

PROJECT  
RED MOUNTAIN  
RANCH

PARCEL 1  
17500 US-6  
EAGLE, CO 81631

ARCHITECT/  
GENERAL CONTRACTOR

**tres birds**

GENERAL NOTES

- PHOTOMETRIC PLAN SUBMITTED PURSUANT TO CITY OF EAGLE APPLICABLE CODES, INCLUDING CODE OF ORDINANCES CHAPTER 4.13 OUTDOOR LIGHTING.
- ALL LIGHT SOURCES TO BE 2700K CCT.
- ALL LIGHT SOURCES SHALL BE SHIELDED SO THAT LIGHT WILL NOT SHINE INTO ADJACENT PROPERTIES.
- ALL EXTERIOR LIGHTING SHALL BE INSTALLED IN SUCH A MANNER THAT THE LIGHT SOURCE WILL BE SUFFICIENTLY OBSCURED TO PREVENT EXCESSIVE GLARE INTO PUBLIC STREETS.
- PHOTOMETRIC HORIZONTAL FC POINTS INDICATED ARE BASED ON A 10'-0" SPACING AND CALCULATED AT FINISHED GRADE.

LEGEND	
◆	BOLLARD - DIRECTIONAL (TYPES LS1 & LS2)
—	LINEAR SLOT/COVE (TYPES L9, L9.1, & L10)
▀	STEP LIGHT (TYPE L11)
●	RECESSED DOWNLIGHT (TYPE L12)

PROJECT TEAM

MIKE MOORE  
303-324-3622  
MM@TRESBIRDS.COM

DOUG NEWBY  
720-563-7289  
DN@TRESBIRDS.COM

DAVID HOFFMAN  
561-386-5528  
DH@TRESBIRDS.COM

NOT FOR  
CONSTRUCTION

COPYRIGHT 2025  
TRES BIRDS  
ALL RIGHTS RESERVED  
DRAWINGS PROVIDED BY THIS OFFICE ARE  
COPYRIGHTED UNDER THE ARCHITECTURAL  
WORKS COPYRIGHT ACT OF 1991. ANY USE OF  
THE INFORMATION APPEARING HEREON,  
INCLUDING BUT NOT LIMITED TO REPLICATION OF THE  
ORIGINAL DESIGN, IS PROHIBITED WITHOUT  
EXPRESS WRITTEN CONSENT.

CONSULTANTS

STRUCTURAL ENGINEERING  
KLA&  
JAKE HOHMANN, PE  
JHOHMANN@KLAACOM  
303-384-9910

LANDSCAPE  
WENKLA ASSOCIATES  
TYLER KIGGINS  
TKIGGINS@WENKLA.COM  
720-669-3112

CIVIL ENGINEERING  
WILSON & CO  
BEN BEISLER  
BEN.BEISLER@WILSONCO.COM  
303-501-1217

MEP ENGINEERING  
EV STUDIO  
ERIC REITAN  
ERIC.REITAN@EVSTUDIO.COM  
303-670-7242

ISSUANCE  
MAJOR  
DEVELOPMENT  
PERMIT (MDP)

