2017 JUN -1 PM 2:31

EL DORADO COUNTY PLANNING SERVICES

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PLANNING DEPARTMENT

2850 Fairlane Court, Placerville, CA 95667 (530) 621-5355 http://edcgov.us/Planning/

ADM 17-0043

APPLICATION FOR: ADMINISTRATIVE PERMIT FILE # ~~DR 17-00055~~

ASSESSOR'S PARCEL NO.(s) 117-490-01-100

PROJECT NAME/REQUEST: (Describe proposed use) The Portico at Carson Crossing

The proposed use is for 1 retail building and 3 medical office buildings.

APPLICANT/AGENT Anthony Scotch

Mailing Address P.O. Box 1977 Folsom, CA 95630
P.O. Box or Street City State & Zip

Phone (916) 425-3330 EMAIL: agscotchassoc@gmail.com

PROPERTY OWNER Portico El Dorado Hills Business Park Investors, LLC

Mailing Address P.O. Box 1977 Folsom, CA 95630
P.O. Box or Street City State & Zip

Phone (916) 415-3330 EMAIL: agscotchassoc@gmail.com

LIST ADDITIONAL PROPERTY OWNERS ON SEPARATE SHEET IF APPLICABLE

ENGINEER/ARCHITECT Brian Williams - PWC Architects

Mailing Address 3320 Data Drive #200, Rancho Cordova, CA 95670
P.O. Box or Street City State & Zip

Phone (916) 851-1400 EMAIL: brianw@pwcarchitects.com

LOCATION: The property is located on the West (N / E / W / S) side of Carson Crossing Road (street or road)

0 feet/miles South (N / E / W / S) of the intersection with White Rock Road (major street or road)

in the Carson Creek area. PROPERTY SIZE 4.11 AC (179,032 S.F.) (acreage / square footage)

X [signature] Date June 1, 2017
signature of property owner or authorized agent

FOR OFFICE USE ONLY

Date 6-1-2017 Fee $ 583.00 Receipt # 30395 Rec'd by [initials] Census ______

Zoning C-CC GPD AP Supervisor Dist 1 Sec 14 & 15 Twn 9N Rng 8E

ACTION BY: ______ **DIRECTOR** ______ **ZONING ADMINISTRATOR**

Hearing Date ______

Approved ______ Denied ______
Findings and/or conditions attached

Approved ______ Denied ______
findings and/or conditions attached

APPEAL:
Approved ______ Denied ______

______
Title

(Application Revised 3/2017)

ADM 17-0043

PERKINS, WILLIAMS & COTTERILL
ARCHITECTS
3320 DATA DRIVE, SUITE 200
RANCHO CORDOVA, CA 95670
(916) 851-1400 FAX: 851-1408

TO: Anthony Scotch

ATTN:

DATE: 5-30-17

PROJECT: The Portico at Carson Crossing

PROJECT NO: 17310

WE HEREBY TRANSMIT:

☐ HEREWITH VIA:

☐ UNDER SEPARATE COVER VIA:

THE FOLLOWING:

☐ CORRESPONDENCE/DOCUMENTS AS FOLLOWS:

	NO. COPIES	DATED

☒ DRAWINGS AS FOLLOWS:

	NO. COPIES	DATED
Planning Dwgs	2 sets	5-26-17
Reduced set 11x17	1 set	5-26-17

☐ SPECIFICATIONS:

☒ OTHER AS FOLLOWS:

	NO. COPIES	DATED
8.5x11 Renderings	2	
8.5x11 Vicinity map	1	
Color board	1	
CD - Digital dwgs	1	
Project narrative	1	

COMMENTS:

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☐ **RESPONSE REQUESTED NO LATER THAN:**

SENT BY:
Chris Newman

ADM 17-0043

May 30, 2017

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County of El Dorado
Development Services Department
Planning and Environmental Review

Re: **Project Narrative**

Project: Portico at Carson Crossing

This application is requesting a site plan review for a commercial development with the Carson Creek specific plan. The project consists of four (4) buildings totaling approximately 40,000 square feet. The buildings would allow for a mix of retail and medical office uses. The property is identified by assessor's Parcel Number 117-490-01, consisting of +/- 4.11 acres and is located south of White Rock Road and west of the intersection at Carson Crossing Drive, in El Dorado Hills.

The site is undeveloped, surrounded with residential to the north and east and undeveloped grassland to the west and south. Access to the property would occur from Carson Crossing Drive and proposed parking will be screened from street views by proposed buildings. The parking area will be fully landscaped and include LED site lighting equipped with full cut-off fixtures to avoid light spreading off-site.

The buildings will be one-story with articulated parapet lines and roof forms offering a compatible scale to neighboring residential. The building materials include a warm color palette, cement plaster exterior finish with decorative stone accents for visual interest. A plaza and trellis feature is proposed at the corner of White Rock and Carson Crossing Drive to support the retail functions and create a sense of place. The architecture of all the buildings present a 'four-sided' look so views to and from the site are enhanced.

The Portico at Carson Crossing development intends to offer retail and medical or general office services to the El Dorado County community and respond to local needs. This project went through the entire meeting and review process was previously approved in 2008. Unfortunately the economy and market conditions prevented us from moving forward to develop. The only changes to the previously approved design plan are code updates, site and lighting updates, No other changes have been made. Your careful consideration of this Site Plan Review request is appreciated.

