




Luminaire Schedule							
Symbol	Qty	Label	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
	4	W4W	RWL1-48L-45-4K7-4W-U	0.855	5704	46.5	186
	1	S5	ASL1-160L-100-4K7-5QW-U	0.855	12071	87.6	87.6
	3	S3	ASL1-160L-100-4K7-3-U	0.855	12010	87.6	262.8

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Fc	1.73	3.6	0.0	N.A.	N.A.
Trespass	Fc	0.10	0.8	0.0	N.A.	N.A.

[illegible][illegible]



DATE _____	LOCATION _____	
TYPE _____		
CANNOT BE _____		

FEATURES

- Low profile LED wall luminaire with a variety of LED distributions for lighting applications such as accent, ambient and indirect for creating mood
- Featuring Micro Dot Optics which maintains light uniformity with remote tasks at the backside, reducing light exposure time
- Visual comfort features
 - Control colors including photo control, occupancy sensing, No Dimmed Ambiguity™, Wireless DCT™ and Bluetooth™
 - Battery Backup mode available for emergency code compliance
 - Quick mount adapter allows easy installation on existing
 - 144V and 480V versions for multiple applications and Codes







CONTROL TECHNOLOGY

Q510 LIGHTGRID®

SERVICE PROGRAM

Q510

SPECIFICATIONS

CONSTRUCTION

• Cast aluminum with hidden interior heat sink for efficient heat dissipation and to ensure a clean smooth color surface

