

Received
Planning Division
11/03/2023

LUMINAIRE SCHEDULE					
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMP	WATTAGE
A	4 LED, INGRADE CONCRETE BASE MOUNTS LUMINAIRE 39.0" TALL 3000K, 1660 LUMENS TYPE 2	LIGMAN	LIGMAN PRA SERIES	LED	7.7 W
B	INCITO 2 INCH SHOWER TRIM, RECESSED DOWNLIGHT, ROUND, 3000K, 250 LUMENS, CLEAR, MATTE DIFFUSE, SOLITE PATTERN LENS, 15 DEGREE BEAM, 80 CRI	GOTHAM ARCHITECTURAL LIGHTING	IC02SH 30/02 AR LD SOL 15D	LED	3.1 W

NOTE: ALL LUMINAIRES ARE FULL CUT-OFF.

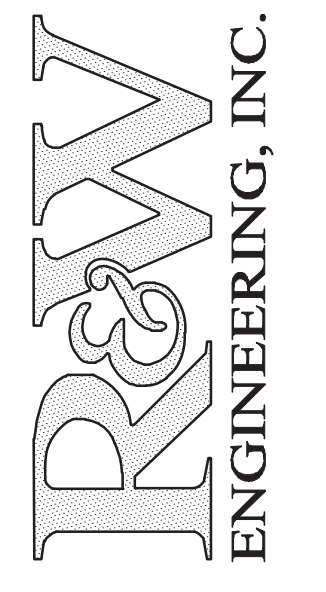
PHOTOMETRIC STATISTICS						
LOT DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
156		7.9 fc	17.6 fc	1.0 fc	17.6:1	7.9:1
157		7.6 fc	18.1 fc	1.3 fc	13.9:1	5.8:1
158		7.7 fc	20.2 fc	0.8 fc	25.3:1	9.6:1
159		8.4 fc	23.3 fc	1.7 fc	13.7:1	4.9:1
160		7.2 fc	20.7 fc	0.7 fc	29.6:1	10.3:1
161		6.6 fc	20.3 fc	0.8 fc	25.4:1	8.3:1
162		6.5 fc	21.7 fc	0.8 fc	27.1:1	8.1:1
163		8.8 fc	19.6 fc	2.4 fc	8.2:1	3.7:1
164		8.4 fc	22.3 fc	1.7 fc	13.1:1	4.9:1
165		7.1 fc	22.8 fc	0.7 fc	32.6:1	10.1:1
166		6.8 fc	19.4 fc	0.9 fc	21.6:1	7.6:1
167		6.5 fc	19.8 fc	0.8 fc	24.8:1	8.1:1
168		8.3 fc	20.9 fc	2.4 fc	8.7:1	3.5:1
169		7.9 fc	17.2 fc	1.0 fc	17.2:1	7.9:1
170		7.5 fc	21.4 fc	0.7 fc	30.6:1	10.7:1
171		8.2 fc	21.6 fc	1.2 fc	18.0:1	6.8:1
172		7.8 fc	18.8 fc	0.9 fc	20.9:1	8.7:1
173		8.0 fc	17.6 fc	2.0 fc	8.8:1	4.0:1
174		8.0 fc	21.9 fc	0.8 fc	27.4:1	10.0:1
186		7.5 fc	20.4 fc	0.7 fc	29.1:1	10.7:1
187		6.3 fc	18.6 fc	0.9 fc	20.7:1	7.0:1
188		8.3 fc	18.9 fc	1.4 fc	13.5:1	5.9:1
189		8.4 fc	21.8 fc	1.7 fc	12.8:1	4.9:1
190		6.8 fc	16.6 fc	0.7 fc	23.7:1	9.7:1
191		6.8 fc	22.4 fc	0.8 fc	28.0:1	8.5:1
192		6.7 fc	21.6 fc	0.8 fc	27.0:1	8.4:1
193		8.3 fc	20.0 fc	1.4 fc	14.3:1	5.9:1
194		8.3 fc	23.2 fc	1.7 fc	13.6:1	4.9:1
195		6.7 fc	16.6 fc	0.7 fc	23.7:1	9.6:1
196		6.8 fc	21.3 fc	0.8 fc	26.6:1	8.5:1
197		6.6 fc	22.6 fc	0.8 fc	28.3:1	8.3:1
198		8.2 fc	20.6 fc	1.4 fc	14.7:1	5.9:1