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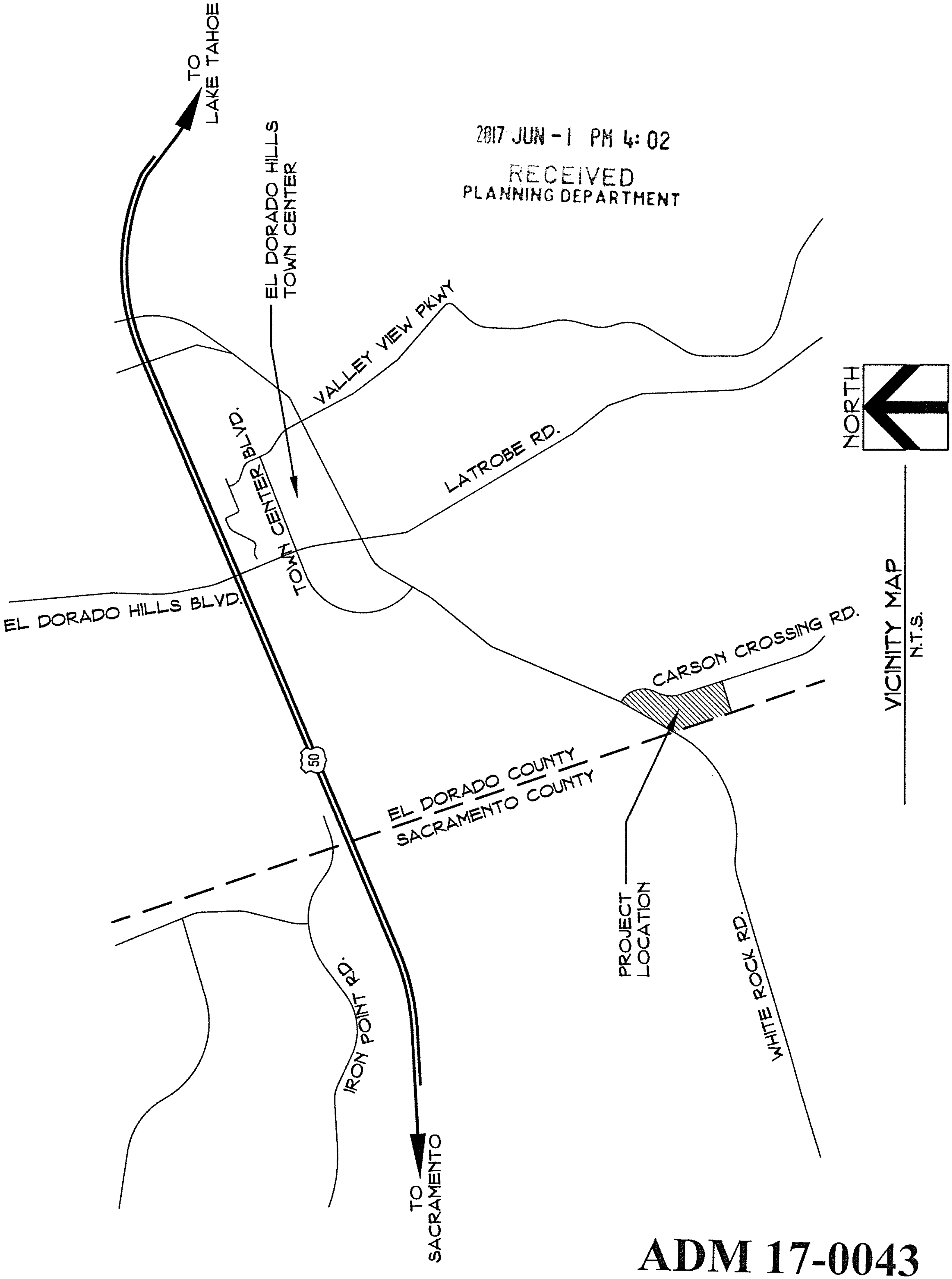

ADM 17-0043

RETAIL / OFFICE CENTER

CARSON CROSSING & WHITE ROCK ROAD

ADM 17-0043

PORTICO DEVELOPMENT, LLC
P.O. BOX 1977 FOLSOM, CA 95630
(916) 425-3330

PERKINS, WILLIAMS & COTTERILL
A·R·C·H·I·T·E·C·T·S
3320 DATA DRIVE, SUITE 200 RANCHO CORDOVA, CA 95670
Phone: (916) 851-1400 Fax: (916) 851-1408

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RETAIL / OFFICE CENTER

CARSON CROSSING & WHITE ROCK ROAD

ADM 17-0043

PORTICO DEVELOPMENT, LLC
P.O. BOX 1977 FOLSOM, CA 95630
(916) 425-3330

PERKINS, WILLIAMS & COTTERILL
A·R·C·H·I·T·E·C·T·S
3320 DATA DRIVE, SUITE 200 RANCHO CORDOVA, CA 95670
Phone: (916) 851-1400 Fax: (916) 851-1408

Streetworks

DESCRIPTION

The Talon luminaire is the most versatile, functionally designed, universally adaptable outdoor luminaire available. Incorporating modular LED LightBAR™ technology, Talon brings outstanding uniformity and energy conscious illumination to walkways, parking lots, roadways, building areas and any security lighting application. UL/cUL listed for wet locations.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

One-piece heavy-wall, die-cast aluminum construction with integral reveal channels along top surface of housing. Optimized for reliable operation from 40°C down to -40°C, internal cast-in wall separates optical and electrical chambers allowing components to operate cooler. Stainless steel latches and hinges allow for tool-less opening and removal of door frame.

Optics

Choice of twelve patented, high-efficiency AccuLED Optics™ distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K CCT, 5000K CCT and 5700K CCT. For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed. The house-side shield is designed to seamlessly integrate with the SL2, SL3 or SL4 optics.

Electrical

LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Greater than 0.9 power factor, less than 20% harmonic distortion. All fixtures are shipped standard with 10kV/10kA common – and differential – mode surge protection. LightBARs feature an IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Occupancy sensor and dimming options available.

Mounting

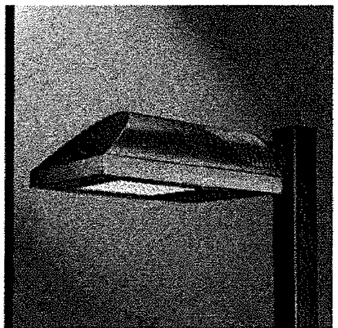
Extruded 8" aluminum arm includes internal bolt guides allowing for easy positioning of fixture during installation to pole or wall surface. Standard single carton packaging of housing, square pole arm and round pole adapter for contractor friendly arrival of product on site. 3G vibration rated.

Finish

Housing and arm finished in a five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty

Five-year warranty.