ISSUE DATE  
**09.12.2025**

CURRENT REVISION

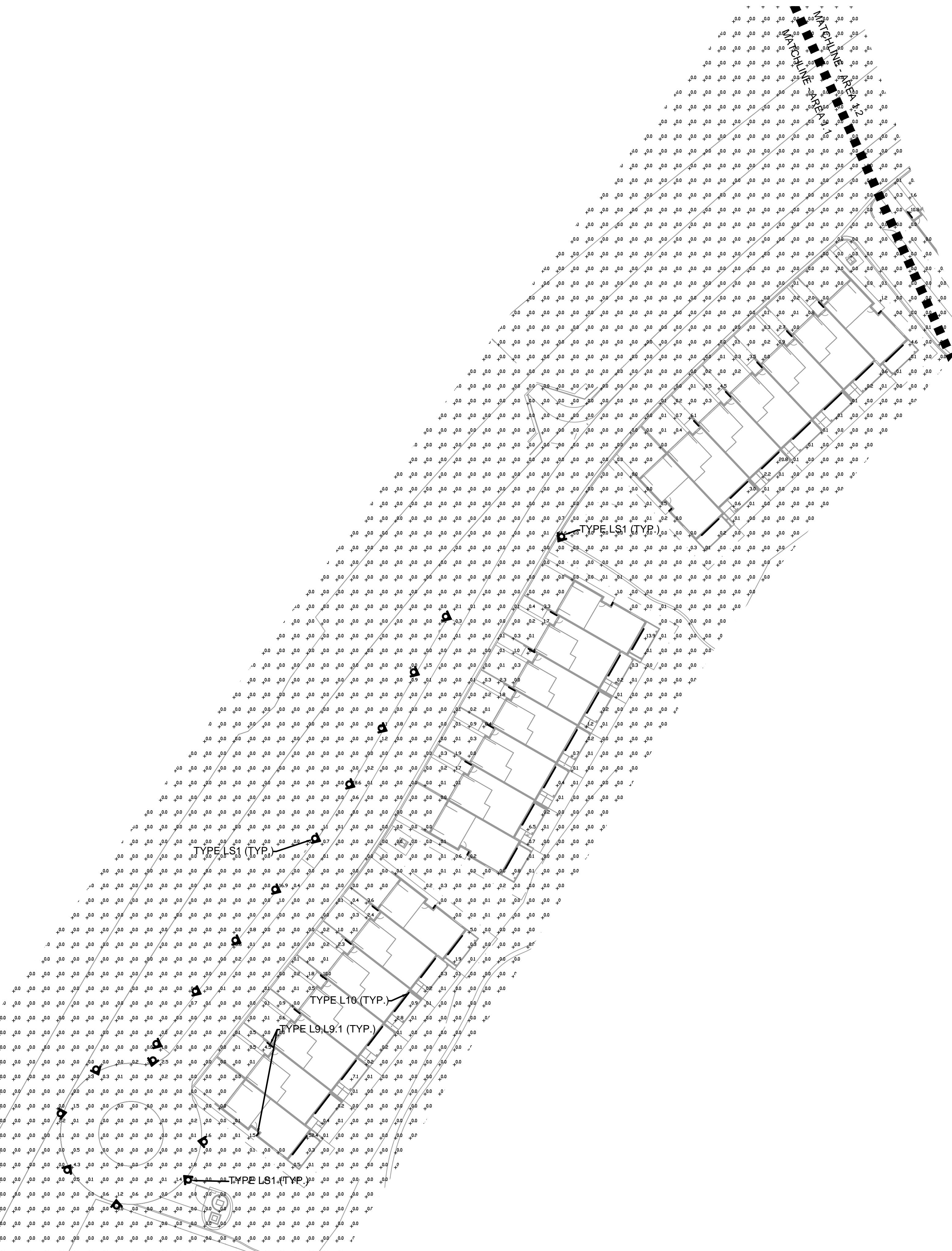
REVISION HISTORY

DRAWING SHEET TITLE  
**Area 1.1**  
**Lighting Plan**

**PH-001**

1 AREA 1.1 LIGHTING PLAN

SCALE: 1" = 40'



PROJECT  
**RED MOUNTAIN  
RANCH**

PARCEL 1  
17500 US-6  
EAGLE, CO 81631

ARCHITECT/  
GENERAL CONTRACTOR  
**tres birds**

**GENERAL NOTES**

1. PHOTOMETRIC PLAN SUBMITTED PURSUANT TO CITY OF EAGLE APPLICABLE CODES, INCLUDING CODE OF ORDINANCES CHAPTER 4.13 OUTDOOR LIGHTING.
2. ALL LIGHT SOURCES TO BE 2700K CCT.
3. ALL LIGHT SOURCES SHALL BE SHIELDED SO THAT LIGHT WILL NOT SHINE ONTO ADJACENT PROPERTIES.
4. ALL EXTERIOR LIGHTING SHALL BE INSTALLED IN SUCH A MANNER THAT THE LIGHT SOURCE WILL BE SUFFICIENTLY OBSCURED TO PREVENT EXCESSIVE GLARE INTO PUBLIC STREETS.
5. PHOTOMETRIC HORIZONTAL FC POINTS INDICATED ARE BASED ON A 10'-0" SPACING AND CALCULATED AT FINISHED GRADE.

LEGEND	
◆	BOLLARD - DIRECTIONAL (TYPES LS1 & LS2)
—	LINEAR SLOT/COVE (TYPES L9, L9.1, & L10)
□	STEP LIGHT (TYPE L11)
●	RECESSED DOWNLIGHT (TYPE L12)

LIGHTING PHOTOMETRIC STATS				
AREA	AVERAGE	MAX	MIN	MAX/MIN
WHOLE SITE	0.1 FC	54.6 FC	0.0 FC	N/A
ROADWAY	0.1 FC	18.6 FC	0.0 FC	N/A
PROPERTY LINE	0.0 FC	0.0 FC	0.0 FC	N/A

**NOT FOR  
CONSTRUCTION**

COPYRIGHT 2025  
TRES BIRDS  
ALL RIGHTS RESERVED  
ALL DRAWINGS CONTAINED IN THIS OFFICE ARE  
COPYRIGHTED UNDER THE ARCHITECTURAL  
WORKS COPYRIGHT ACT OF 1991. ANY USE OF  
THE INFORMATION APPEARING HEREON,  
INCLUDING BUT NOT LIMITED TO REPRODUCTION OF  
THE ORIGINAL DESIGN, IS PROHIBITED WITHOUT  
EXPRESS WRITTEN CONSENT.