• Powder paint finish provides durability and long life

• Housing and pin body made of cast 6061 finish

• Mounting pin body made of stainless steel




• Non-hazardous materials. Tested to meet UL 94V-0

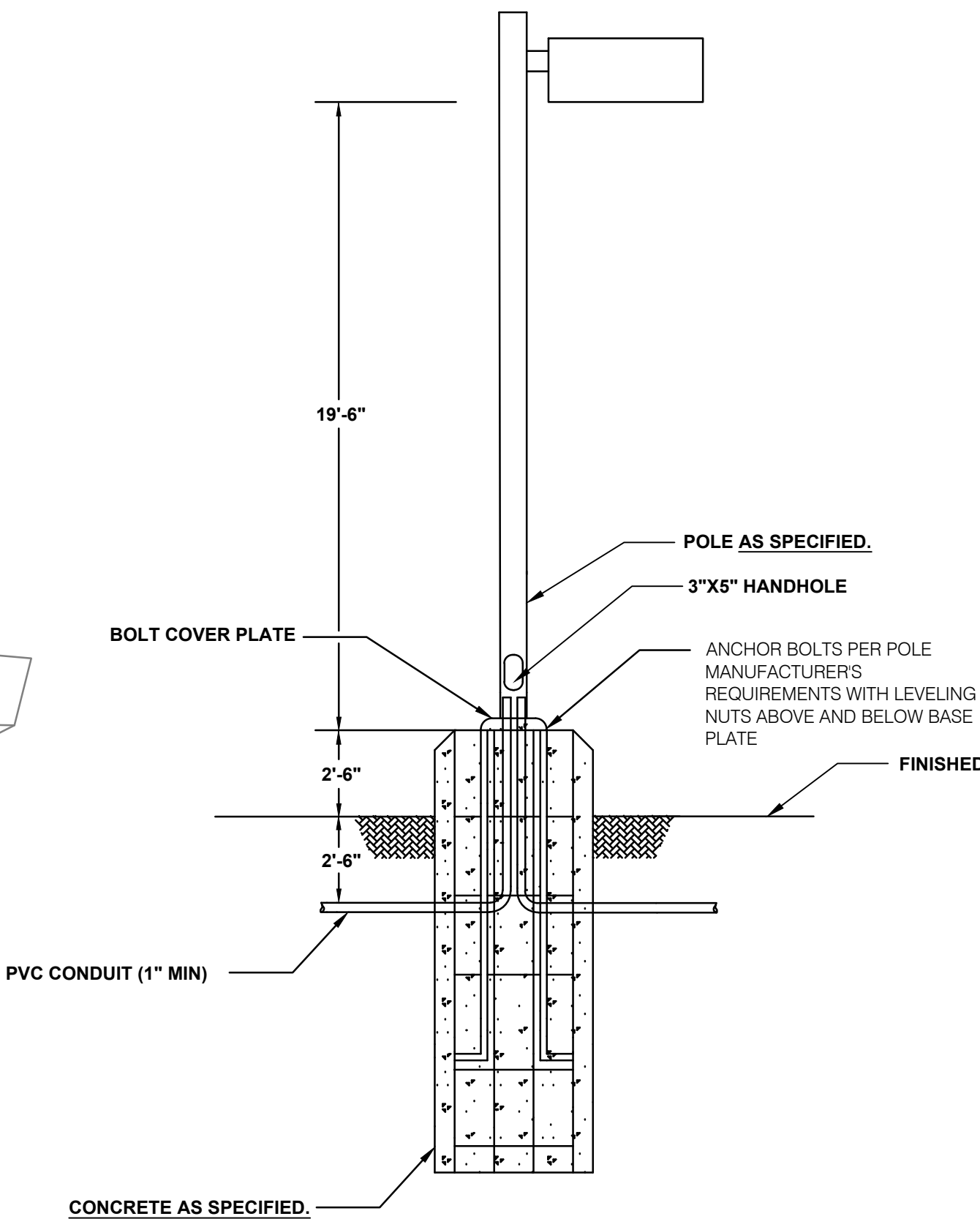
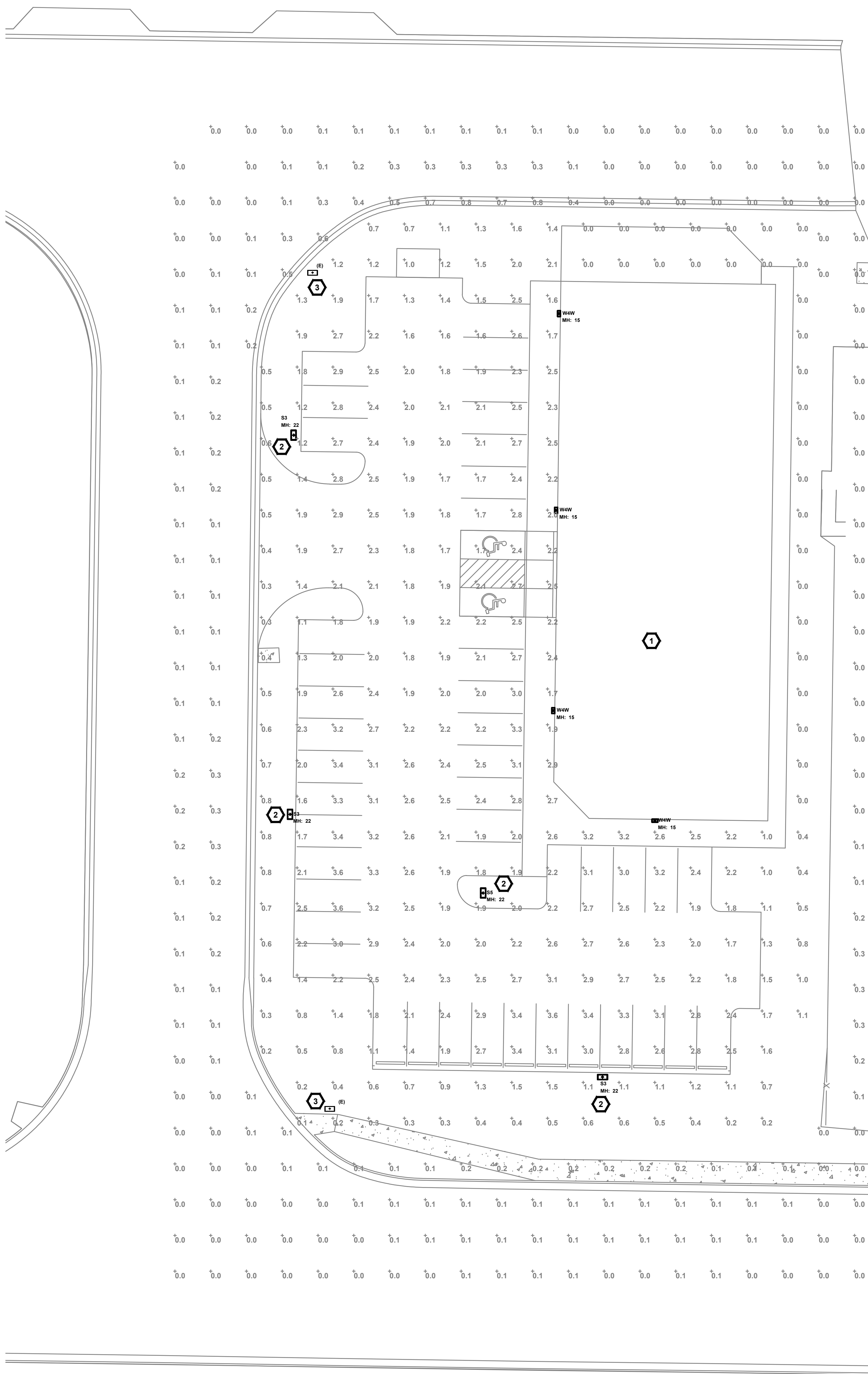
OPTICS

