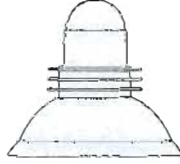
Angled Hood



HT: 26.7 in/680 mm  
DIA: 30 in/760 mm

**LUM-BEL**

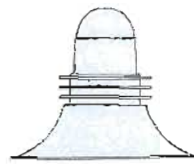
Bell Hood



HT: 26.7 in/680 mm  
DIA: 30 in/760 mm

**LUM-FLR**

Flared Hood



HT: 26.7 in/680 mm  
DIA: 32 in/810 mm

**LUM-SKB**

Skirted Bell Hood



HT: 32.25 in/820 mm  
DIA: 32 in/810 mm

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JOB NAME

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**Architectural Area Lighting**

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**Job Name:**  
ROADWAY LTG CHESTERFIELD  
VALLEY - WINGS CORPORATE OFFICE

**Catalog Number:**  
UCL-FLR-H2-250HPS-DBZ

Notes:

Type:

**FIXT**

LEC-STL08-11263

## Universe Collection® – UCL

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DATE

TYPE

Fixture	Luminous Element	Optics	Lamp/Ballast	Color	Hood Options	Options
1	2	3	4	5	6	7

## 3. OPTICS

- H2 Type 2 horizontal reflector, flat glass lens
- H3 Type 3 horizontal reflector, flat glass lens
- H4 Type 4 horizontal reflector, flat glass lens
- H5 Type 5 horizontal reflector, flat glass lens

## 4. LAMP/BALLAST

- 150PSMH Pulse start 150 watt metal halide 120/208/240/277 volt ballast. Use a medium base ED-17 lamp.
- 250PSMH Pulse start 250 watt metal halide 120/208/240/277 volt ballast. Use a mogul base, ED-28 lamp.
- 320PSMH Pulse start 320 watt metal halide 120/208/240/277 volt ballast. Use a mogul base, ED-28 lamp.
- 350PSMH Pulse start 350 watt metal halide 120/208/240/277 volt ballast. Use a mogul base, ED-28 lamp.
- 400PSMH Pulse start 400 watt metal halide 120/208/240/277 volt ballast. Use a mogul base, ED-28 lamp.
- 150HPS High pressure sodium 120/208/240/277 volt ballast. Use a mogul base, ED-23 1/2 lamp.
- 250HPS High pressure sodium 120/208/240/277 volt ballast. Use a mogul base, ED-18 lamp.
- 400HPS High pressure sodium 120/208/240/277 volt ballast. Use a mogul base, ED-18 lamp.
- IL-85 85 watt, induction lamp system with high frequency generator. Specify 120, 208, 240 or 277 volt.  
-20° C start temp.
- IL-165 165 watt, induction lamp system with high frequency generator. Specify 120, 208, 240 or 277 volt.  
-20° C start temp.
- All ballasts are factory wired for 277 volts, unless specified. Lamps not included.  
All applicable ballasts are EISA compliant.*

## 5. COLOR

- AWT Arctic White
- BLK Black
- MTB Matte Black
- DGN Dark Green
- DBZ Dark Bronze
- WRZ Weathered Bronze
- BRM Metallic Bronze
- VBL Verde Blue
- CRT Corten
- MAL Matte Aluminum
- MDG Medium Grey
- ATG Antique Green
- LGY Light Grey
- RAL/PREMIUM COLOR Provide a RAL 4 digit color number
- CUSTOM COLOR Please provide a color chip for matching

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**Job Name:**  
ROADWAY LTG CHESTERFIELD  
VALLEY - WINGS CORPORATE OFFICE

**Catalog Number:**  
UCL-FLR-H2-250HPS-DBZ

Notes:

Type:

**FIXT**

LEC-STL08-11263

## Universe Collection® – UCL

page 5 of 6

DATE

TYPE

Fixture	Luminous Element	Optics	Lamp/Ballast	Color	Hood Options	Options
1	2	3	4	5	6	7

## 6. HOOD OPTIONS

- COP Copper Hood
- STS Stainless Steel Hood

*All styles of hoods are available in copper or stainless steel. The natural copper and stainless steel hoods are unfinished to develop a patina over time. All hoods have the underside of the hoods finished in high reflectance white.*

## 7. OPTIONS

- FLD Lightly diffused finish on flat glass lens.
- HSS House side shield.
- QRS Quartz restrike controller and socket for a T-4 mini-cand halogen lamp, maximum 150 watt.
- QL Socket for a T-4 mini-cand halogen lamp. Must be field wired to a separate 120 volt circuit. Maximum 150 watt.
- 347 120/240/347 volt ballast for HID lamp
- PMS Pendant mount with 48 in/1220mm stem and canopy with swivel. Stem and canopy painted white. 45° max. movement.
- SLC Internal sleeve to block off the light from the lens when a Luminous element is chosen: WND, SR, VSL or LUM

INNER LENS - (LUM Option only) Optional inner lens adds color to the ring edges when illuminated.

