

June 13, 2012

City of Madison Urban Design Commission 215 Martin Luther King Jr. Blvd.- Room LL-100 P.O. Box 2985 Madison, Wisconsin 53701-2985

RE: Urban Design Submission
Animal Health Center, Henry Vilas Zoo

To Urban Design Commission Members:

The following along with the attachments indicated is an overview of the proposed Animal Health Center at the Henry Vilas Zoo located at 702 South Randall Avenue in the City of Madison, and a request for final Urban Design Commission approval of the project.

Design Team:

The building design team specializes in zoological projects:

WDM Architects- Wichita, Kansas (architecture and landscape architecture)

MKEC- Wichita, Kansas (structural engineering)

Alvine Engineering- Omaha, Nebraska (mep engineering)

Site utility work by:

MSA Professional Services- Madison, Wisconsin

Project Description:

The project site is at the southeast corner of the zoo; in front of the existing maintenance building. Most of the area is currently covered with natural growth. The only structures on the site are old stone walls previously used as containment for animal yards. The disturbed site area is 21,600sf. No new parking is proposed.

The new Animal Heath Center at the Henry Vilas Zoo is a 5,900sf facility that will assist the staff in providing the highest level of veterinary care for the animal collection. The building includes; animal holding areas, office area, hospital (treatment, radiology, surgery) and an education area. Its location near the edge of the zoo is ideal for receiving new animals from other institutions and separating animals as necessary from the rest of the collection.

Design and materials:

The building is designed to tie into the immediate context of the zoo as well as other park and residential structures in the vicinity. It provides a new face of the zoo at the southeast corner.

<u>Roofing:</u> standing seam metal roof – gray w/ green tint. The color has been selected to tie into the asphalt shingles on other recent buildings at the zoo while meeting the requirements of a "cool roof" as part of the zoos sustainability initiatives.

Siding and trim: wood lap siding painted to maintain a natural brown color.

<u>Masonry:</u> Stone base similar to other recent projects at the zoo (carousel, flamingos) capped with a burnished block of similar color and contrasting dark brown brick piers around the areas primarily visible to the public. A burnished block base around the areas that are less visible or facing service areas will be of a similar color to the stone.

<u>EIFS:</u> The upper portions of the back and sides of the building less visible to the public will be an eifs system in a lighter shade of the siding color. These areas will be largely screened by landscaping.

Elevations of the building with material indications and a street view as the public will be able to view the new Animal Health Center from the southeast are included with this submittal.

Sincerely,

Scott Ramser, AIA

WDM Architects

Attachments:

Application

Cover	title sheet, index, location, zoo context
SA0.1	existing site
SA0.2	grading plan
SA0.3	landscaping plan
A0.1	floor plan
A0.2	building elevations
A0.3	building elevations
A0.4	perspective view
A0.5	perspective view
E0.1	site lighting plan
E0.2	fixture cut sheets

APPLICATION FOR URBAN DESIGN COMMISSION REVIEW AND APPROVAL DATE SUBMITTED: 6/12/2012

AGENDA	ITEM#	
Project #_		
Legistar #		

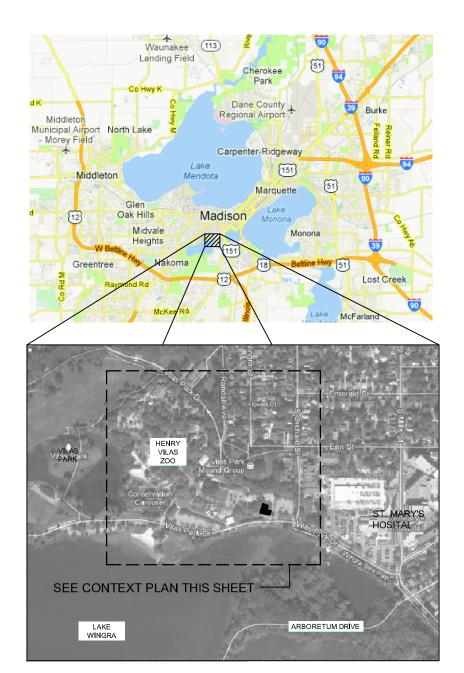
DATE SUBMITTED: 6/13/2012 UDC MEETING DATE: 6/20/20/2 Action Requested Informational Presentation Initial Approval and/or Recommendation Final Approval and/or Recommendation	
ALDERMANIC DISTRICT: /3 OWNER/DEVELOPER (Partners and/or Principals) ARCHITECT/DESIGNER/OR AGENT: CITY OF MADISAL PARKS WOM ARCHITETS HENRY VIAS 200 105 N WASHINGTON WILHITH, KS 67202 CONTACT PERSON: ROWA SCHWETZ Address: 702 SOUTH RANDAW AVE MADISAN, WI 53715 Phone: (608) 26644732 Fax: (609) 266-5723 E-mail address: Schwetz & County of dane.com TYPE OF PROJECT: (See Section A for:) Planned Unit Development (PUD) General Development Plan (GDP) Specific Implementation Plan (SIP) Planned Community Development (PCD) General Development Plan (GDP) Specific Implementation Plan (SIP) Planned Residential Development (PRD) New Construction or Exterior Remodeling in an Urban Design District * (A public hearing is requived) New Construction or Addition to or Remodeling of a Retail, Hotel or Motel Building Exceeding 40 Sq. Ft. Planned Commercial Site	
(See Section B for:) New Construction or Exterior Remodeling in C4 District (Fee required) (See Section C for:) R.P.S.M. Parking Variance (Fee required) (See Section D for:) Comprehensive Design Review* (Fee required) Street Graphics Variance* (Fee required) Other *Public Hearing Required (Submission Deadline 3 Weeks in Advance of Meeting Date)	

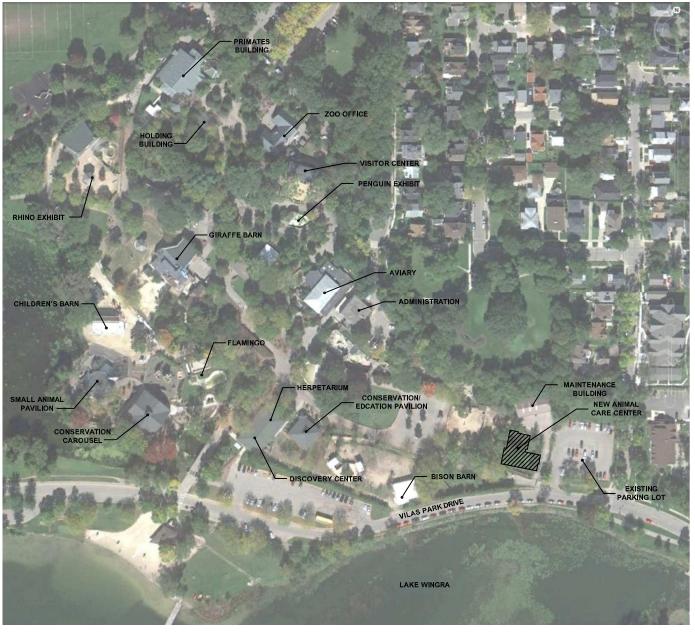
Where fees are required (as noted above) they apply with the first submittal for either initial or final approval of

a project.