SYMBOL LEGEND

- FC FOOTCANDLE
- ⊙ TYPE A - LED FIXTURE - BOLLARD
- ⊞ TYPE B - LED FIXTURE - DOWNLIGHT

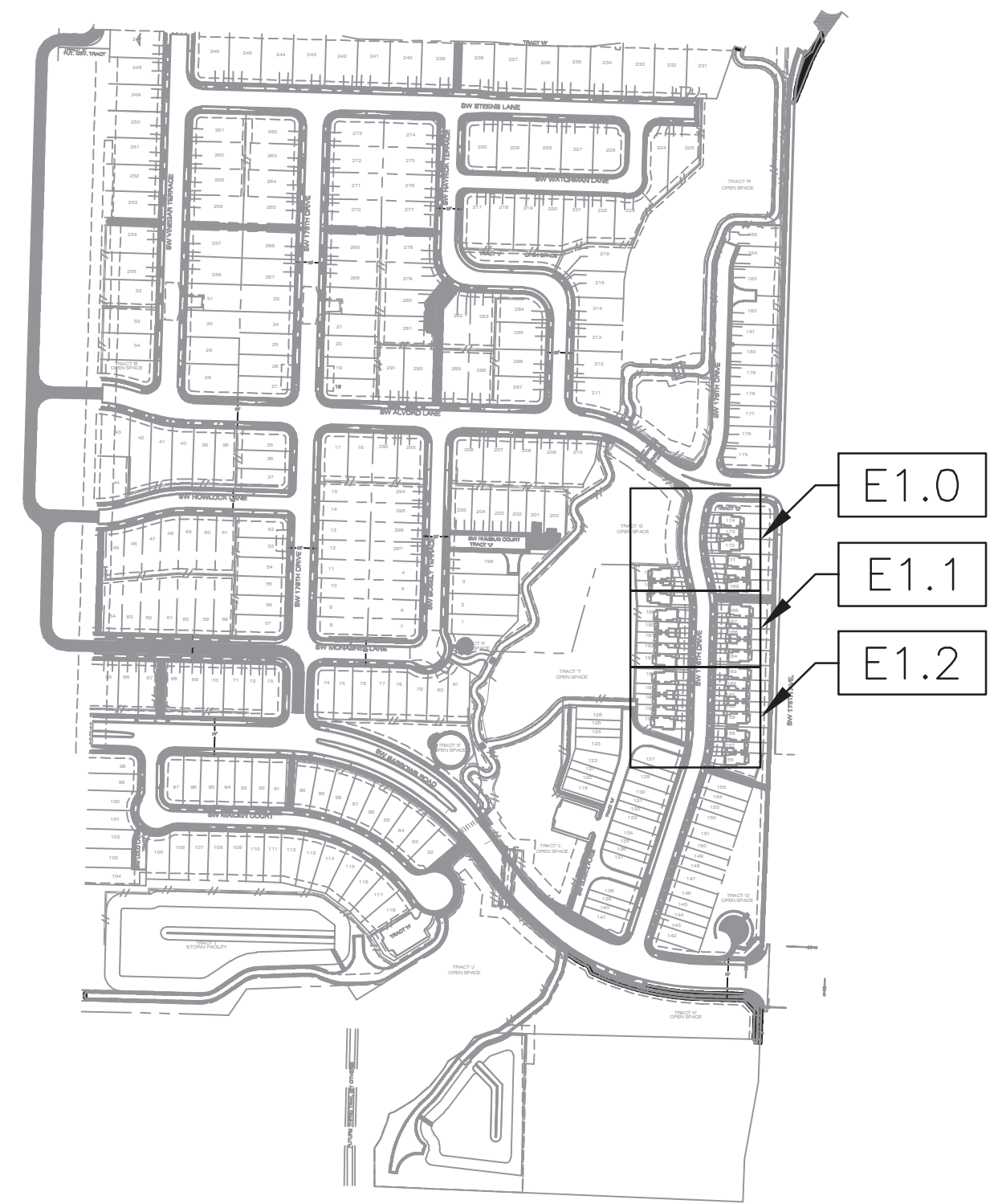
GENERAL NOTES

- A. PATHWAY ILLUMINATION TARGET VALUE TO BE 0.7-FOOT CANDLES AND HIGHER.