• Optically uniform luminaires designed to create a large luminous surface area resulting in a high quality appearance without secondary lighting

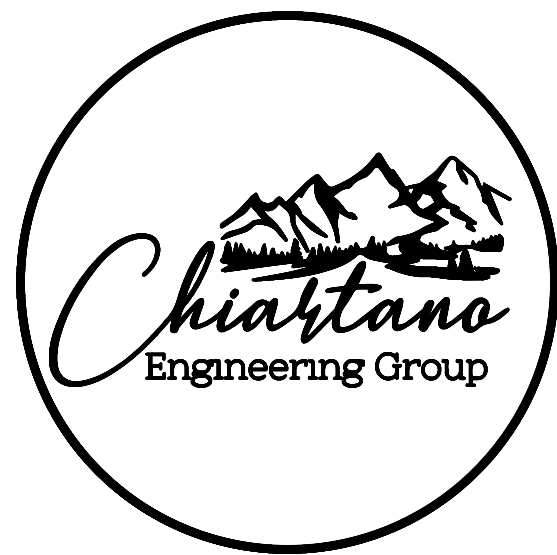
• 4000K, 5000K, 6000K

• 4000K power: 400W (10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 180, 200, 240, 270, 300, 360, 420, 480, 540, 600, 660, 720, 780, 840, 900, 960, 1080, 1200, 1320, 1440, 1560, 1680, 1800, 1920, 2100, 2280, 2460, 2640, 2820, 3000, 3180, 3360, 3540, 3720, 3900, 4080, 4260, 4440, 4620, 4800, 4980, 5160, 5340, 5520, 5700, 5880, 6060, 6240, 6420, 6600, 6780, 6960, 7140, 7320, 7500, 7680, 7860, 8040, 8220, 8400, 8580, 8760, 8940, 9120, 9300, 9480, 9660, 9840, 10020, 10200, 10380, 10560, 10740, 10920, 11100, 11280, 11460, 11640, 11820, 12000, 12180, 12360, 12540, 12720, 12900, 13080, 13260, 13440, 13620, 13800, 13980, 14160, 14340, 14520, 14700, 14880, 15060, 15240, 15420, 15600, 15780, 15960, 16140, 16320, 16500, 16680, 16860, 17040, 17220, 17400, 17580, 17760, 17940, 18120, 18300, 18480, 18660, 18840, 19020, 19200, 19380, 19560, 19740, 19920, 20100, 20280, 20460, 20640, 20820, 21000, 21180, 21360, 21540, 21720, 21900, 22080, 22260, 22440, 22620, 22800, 22980, 23160, 23340, 23520, 23700, 23880, 24060, 24240, 24420, 24600, 24780, 24960, 25140, 25320, 25500, 25680, 25860, 26040, 26220, 26400, 26580, 26760, 26940, 27120, 27300, 27480, 27660, 27840, 28020, 28200, 28380, 28560, 28740, 28920, 29100, 29280, 29460, 29640, 29820, 30000, 30180, 30360, 30540, 30720, 30900, 31080, 31260, 31440, 31620, 31800, 31980, 32160, 32340, 32520, 32700, 32880, 33060, 33240, 33420, 33600, 33780, 33960, 34140, 34320, 34500, 34680, 34860, 35040, 35220, 35400, 35580, 35760, 35940, 36120, 36300, 36480, 36660, 36840, 37020, 37200, 37380, 37560, 37740, 37920, 38100, 38280, 38460, 38640, 38820, 39000, 39180, 39360, 39540, 39720, 39900, 40080, 40260, 40440, 40620, 40800, 40980, 41160, 41340, 41520, 41700, 41880, 42060, 42240, 42420, 42600, 42780, 42960, 43140, 43320, 43500, 43680, 43860, 44040, 44220, 44400, 44580, 44760, 44940, 45120, 45300, 45480, 45660, 45840, 46020, 46200, 46380, 46560, 46740, 46920, 47100, 47280, 47460, 47640, 47820, 48000, 48180, 48360, 48540, 48720, 48900, 49080, 49260, 49440, 49620, 49800, 50000, 50200, 50400, 50600, 50800, 51000, 51200, 51400, 51600, 51800, 52000, 52200, 52400, 52600, 52800, 53000, 53200, 53400, 53600, 53800, 54000, 54200, 54400, 54600, 54800, 55000, 55200, 55400, 55600, 55800, 56000, 56200, 56400, 56600, 56800, 57000, 57200, 57400, 57600, 57800, 58000, 58200, 58400, 58600, 58800, 59000, 59200, 59400, 59600, 59800, 60000, 60200, 60400, 60600, 60800, 61000, 61200, 61400, 61600, 61800, 62000, 62200, 62400, 62600, 62800, 63000, 63200, 63400, 63600, 63800, 64000, 64200, 64400, 64600, 64800, 65000, 65200, 65400, 65600, 65800, 66000, 66200, 66400, 66600, 66800, 67000, 67200, 67400, 67600, 67800, 68000, 68200, 68400, 68600, 68800, 69000, 69200, 69400, 69600, 69800, 70000, 70200, 70400, 70600, 70800, 71000, 71200, 71400, 71600, 71800, 72000, 72200, 72400, 72600, 72800, 73000, 73200, 73400, 73600, 73800, 74000, 74200, 74400, 74600, 74800, 75000, 75200, 75400, 75600, 75800, 76000, 76200, 76400, 76600, 76800, 77000, 77200, 77400, 77600, 77800, 78000, 78200, 78400, 78600, 78800, 79000, 79200, 79400, 79600, 79800, 80000, 80200

