



N.E.S. Inc.
619 N. Cascade Avenue, Suite 200
Colorado Springs, CO 80903

Tel. 719.471.0073
Fax 719.471.0267

www.nescolorado.com

© 2012. All Rights Reserved.

PLANNER / LANDSCAPE ARCHITECT

IN ASSOCIATION WITH

VENTURE ON VENETUCCI

MULTI-FAMILY

VENETUCCI BLVD

OTHER INFO

PROJECT INFO
DATE: 11/05/2024
PROJECT MGR: PROJECT MGR
PREPARED BY: PREPARED BY

STAMP

ENTITLEMENT

ISSUE INFO

DATE: BY: DESCRIPTION:
ISSUE.1 BY DESCRIPTION

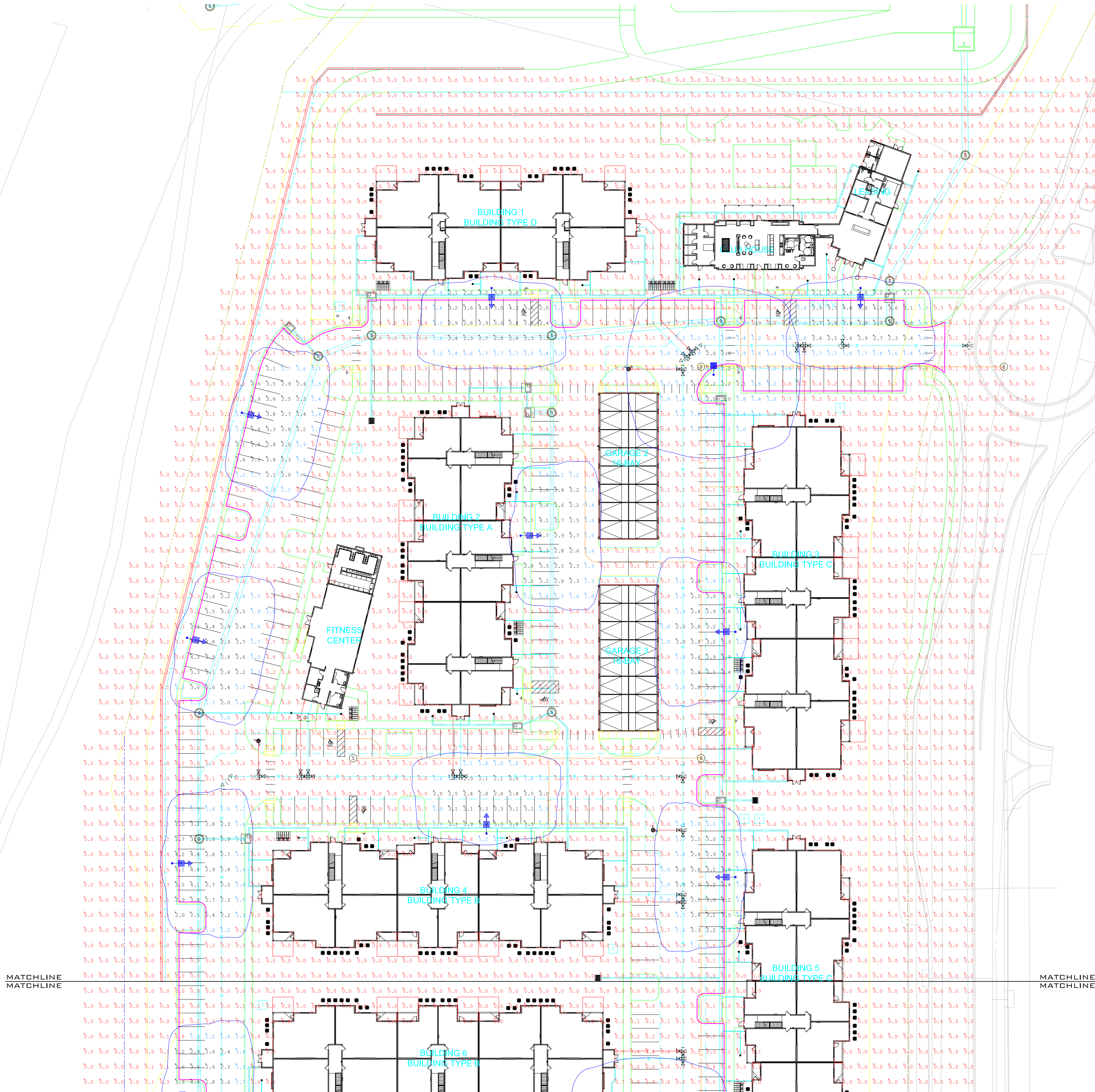
ISSUE / REVISION

PHOTOMETRIC PLAN

41

41 OF 43

CPC #



Calculation Summary								
Label	Units	Avg	Max	Min	Avg/Min	Max/Min	PtSpclr	PtSpcTb
PARKING & DRIVES	Fc	1.06	5.7	0.0	N.A.	N.A.	10	10

Luminaire Schedule							
WLS17721 TTRES - VENETUCCI RD COLORADO SPRINGS, CO PM: HOLLY PLEASE EMAIL US FOR PRICING AT HOLLY@WLSLIGHTING.COM							
Symbol	Qty	Label	Lum. Lumens	LLF	Description	Lum. Watts	
	3	A	17408	0.950	WLS-NV-1-T5QM-48L-1050-40K7-SLW 20' MOUNTING HEIGHT	158	
	20	B	12356	0.950	WLS-NV-1-T4-48L-1-40K7-HSS-SLW 20' MOUNTING HEIGHT	156	



N.E.S. Inc.
619 N. Cascade Avenue, Suite 200
Colorado Springs, CO 80903

Tel. 719.471.0073
Fax 719.471.0267

www.nescolorado.com

© 2012. All Rights Reserved.