**CONSULTANTS**

**STRUCTURAL ENGINEERING**  
KLA&  
JAKE HOHMANN, PE  
JHOHMANN@KLAAC.COM  
303-384-9910

**LANDSCAPE**  
WENKLA ASSOCIATES  
TYLER KIGGINS  
TKIGGINS@WENKLA.COM  
720-669-3112

**CIVIL ENGINEERING**  
WILSON & CO  
BEN BEISLER  
BEN.BEISLER@WILSONCO.COM  
303-501-1217

**MEP ENGINEERING**  
EV STUDIO  
ERIC REITAN  
ERIC.REITAN@EVSTUDIO.COM  
303-670-7242

**ISSUANCE**  
**MAJOR  
DEVELOPMENT  
PERMIT (MDP)**

ISSUE DATE  
**09.12.2025**

CURRENT REVISION

REVISION HISTORY

DRAWING SHEET TITLE  
**Area 1.2  
Lighting Plan**

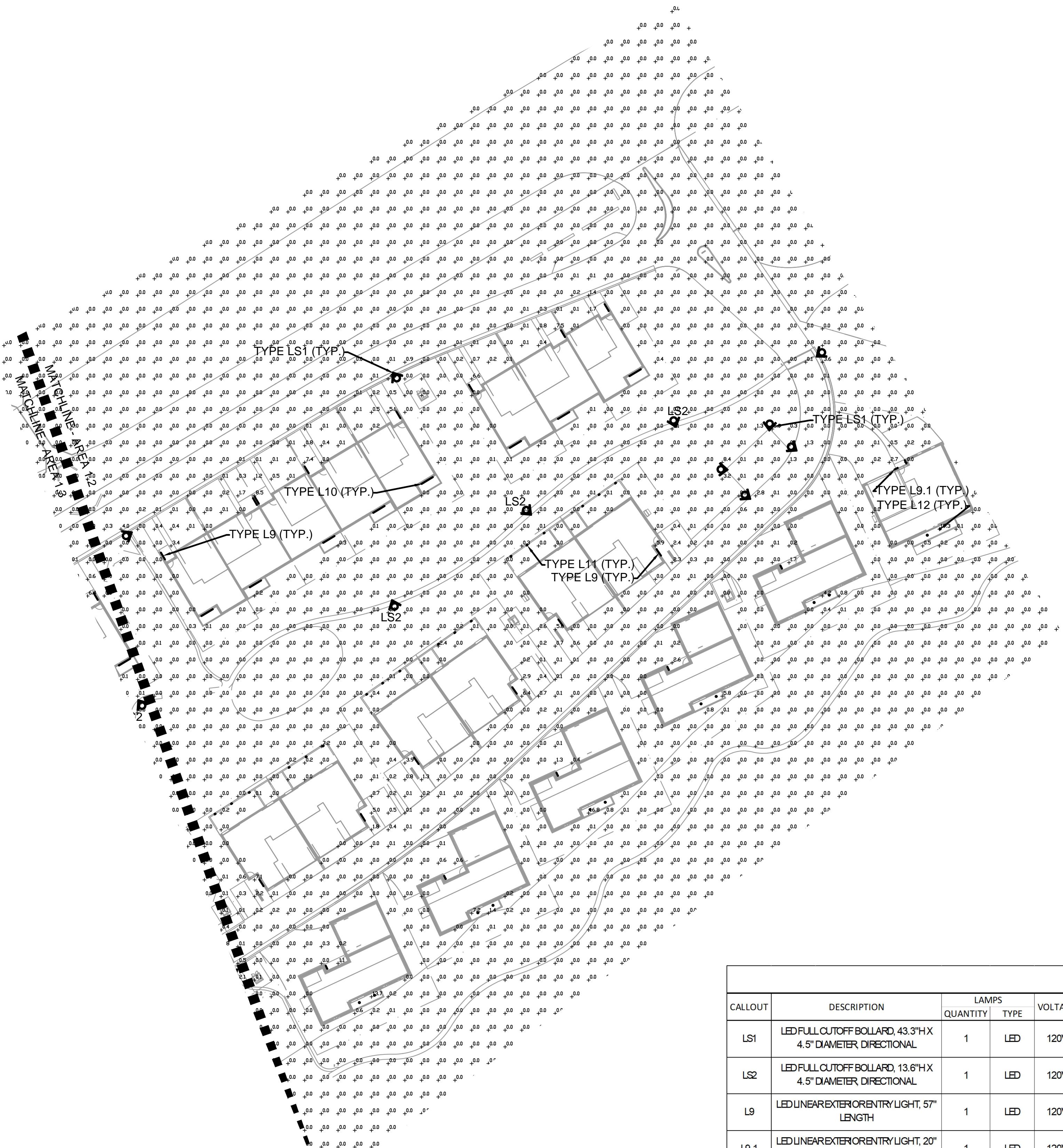
**PH-002**

GENERAL NOTES

- PHOTOMETRIC PLAN SUBMITTED PURSUANT TO CITY OF EAGLE APPLICABLE CODES, INCLUDING CODE OF ORDINANCES CHAPTER 4.13 OUTDOOR LIGHTING. 17500 US-6
- ALL LIGHT SOURCES TO BE 2700K CCT.
- ALL LIGHT SOURCES SHALL BE SHIELDED SO THAT LIGHT WILL NOT SHINE ONTO ADJACENT PROPERTIES.
- ALL EXTERIOR LIGHTING SHALL BE INSTALLED IN SUCH A MANNER THAT THE LIGHT SOURCE WILL BE SUFFICIENTLY OBSCURED TO PREVENT EXCESSIVE GLARE INTO PUBLIC STREETS.
- PHOTOMETRIC HORIZONTAL FC POINTS INDICATED ARE BASED ON A 10'-0" SPACING AND CALCULATED AT FINISHED GRADE.

LEGEND	
◆	BOLLARD - DIRECTIONAL (TYPES LS1 & LS2)
—	LINEAR SLOT/COVE (TYPES L9, L9.1, & L10)
■	STEP LIGHT (TYPE L11)
○	RECESSED DOWNLIGHT (TYPE L12)

LIGHTING PHOTOMETRIC STATS				
AREA	AVERAGE	MAX	MIN	MAX/MIN
WHOLE SITE	0.1 FC	54.6 FC	0.0 FC	N/A
ROADWAY	0.1 FC	18.6 FC	0.0 FC	N/A