 BEACON RATIO Wall RATIO WALL SYSTEMS	DATE: _____		LOCATION: _____		
	TYPE: _____		PROJECT: _____		
	CATALOG # _____				
ORDERING GUIDE CATALOG # _____			Price Breaks:   1-800-828-2222 • 1-800-828-2222 • 1-800-828-2222		
Example: RWML-48-30-360-2-LW-B-E					
RWML Series RWML	48-30-360	360	2-LW-B-E		
48-30-360	1000 Lumens	360	2-LW-B-E		
48-30-360	2000 Lumens	360	2-LW-B-E		
48-30-360	3000 Lumens	360	2-LW-B-E		
48-30-360	4000 Lumens	360	2-LW-B-E		
48-30-360	5000 Lumens	360	2-LW-B-E		
RWML Series RWML	48-30-360	360	2-LW-B-E		
48-30-360	1000 Lumens	360	2-LW-B-E		
48-30-360	2000 Lumens	360	2-LW-B-E		
48-30-360	3000 Lumens	360	2-LW-B-E		
48-30-360	4000 Lumens	360	2-LW-B-E		
48-30-360	5000 Lumens	360	2-LW-B-E		
48-30-360	6000 Lumens	360	2-LW-B-E		
48-30-360	7000 Lumens	360	2-LW-B-E		
48-30-360	8000 Lumens	360	2-LW-B-E		
48-30-360	9000 Lumens	360	2-LW-B-E		
48-30-360	10000 Lumens	360	2-LW-B-E		
48-30-360	11000 Lumens	360	2-LW-B-E		
48-30-360	12000 Lumens	360	2-LW-B-E		
48-30-360	13000 Lumens	360	2-LW-B-E		
48-30-360	14000 Lumens	360	2-LW-B-E		
48-30-360	15000 Lumens	360	2-LW-B-E		
48-30-360	16000 Lumens	360	2-LW-B-E		
48-30-360	17000 Lumens	360	2-LW-B-E		
48-30-360	18000 Lumens	360	2-LW-B-E		
48-30-360	19000 Lumens	360	2-LW-B-E		
48-30-360	20000 Lumens	360	2-LW-B-E		
48-30-360	21000 Lumens	360	2-LW-B-E		
48-30-360	22000 Lumens	360	2-LW-B-E		
48-30-360	23000 Lumens	360	2-LW-B-E		
48-30-360	24000 Lumens	360	2-LW-B-E		
48-30-360	25000 Lumens	360	2-LW-B-E		
48-30-360	26000 Lumens	360	2-LW-B-E		
48-30-360	27000 Lumens	360	2-LW-B-E		
48-30-360	28000 Lumens	360	2-LW-B-E		
48-30-360	29000 Lumens	360	2-LW-B-E		
48-30-360	30000 Lumens	360	2-LW-B-E		
48-30-360	31000 Lumens	360	2-LW-B-E		
48-30-360	32000 Lumens	360	2-LW-B-E		
48-30-360	33000 Lumens	360	2-LW-B-E		
48-30-360	34000 Lumens	360	2-LW-B-E		
48-30-360	35000 Lumens	360	2-LW-B-E		
48-30-360	36000 Lumens	360	2-LW-B-E		
48-30-360	37000 Lumens	360	2-LW-B-E		
48-30-360	38000 Lumens	360	2-LW-B-E		
48-30-360	39000 Lumens	360	2-LW-B-E		
48-30-360	40000 Lumens	360	2-LW-B-E		
48-30-360	41000 Lumens	360	2-LW-B-E		
48-30-360	42000 Lumens	360	2-LW-B-E		
48-30-360	43000 Lumens	360	2-LW-B-E		
48-30-360	44000 Lumens	360	2-LW-B-E		
48-30-360	45000 Lumens	360	2-LW-B-E		
48-30-360	46000 Lumens	360	2-LW-B-E		
48-30-360	47000 Lumens	360	2-LW-B-E		
48-30-360	48000 Lumens	360	2-LW-B-E		
48-30-360	49000 Lumens	360	2-LW-B-E		
48-30-360	50000 Lumens	360	2-LW-B-E		
48-30-360	51000 Lumens	360	2-LW-B-E		
48-30-360	52000 Lumens	360	2-LW-B-E		
48-30-360	53000 Lumens	360	2-LW-B-E		
48-30-360	54000 Lumens	360	2-LW-B-E		
48-30-360	55000 Lumens	360	2-LW-B-E		
48-30-360	56000 Lumens	360	2-LW-B-E		
48-30-360	57000 Lumens	360	2-LW-B-E		
48-30-360	58000 Lumens	360	2-LW-B-E		
48-30-360	59000 Lumens	360	2-LW-B-E		
48-30-360	60000 Lumens	360	2-LW-B-E		
48-30-360	61000 Lumens	360	2-LW-B-E		
48-30-360	62000 Lumens	360	2-LW-B-E		
48-30-360	63000 Lumens	360	2-LW-B-E		
48-30-360	64000 Lumens	360	2-LW-B-E		
48-30-360	65000 Lumens	360	2-LW-B-E		
48-30-360	66000 Lumens	360			