PLANNER / LANDSCAPE ARCHITECT

IN ASSOCIATION WITH

VENTURE ON VENETUCCI

MULTI-FAMILY

VENETUCCI BLVD

OTHER INFO

DATE: 11/05/2024
PROJECT MGR: PROJECT MGR
PREPARED BY: PREPARED BY

STAMP

ENTITLEMENT

ISSUE INFO

DATE:	BY:	DESCRIPTION:
ISSUE.1	BY	DESCRIPTION

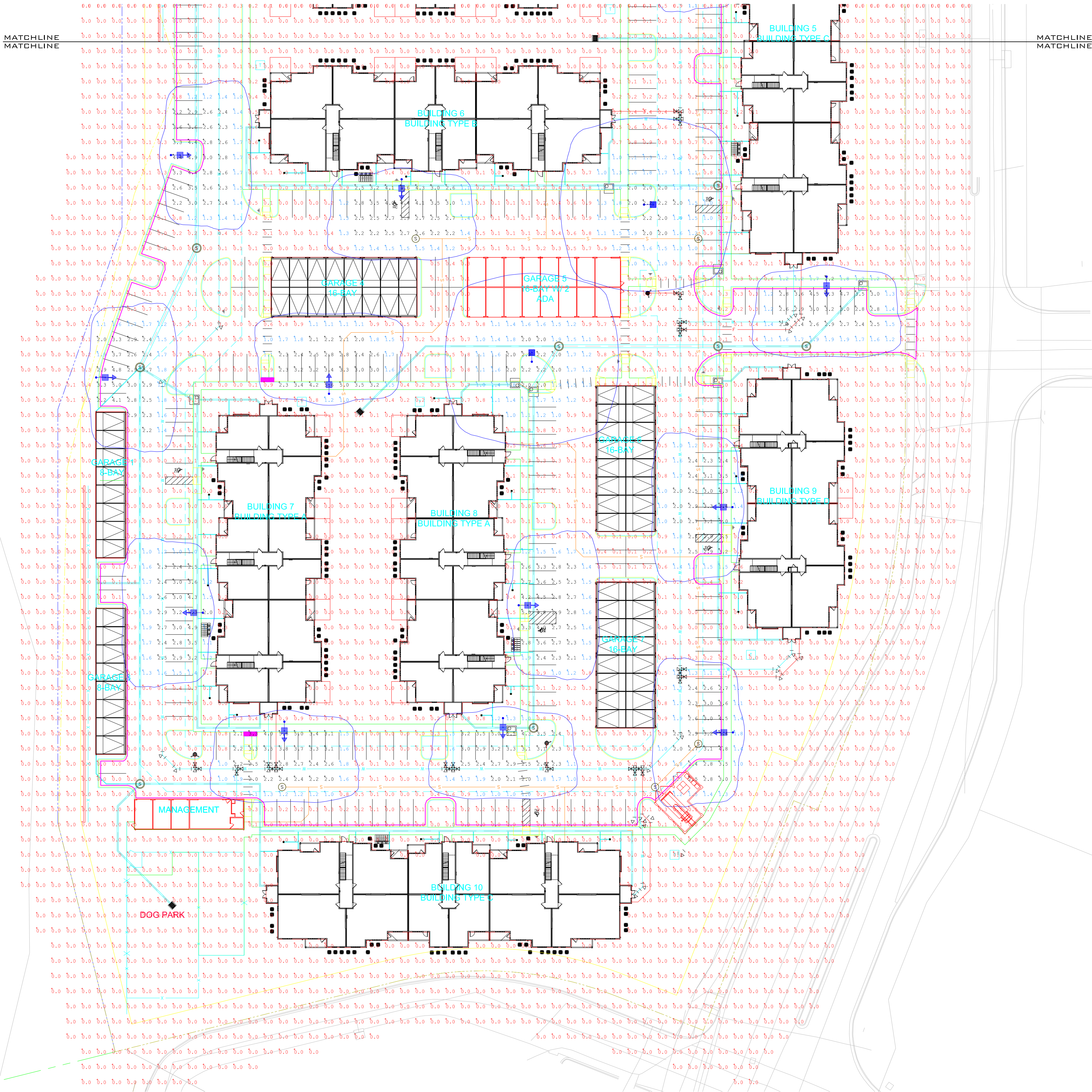
ISSUE / REVISION

PHOTOMETRIC PLAN

42

42 OF 43

CPC #



Calculation Summary								
Label	Units	Avg	Max	Min	Avg/Min	Max/Min	PtSpclr	PtSpcTb
PARKING & DRIVES	Fc	1.06	5.7	0.0	N.A.	N.A.	10	10

Luminaire Schedule							
WLS17721 TTRES - VENETUCCI RD COLORADO SPRINGS, CO PM: HOLLY PLEASE EMAIL US FOR PRICING AT HOLLY@WLSLIGHTING.COM							
Symbol	Qty	Label	Lum. Lumens	LLP	Description	Lum. Watts	
	3	A	17408	0.950	WLS-NV-1-T5QM-48L-1050-40K7-SLW 20' MOUNTING HEIGHT	158	
	20	B	12356	0.950	WLS-NV-1-T4-48L-1-40K7-HSS-SLW 20' MOUNTING HEIGHT	156	

Type:

NV SERIES LED AREA

SPECIFICATIONS

FORM AND FUNCTION

- Sleek, low profile housing
- Spec grade performance
- Engineered for optimum thermal management
- Low depreciation rate
- Reduces energy consumption and costs up to 65%
- Exceeds IES foot candle levels utilizing the least number of poles and fixtures per project
- Optical system designed for:
 - Parking Lots
 - Auto Dealerships
 - General Area Lighting

CONSTRUCTION