R&W ENGINEERING, INC.
"Engineering Integrated Solutions"
9815 S.W. Allen Blvd., Suite 107
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Phone: (503) 292-6000
Fax: (503) 726-3326
E-mail: rweg@rweg.com

REV	DATE	DESCRIPTION	BY



KEY PLAN

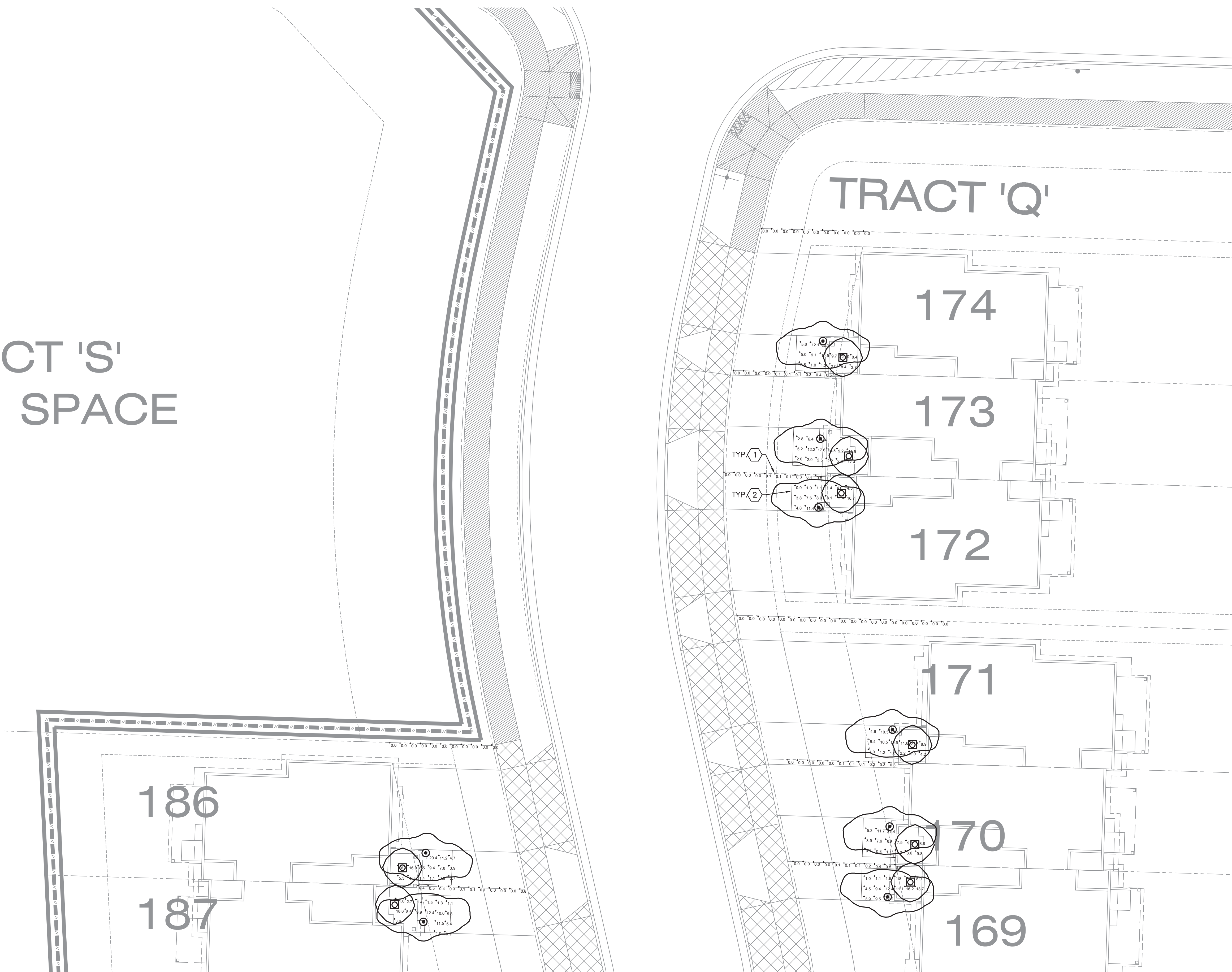
**VINEYARD AT COOPER MOUNTAIN
INDIVIDUAL LOT LIGHTING STUDY
ELECTRICAL SYMBOL LEGEND
AND SCHEDULES**