ANIMAL HEALTH CENTER

HENRY VILAS ZOO - MADISON, WISCONSIN









sheet index: COVER

COVER	SHEET INDEX CONTEXT PLAN LOCATION MAP
SA0.1	CONTEXT PLAN
SA0.2	SITE PLAN
	GRADING PLAN
SA0.3	LANDSCAPE PLAN
A0.1	FLOOR PLAN
A0.2	BUILDING ELEVATIONS
A0.3	BUILDING ELEVATIONS
A0.4	PERSPECTIVE VIEW
A0.5	PERSPECTIVE VIEW
E0.1	SITE LIGHTING PLAN
E0.2	FIXTURE CUT SHEETS



WDM Architects P.A. 105 North Washington Wichita, KS 67202-2815 T 316.262.4700 F 316.262.0002 wdmarchitects.com





Zoo Center

Henry Vilas Animal Health

architect / landscape architect



WDM Architects P.A. 105 North Washington Wichita, KS 67202-2815 T 316 262 4700

mechanical / electrical / plumbing engineer



structural engineer



civil engineer



DEVELOPMENT . ENVIRONMENTAL 2901 International Lanc Madison, WI 53704 608-242-7779 1-800-446-0679 Fax: 608-242-5664 12014

Sheet Index Project Narrative

PRINTS ISSUED



















10





PRINTS ISSUED City Submittal - 6/4/2012



WDM No. 12014 Context Plan

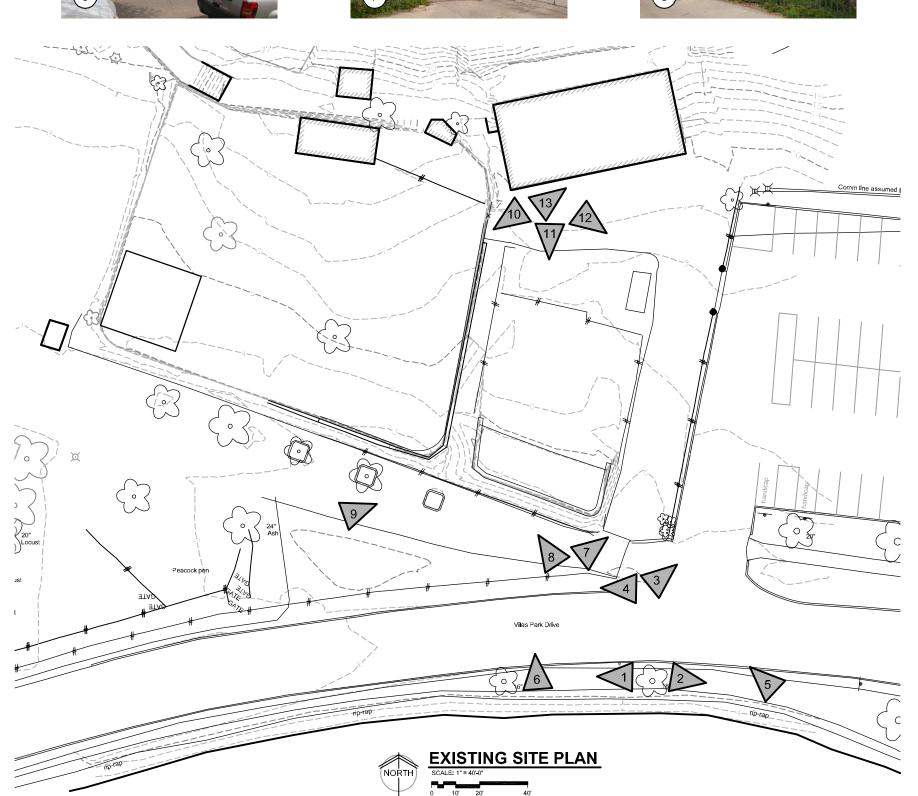
SA0.1

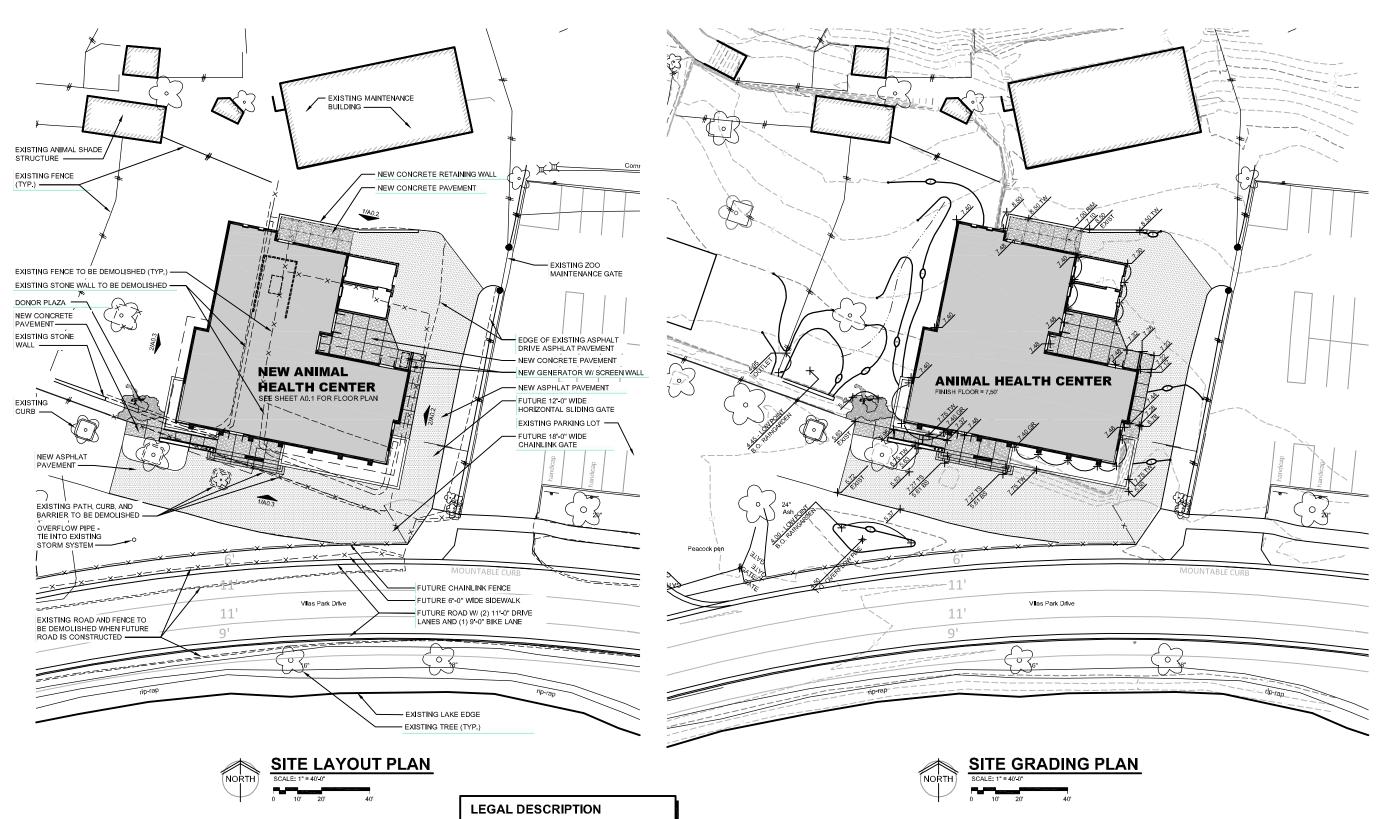














we do more



Henry Vilas Zoo Animal Health Center

PRINTS ISSUED

WDM No. drawn: DJ 12014 checked: SR

Site Plan

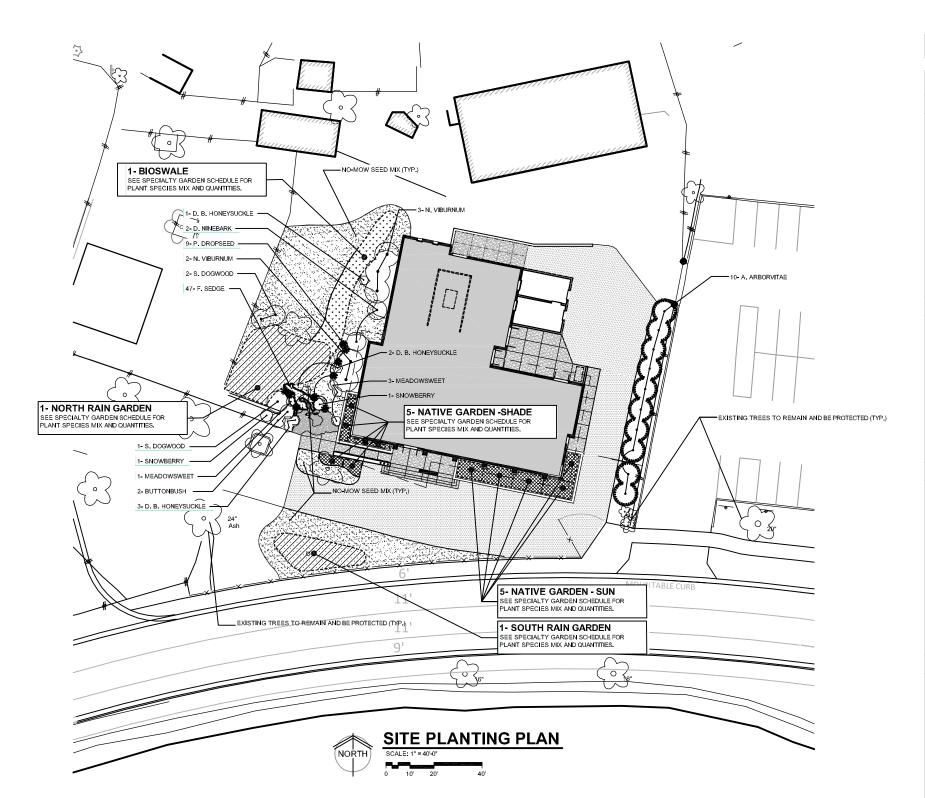
Grading Plan

SA0.2

ZONING INFORMATION

ALL LAND IN SECTIONS 22 & 27, T7N R9E, USED FOR VILAS PARK AND ZOO INCLUDING: WINGRA PARK, LOTS 7 THRU 12, BLK 22: LOTS 6 THRU 12, BLK 23: AND ALL OF BLKS 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39 & 40, EXC THAT PART DESC AS FOL: BEG SELY COR OF LOT 1 BLOCK 22 OF WINGRA PARK, TH S 45 DEG 01 MIN 52 SEC E ALG SMLY ROW OF GRANT ST EXTENDED 10 FT, TH S 45 DEG W 88 FT, TH S 55 DEG 52 MIN 01 SEC W 53,04 FT TO SMLY COR OF SD LOT 2, TH N 45 DEG E ALG SELY LN OF LOTS 1 & 2 120,09 FT TO POB.