- Die Cast Aluminum
- External cooling fins, Finite Element Analysis (FEA) designed
- Corrosion resistant external hardware
- One-piece silicone gasket ensures IP-65 seal for electronics compartment
- One-piece Optics Plate™ mounting silicone Micro Optics
- Two-piece silicone Micro Optic system ensures IP-67 level seal around each PCB
- Grade 2 Clear Anodized Optics Plate™ standard

FINISH

- 3-5 mils electrostatic powder coat.
- WLS standard high-quality finishes prevent corrosion protects against and extreme environmental conditions

ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver by Philips Advance
- Driver power factor at maximum load is $\geq .95$, THD maximum load is 15%
- All internal wiring UL certified for 600 VAC and 105°C
- All drivers, controls, and sensors housed in enclosed IP-65 compartment
- Lumileds Luxeon MX LED's
- CRI ≥ 70
- Color temperatures: 3000K, 4000K, 5000K

OPTICS

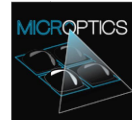
- Silicone optics high photo thermal stability and light output provides higher powered LEDs with minimized lumen depreciation LED life. UV and thermal stability with scratch resistance increases exterior application durability.
- IES Types T2, T3, T4, T5 AND N3

WARRANTY

- Five-year limited warranty for drivers and LEDs.