POLE BASE DETAIL
SCALE: NTS

**ENGINEER SEAL:**

10186 MT. LINCOLN DR. PEYTON, CO 80831
INFO@CHIARTANOEG.COM
719.257.2091

**ROLLING THUNDER CORE AND SHELL
10707 MALTESE POINT
COLORADO SPRINGS, CO**

	ISSUED FOR REVIEW	XX/XX/XX
NO.	REVISION	DATE

PROJECT NO: 24-0567
DRAWN BY: MPC
CHECKED BY: MPC
DATE: 03/29/2024

SHEET CONTENTS:

SITE PHOTOMETRIC PLAN

E100A

SHEET NUMBER:

ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER OF RECORD. THEY ARE ONLY TO BE USED FOR THIS PROJECT AND ARE NOT TO BE USED ON ANY OTHER PROJECT WITHOUT WRITTEN AGREEMENT AND APPROPRIATE COMPENSATION TO THE ENGINEER OF RECORD.

GENERAL NOTES

- A. DRAWINGS ARE BASED ON RECORD DRAWINGS (NOT GUARANTEED TO BE CURRENT AT TIME OF CONSTRUCTION) AND THE INVESTIGATOR SHALL BE RESPONSIBLE FOR THE PLANS AND VISIT THE SITE TO FIELD VERIFY ACTUAL CONDITIONS AND COORDINATE SAME WITH OTHER TRADES PRIOR TO STARTING WORK.
- B. A LICENSED AND BONDED CONTRACTOR SHALL BE USED FOR INSTALLATION. ALL LOCAL CODES SHALL BE FOLLOWED DURING INSTALLATION.
- C. ALL LIGHTING FIXTURES SHALL BE FULL CUT-OFF OR HAVE SHIELDING TO REDUCE OFF-SITE LIGHTING IMPACTS ONTO ADJACENT PROPERTIES AND ROADWAYS. ALL EXTERIOR LIGHTING SHALL BE DESIGNED TO MINIMIZE LIGHT DIRECTED AWAY FROM ADJACENT PROPERTIES AND ANY PUBLIC RIGHT-OF-WAY. AN AMENDMENT TO THIS PLAN MAY BE REQUIRED IF THE LIGHTING DESIGN CHANGES.
- D. A FINAL COMMISSIONING REPORT SHALL BE DELIVERED TO THE BUILDING OWNER PER SECTION C408.2.5 OF THE 2021 IECC.

KEYNOTES

- 1 LIGHTING FOR THE WALKWAYS WILL BE PROVIDED BY WALL-MOUNTED DOWN CASTING FIXTURES LOCATED ON PROPOSED BUILDING. FINAL LOCATION TO BE DETERMINED DURING BUILDING DESIGN.
- 2 EXTERIOR LIGHTING, EXCEPT SECURITY LIGHTING, WILL BE CONTROLLED BY A TIME CLOCK TO BE TURNED OFF DURING NON-OPERATING HOURS.
- 3 LIGHT POLE IS EXISTING TO REMAIN.

SHEET NUMBER: