WOODHOUSE PLACE
DESIGN GUIDELINES

City of La Vista, Nebraska

La Vista City Hall
8116 Park View Boulevard
La Vista, Nebraska
4 April 2017

Contents

1. INTRODUCTION

The Developer of Woodhouse Place and the City of La Vista, Nebraska, jointly have established the following Design Guidelines. These Guidelines have been developed as part of the Master Planning Process to ensure Visual Continuity and the Creation of a Sense of Place through the use of Common Elements of Site and Architecture within the Woodhouse Place Project.

"The Woodhouse Place Design Guidelines take the place of City's Gateway Corridor District Design Guideline dated September 17, 2013. It shall be the City Administrator who shall determine which design criteria is applicable in the event of a conflict between the two documents referenced herein."

The Design Guidelines illustrate a Color Palette, Allowable Building Materials and a Selection of Required Site Amenities. Individual Tenants and Owners shall be required to use these Elements to create a Type of Architecture Characterized by the Developer of Woodhouse Place as Clean and Contemporary.

The criteria contained herein are not intended to restrict imagination, innovation, or variety, but rather to assist in focusing on design principles that can result in creative solutions that will develop a satisfactory visual appearance within the city jurisdiction, preserve taxable values, and promote the public health, safety, and welfare.

2. GEOGRAPHIC AREA AND CRITERIA

It is the intent of the City for this Building Criteria to apply to all property within the Woodhouse Place PUD Overlay District and as a part of the Gateway Corridor District (Overlay District), as shown on the City's official zoning map.

New construction and modifications to existing buildings, including the structure and the surrounding property, are required to have compliance reviewed through the design review process.

Appearance. The outward aspect visible to the public.

Appropriate. Sympathetic, or fitting, to the context of the site and the whole community.

Appurtenances. The visible, functional objects accessory to and part of buildings.

Architectural concept. The basic aesthetic idea of a building, or group of buildings or structures, including the site and landscape development, that produces the architectural character.

Architectural feature. A prominent or significant part or element of a building, structure, or site.

Architectural style. The characteristic form and detail, as of buildings of a particular historic period.

Berm. A raised form of earth to provide screening or to improve the aesthetic character.

City. City of La Vista

Code. The Municipal Code of the City of La Vista.

Cohesiveness. Unity of composition between design elements of a building or a group of buildings and the landscape development.

Compatibility. Harmony in the appearance of two or more external design features in the same vicinity.

Conservation. The protection and care that prevent destruction or deterioration of historical or otherwise significant structures, buildings, or natural resources.

Cornice. A horizontal molded projection that crowns or completes a building or wall.

Eclectic. Choosing what appears to be the best from diverse sources, systems, or styles.

Exterior building component. An essential and visible part of the exterior of a building.

External design feature. The general arrangement of any portion of a building, sign, landscaping, or structure and including the kind, color, and texture of the materials of such portion, and the types of roof, windows, doors, lights, attached or ground signs, or other fixtures appurtenant to such portions as will be open to public view from any street, place, or way.

Gateway Corridor District. The City's overlay zoning district establishing basic site and building development criteria to be implemented within the boundaries of the overlay district.

Graphic element. A letter, illustration, symbol, figure, insignia, or other device employed to express and illustrate a message or part thereof.

Harmony. A quality that represents an appropriate and congruent arrangement of parts, as in an arrangement of varied architectural and landscape elements.

Logic of design. Accepted principles and criteria of validity in the solution of the problem of design.

Mechanical equipment. Equipment, devices, and accessories, the use of which relates to water supply, drainage, heating, ventilating, air conditioning, and similar purposes.

Miscellaneous structures. Structures, other than buildings, visible from public ways. Examples are: fences, walls, and transformers.

Proportion. Balanced relationship of parts of a building, landscape, structures, or buildings to each other and to the whole.

Scale. Proportional relationship of the size of parts to one another and to the human figure.

Screening. Structure of planting that conceals from view from public ways the area behind such structure or planting.

Site break. A structural or landscape device to interrupt long vistas and create visual interest in a site development.

Street hardware. Man-made objects other than buildings that are part of the streetscape. Examples are: lamp posts, utility poles, traffic signs, benches, litter containers, planting containers.