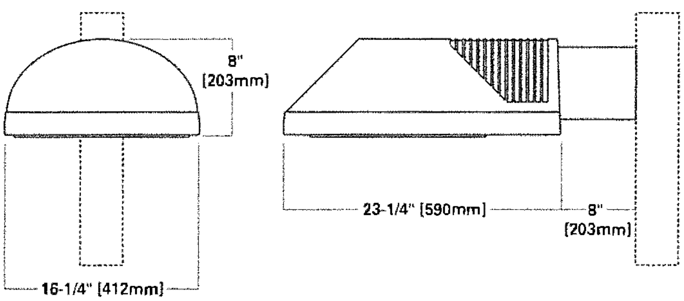


TMU
TALON MEDIUM LED

1 - 6 LightBARs
Solid State LED

ARCHITECTURAL AREA LUMINAIRE

DIMENSIONS



CERTIFICATION DATA

UL/cUL Listed
IP66 LightBARs
3G Vibration Rated
ISO 9001
DesignLights Consortium™ Qualified*

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 & 60Hz, 347V/60Hz, 480V/60Hz
-40°C Minimum Temperature
40°C Maximum Ambient Temperature

EPA

Effective Projected Area: (Sq. Ft.)
Luminaire w/o Arm: 0.79
Luminaire w/ Arm: 1.89
8" Arm: 0.43

SHIPPING DATA

Approximate Net Weight:
42 lbs. (19.09 kgs.)

ADM 17-0043

EATON
Powering Business Worldwide

*www.designlights.org

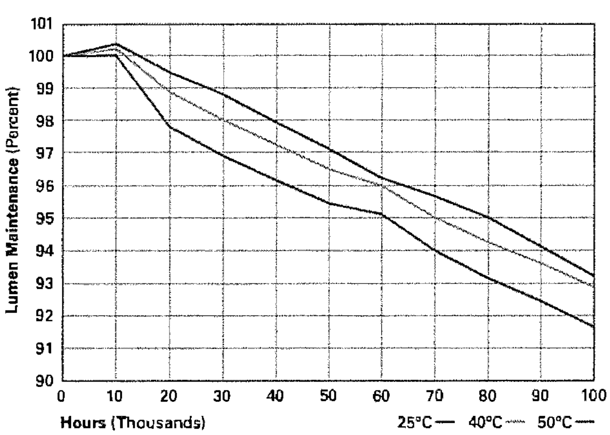
POWER AND LUMENS BY BAR COUNT (21 LED LIGHTBARS)

Number of LightBARs		E01	E02	E03	E04	E05	E06
Drive Current		350mA Drive Current					
Power (Watts)		25W	52W	75W	97W	127W	149W
Current @ 120V (A)		0.22	0.44	0.63	0.82	1.07	1.26
Current @ 277V (A)		0.10	0.20	0.28	0.36	0.48	0.56
Power (Watts)		31W	58W	82W	99W	132W	159W
Current @ 347V (A)		0.11	0.19	0.28	0.29	0.39	0.48
Current @ 480V (A)		0.09	0.15	0.20	0.21	0.30	0.36
T2	Lumens	3,064	6,128	9,192	12,255	15,319	18,383
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
T3	Lumens	3,084	6,168	9,252	12,336	15,420	18,504
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
T4	Lumens	3,022	6,044	9,066	12,088	15,110	18,132
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3
5MQ	Lumens	3,224	6,448	9,672	12,896	16,120	19,344
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
5WQ	Lumens	3,184	6,368	9,551	12,735	15,919	19,103
	BUG Rating	B2-U0-G1	B3-U0-G1	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3
5XQ	Lumens	3,181	6,361	9,542	12,722	15,903	19,083
	BUG Rating	B2-U0-G2	B3-U0-G2	B3-U0-G3	B4-U0-G3	B4-U0-G4	B4-U0-G4
SL2	Lumens	3,055	6,110	9,165	12,220	15,275	18,331
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
SL3	Lumens	3,036	6,072	9,108	12,145	15,181	18,217
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3
SL4	Lumens	2,954	5,908	8,862	11,816	14,771	17,725
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3
RW	Lumens	3,124	6,248	9,372	12,496	15,620	18,744
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4	B4-U0-G4
SLL/SLR	Lumens	2,782	5,565	8,347	11,130	13,912	16,695
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G4

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours	Theoretical L70 (Hours)
25°C	> 99%	> 97%	> 96%	> 93%	> 450,000
40°C	> 98%	> 97%	> 96%	> 92%	> 425,000
50°C	> 97%	> 96%	> 95%	> 91%	> 400,000

* Per IESNA TM-21 data.



LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99
50°C	0.96

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

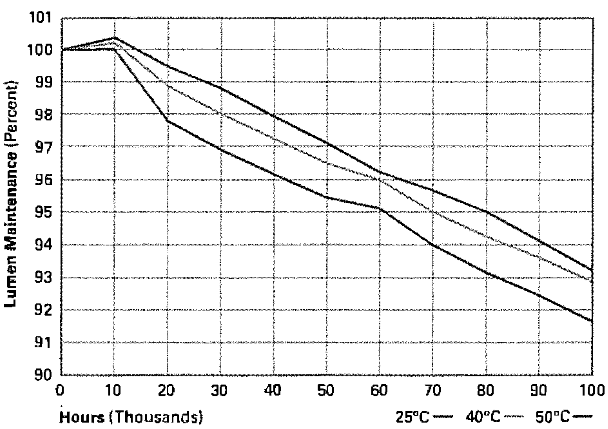
POWER AND LUMENS BY BAR COUNT (7 LED LIGHTBARS)

Number of LightBARs		F01	F02	F03	F04	F05	F06
Drive Current		1A Drive Current					
Power (Watts)		26W	55W	78W	102W	133W	157W
Current @ 120V (A)		0.22	0.46	0.66	0.86	1.12	1.31
Current @ 277V (A)		0.10	0.21	0.29	0.37	0.50	0.58
Power (Watts)		32W	60W	85W	105W	137W	164W
Current @ 347V (A)		0.11	0.19	0.28	0.30	0.41	0.49
Current @ 480V (A)		0.09	0.15	0.21	0.22	0.31	0.37
T2	Lumens	2,529	5,059	7,588	10,117	12,646	15,176
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
T3	Lumens	2,546	5,092	7,638	10,183	12,729	15,275
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
T4	Lumens	2,495	4,990	7,484	9,979	12,474	14,969
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
5MQ	Lumens	2,662	5,323	7,985	10,646	13,308	15,969
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2
5WQ	Lumens	2,628	5,257	7,885	10,513	13,142	15,770
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
5XQ	Lumens	2,626	5,251	7,877	10,502	13,128	15,754
	BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3	B4-U0-G3	B4-U0-G4
SL2	Lumens	2,522	5,044	7,566	10,088	12,610	15,132
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3
SL3	Lumens	2,506	5,013	7,519	10,026	12,532	15,039
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
SL4	Lumens	2,439	4,877	7,316	9,755	12,193	14,632
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G3
RW	Lumens	2,579	5,158	7,737	10,316	12,894	15,473
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4
SLL/SLR	Lumens	2,297	4,594	6,891	9,188	11,485	13,782
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G3