- BL Blue acrylic inner lens
- RD Red acrylic inner lens
- GRN Green acrylic inner lens

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DATE

TYPE

### Specifications

#### HOUSING

The fixture ballast housing shall be one piece die cast aluminum. The luminous rings shall be clear acrylic with an internal lens. The lens shall be lightly diffused acrylic, sealed to the housing and shade with molded silicone gaskets. The hood and spacers shall be heavy gage spun aluminum with hemmed edges for added rigidity.

All internal and external hardware shall be stainless steel.

Reflector models shall consist of a die cast aluminum door frame and ring assembly. The hood ring assembly shall be fully sealed with a molded silicone gasket. The door frame shall be hinged to the ring and opened with two captive fasteners for relamping. The tempered sag glass lens is held in the door frame with a molded silicone gasket.

#### OPTICAL ASSEMBLY

The reflector module shall be composed of faceted, semi specular anodized aluminum panels rigidly attached in an aluminum tray. The reflector shall be easily removed by loosening four screws and lifting it out the tray. The reflector tray shall be rotatable on 90° centers for orienting the light distribution. The reflectors shall meet ANSI-IES standards for full cutoff.

#### ELECTRICAL

The ballast shall be mounted on a prewired tray with a quick disconnect plug and removed by loosening two captive screws. HID ballasts are high power factor, rated for -30°F starting. Sockets are medium base, pulse rated porcelain. Ballasts are multi-tap, wired at the factory for 277 volts, unless specified.

#### INSTALLATION & MOUNTING

The fixture shall be attached to the arm assembly with three stainless steel bolts. The connection shall be sealed with a silicone compression gasket.

#### FINISH

Fixture finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

#### EISA COMPLIANCE

AAL is committed to complying with EISA requirements 100%. All applicable products manufactured for sale in the United States after January 1, 2009, will meet EISA requirements.

#### ENVIRONMENTAL COMMITMENT

AAL has always provided efficient, effective and environmentally sound outdoor lighting fixtures. In addition to our every day environmental practices, AAL is the first lighting manufacturer to become CARBON NEUTRAL. Becoming CARBON NEUTRAL is just another step we have taken to promote environmental responsibility within our culture.

#### CERTIFICATION

The fixture shall be listed with ETL and U.L. for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 NO.250. IP=65

#### WARRANTY

Fixture shall be warranted for three years. Ballast components carry the ballast manufacturer's limited warranty.

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**Job Name:**  
ROADWAY LTG CHESTERFIELD  
VALLEY - WINGS CORPORATE OFFICE

**Catalog Number:**  
SLA7-DB

Notes:

**Type:**

**ARM**

LEC-STL08-11263

## CONTEMPORARY ARMS SLA 7 DATE TYPE

PAGE 1 OF 1

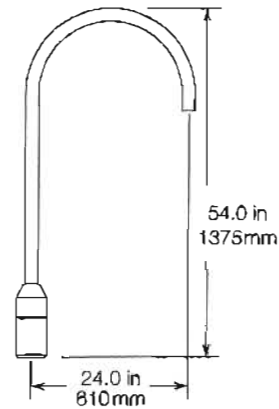
### SLA 7

Slips over 4" pole  
Weight: 9 LBS. EPA: 1.34

The arm shall be of one piece unitized aluminum construction, fully welded and assembled. The slip fitter shall be cast aluminum with an internal wire-way and pole stop. The arm shall be prewired with a quick connector for easy installation.

The arm shall have a cast aluminum fitter welded to the top of the arm(s) for attaching the fixture. The fixture shall be mounted with three stainless steel bolts through the top of the arm fitter into the fixture. The attachment point shall have a silicone pad for sealing the fixture to arm connection.

The arm shall slip over a 4"/100MM diameter pole or tenon. The cast aluminum slip fitter shall have six stainless steel cup point set screws for securing the arm to the pole or tenon.



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/	/	/

APPROVALS

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REF: SLA 7 PDF © 2005. DESIGN PATENTED.