ZONED C- CONSERVANCY



GRASS SEEDING SCHEDULE

QNTY.	COMMON NAME	BOTANICAL NAME	MIX %
0.8 AC	NO-MOW SEED MIX		1
	COVER CROP - ANNUAL GRASS		
	GULF ANNUAL RYEGRASS	Lolium multiflorum	10 LBS.
	GRASS MIX		
	JAMESTOWN IV CHEWINGS FESCUE	Festuca commutata	10 LBS.
	SHEEP FESCUE	Festuca ovina	3 LBS.
	AURORA HARD FESCUE	Festuca brevipila (F. longifolia)	Ī .
	RHINO HARD FESCUE	Festuca brevipila (F. longifolia)	Ī
	SEABREEZE SLENDER CREEPING RED FESCUE	Festuca rubra	1
	CROSSBOW CREEPING RED FESCUE	Festuca rubra subsp. rubra	1

PRAIRIE NURSERY, INC.; P.O. BOX 306; WESTFIELD, WI 53964 (1-800-476-9453)

Œ	CBUB.	BY:	
	\perp		

PLANT SCHEDULE

QNTY.	COMMON NAME	BOTANICAL NAME	MATURE SIZE	SIZE	COND.	REMARKS
	EVERGREEN TREES					
10	AMERICAN ARBORVITAE	Thuja occidentallis	20'-10'	8'-0" H	CONT.	
	SHRUBS					
2	BUTTONBUSH	Cephalenthus occidentallis	6'W-6'H	5 GAL.	CONT.	
2	SNOWBERRY	Symphoricarpus albus	5'W-4'H	5 GAL.	CONT.	
3	SILKY DOGWOOD	Cornus amomum	8'W-8'H	10 GAL.	CONT.	
4	MEADOWSWEET	Spirea alba	4'W-4'H	3 GAL.	CONT.	
6	DWARF BUSHHONEYSUCKLE	Diervilla Ionicera	4'W-3'H	3 GAL.	CONT.	
2	DWARF NINEBARK	Physocarpus opufolius var. intermedius	7°W-7°H	10 GAL.	CONT.	
5	NANNYBERRY VIBURNUM	Viburnum lantago	12°W-10°H	10 GAL.	CONT.	
	GRASSES					
9	PRAIRIE DROPSEED	Cephalenthus occidentallis	3'W-4'H	3" POT	CONT.	Ī
47	FOX SEDGE	Carex vulpinoidea	2'W-2'H	3" POT	CONT.	
	1	1				