DESIGNED: DDH
DRAWN: DDH
CONTACT: DENNIS HALL
PROJECT #: 1702.004.001
DATE: 10/17/2023

DRAWING NO.
E0.1
SHEET 1 OF 4

THIS LINE IS 2 INCHES
AT FULL SCALE
IF IT DOES NOT MEASURE 2
INCHES, SCALE ACCORDINGLY

CT 'S'
SPACE

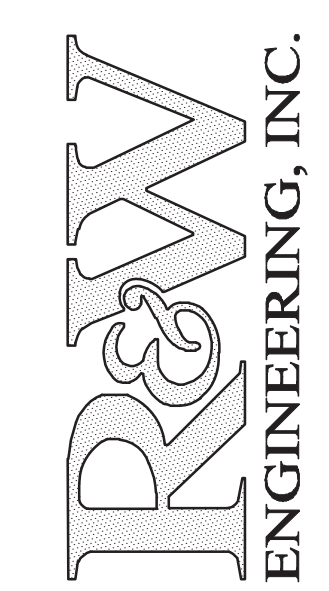
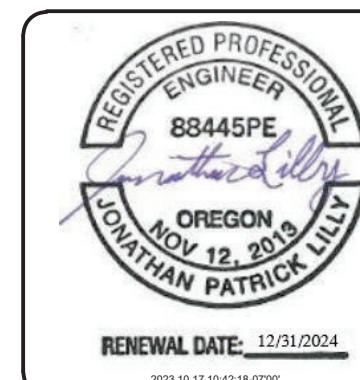


GENERAL NOTES

- A. FOOT CANDLE ISO CURVES ARE SHOWN AS A SINGLE FIXTURE CONTRIBUTION WITH SET VALUES. THE ISO CURVE VALUES MAY NOT MATCH THE CALCULATION PLANE POINT VALUES, SINCE THE CALCULATION PLANE CAN BE A CONTRIBUTION FROM MORE THAN ONE LUMINAIRE.
- B. SEE DRAWING E0.1 FOR SYMBOL LEGEND AND SCHEDULES.

NOTES THIS SHEET

- 1 LINE TYPE INDICATES PROPERTY LINE. ILLUMINATION SHALL NOT BE ABOVE 0.5 FOOT-CANDLES AT OR BEYOND PROPERTY LINE.
- 2 5-FOOT WIDE PEDESTRIAN PATHWAY. CONTRACTOR TO INSTALL CONCRETE PATHWAY SO THAT SIDES OF PATHWAY ARE A MINIMUM 2.5'-FEET FROM PROPERTY LINE. CONTRACTOR TO INSTALL BOLLARD ON OPPOSITE SIDE OF PATHWAY FROM CLOSEST PROPERTY LINE IF POSSIBLE.