Streetscape. The scene as may be observed along a public street or way composed of natural or man-made components, including buildings, paving, planting, street hardware, and miscellaneous structures.

Utilitarian structure. A structure or enclosure relating to mechanical or electrical services to a building.

Utility hardware. Devices such as poles, crossarms, transformers and vaults, gas pressure regulating assemblies, and hydrants that are used for water, gas, oil, sewer, and electrical services to a building or a project.

I. RELATIONSHIP OF BUILDING TO SITE

A. The site shall be planned to accomplish a desirable transition from the sit to the adjoining streetscape and to provide for adequate planting, safe pedestrian movement, and parking areas.

B. Site planning is encouraged to provide an interesting relationship between buildings.

C. Without restricting the permissible limits of the applicable zoning district, the height and scale of each building shall be compatible with its site and existing (or anticipated) adjoining buildings.

D. Newly installed utility services, and service revisions necessitated by exterior alterations, shall be underground.

II. RELATIONSHIP OF BUILDINGS AND SITE TO ADJOINING AREA

(OUTSIDE OF SUBDIVISION)

A. Attractive landscape transition to adjoining properties shall be provided where possible.

B. Harmony in texture, lines, and masses is required. Monotony shall be avoided.

III. LANDSCAPE AND SITE TREATMENT

Landscape elements included in these criteria consist of all forms of planting and vegetation, ground forms, rock groupings, water patterns, and all visible construction except buildings and utilitarian structures.

A. Where natural or existing topographic patterns contribute to beauty and utility of a development, they shall be preserved and developed. Modification to topography will be permitted where it contributes to good appearance. All modifications to topography shall be designed to provide varied and more natural grading practices. Consistent, even topography that provides an engineered feel is not acceptable.

B. Grades of walks, parking spaces, terraces, and other paved areas shall provide an inviting and stable appearance for walking and, if seating is provided, for sitting.

C. Landscape treatment shall be provided to enhance architectural features, strengthen vistas and important axes, and provide shade.

D. Unity of the design shall be achieved by repetition of certain plant varieties and other materials and by correlation with adjacent developments. All projects are required to use the minimum number of species under each category from the variety list in Appendix A.

1. A minimum of two species listed under the deciduous tree category

2. A minimum of one species listed under the coniferous tree category

3. A minimum of one species listed under the deciduous shrubs category

4. A minimum of one species listed under the coniferous shrubs category

E. Plant material shall be selected for interest in its structure, texture, and color and for its ultimate growth. Plants that are indigenous to the area and others

that will be hardy, harmonious to the design, and of good appearance shall be used.

F. The landscape plan shall be designed to provide natural undulating landscape forms. Avoid consistent straight line plantings.

G. Irrigation of all landscape elements as defined above and turf area is required. Provide specification or information showing compliance in design submittal.

H. Parking areas and traffic ways shall be enhanced with landscaped spaces containing trees or tree groupings. Shrubs or other landscaping elements may be allowed in lieu of trees on a limited basis as approved by the City of La Vista within the PUD Landscape Plan.

I. Screening of service yards, mechanical, electrical, phone equipment and pedestals and other places that tend to be unsightly shall be accomplished by use of walls, fencing, planting, or combinations of those. Screening shall be equally effective in winter and summer.

J. Exterior lighting, when used, shall enhance the building design and the adjoining landscape. Lighting standards and fixtures for the parking areas and drives within the building area shall be similar in appearance and quality level as the light fixtures identified in Appendix B. Building fixtures shall be of a design and size compatible with the building and adjacent areas. Lighting shall be restrained in design and excessive brightness avoided. Wall Pack and exterior lighting with visible lamps are not permitted. Lighting shall be Dark Sky compliant, and limit wash onto abutting properties. Exceptions to Dark Sky compliance may be made for specific emergency lighting situations. Fixture, poles and/or other support cut sheets are required in the design submittal for all exterior lighting fixtures to be utilized.