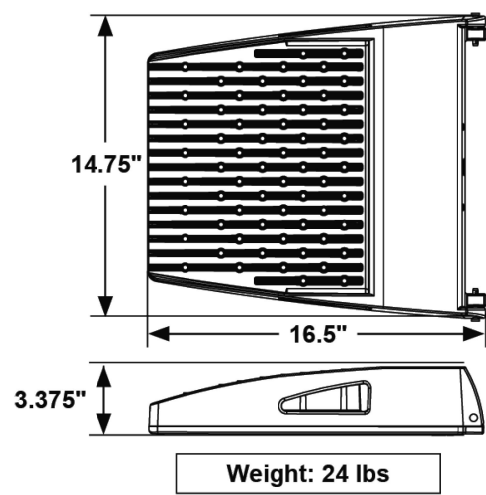
LISTINGS

- Certified to UL 1598
- UL 8750
- CSA C22.2 No. 250.0
- DesignLights Consortium® (DLC)
- DesignLights Consortium Premium® (DLCP)
- IP65/ IP67 Rated
- 3G Vibration Rated per ANSI C136.31-2010

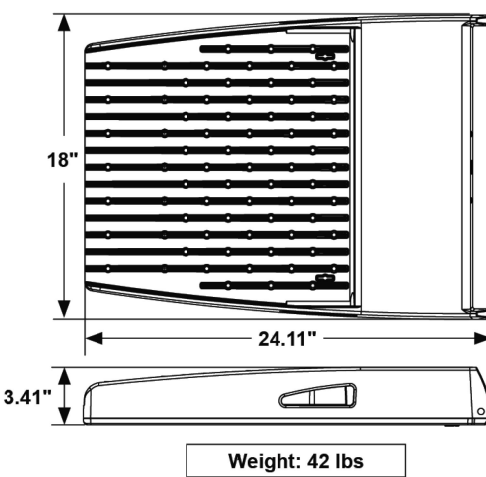


DIMENSIONS

NV-1



NV-2



Made in the U.S.A. of the U.S. and imported parts.
Meets Buy American requirements for ARRA.

WLS LIGHTING
SYSTEMS

6820 Corporation Pkwy
Fort Worth, TX 76126
800.633.8711

www.wlsighting.com

Project Name: _____

Date: _____

Location: _____

Notes: _____

74 REV. 1/22

Specifications subject to change without notice.

NV SERIES LED AREA

ORDERING INFORMATION

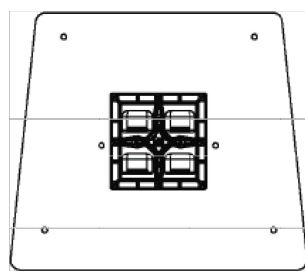
Refer to example below. SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

PRODUCT	OPTIC	LED #	DRIVER	COLOR TEMPERATURE	VOLTAGE	MOUNTING	COLOR OPTIONS	OPTIONS
NV-1	T2 Type 2 T3 Type 3 T4 Type 4 T5 Type 5 N3 Nema 3 30" Narrow Beam	16 16L 32 32L 48 48L 64 64L	35 350mA (16L ONLY) 53 530mA (16L ONLY) 7 700mA 1 1050mA	30K 3000K 40K 4000K 50K 5000K	UNV 120-277 HV 347-480	Direct Pole DP53 3" (Single, D180) DP57 7" (D90, T90, T120, QD) KM Knuckle Mount WM Wall Mount TM Trunnion Mount *Standard finish is stainless steel. *Can be painted to match fixture. TA Tennis Arm ASA Architectural Sweep Arm	BRZ Bronze WHT White SVR Silver BLK Black GPH Graphite GRY Grey ASA Architectural Sweep Arm	BD Bird Deterrent MGF Marine Grade Finish OPP Optic Plate Painted to Match Fixture PE7 Nema 7-Pin Receptacle PCR Photocell + Receptacle PER Receptacle + Shorting Cap FSP-20 FSP-211 with Motion Sensor (UNV Voltage) 9'-20' Heights FSP-40 FSP-211 with Motion Sensor (UNV Voltage) 21'-40' Heights QMB Quick Mount Bracket RQMB Retrofit Mount Bracket RPA4 Round Pole Adaptor 3'-4" Pole RPA5 Round Pole Adaptor 5'-6" Pole ROL Rotated Optic Left ROR Rotated Optic Right AHS Automotive House Side Shield HSS House Side Shield 10K Surge Protector (NV-2 only) NO No Options
NV-2		80 80L 96 96L 112 112L 128 128L	7 700mA 1 1050mA					

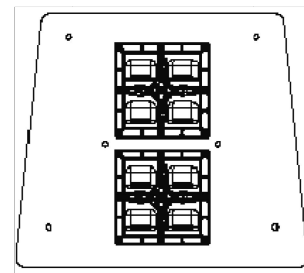
ORDER:

WLS-NV							
--------	--	--	--	--	--	--	--

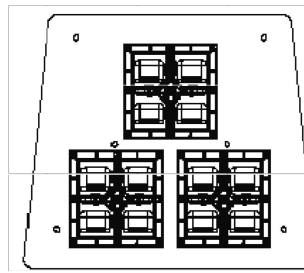
Example: WLS-NV-2-T5-96-1-40K-UNV-DP53-BRZ-NO



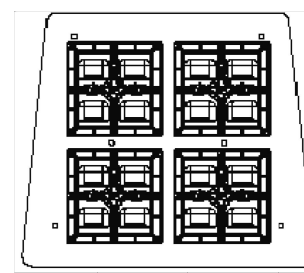
NV-1 / 16L



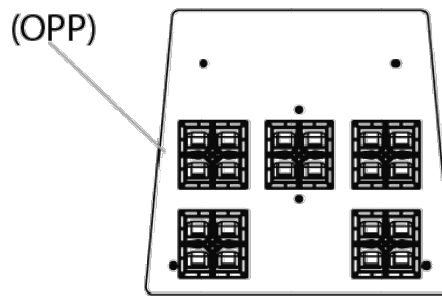
NV-1 / 32L



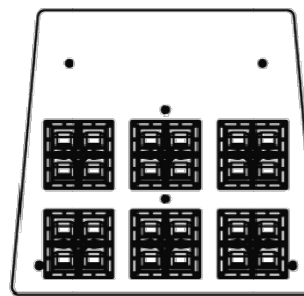
NV-1 / 48L



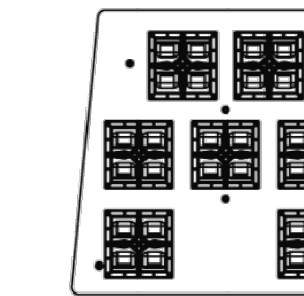
NV-1 / 64L



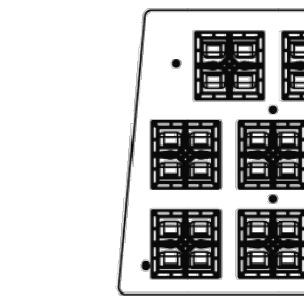
NV-2 / 80L



NV-2 / 96L



NV-2 / 112L



NV-2 / 128L

WLS LIGHTING
SYSTEMS

6820 Corporation Pkwy
Fort Worth, TX
76126800.633.8711

www.wlsighting.com

Project Name: _____

Date: _____

Location: _____

Notes: _____

74 REV. 1/22

Specifications subject to change without notice.



N.E.S. Inc.
619 N. Cascade Avenue, Suite 200
Colorado Springs, CO 80903

Tel. 719.471.0073
Fax 719.471.0267

www.nescolorado.com

© 2012. All Rights Reserved.

VENTURE ON VENETUCCI

MULTI-FAMILY

VENETUCCI BLVD

OTHER INFO

DATE: 11/05/2024
PROJECT MGR: PROJECT MGF
PREPARED BY: PREPARED BY

ENTITLEMENT

DATE: BY: DESCRIPTION:
ISSUE.1 BY DESCRIPTION

LIGHTING CUTSHEETS

43

43 OF 43

CPC #