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 E-mail: rwen@rwen.com

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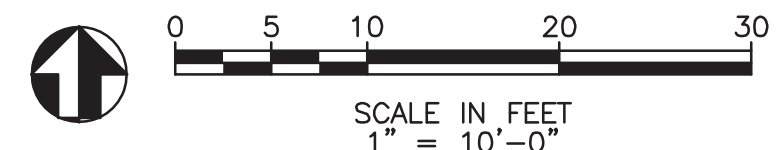
**VINEYARD AT COOPER MOUNTAIN
 INDIVIDUAL LOT LIGHTING STUDY**

**PARTIAL SITE PLAN PHOTOMETRIC
 SYMBOL LEGEND AND SCHEDULES.**

DESIGNED: DDH
 DRAWN: DDH
 CONTACT: DENNIS HALL
 PROJECT #: 1702.004.001
 DATE: 10/17/2023

DRAWING NO.
E1.0
 SHEET 2 OF 4

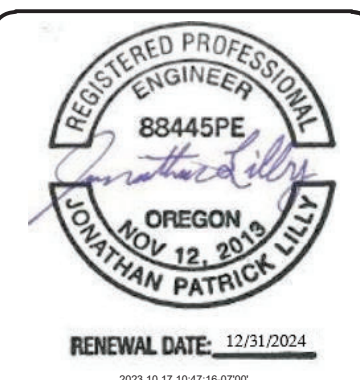
1 PARTIAL SITE PLAN PHOTOMETRIC
 E1.0 SCALE 1" = 10'-0"



THIS LINE IS 2 INCHES
 AT FULL SCALE
 IF IT DOES NOT MEASURE 2
 INCHES, SCALE ACCORDINGLY

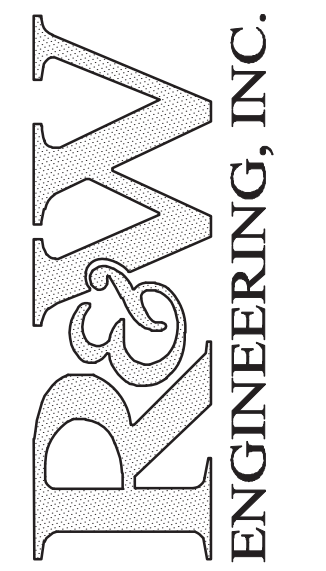
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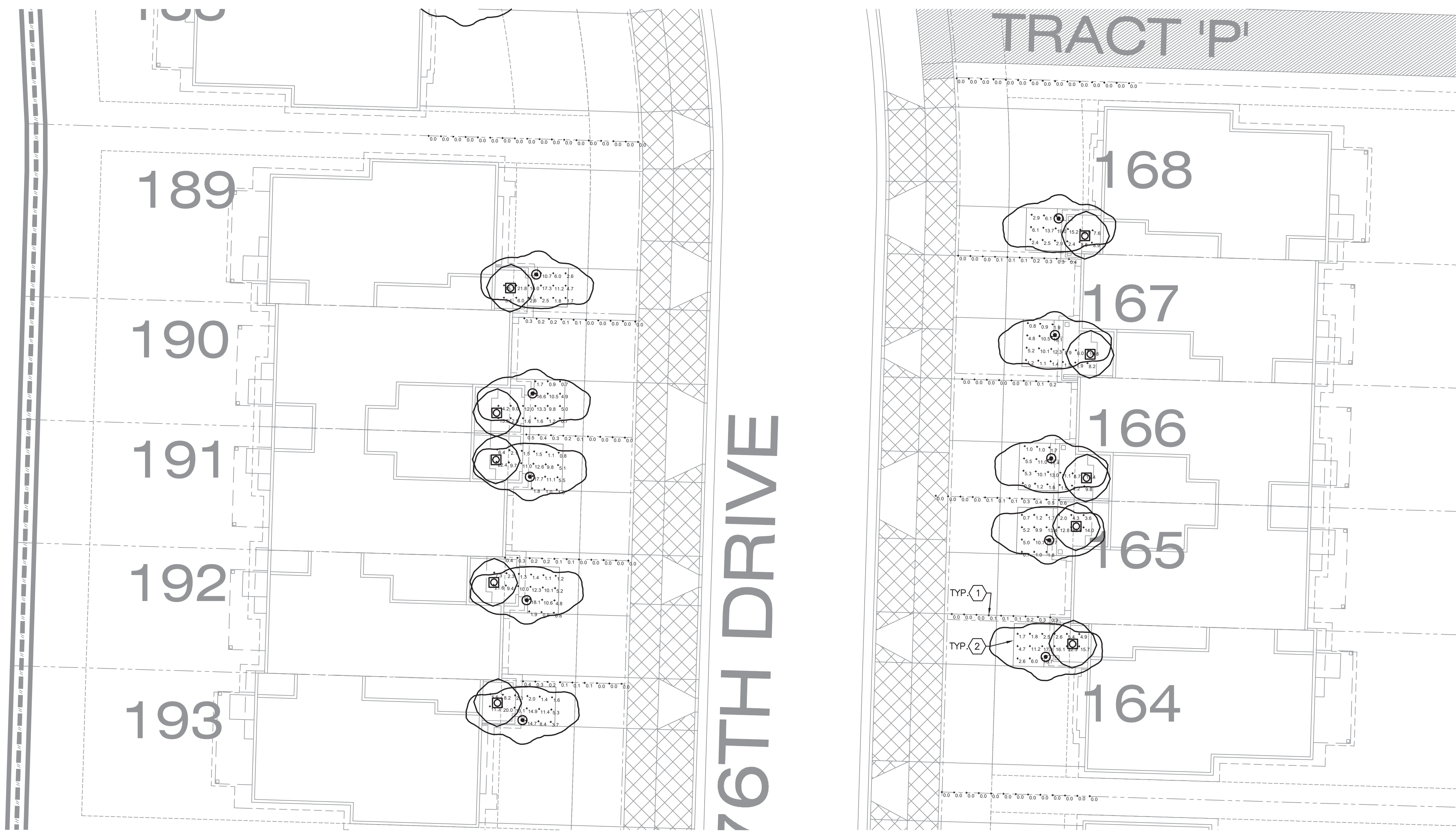


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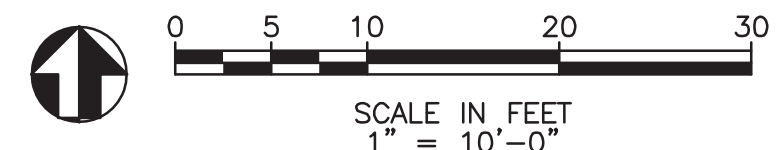
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PARTIAL SITE PLAN PHOTOMETRIC
 SYMBOL LEGEND AND SCHEDULES.

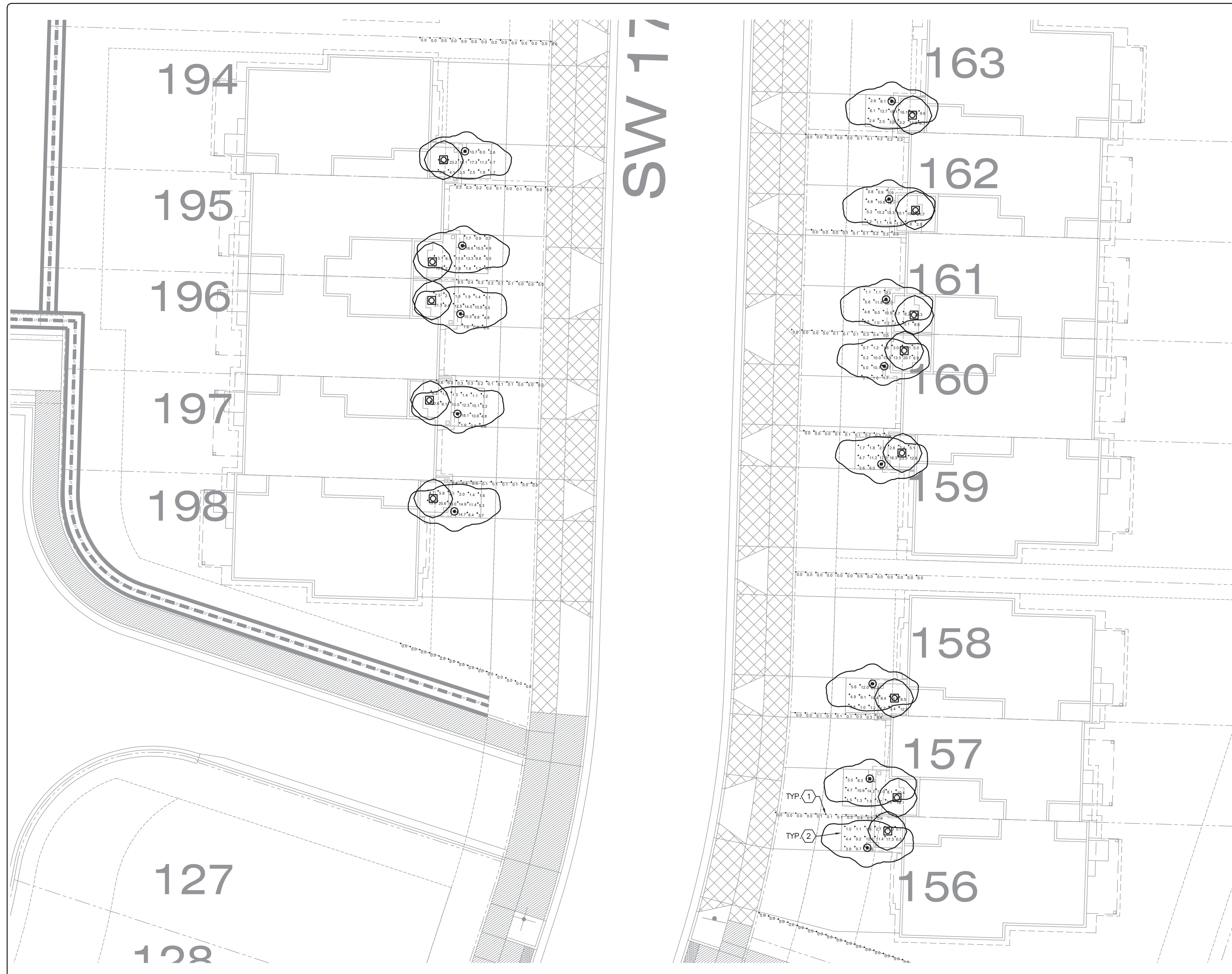
DESIGNED: DDH
 DRAWN: DDH
 CONTACT: DENNIS HALL
 PROJECT #: 1702.004.001
 DATE: 10/17/2023

DRAWING NO.
E1.1
 SHEET 2 OF 4

1 PARTIAL SITE PLAN PHOTOMETRIC
 E1.1 SCALE 1" = 10'-0"



THIS LINE IS 2 INCHES
 AT FULL SCALE
 IF IT DOES NOT MEASURE 2
 INCHES, SCALE ACCORDINGLY