K. Storm water management shall be integrated into the design of the site and landscaping. Storm water management criteria are found in the following reference materials:

1. Papillion Creek Watershed Partnership Storm Water Management Policies
2. Storm Water Management Regulations, Chapter 154 of the City of La Vista Municipal Code
3. City of La Vista Subdivision Regulations, 2003 Edition and latest amendments
4. Omaha Regional Storm Water Design Manual, Draft Revision of Chapter 8 dated June, 2012 or latest edition.
5. Nebraska Bioretention and Rain Garden Plants Guide, 2010 or latest edition

IV. BUILDING DESIGN

A. Architectural style is not restricted; however architectural style should consistent throughout the subdivision. Evaluation of the appearance of the projects shall be based on the quality of its design and relationship to surroundings.

B. Buildings shall have good scale and be harmonious conformance with permanent neighboring development.

C. All buildings are to be designed from a four-sided (360 degree) structure perspective, thus requiring the same caliber of finishes and design attention

on all facades of the building. Large areas of blank exterior are to be avoided and are grounds for non-compliance.

D. All buildings shall feature a prominent entrance.

E. Building Materials:

1. Building Materials shall be limited to the following:
   a) Aluminum Composite Material (ACM)
   b) Clear or tinted glass
   c) Clay brick or stone
   d) Integrally colored burnished or split face concrete block. Smooth concrete block may be allowed as accents.
   e) Integrally colored EFIS (exterior insulated finishing system)
   f) Integrally colored cast stone
   g) Architectural Precast Concrete may be allowed as Accents
   h) Integrally colored composite rain screen panels.
   i) Any combination of the materials listed
2. Materials shall be selected for suitability to the type of buildings and the design in which they are used. Buildings shall have the same materials, or those that are architecturally harmonious, used for all building walls and other exterior building components wholly or partly visible from public ways.
3. Materials shall be of durable quality such as prefinished or integral color for long life with minimal maintenance. Any material requiring a field-applied finish shall have long life, i.e. coatings such as "TNEMEC" or equal. Product data shall be submitted for review.
4. In any design in which the structure frame is exposed to view, the structural materials shall be compatible within themselves and harmonious with their surroundings.

F. Building components, such as windows, doors, eaves and parapets, shall have good proportions and relationships to one another.

G. Intense, bright, or fluorescent colors should not be used as the predominant color on any wall or roof of any primary or accessory structure. These colors may be used as building accent colors, but should generally not constitute more than 10 percent of the area of each elevation of a building.

H. All overhead garage doors shall be recessed into the main building façade a minimum of 8 inches. Depth shall be relative to building wall construction.

I. Colors shall be harmonious and shall use only compatible accents.

J. Portions of low slope roofs of less than 1/12 may be allowed. They may be either adhered or ballasted. If adhered, the membrane shall be in the lighter color ranges, such as white, to be more energy conscious and less absorptive. An SRI of 29 or greater is required.

K. Mechanical equipment or other utility hardware on roof, ground, or buildings shall be screened from public view with materials harmonious with the building or they shall be so located as not to be visible from an elevation view and all angles associated with any public view. A section view shall be provided demonstrating appropriate screening. Mechanical screening shall match building elements and materials. Ground mounted mechanical equipment may utilize vegetative or other screening in a design approved by the City.

L. Exterior lighting shall be part of the architectural concept. Fixtures, standards, and all exposed accessories shall be harmonious with building design. Use of more energy conscious lamps, such as LED's or similar is encouraged. The approved parking light fixture is provided in **Appendix B**.

M. If used, fencing and site furniture, including waste cans, directories, ash urns, guard rails or railing enclosures, shall be similar to those in existing locations in the Gateway Corridor Overlay District. The color of the site furnishings shall blend with the colors of the rest of the building/site. Provide selection documentation and color for review.

N. Refuse and waste removal areas, shall be screened from public view, using materials as stated in criteria for equipment screening.

O. All landscaping shall be in compliance with the Landscaping Requirements from the City of La Vista Zoning Ordinance.

P. Monotony of design in single or multiple building projects shall be avoided. Variation of detail, form, and siting shall be used to provide visual interest. In multiple building projects, variable siting or individual buildings may be used to prevent a monotonous appearance.

Q. Exterior roof access ladders are not allowed within the Woodhouse Place PUD District.

R. Exterior bracing of parapets or other features shall be screened from elevation views. Screening shall match building elements and materials.

V. SIGNS

A. Every sign shall have good scale and proportion in its design and in its visual relationship to the buildings and surroundings.

B. Every sign shall be designed as an integral architectural element of the building and site to which it principally relates.

C. The colors, materials, and lighting of every sign shall be restrained and harmonious with the building and site to which it principally relates.

D. The number of graphic elements on a sign shall be held to the minimum needed to convey the sign's major message and shall be composed in proportion to the area of the sign face.

E. Each sign shall be compatible with signs on adjoining premises and shall not compete for attention.

F. Identification signs of a prototype design and corporation logos shall conform to the criteria for all other signs.

G. Monument signage shall vary between vehicle manufacturers, and shall correspond w/ building materials and branding. These monument signs may be internally lit.

H. Dealer signage, or center monument signage reading "Woodhouse Place", shall be relatively similar in height, construction, and material usage as the other manufacture signs, and may have low spot lighting.

VI. MAINTENANCE—PLANNING AND DESIGN FACTORS

A. Continued good appearance depends upon the extent and quality of maintenance. The choice of materials and their use, together with the types of

finishes and other protective measures, must be conducive to easy maintenance and upkeep.

B. Materials and finishes shall be selected for their durability and wear as well as for their beauty. Proper measures and devices shall be incorporated for protection against elements, neglect, damage, and abuse.

C. If prefinished metal is utilized, TNEMEC coated metal, or approved equal is required.

VII. FACTORS FOR EVALUATION

The following factors and characteristics, which affect the appearance of the development, will govern the evaluation of a design submission:

A. Conformance to city ordinances and the Design Guideline
B. Logic of design.
C. Exterior space utilization.
D. Architectural character.
E. Attractiveness.
F. Material selection.
G. Harmony and compatibility.
H. Circulation - vehicular and pedestrian.
I. Maintenance requirements.

VIII. APPROVAL OF CHANGES AFTER DESIGN ACCEPTANCE

It is the owner's responsibility to point out and submit any exterior modifications that are proposed between design acceptance and completion of construction to assure timely issuance of a Certificate of Occupancy.

PRE-APPLICATION CONFERENCE:	A pre-application conference with city staff and/or a preliminary meeting with the city design review architect gives the applicant an opportunity to discuss plans before a great deal of time or money is expended. If a certain design is inappropriate, the applicant will know beforehand.
APPLICATION FOR DESIGN REVIEW:	The applicant needs to fill out the "Application for Design Review and submit it along with the required submittals. A listing of required submittals is included as part of the application form. The application fee required for this submittal shall be in accordance with La Vista's Master Fee Schedule.
RESUBMITTAL REQUIREMENTS:	After the initial submittal, digital submissions are acceptable, with the exception of material and color samples. A final hard copy submittal in 11" x 17" format shall be required after final approval.
DESIGN REVIEW:	The City of La Vista staff in association with the city design review architect will review the submittal documents for compliance with the Woodhouse Place Design Guidelines.
SCHEDULE OF REVIEWS:	A completed application will take approximately three weeks to review. Incomplete applications may cause a delay. Additional reviews will be necessary for all revised submittals until a Certificate of Design Approval is issued.
CERTIFICATE OF APPROVAL:	Upon a successful review the City of La Vista will issue to the applicant a Certificate of Design Approval. A copy of this will need to be included with the Building Permit documents in order to receive a Building Permit.

APPEALS:	In the event where the applicant and the City cannot come to an agreement within 180 days of initial application submission, the applicant may request a meeting with the City Administrator regarding an appeal to the City Council.
OCCUPANCY PERMIT:	After the building permit is issued, all design requirements must be completed as approved in order for a Certificate of Occupancy to be issued.
MAINTENANCE OF DESIGN REQUIREMENTS:	The applicant needs to maintain the Design Requirements for the life of the project. In the event that they fail to do so, the City may revoke the Occupancy Permit.