SECIALTY GARDEN SCHEDULE

QNTY.	COMMON NAME	BOTANICAL NAME	MATURE HEIGHT	SIZE		REMARKS
SOUT	H RAIN GARDEN	NOTE: RAIN GARDEN IS CUSTOM DESI (1-800-476-9453) - LAYOUT AND I	GNED BY PRAIF NSTALL PLANT	rie nursei S per sui	RY, INC.; I PPLIERS IN	P.O. BOX 306; WESTFIELD, WI 53964 ISTRUCTIONS
128	SEDGES FOX SEDGE	Carex vulpinoidea	1'-3'	3" POT	CONT.	
		Carax valpinolada		0 101	00111.	
12	FORBS NODDING PINK ONION	Allium cernuum	1'-2'	3" POT	CONT.	
8	red Milkweed	Asclepias incarnata	3'-5'	3" POT	CONT.	
10 12	CROOKED STEM ASTER WHITE TURTLEHEAD	Aster prenanthoides Chelone glabra	1'-3' 2'-4'	3" POT 3" POT	CONT.	
8	MISTFLOWER	Eupatorium coelestinum	1'-3'	3" POT	CONT.	
12	BONESET	Eupatorium perfoliatum	3'-4'	3" POT	CONT.	
12 16	BOTTLE GENTIAN WILD IRIS	Gentiana andrewsii Iris shrevei	1'-2' 2'-3'	3" POT 3" POT	CONT.	
18	PRAIRIE BLAZINGSTAR	Allium cernuum	3'-5'	3" POT	CONT.	
12 12	GREAT BLUE LOBELIA	Lobelia siphilica	1'-4' 2'-4'	3" POT	CONT.	
10	MARSH PHLOX OHIO GOLDENOD	Phlox glaberrima Solidago ohioensis	3'-4'	3" POT 3" POT	CONT.	
6	STEEPLEBUSH	Spirea tomentosa	2'-3'	3" POT	CONT.	
12 12	CULVER'S ROOT GOLDEN ALEXANDERES	Veronicastrum virginicum Zizea aurea	3'-5' 1'-2'	3" POT 3" POT	CONT.	
	OCCUPATION ACCUMENTS					
NORT	H RAIN GARDEN	NOTE: RAIN GARDEN IS CUSTOM DESI (1-800-476-9453) - LAYOUT AND I	GNED BY PRAIF NSTALL PLANT	rie nurse S per sui	RY, INC.; I PPLIERS IN	P.O. BOX 306; WESTFIELD, WI 53964 ISTRUCTIONS
320	SEDGES FOX SEDGE	Carex vulpinoidea	1'-3'	3" POT	CONT.	-
48	FORBS NODDING PINK ONION	Allium cernuum	1'-2'	3" POT	CONT.	
32	CROOKED STEM ASTER	Aster prenanthoides	1'-3'	3" POT	CONT.	
32	WHITE TURTLEHEAD	Chelone glabra	2'-4'	3" POT	CONT.	
32 48	MISTFLOWER PURPLE CONEFLOWER	Eupatorium coelestinum Echinacea coelestinum	1'-3' 3'-4'	3" POT 3" POT	CONT.	
48	BOTTLE GENTIAN	Gentiana andrewsii	1'-2'	3" POT	CONT.	
32	WILD IRIS	Iris shrevei	2'-3'	3" POT	CONT.	
32 32	GREAT BLUE LOBELIA MARSH PHLOX	Lobelia siphilica Phlax glaberrima	1'-4' 2'-4'	3" POT 3" POT	CONT.	
48	CULVER'S ROOT	Veronicastrum virginicum	3'-5'	3" POT	CONT.	
48	GOLDEN ALEXANDERES	Zizea aurea	1'-2'	3° POT	CONT.	
BIOSV	VALE	NOTE: BIOSWALE IS CUSTOM DESIGNED	BY PRAIRIE	NURSERY,	INC.; P.O.	BOX 306; WESTFIELD, WI 53964
	SEDGES	(1-800-476-9453) - LAYOUT AND I	NSTALL PLANT	S PER SUI	PLIERS IN	SIRUCTIONS
128	FOX SEDGE	Carex vulpinoidea	1'-3'	3" POT	CONT.	
96	BICKNELL'S SEDGE	Carex bicknellli	1'-3'	3" POT	CONT.	
	<u>FORBS</u>		†			
32	LAVENDER HYSSOP	Agastache foeniculum	1'-3'	3" POT	CONT.	
32 16	NODDING PINK ONION SMOOTH ASTER	Allium cernuum Aster laevis	1'-2' 2'-4'	3" POT 3" POT	CONT.	
16	CROOKED STEM ASTER	Aster prenanthoides	1'-3'	3" POT	CONT.	
32	SHOOTINGSTAR	Dodecatheon coelestinum	1'-2'	3" POT	CONT.	
32 48	MISTFLOWER PURPLE CONEFLOWER	Eupatorium coelestinum Echinacea coelestinum	1'-3' 3'-4'	3" POT 3" POT	CONT.	
16	BOTTLE GENTIAN	Gentiana andrewsii	1'-2'	3" POT	CONT.	
32 32	WILD GERANIUM	Geranium maculatum	1'-2' 1'-4'	3" POT 3" POT	CONT.	
32	GREAT BLUE LOBELIA OHIO SPIDERWORT	Lobelia siphilica Tradescantia ohiensis	2'-4'	3" POT	CONT.	
16	CULVER'S ROOT	Veronicastrum virginicum	3'-5'	3" POT	CONT.	
32	GOLDEN ALEXANDERES	Zizea aurea	1'-2'	3" POT	CONT.	
NATIV	Æ GARDEN – SUN	NOTE: BASIS-OF-DESIGN "50 PLANT WESTFIELD, WI 53964 (1-800-476-9	LOW GROWING 453) — LAYOU	GARDEN" T AND INS	BY PRAIRII TALL PLAN	E NURSERY, INC.; P.O. BOX 306; NTS PER SUPPLIERS INSTRUCTIONS
15	SEDGE/GRASSES PRAIRIE DROPSEED	Sporobolus heterolepis	2'-4'	3" POT	CONT.	
==	WILDFLOWERS/FORBS					
	·					
3	NODDING PINK ONION	Allium cernuum	1'-2'	3" POT	CONT.	
3	HEATH ASTER CROOKED STEM ASTER	Aster ericoides Aster prenanthoides	1'-3' 1'-3'	3" POT 3" POT	CONT.	
3	PURPLE PRAIRIE CLOVER	Dalea purpurea	1'-2'	3" POT	CONT.	
2	MISTFLOWER PRAIRIE SMOKE	Eupatorium coelestinum Geum triflorum	1'-3' 6"	3" POT 3" POT	CONT.	
3	BROAD-LEAVED PENSTEMON	Penstemon ovatus	1'-3'	3" POT	CONT.	
2	DOWNY PHLOX	Phiox pilosa	1'-2'	3" POT	CONT.	
3	COLUMBINE PRAIRIE BLUE-EYED GRASS	Aquilegia canadensis Sisyrinchium campestre	1'-3' 6"-1'	3" POT 3" POT	CONT.	
3	SHOWY GOLDENROD	Solidago speciosa	1'-3'	3" POT	CONT.	
1	WESTERN SPIDERWORT	Tradescantia occidentallis	1'	3" POT	CONT.	
NATIV	Æ GARDEN – SHADE	NOTE: BASIS-OF-DESIGN *25 PLANT WESTFIELD, WI 53964 (1-800-476-9	WOODLAND SH	ADE GARD	EN" BY PE	RAIRIE NURSERY, INC.; P.O. BOX 306;
	SEDGE/GRASSES					
5 2	PALM SEDGE NORTHERN SEA OATS	Carex muskingumensis Chasmanthium latifolium	2'-3' 3'-4'	3" POT 3" POT	CONT.	
		STRUCTURE INCOME	J - 7		- JUN 1.	
1	WILDFLOWERS/FORBS COLUMBINE	Aquilegia canadensis	1'-3'	3" POT	CONT.	
2	JACK IN THE PULPIT	Aquilegia canadensis Arisaema triphyllum	1'-2'	3" POT	CONT.	
	WHITE WOODLAND ASTER	Aster divaricatus	2'-4'	3" POT	CONT.	
2	CALICO ASTER	Aster lateriflorus Dicentra eximia	2'-3' 1'-2'	3" POT 3" POT	CONT.	
2	WILD BLEEDING HEART					
	WILD BLEEDING HEART MAPLE LEAVED ALUM ROOT	Heuchera villosa var. Atropurpurea	1'-3'	3" POT	CONT.	
2 2 1 2	MAPLE LEAVED ALUM ROOT VIRGINIA BLUEBELLS	Mertensia virginica	1'-2'	3" POT	CONT.	
2 2 1	MAPLE LEAVED ALUM ROOT VIRGINIA BLUEBELLS WLD BLUE PHLOX	Mertensia virginica Phlox divaricata		3" POT 3" POT	CONT.	
2 2 1 2	MAPLE LEAVED ALUM ROOT VIRGINIA BLUEBELLS	Mertensia virginica	1'-2' 1'-2'	3" POT	CONT.	