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours	Theoretical L70 (Hours)
25°C	> 99%	> 97%	> 96%	> 93%	> 450,000
40°C	> 98%	> 97%	> 96%	> 92%	> 425,000
50°C	> 97%	> 96%	> 95%	> 91%	> 400,000

* Per IESNA TM-21 data.

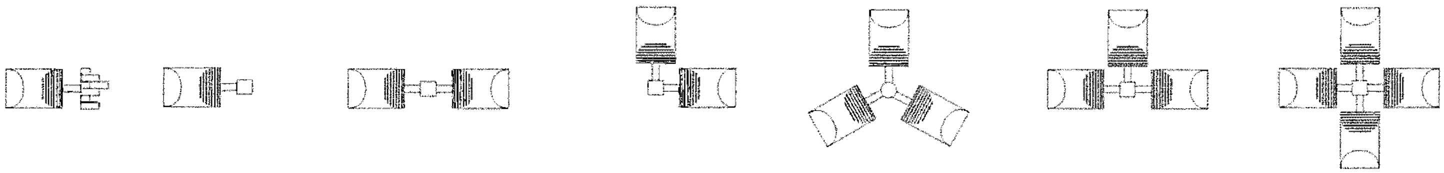


LUMEN MULTIPLIER

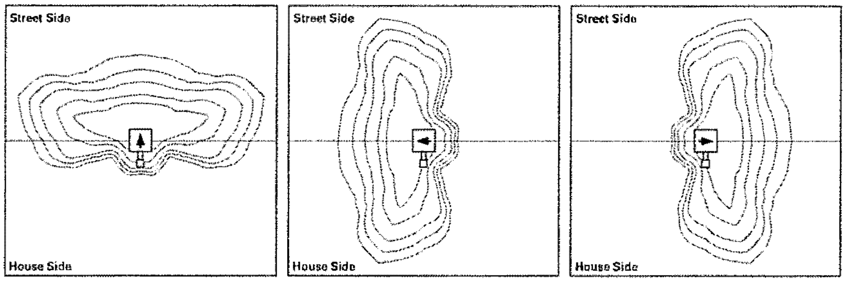
Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99
50°C	0.96

MOUNTING CONFIGURATIONS

Wall Mount	Arm Mount Single	Arm Mount 2 @ 180°	Arm Mount 2 @ 90°	Arm Mount 3 @ 120°	Arm Mount 3 @ 90°	Arm Mount 4 @ 90°
	EPA 1.89	EPA 3.55	EPA 3.43	(Round Pole Only) EPA 3.69	EPA 3.92	EPA 4.17



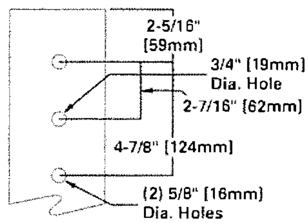
OPTIC ORIENTATION



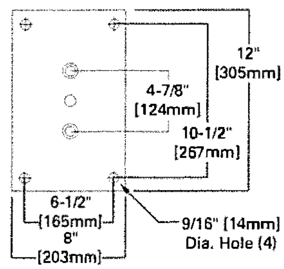
Standard | Optics Rotated Left @ 90° [L90] | Optics Rotated Right @ 90° [R90]

ARM DRILLING

TYPE "M"



WALL MOUNT



ORDERING INFORMATION

Sample Number: TMU-E04-LED-E-U-T3-AP

Product Family [1,2,3]	Number of LightBARs [4,5]	Lamp Type	Ballast Type	Voltage	Distribution	Color [7]
TMU=Talon Medium	**E01**=(1) 21 LED LightBAR **E02**=(2) 21 LED LightBARs **E03**=(3) 21 LED LightBARs **E04**=(4) 21 LED LightBARs **E05**=(5) 21 LED LightBARs **E06**=(6) 21 LED LightBARs **F01**=(1) 7 LED LightBAR **F02**=(2) 7 LED LightBARs **F03**=(3) 7 LED LightBARs **F04**=(4) 7 LED LightBARs **F05**=(5) 7 LED LightBARs **F06**=(6) 7 LED LightBARs	**LED**=Solid State Light Emitting Diodes	**E**=Electronic **D**=0-10V Dimming Drivers	**U**=Universal (120-277V) **8**=480V [6] **9**=347V	**T2**=Type II **T3**=Type III **T4**=Type IV **5MQ**=Type V Square Medium **5WQ**=Type V Square Wide **5XQ**=Type V Square Extra Wide **RW**=Rectangular Wide **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)	Accessories (Order Separately) [15]
7030=70 CRI / 3000K CCT [8] **7050**=70 CRI / 5000K CCT [8] **7060**=70 CRI / 5700K CCT [8] **8030**=80 CRI / 3000K CCT [8] **P**=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) **3**=Three-Position Terminal Block **4**=NEMA Twistlock Photocontrol Receptacle **4N7**=7-PIN Twistlock Photocontrol Receptacle **2L**=Two Circuits [9] **U**=UL Listed/CSA Certified **R**=Electrical Power Tray **L90**=Optics Rotated Left 90° **R90**=Optics Rotated Right 90° **LCF**=LightBAR Cover Plate Matches Housing Finish **DM**=Direct Mount for Round or Square Pole **DW**=Direct Wall Mount **MS**=External Mast Arm Adapter **WM**=Wall Mount with Arm **MS-LXX**=Motion Sensor for On/Off Operation [10] **MS/X-LXX**=Motion Sensor for Bi-Level Operation [11] **MS/DIM-LXX**=Motion Sensor for Dimming Operation [12,13] **HSS**=Factory Installed House Side Shield [14]	**MA1010-XX**=Single Tenon Adapter for 3-1/2" O.D. Tenon **MA1011-XX**=2@180° Tenon Adapter for 3-1/2" O.D. Tenon **MA1012-XX**=3@120° Tenon Adapter for 3-1/2" O.D. Tenon **MA1013-XX**=4@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1014-XX**=2@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1015-XX**=2@120° Tenon Adapter for 3-1/2" O.D. Tenon **MA1016-XX**=3@90° Tenon Adapter for 3-1/2" O.D. Tenon **MA1017-XX**=Single Tenon Adapter for 2-3/8" O.D. Tenon **MA1018-XX**=2@180° Tenon Adapter for 2-3/8" O.D. Tenon **MA1019-XX**=3@120° Tenon Adapter for 2-3/8" O.D. Tenon **MA1045-XX**=4@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1048-XX**=2@90° Tenon Adapter for 2-3/8" O.D. Tenon **MA1049-XX**=3@90° Tenon Adapter for 2-3/8" O.D. Tenon **FSIR-100**=Wireless Configuration Tool for Occupancy Sensor [16] **OA/RA1016**=NEMA Twistlock Photocontrol - Multi-Tap **OA/RA1027**=NEMA Twistlock Photocontrol - 480V **OA/RA1201**=NEMA Twistlock Photocontrol - 347V **OA/RA1013**=Photocontrol Shorting Cap **MA1253**=10kV Circuit Module Replacement **LB/HSS-21**=Field Installed House Side Shield for "E" LightBARs [17] **LB/HSS-07**=Field Installed House Side Shield for "F" LightBARs [17]