DECIDIOUS TREES	**Min. Size**
	2.5” cal
Downy Serviceberry/Amelanchier arborea – clump form	
Prairie Pride hackberry/Celtis occidentalis ‘Prairie Pride’	
Freeman Maple “Marmo”/ Acer saccharinum	
Burgundy Belle Red Maple/ Acer rubrum	
Norway Maple/ Acer platanoides	
Halka Honeylocust/ Gleditsia triacanthos var. inermis “Halka”	
Prairifire Crab/Malus ‘Prairifire’	
Swamp White Oak/Quercus bicolor	
Glenleven Littleleaf Linden/Tilia x flavescens ‘Glenleven’	
River Birch/Betula Nigra	
Heritage Oak/ Quercus virginiana	
Chinquapin Oak/ Quercus muehlenbergii	
Kentucky Coffee/ Gymnocladus dioicus espresso	
Adams Crab/ Malus ‘Adams’	
Snowdrift Crab/ Malus ‘Snowdrift’	
Greenspire/ Tilia cordata	
Red Maple/ Acer rubrum	

CONIFEROUS TREES	6’ tall
Colorado Spruce/Picea pungens	
Vanderwolf Pine/ Pinus flexilis ‘Vanderwolf’s’	
Bosnian Pine/ Pinus heldreichii	
Black Hills Spruce/ Picea glauca	

DECIDUOUS SHRUBS	5 gallon
Miniature Snowflake Mockorange/Philadelphus x ‘Miniature Snowflake’	
Gro-Low Fragrant Sumac/Rhus aromatica ‘Gro-Low’	
Japanese White Spirea/Spirea albiflora	
Anthony Waterer Spirea-Sapho/Spirea x bumalda ‘Anthony Waterer’	
Hancock Coralberry/Symphoricarpos x chenault ‘Hancock’	
Dwarf Lilac/ Syringa meyeri ‘Palibin’	
Alpine Currant/ Ribes alpinum	
Burning Bush/ Euonymus alatus	
Birchleaf Spirea	
Dogwood/ firedance red twig	
Blue muffin Vibernum	

CONIFEROUS SHRUBS 5 gallon

Green Tam Juniper/ Juniperus Sabina ‘Tamariscifolia’
Sea Green Juniper/ Juniperus chinensis ‘Sea Green’

GROUNDCOVERS 1 gallon

Purple Winter Creeper/Euonymus fortunei var. ‘Coloratus’
Vinca Minor

PERENNIALS/BULBS 1 gallon

Butterscotch Ruffles Daylily/Hemerocallis ‘Butterscotch Ruffles’
Fairy Tale Pink Daylily/Hemerocallis ‘Fairy Tale Pink’
Hyperion Daylily/Hemerocallis ‘Hyperion’
Irish Elf Daylily/Hemerocallis ‘Irish Elf’
Little Business Daylily/Hemerocallis ‘Little Business’
Pardon Me Daylily/Hermerocallis ‘Pardon Me’
Happy Returns Daylily/Hemerocallis ‘Happy Returns’
Mount Hood Daffodil/Narcissus sp. ‘Mount Hood’
May Night Salvia/ Salvia nemorosa ‘May Night’

APPENDIX B – Approved Parking Light Fixture

d-series

D-Series Size 2
LED Area Luminaire

Catalog Number

Notes

Type

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

Specifications

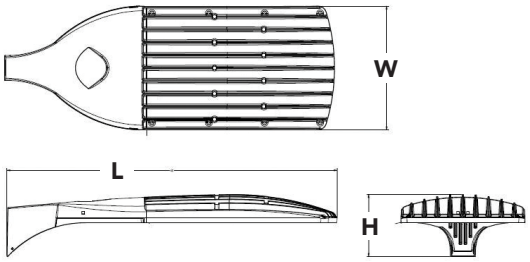
EPA: 1.1 ft² (0.10 m²)

Length: 40" (101.6 cm)

Width: 15" (38.1 cm)

Height: 7-1/4" (18.4 cm)

Weight (max): 36 lbs (16.3 kg)



Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. The Size 2 is ideal for replacing 400-1000W metal halide in area lighting applications with energy savings of up to 80% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: DSX2 LED 80C 1000 40K T4M MVOLT SPA DDBXD

DSX2 LED

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX2 LED	**Forward optics** 80C 80 LEDs (four engine) 100C 100 LEDs (four engines) **Rotated optics** [1] 90C 90 LEDs	530 530 mA 700 700 mA 1000 1000 mA[2] (1 A) 1200 1200 mA[2,3] (1.2 A)	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted[4]	T1S Type I Short T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium T5VS Type V Very Short T5S Type V Short T5M Type V Medium T5W Type V Wide BLC Backlight control[2,5,6] LCCO Left corner cutoff[2,5,6] RCCO Right corner cutoff[2,5,6]	MVOLT [7] 120 [7] 208 [7] 240 [7] 277 [7] 347 [7] 480 [8]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor [9] RPUMBA Round pole universal mounting adaptor [9] **Shipped separately** KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) [10]

Control options

Shipped installed

PER	NEMA twist-lock receptacle only (no controls) [11]
PER5	Five-wire receptacle only (no controls) [11,12]
PER7	Seven-wire receptacle only (no controls) [11,12]
DMG	0-10V dimming driver (no controls) [13]
DCR	Dimmable and controllable via ROAM® (no controls) [14]
DS	Dual switching [15,16]
PIRH	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enable at 5fc [17]
PIRH1FC3V	Bi-level, motion sensor, 15'-30' mounting height, ambient sensor enabled at 1fc [17]
BL30	Bi-level switched dimming, 30% [16,18]
BL50	Bi-level switched dimming, 50% [16,18]
PNMTDD3	Part night, dim till dawn [19]
PNMT5D3	Part night, dim 5 hrs [19]
PNMT6D3	Part night, dim 6 hrs [19]
PNMT7D3	Part night, dim 7 hrs [19]
FAO	Field Adjustable Output [19]

Other options

Shipped installed

HS	House-side shield [21]
SF	Single fuse (120, 277, 347V) [7]
DF	Double fuse (208, 240, 480V) [7]
L90	Left rotated optics [22]
R90	Right rotated optics [22]
BS	Bird spikes

Finish *(required)*

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) [23]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [23]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [23]
DSHORT SBK U	Shorting cap [23]
DSX2HS 80C U	House-side shield for 80 LED unit [21]
DSX2HS 90C U	House-side shield for 90 LED unit [21]
DSX2HS 100C U	House-side shield for 100 LED unit [21]
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) [24]
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) [10]

For more control options, visit DTL and ROAM online.

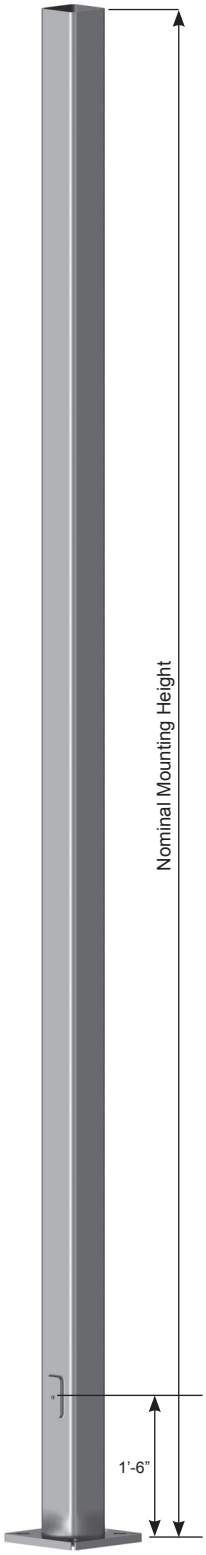
NOTES

1 Rotated optics option (L90 or R90) required for 90C.
2 Not available in AMBPC.
3 Not available with BLC, LCCO or RCCO
4 distributions.
5 Only available with 530mA or 700mA.
6 Not available with 1200mA.
7 Not available with HS.
8 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
9 Not available with BL30, BL50 or PNMT options.
10 Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
11 Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
12 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.
13 If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming.
14 DMG option for 347V or 480V requires 1000mA.
15 Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with DS, PIRH, PER5, PER7, BL30, BL50 or PNMT options. Node without integral dimming.
16 Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with 80C 530, 90C 530, PER, PER5, PER7, DCR, BL30, BL50 or PNMT options.
17 Requires an additional switched circuit.
18 PIRH and PIRH1FC3V specify the SensorSwitch SBGR-6-ODP control; see Outdoor Control Technical Guide for details. Dimming driver standard. Not available with PER5 or PER7. Ambient sensor disabled when ordered with DCR. Separate on/off required
19 Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7 or PNMT options. Not available with PIRH1PFC3V.
20 Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7, BL30 or BL50. Not available with PIRH1FC3V. Separate on/off required.
21 Dimming driver standard. Not available with PER5, PER7, DMG, DCR, DS, BL30, BL50 or PNMT options, PIRH or PIRH1FC3V.
22 Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
23 90 LEDs (90C option) only.
24 Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.
25 For retrofit use only.