WDM Architects P.A. 105 North Washington Wichita, KS 67202-2815 T 316.262.4700 F 316.262.0002 wdmarchitects.com



Henry Vilas Zoo Animal Health Center

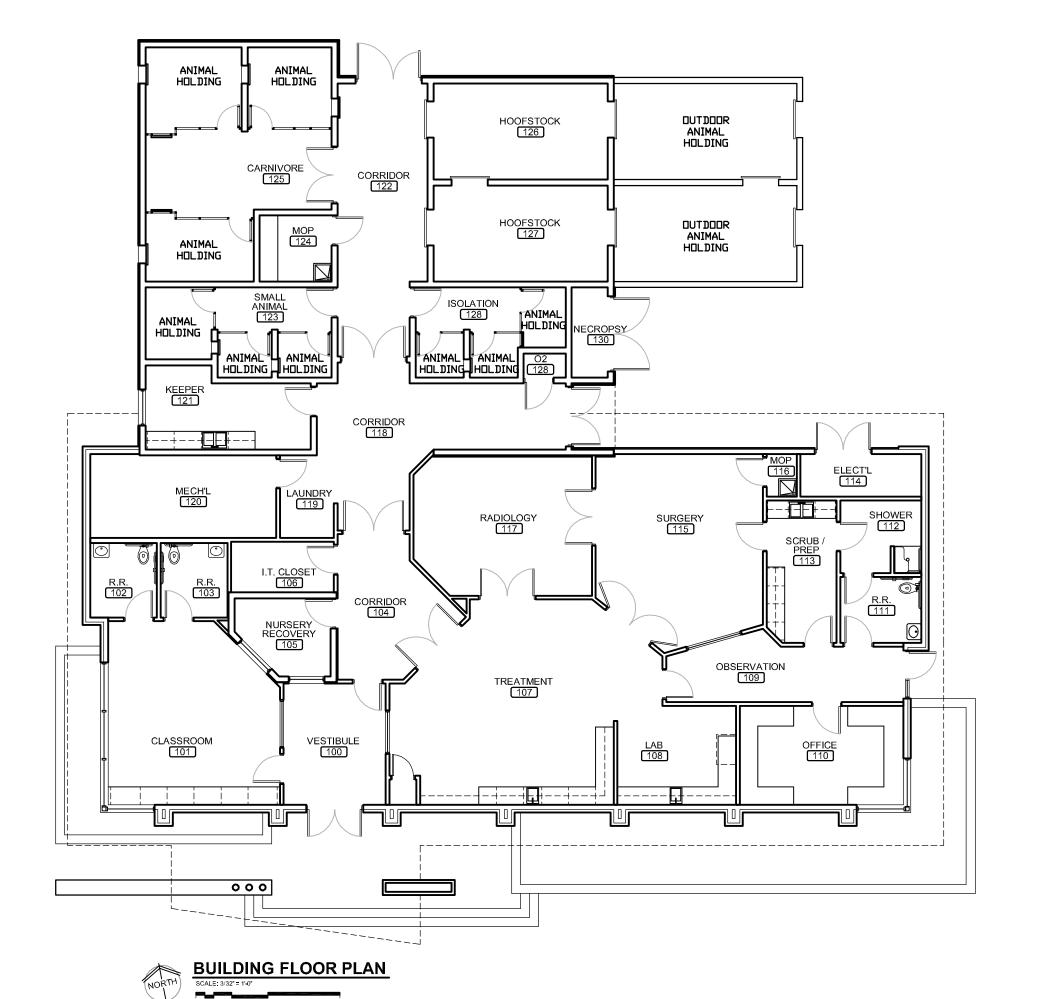
PRINTS ISSUED City Submittal - 6/4/2012

WDM No. 12014

checked: SR

Planting Plan

SA0.3





we do more



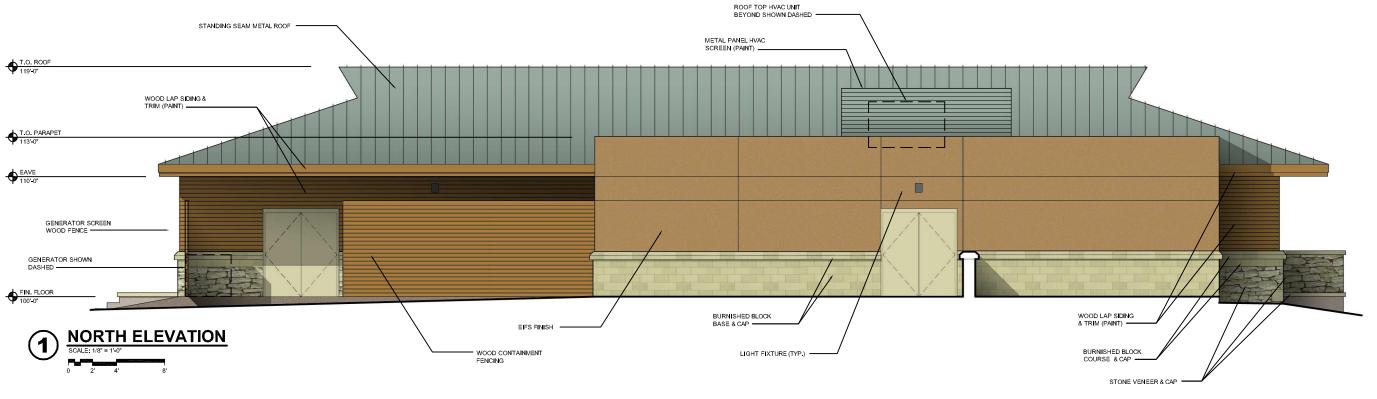