NOTES:
1. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
2. DesignLights Consortium™ Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.
3. 8" Arm and round pole adapter included with fixture.
4. Standard 4000K CCT and nominal 70CRI.
5. 21 LED LightBAR powered at 350mA, 7 LED LightBAR powered at 1A.
6. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
7. Custom and RAL color matching available upon request. Consult your lighting representative at Eaton for more information.
8. Extended lead times apply. See website for IES files.
9. Low-Level output varies by bar count specified. Consult factory for more information.
10. Sensor housed in external box mounted to the luminaire. Available in E02-E6 and F02-F6 configurations. Replace XX with mounting height in feet for proper lens selection, (e.g., MS-L25). Consult factory for additional information.
11. Sensor housed in external box mounted to the luminaire. Available in E02-E6 and F02-F6 configurations. Replace X with number of bars operating in low output mode and replace XX with mounting height for proper lens selection, (e.g., MS/3-L25). Maximum 4 bars in low output mode. Consult factory for additional information.
12. Only available in E02-E06 and F02-F06. Not available in 347V or 480V. Must specify dimming driver.
13. Replace XX with mounting height in feet for proper lens selection, (e.g., MS/DIM-L25).
14. Only for use with SL2, SL3 and SL4 distributions. Not available with L90 or R90 options.
15. Replace XX with color suffix.
16. Only compatible with MS/DIM-LXX motion sensor.
17. One required for each LightBAR. Not available with L90 or R90 options.

Invue

DESCRIPTION

The Entri LED luminaire features a classic and stylish design with the added benefits of solid state lighting technology, offering outstanding uniformity and energy savings. Using Eaton's proprietary LED LightBAR™ technology and AccuLED Optics™ system, the Entri LED luminaire offers designers vast versatility in system design, function and performance. Use Entri LED for wall mount architectural lighting applications and egress lighting requirements. UL/cUL listed for use in wet locations.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
HOUSING: Heavy wall, one-piece, die-cast aluminum construction for precise tolerance control and repeatability in manufacturing. Integral extruded aluminum heat sink provides superior thermal heat transfer in +40°C ambient environments. FACEPLATE / DOOR: One-piece, die-cast aluminum construction. Captive, side hinged faceplate swings open via release of one flush mount die-cast aluminum latch on housing side panel. GASKET: One-piece molded silicone gasket mates perfectly between the door and housing for repeatable seal. LENS: Uplight lens is impact-resistant, 5/32" thick tempered frosted glass sealed to housing with continuous bead silicone gasket. Downlight lens is LED board integrated acrylic over-optics, each individually sealed for IP66 rating. HARDWARE: Stainless steel mounting screws and latch hardware allow access to electrical components for installation and servicing.

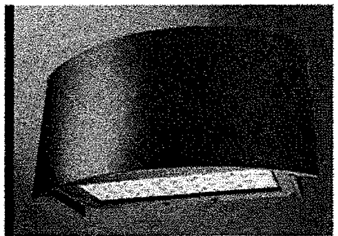
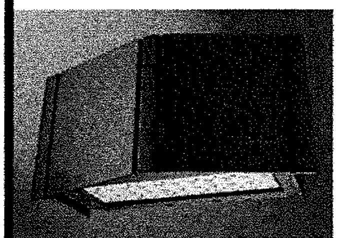
Optics
Choice of six patented, high-efficiency AccuLED Optic distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optic technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K CCT and 5000K CCT.

Electrical
LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Greater than 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments. All fixtures are shipped standard with 10kV/10kA common – and differential – mode surge protection. LightBARs feature and IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Emergency egress options for -20°C ambient environments, occupancy sensor and dimming options available.

Mounting
JUNCTION BOX: Standard with zinc-plated, quick-mount junction box plate that mounts directly to 4" J-Box. LightBARs mount facing downward. Fixture slides over mounting plate and is secured with two stainless steel fasteners. Mounting plate features a one-piece EPDM gasket on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particulates. Optional mounting arrangements utilize a die-cast mounting adaptor box to allow for LED battery pack, surface conduit and through branch wiring. The Entri LED luminaire is approved for mounting on combustible surfaces.

Finish
Housing is finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. LightBAR cover plates are standard white and may be specified to match finish of luminaire housing. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult Outdoor Architectural Colors brochure for a complete selection.

Warranty
Five-year warranty.