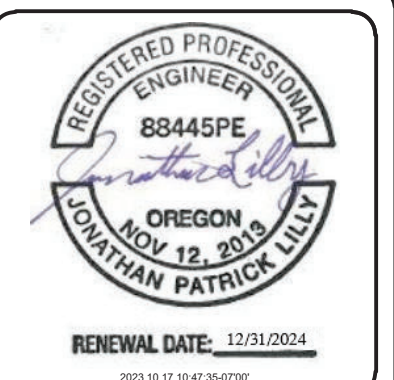


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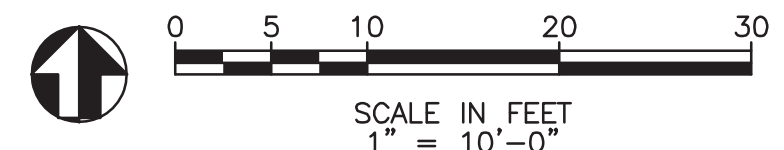
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PARTIAL SITE PLAN PHOTOMETRIC
 SYMBOL LEGEND AND SCHEDULES.

DESIGNED: DDH
 DRAWN: DDH
 CONTACT: DENNIS HALL
 PROJECT #: 1702.004.001
 DATE: 10/17/2023

DRAWING NO.
E1.2
 SHEET 2 OF 4

1 PARTIAL SITE PLAN PHOTOMETRIC
 E1.2 SCALE 1" = 10'-0"



THIS LINE IS 2 INCHES
 AT FULL SCALE
 IF IT DOES NOT MEASURE 2
 INCHES, SCALE ACCORDINGLY