**Job Name:**  
ROADWAY LTG CHESTERFIELD  
VALLEY - WINGS CORPORATE OFFICE

**Catalog Number:**  
RSA30C7-4-4-BM 4" TENON

**Type:**  
**POLE**

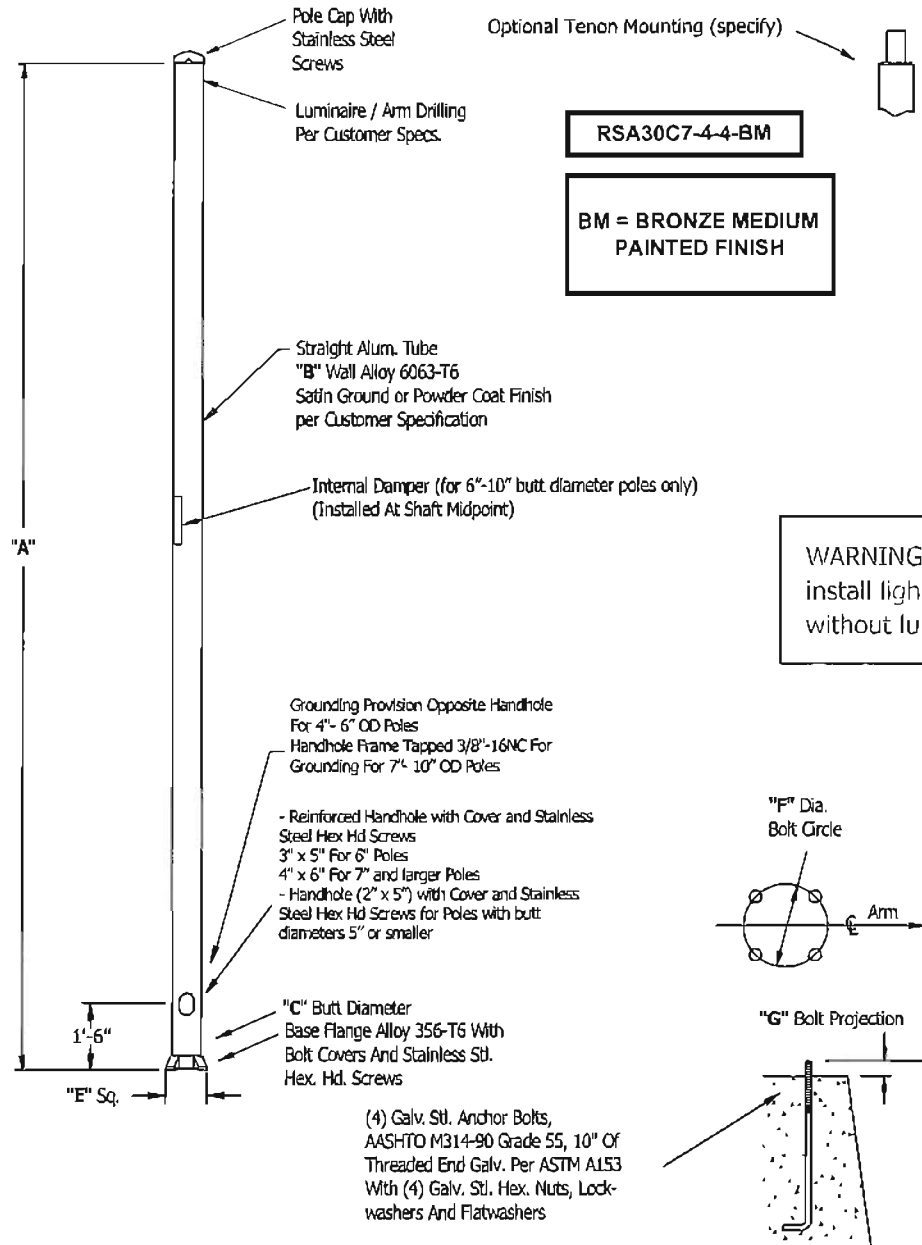
Notes:

LEC-STL08-11283



**4 Bolt Base**

**RSA30C7-4-**



<b>Mounting Height:</b>	30 ft
<b>Wall Thickness:</b>	.156 in
<b>Butt Diameter:</b>	7 in
<b>Top Diameter:</b>	7 in
<b>Base Diameter:</b>	10.5 in
<b>Bolt Circle:</b>	10-11 in
<b>Bolt Projection:</b>	2.75 in
<b>Bolt Size:</b>	1 x 36 x 4
<b>Net Weight:</b>	130
<b>Luminary Weight:</b>	100
<b>Arm Length:</b>	
<b>Quantity:</b>	

<i>Maximum EPA</i>	
<b>70:</b>	8.1
<b>80:</b>	5.7
<b>90:</b>	4.2
<b>100:</b>	3.1
<b>110:</b>	2.4

**Accessories**

**Your Name:**  
**Representative Name:**  
**Architect Name:**  
**Project Name:**  
**Customer P.O. #:**  
**Finish:** -  
**Date:** 11/17/2009  
**Notes:**