valmont STRUCTURES

SOFT SQUARE STEEL DS330
Fatique Resistant

Job Name:	Client Name:
Job Location - City: State:	Created By: Date:
Product: DS330S400W250D1 ---- Quote:	Customer Approval: Date:



Tenon Top*

Pole Cap - Plastic

Cross Section

Handhole

Full Base Cover (Standard)

Dart Square - 2T (Optional)

SPECIFICATIONS

Pole - The pole shaft is fabricated from hot rolled commercial quality carbon steel of one-piece construction with a minimum yield strength of 55,000 psi.

Pole Top - A removable pole cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies. For top mount luminaire and/or bracket consult the factory.

Handhole - A covered handhole and grounding provision with hardware is provided.

Full Base Cover - The two-piece standard full base cover is fabricated from ABS plastic. Optional Dart Square-2T cast and decorative base covers available as special order.

Anchor Base - The anchor base (base plate) conforms to ASTM A36.

Anchor Bolts - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an “L” bend on one end and are galvanized a minimum of 12” on the threaded end.

Hardware - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

Finish - Standard finishes are galvanized, prime painted or any of Valmont’s V-PRO™ Protection Systems. Additional finish options available upon request.

Design Criteria - Please reference Design Criteria Specification for appropriate design conditions.

* Consult factory on loading criteria for pole top mounted luminaires and/or brackets.

VALMONT INDUSTRIES, INC. 28800 IDA STREET, PO BOX 358 - VALLEY, NE 68064 USA 800.825.6668 VALMONTSTRUCTURES.COM

SOFT SQUARE STEEL DS330
Fatique Resistant

valmont STRUCTURES

Job Name: _____ Client Name: _____

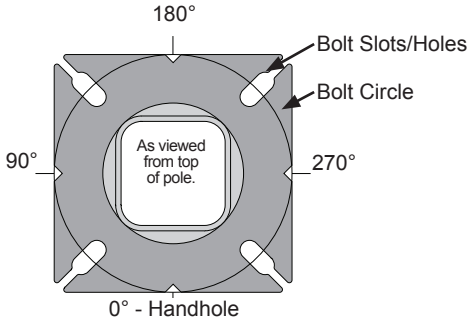
Job Location - City: _____ State: _____ Created By: _____ Date: _____

Product: DS330S400W250D1 ---- Quote: _____ Customer Approval: _____ Date: _____

ANCHORAGE DATA

POLE		BASE PLATE				ANCHOR BOLTS		
POLE BASE SQUARE (IN)	WALL THK (GA)	BOLT CIRCLE DIA (IN)	BOLT CIRCLE ± (IN)	SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
4.00	11	8.50	0.50	8.25	0.750	0.75 x 17.00 x 3.00	3.50	0.25
4.00	7	8.50	0.50	8.25	0.875	0.75 x 17.00 x 3.00	3.63	0.25
5.00	11	11.00	1.00	11.00	1.000	0.75 x 17.00 x 3.00	3.75	0.25
5.00	7	11.00	1.00	11.00	1.000	0.75 x 17.00 x 3.00	3.75	0.25
6.00	7	12.00	1.00	12.50	1.000	1.00 x 36.00 x 4.00	4.25	0.25