Henry Vilas Zoo Animal Health Center

PRINTS ISSUED City Submittal - 6/4/2012

WDM No. drawn: DJ
12014 checked: SR

Building Elevations

A0.1



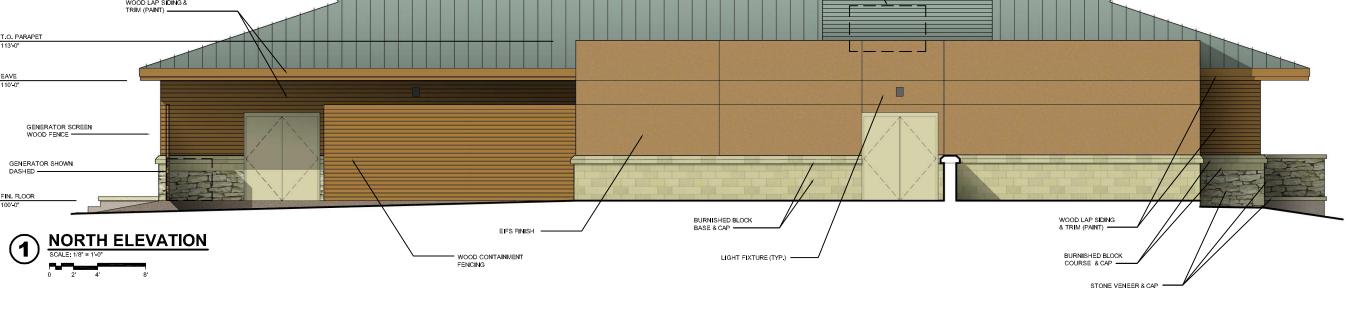


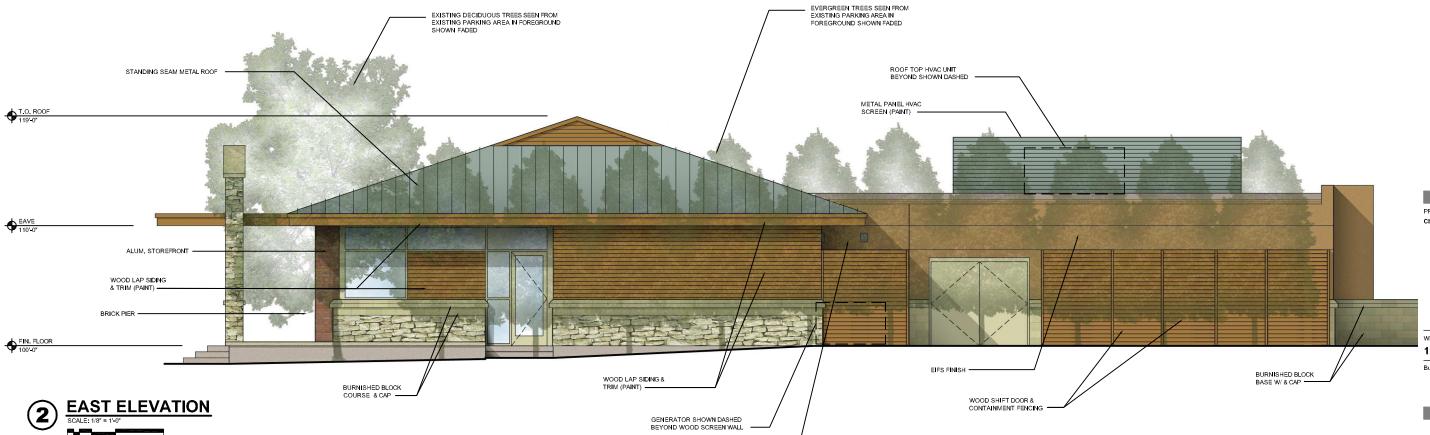
we do more



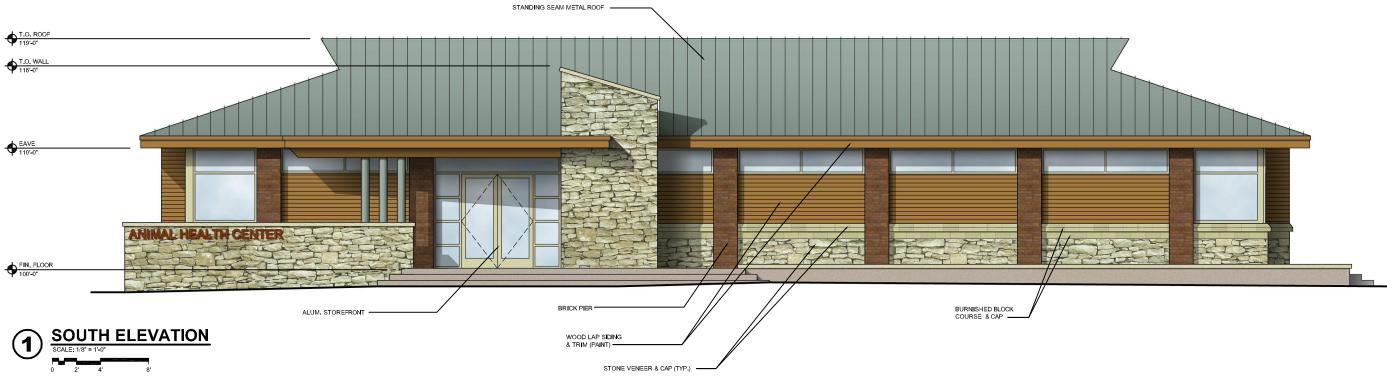
WDM No. drawn: DJ 12014 checked: SR

Building Elevations





LIGHT FIXTURE (TYP.)