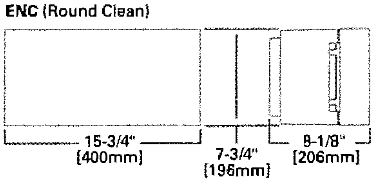

ENC/ENT/ENV
ENTRI LED

1 - 2 LightBARs
Solid State LED

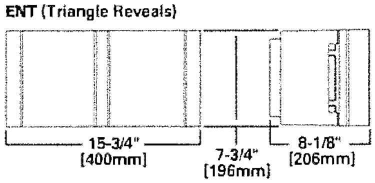
ARCHITECTURAL WALL LUMINAIRE

DIMENSIONS

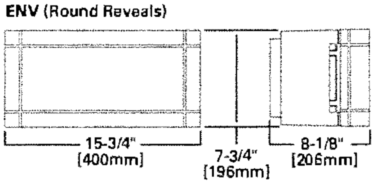
ENC (Round Clean)



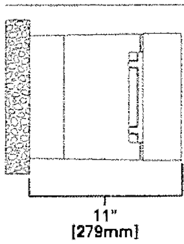
ENT (Triangle Reveals)



ENV (Round Reveals)



CONDUIT MOUNT / BATTERY BACK BOX



CERTIFICATION DATA
UL/cUL Listed
ISO 9001
IP66 LightBARs
LM79 / LM80 Compliant

ENERGY DATA
Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 & 60Hz, 347V/60Hz, 480V/60Hz
-30°C Minimum Temperature
40°C Ambient Temperature Rating

SHIPPING DATA
Approximate Net Weight:
16 lbs. (7.3 kgs.)

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ADM 17-0043

CONTROL OPTIONS

0-10V

This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

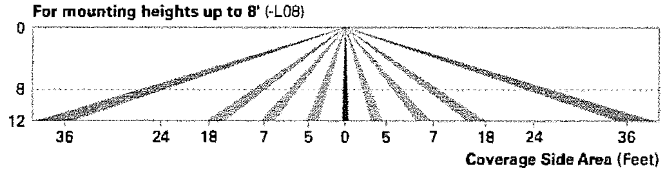
Dimming Occupancy Sensor (MS/DIM-LXX and MS-LXX)

These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. The MS/X-LXX is also preset for five minutes and only controls the specified number of light engines to maintain steady output from the remaining light engines.

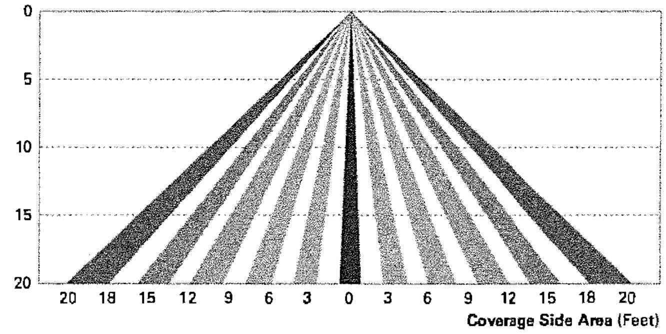
These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-40'.

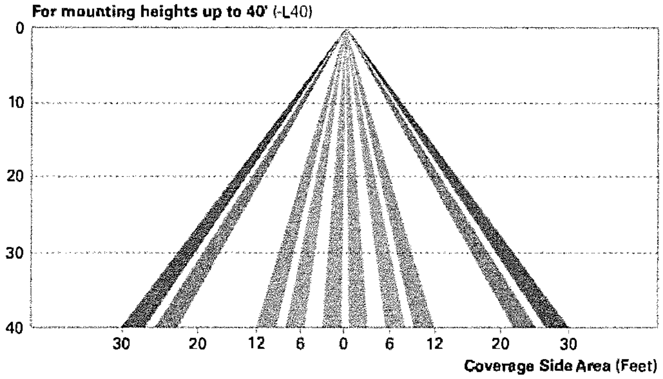
For mounting heights up to 8' (-L08)



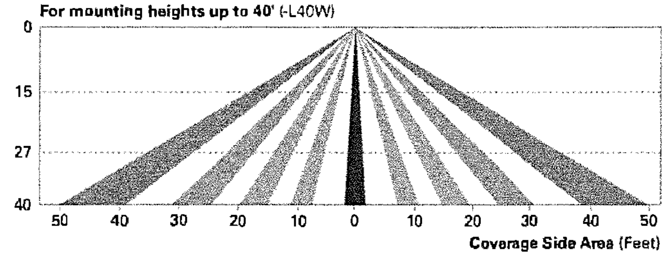
For mounting heights up to 20' (-L20)



For mounting heights up to 40' (-L40)



For mounting heights up to 40' (-L40W)

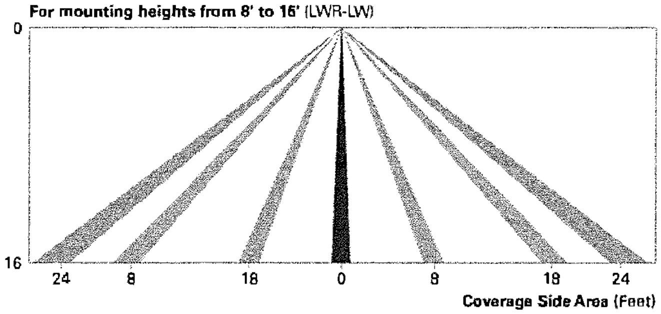


LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)

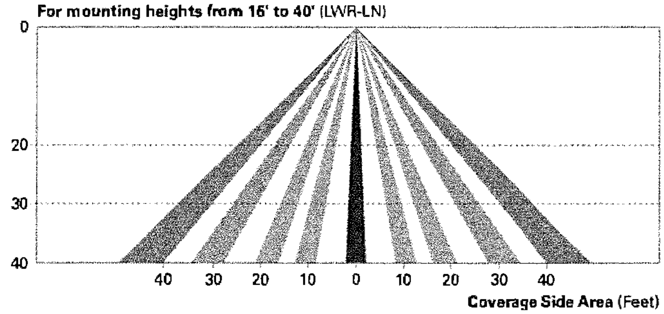
The LumaWatt Pro system is a peer-to-peer wireless network of luminaire-integral sensors for any sized project. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication. The end-user can securely create and manage sensor profiles with browser-based management software. The software will automatically broadcast to the sensors via wireless gateways for zone-based and individual luminaire control. The LumaWatt Pro software provides smart building solutions by utilizing the sensor to provide easy-to-use dashboard and analytic capabilities such as improved energy savings, traffic flow analysis, building management software integration and more.

For additional details, refer to the LumaWatt Pro product guides.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)



POWER AND LUMENS BY BAR COUNT

Number of LightBARs		E01	E02	F01	F02
		21 LED LightBAR		7 LED LightBAR	
Drive Current		350mA		1A	
Power (Watts)	120-277V	25W	47W	26W	50W
Current (A)	120V	0.22	0.40	0.22	0.42
	277V	0.10	0.18	0.10	0.19
Power (Watts)	347V or 480V	31W	52W	32W	55W
Current (A)	347V	0.11	0.16	0.11	0.17
	480V	0.16	0.18	0.16	0.18
Optics					
BL2	Lumens	2,738	5,476	2,260	4,521
	Bug Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
BL3	Lumens	2,702	5,405	2,231	4,462
	Bug Rating	B1-U0-G1	B1-U0-G2	B1-U0-G1	B1-U0-G1
BL4	Lumens	2,613	5,225	2,157	4,313
	Bug Rating	B1-U0-G1	B1-U0-G2	B1-U0-G1	B1-U0-G1
GZW	Lumens	2,785	5,570	2,299	4,598
	Bug Rating	B2-U0-G2	B3-U0-G3	B1-U0-G1	B2-U0-G2
SLR/SLL	Lumens	2,435	4,869	2,010	4,020
	Bug Rating	B1-U0-G1	B1-U0-G2	B1-U0-G1	B1-U0-G2

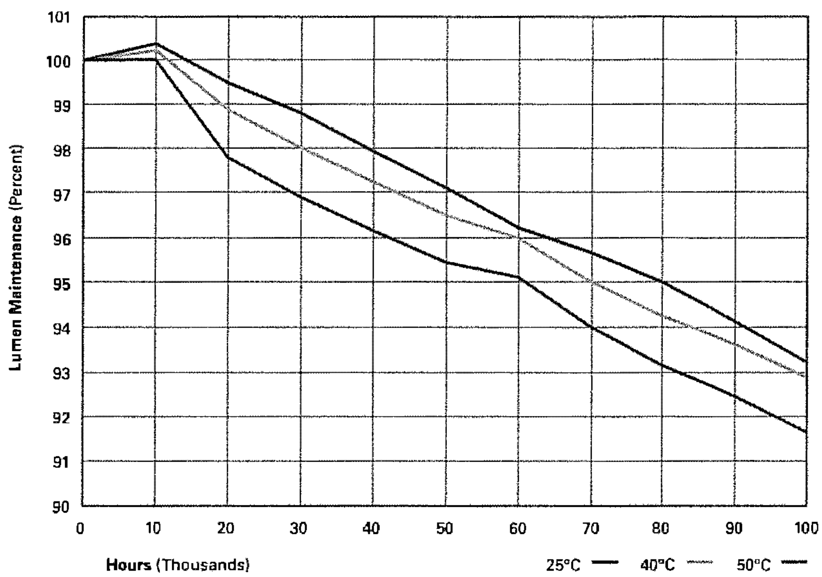
LUMEN MAINTENACE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours	Theoretical L70 (Hours)
25°C	> 99%	> 97%	> 96%	> 93%	> 450,000
40°C	> 98%	> 97%	> 96%	> 92%	> 425,000
50°C	> 97%	> 96%	> 95%	> 91%	> 400,000

* Per IESNA TM-21 data.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99



ORDERING INFORMATION

Sample Number: ENC-E02-LED-E1-BL3-GM

Product Family	Number of LightBARs [1]	Lamp Type	Voltage	Distribution	Color [3]
ENC=Entri Round Clean **ENT**=Entri Triangle Reveals **ENV**=Entri Round Reveals	**E01**=(1) 21 LED LightBAR **E02**=(2) 21 LED LightBARs **F01**=(1) 7 LED LightBAR **F02**=(2) 7 LED LightBARs	**LED**=Solid State Light Emitting Diodes	**E1**=Electronic (120-277V) **347**=347V **480**=480V [2]	**BL2**=Type II w/Back Light Control **BL3**=Type III w/Back Light Control **BL4**=Type IV w/Back Light Control **GZW**=Wall Grazer Wide **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)	Accessories (Order Separately) [8]
ULG=Uplight Glow (For Uplight Only) **PC**=Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) **WG**=Wire Guard **TP**=Tamper Resistant Hardware **LCF**=LightBAR Cover Plate Matches Housing Finish **7030**=70 CRI / 3000K CCT [4] **7050**=70 CRI / 5000K CCT [4] **8030**=80 CRI / 3000K CCT [4] **OSB**=Occupancy Sensor with Back Box (Specify 120V or 277V) [5] **BBB**=Battery Pack with Back Box (Specify 120V or 277V) [6] **CWB**=Cold Weather Battery Pack with Back Box (Specify 120V or 277V) [7] **DIM**=0-10V Dimming Driver	**VA2001-XX**=Thru-Way Conduit Box **VA6172**=Wire Guard **VA6173**=Tamper-Resistant Driver Bit **MA1253**=10kV Circuit Module Replacement **LWR-LW**= LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height [9] **LWR-LN**= LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height [9]

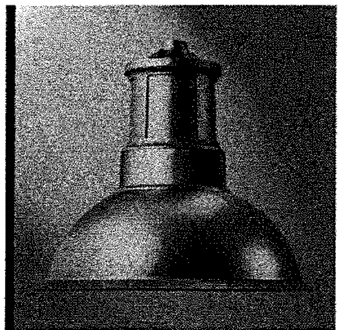
NOTES:
1. Standard 4000K CCT and greater than 70 CRI. LightBARs for downlight use only.
2. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems)
3. Custom and RAL color matching available upon request. Consult your lighting representative at Eaton for more information.
4. Extended lead times apply.
5. Available with E02 or F02, only one bar on street side will be wired to sensor. Time delay factory setting 15-minutes. When ordered with PC option, both bars are connected to photocontrol as primary switching means. Standard sensor lens covers 8' mounting height, 360° coverage, maximum 48' diameter. Not available in all configurations or with BBB or CWB options.
6. Specify 120V or 277V. LED standard integral battery pack is rated for minimum operating temperature 32°F (0°C). Operates one bar for 90-minutes. Not available in all configurations or with OSB option. Consult factory.
7. Specify 120V or 277V. LED cold weather integral battery pack is rated for minimum operating temperature -4°F (-20°C). Operates one bar for 90-minutes. Not available in all configurations or with OSB option. Consult factory.
8. Replace XX with color suffix.
9. LumaWatt wireless sensors are factory installed only, order with OSB backbox, requiring network components LWP-EM-1, LWP-GW-1, LWP-PoE8 in appropriate quantities. See www.eaton.com/lighting for LumaWatt application information.