Anchor Base Detail



LOAD AND DIMENSIONAL DATA

DESIGN INFORMATION							POLE DIMENSIONS (3)				
	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST						
NOMINAL MOUNTING HEIGHT	MAX EPA[1] (SQ FT)	MAX WEIGHT[1] (LBS)	MAX EPA[1] (SQ FT)	MAX WEIGHT[1] (LBS)	MAX EPA[1] (SQ FT)	MAX WEIGHT[1] (LBS)	BASE SQUARE OD (3) (IN)	TOP SQUARE OD (IN)	WALL THK (GA)	STRUCTURE WEIGHT[2] (LBS)	MODEL NUMBER
10'-0"	30.6	765	23.8	595	18.9	473	4.00	4.00	11	75	S400Q100
12'-0"	24.4	610	18.8	470	14.8	370	4.00	4.00	11	90	S400Q120
14'-0"	19.9	498	15.1	378	11.7	293	4.00	4.00	11	100	S400Q140
16'-0"	15.9	398	11.8	295	8.9	223	4.00	4.00	11	115	S400Q160
18'-0"	12.6	315	9.2	230	6.7	168	4.00	4.00	11	125	S400Q180
20'-0"	9.6	240	6.7	167	4.5	150	4.00	4.00	11	140	S400Q200
	17.7	443	12.7	343	9.4	235	5.00	5.00	11	185	S500Q200
	28.1	703	21.4	535	16.2	405	5.00	5.00	7	265	S500W200
25'-0"	4.8	150	2.6	100	1.0	50	4.00	4.00	11	170	S400Q250
	10.8	270	7.7	188	5.4	135	4.00	4.00	7	245	S400W250
	9.8	245	6.3	157	3.7	150	5.00	5.00	11	225	S500Q250
	18.5	463	13.3	333	9.5	238	5.00	5.00	7	360	S500W250
30'-0"	6.7	168	4.4	110	2.6	65	4.00	4.00	7	291	S400W300
	4.7	150	2.0	50	N/A	N/A	5.00	5.00	11	265	S500Q300
	10.7	267	6.7	167	3.9	100	5.00	5.00	7	380	S500W300
	19.0	475	13.2	330	9.0	225	6.00	6.00	7	520	S600W300
35'-0"	5.9	150	2.5	100	N/A	N/A	5.00	5.00	7	440	S500W350
	12.4	310	7.6	190	4.2	105	6.00	6.00	7	540	S600W350
40'-0"	7.2	180	3.0	75	N/A	N/A	6.00	6.00	7	605	S600W400

1. Maximum EPA (Effective Projected Area) and weight values are based on side mounted fixtures only. Consult factory on loading criteria for pole top mounted luminaires and/or brackets. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
2. Structure weight is a nominal value which includes the pole shaft and base plate only.
3. Belled-bottom will have reduced thickness due to the cold-working process. However, the belled-bottom meets or exceeds the structural capacity of the original square section. In addition, the rounded section provides better fatigue resistance.

PRODUCT ORDERING CODES

DESIGN SERIES	MODEL NUMBER	FIXTURE MOUNTING	FINISH	COLOR	V-PRO™ PROTECTION SYSTEM	OPTIONS
DS330	S400W250	D1		--	--	
	S400Q100 S400Q120 S400Q140 S400Q160 S400Q180 S400Q200 S500Q200 S500W200 S400Q250 S400W250 S500Q250 S500W250 S400W300 S500Q300 S500W300 S600W300 S500W350 S600W350 S600W400	**Drill Mounting** D1 = 1 Luminaire D2 = 2 @ 180° D4 = 4 @ 90° D5 = 2 @ 90° D6 = 3 @ 90° **Tenon Mounting** P2 = 2.38" OD x 4.00" P4 = 4.00" OD x 6.00"	GV = Galvanize PP = Prime Paint FP = Finish Paint GF = Galvanized + Finish Paint	-- = Galvanize -- = Prime Paint WH = White ST = Sandstone BK = Black SM = Silver Metallic SL = Silver LG = Light Gray SG = Slate Gray DT = Dark Tan MB = Medium Bronze CB = Bronze DB = Dark Bronze BN = Brown HG = Hunter Green DG = Dark Green RD = Red SC = Special Color (Contact Factory)	-- = Galvanize -- = Prime Paint V1 = V-PRO 1 Basic 1 Coat Powder. V2 = V-PRO 2 2 Coat Powder or Liquid. Includes epoxy primer & top coat. V3 = V-PRO 3 2 Coat Powder or Liquid. Includes zinc primer & top coat. V4 = V-PRO 4 2 Coat Powder or Liquid. Includes zinc primer & premium top coat.	See Accessories at valmontstructures.com (Please Specify)

SPC7207 03/14 valmontstructures.com carries the most current spec information and supersedes these guidelines.