PROPERTY LINE	0.0 FC	0.0 FC	0.0 FC	N/A



LUMINAIRE SCHEDULE

CALLOUT	DESCRIPTION	LAMPS		BALLAST OR DRIVER VA	MOUNTING	SHIELDING	CRI AND CCT	LUMEN OUTPUT	DIMMING TYPE	DESIGN BASIS MODEL NUMBER	ACCEPTABLE MANUFACTURERS	NOTE
		QUANTITY	TYPE									
LS1	LED FULL CUTOFF BOLLARD, 43.3" H X 4.5" DIAMETER DIRECTIONAL	1	LED	120V	15	GROUND BOLLARD 43.4" H	FULL CUTOFF 80CRI, 2700K	591	0-10V	10000162766, FUNDTBOLLARD	LOUISPOULSEN	
LS2	LED FULL CUTOFF BOLLARD, 13.6" H X 4.5" DIAMETER DIRECTIONAL	1	LED	120V	6	GROUND BOLLARD 13.6" H	FULL CUTOFF 80CRI, 2700K	291	0-10V	10000158341, FUNDTBOLLARD	LOUISPOULSEN	
L9	LED LINEAR EXTERIOR ENTRY LIGHT, 57" LENGTH	1	LED	120V	19	SURFACE	CUTOFF	2700K	1665	0-10V	PA-L-C-57-19IND-27-WW	INTERLUX
L9.1	LED LINEAR EXTERIOR ENTRY LIGHT, 20" LENGTH	1	LED	120V	19	SURFACE	CUTOFF	2700K	1665	0-10V	PA-L-C-20-19IND-27-WW	INTERLUX
L10	LED LINEAR EXTERIOR LIGHT, LENGTH PER INSTALLATION	1	LED	120V	14.5W/LF	SURFACE	CUTOFF	2700K	1048/LF	0-10V	AR-RF-F-XX-ID-27-SP	INTERLUX
L11	LED PATIO STEP LIGHT	1	LED	120V	1.5	RECESSED	FULL CUTOFF	2700K	50	N/A	7032-27-BZ	WAC LIGHTING
L12	ADJUSTABLE LED RECESSED DOWNLIGHT	1	LED	120V	10.1	RECESSED	FULL CUTOFF	2700K	670	LEADING	HLA4-06-FL-9FS-1E-MV-R	HALO

NOTES:

- LUMINAIRES INDICATED ABOVE WERE USED AS A BASIS FOR DESIGN.
- CATALOG NUMBERS INDICATE BASIC LUMINAIRE TYPES REQUIRED FOR THIS PROJECT. VERIFY WITH MANUFACTURER TO INCLUDE ALL ACCESSORIES REQUIRED FOR ACTUAL INSTALLATION TO SUIT FIELD CONDITIONS.