henry vilas

PRINTS ISSUED City Submittal - 6/4/2012

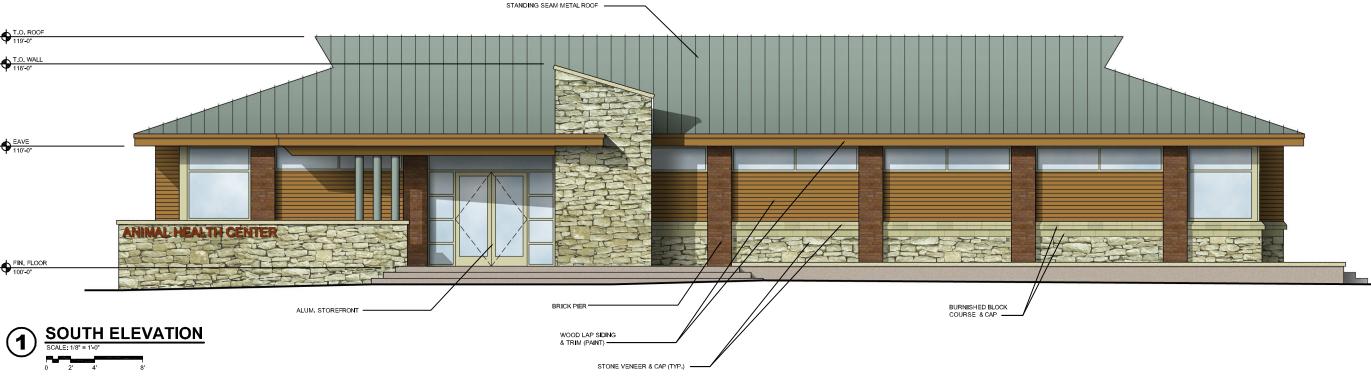
STONE VENEER & CAP (TYP.) -

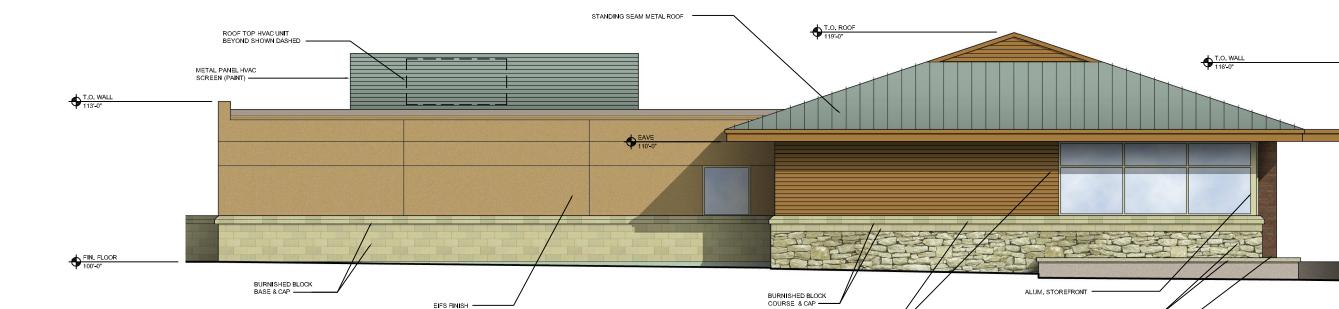
BRICK PIER -

WDM No. drawn: DJ 12014 checked: SR

Building Elevations

A0.3





WOOD LAP SIDING & TRIM (PAINT)

EIFS FINISH

WEST ELEVATION
SCALE: 1/8" = 1'-0"



STREET VIEW OF NEW BUILDING NOT TO SCALE



WDM Architects P.A. 105 North Washington Wichita, KS 67202-2815 T 316.262.4700 F 316.262.0002 wdmarchitects.com



Henry Vilas Zoo Animal Health Center

PRINTS ISSUED
City Submittal - 6/4/2012

WDM No. 12014

Perspective View

A0.4



ZOO VIEW OF NEW BUILDING NOT TO SCALE



WDM Architects P.A. 105 North Washington Wichita, KS 67202-2815 T 316.262.4700 F 316.262.0002 wdmarchitects.com



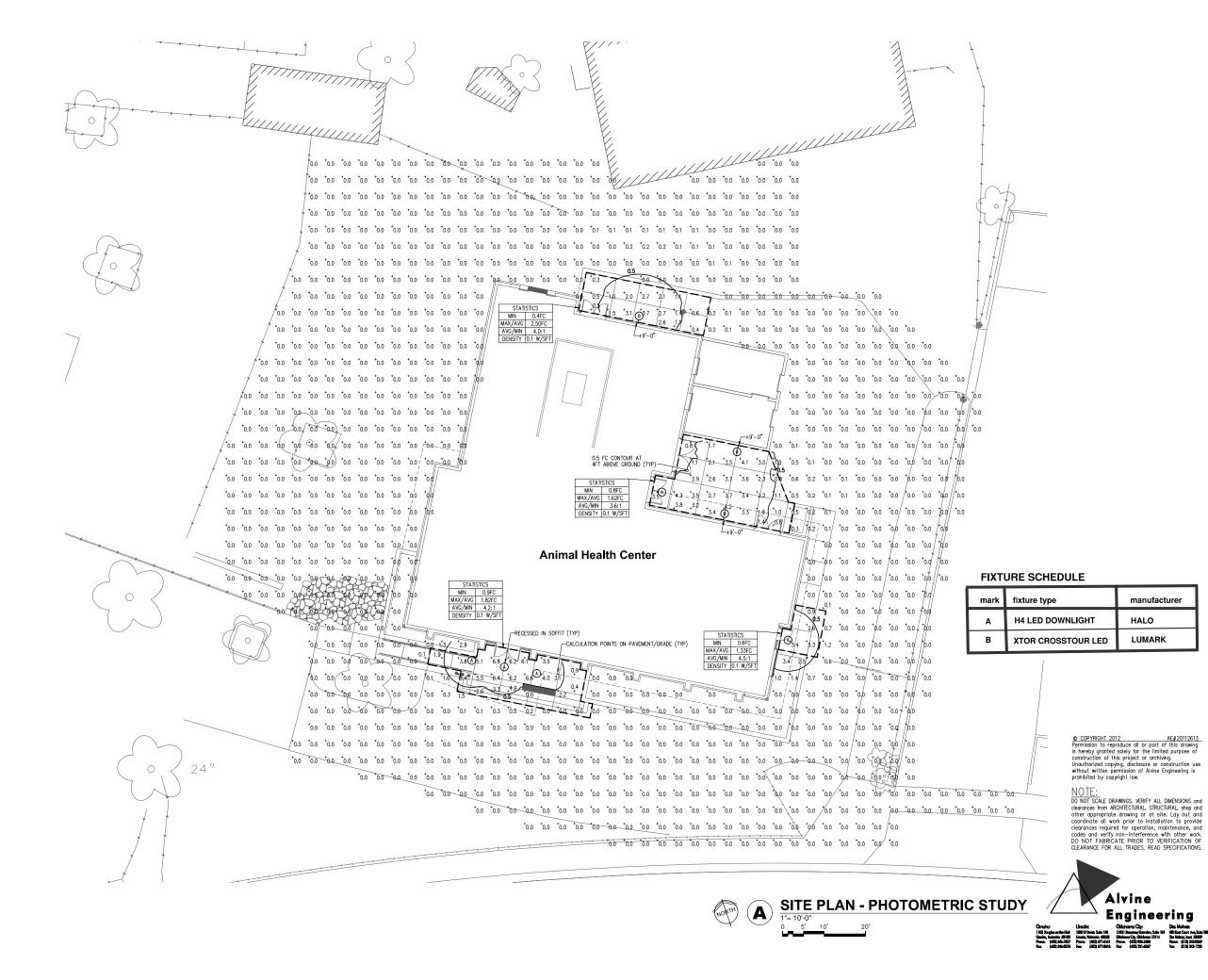
Henry Vilas Zoo Animal Health Center

PRINTS ISSUED
City Submittal - 6/4/2012

12014

Perspective View

A0.5



PROGRESS PRINT

NOT FOR CONSTRUCTION



WDM Architects P.A. 105 North Washington Wichita, KS 67202-2815 T 316.262.4700 F 316.262.0002



Henry Vilas Zoo Animal Health Center

PRINTS ISSUED

WDM No. drawn: JRA 12014 checked: GAN SITE PLAN - PHOTOMETRIC STUDY

E0.1

Cusomer First Center 1121 Highway 74 South Petchiree Cky, GA 30269 770,486,4860 FAX 770,486,4800 Copper lighting sold.

COOPER Lighting

Date

HALO°

ADV111395 March 30, 2012 9:07 AM



ORDERING INFORMATION SAMPLE NUMBER: XTDR2A-N-WT-PC

5.

DIMENSIONS

DESCRIPTION
The patter parding Lumark Crosstour. EDIVal Pack Series of luminaries provides an exchitectural style with super bright, non-training provides and provides and provides and provides and pattern and universal back box, stainless steel hardware alony privin a sealed and gasketed optical comparment make the Crosstour Importious to sontaminants. The Crosstour wall luminaries is deal for valiflouries, invented mount for 'apode/sensory illumination, post/bollard and low lu-pathway illumination induding staffs. Typical applications include pathway illumination induding staffs. Typical applications include bailding entrances, multi-sus fasilities, spartnern baildings, institution saledway and provides and provides and provides and provides and saledway alternative on its fasilities, spartnern baildings, institution saledway alternative on its fasilities.

specification and the second process of the



meintain greater then 70% of initial light suspiri shar 50,000 hours of operation. There (3) half-mon laPT threaded conduit entry points allow for thru-branch wrining. Seb. 5 sie au utilizated elestic ad wiring compartment, intig allow compartment, intig allow some compartment, intig allow septiments surge protection. 10W, 150V 53/60 Hz., 20W and 33W, 120,277V, 50,60Hz.





LUMARK®

В

Date

WALL / SURFACE MOUNT POST / BOLLAFD MOUNT LOW LEVEL MOUNT INVERTED MOUNT

SustainabL&Design

DESIGNLIGHTS

ECHNICAL DATA

Date: 30 May 2012

Title: Fixture Type B Photometric Report

For: HVZ Animal Health Center

By: Alvine Engineering

STOCK ORDERING INFORMATION

10W Series	20W Series	30W Saries
XTOR1A = 16W, 5000K, Carkon Bronzo	XTOR2A = 20W, 9000K. Carbon Bronze	KTOF3A = 30W, 5000K, Carbon Erosze
XTORIA-WT= 10W, 5000K, Summit White	XTOR2A-N = 20W, 3500K, Carbon Brosse	XYOF3A-N = 30W, 3500K, Carson Bronce
XTOR1A-PC1 = 10W, 5001K, 126V PC, Carbon Bronze	XTOR2A-WT = 20W, Summit White	XTOF3A-WT = 30W, Summit White
	XTOR2A-PC1 = 2UW, 120V PC, Carbon Brenze	XTOFA3A-PC1 = 30W, 120V PC, Carbon Bionte



5-DAY QUICK SHIP ORDERING INFORMATION

10W Series	20W Series	30W Series
KTORIA-WT-PG1 = 10W, 5000K, Burninit White,120V PC	XTGE2A-PG2 - 26W, G000K, 208-277V PG, Carbon Gronce	XTOR9A-PC2= 30W, 6000K, 208-217V PC, Carton Brenze
	XTOR2A-WT-PC1 = 20W, 5000K, Summit White, 120V PC	XT0R3A-WT-PC1 = 30W, 5000K, Summit White, 120V PC
	XTOR2A-WT PC2 = 20W, 9000K, Summit White, 208 277V PC	XTOR2A -WT-PC2 = 20W, 5000K, Summit White, 205-277V PC
	X IOF2A-N-WT = 20W, 3508K, Summit White	XTOR3A-N-WT = 30W, 3500K, Summit White
	XTOR2A-N-PC1 = 20W, 3530K, 120V PC, Carbon Branse	XT0R3A - N - PC1 = 30W, 3508K, 126V PC, Carbon Bronze
	XTOR2A-N-PG2 - 26W, 3540K, 208-277V PC, Carbon Bronze	XTOR3A - N - PC2= SOW, 3500K, 209-277V PC, Carbon Bronze
	XTOE2A-N-WT-PCI= 20W, 3500K, Summit White, 120V PC	XT0R3A-N-WT-PC1=30W,3500K, Summit White, 120V FC
	XTOR2A-N-WT -PC2= 20W, 3500K, Summit White, 208-277V PC	TTOR94-N-WT-PC2 = 30W 3580K Summit White 238-277V PC

LUMENS - CR	/ CCT TAB	LC	

D Information	XTOR1A	XTOR2A	XTOR2A/N	XTORSA	XTORSA-N
livered Lumers	719	1361	947	2243	1600
T (Kelvin)	5000	5000	3500	5000	3500
lor Randering dex (CRI	63	67	88	69	84

CURRENT DRAW | XTORIA | XTORIA | KTORIA | 120\(\) 12\(\) 02\(\) 02\(\) 02\(\) 03\(\) 02\(\) 02\(\) 03\(\)

COOPER Lighting

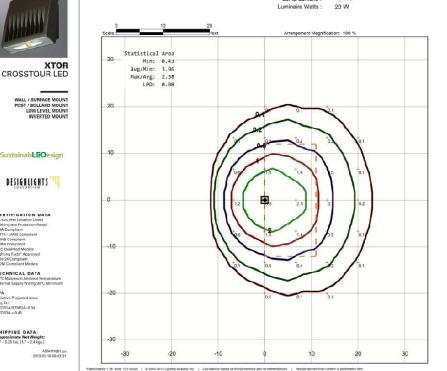
COOPER Lighting

Luminaire

IES Filename : XTOR2A-N.ies

Description: XTOR2A-N LUMARK CROSSTOUR LED WALL PACK - 20W-SSORK

Light Loss Factor: 1.00 Number of Lamps: 1 Lamp Lumens :





WDM Architects P.A. 105 North Washington Wichita, KS 67202-2815 T 316.262.4700 F 316.262.0002 wdmarchitects.com

we do more



Henry Vilas Zoo Animal Health Center

PRINTS ISSUED 5/30/2012

NOTE:
DD NOT SCALE DRAWINGS, VERIFY ALL DIMENSIONS and claronnees from ARCHITECTURAL, STRUCTURAL, shop and other coppropriete drawing or at site. Lay out and coordinate all work prior to instalation to provide clearences required for operation, maintenance, and codes and verify non-nierference with other work. DO NOT FARRICALE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.



WDM No. drawn: JRA 12014 checked: GAN FIXTURE CUT SHEETS

E0.2

© copyright 2012 WIDM Architects P.A.