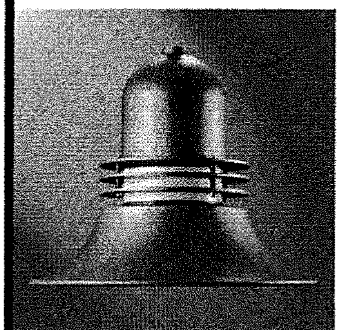
Invue

DESCRIPTION

The EPIC Collection delivers custom luminaire flexibility with high quality, yet availability expectations of standard specification grade product. The EPIC Collection can be dressed to suit any application. Recognizing evolving environmental and legislative trends, the EPIC Collection delivers world class LED optical and performance solutions to the decorative luminaire marketplace.

Catalog #		Type
Project		
Comments		Date
Prepared by		





ECM/EMM
EPIC MEDIUM LED

1 - 4 LightBARs
Solid State LED

DECORATIVE AREA LUMINAIRE

SPECIFICATION FEATURES

Construction

TOP: Cast aluminum top housing attaches to cast aluminum mounting arm hub with four stainless steel fasteners. One-piece silicone gasket between mounting hub and top casting seals out moisture and contaminants. (See the mounting accessories section for a full selection of mounting arms. (Only these arms are compatible with the Epic luminaire). MIDSECTION: Continuous silicone gaskets seal lens to top casting and shade. The mid section features cast aluminum construction and stainless steel assembly. SHADES: Heavy gauge precision spun aluminum shades offer superior surface finish and consistency in form. DOORFRAME: Die-cast aluminum 1/8" thick door and doorframe seal to underside of shade with a thick wall continuous silicone gasket. Mounting hub ships attached to mounting arm.

Optics

Choice of twelve patented, high-efficiency AccuLED Optic™ technology manufactured from injection-molded acrylic. Optics are precisely designed to shape the optics, maximizing efficiency and application spacing. AccuLED Optic technology, creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and nominal 70 CRI. Optional 3000K CCT and 5000K CC. For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed. The house-side shield is designed to seamlessly integrate with the SL2, SL3 or SL4 optics.

Electrical

LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation, greater than 0.9 power factor, less that 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments. All fixtures are shipped standard with 10kV/10kA common – and differential – mode surge protection. LightBARs feature and IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Occupancy sensor and dimming options available.

Finish

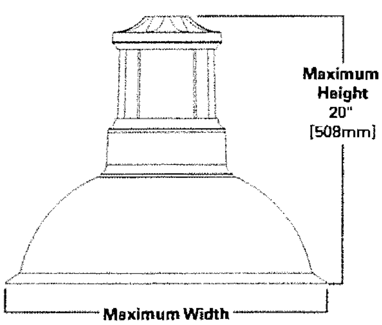
Housing is finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. LightBAR™ cover plates are standard white and may be specified to match finish of luminaire housing. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult Outdoor Architectural Colors brochure for a complete selection.

Warranty

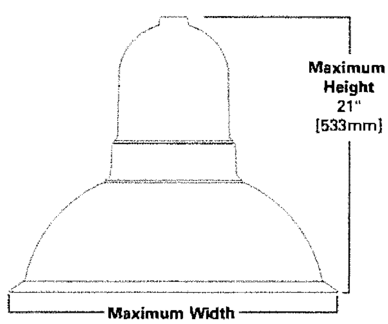
Five-year warranty.

DIMENSIONS

ECM Classical



EMM Modern



See configurations for more detailed information.

CERTIFICATION DATA

UL/cUL Listed
IP66 LightBARs
LM79 / LM80 Compliant
2G Vibration Tested
ISO 9001

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V 50/60Hz, 347V/60Hz, 480V/60Hz
-40°C Minimum Temperature
40°C Ambient Temperature Rating

EPA

Effective Projected Area: (Sq. Ft.) 0.94

SHIPPING DATA

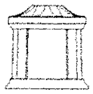
Approximate Net Weight:
45 lbs. [20 kgs.]

EATON
Powering Business Worldwide

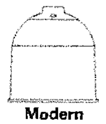
ADM 17-0043

CONFIGURATIONS

HOUSING

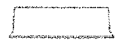


Classical
8-5/8" H x 8-3/4" W

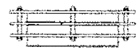


Modern
9-3/8" H
x 8-7/8" W

MID SECTION

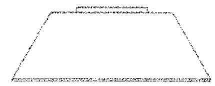


Solid
3-7/16" H x 9-15/16" W

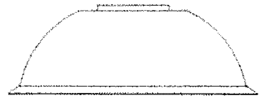


Solid Rings
3-7/16" H x 12" W

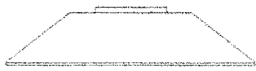
SHADE



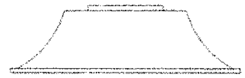
Straight Narrow
6-5/8" H x 19-1/8" W



Bell
8" H x 24" W

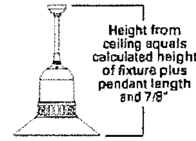


Straight Wide
5-1/8" H x 23-15/16" W



Flute
6" H x 22-1/2" W

MOUNTING OPTION



POWER AND LUMENS BY BAR COUNT (21 LED LIGHTBARS)

Number of LightBARs		E01	E02	E03	E04
Drive Current		350mA Drive Current			
Power (Watts)		25W	52W	75W	97W
Current @ 120V (A)		0.22	0.44	0.63	0.82
Current @ 277V (A)		0.10	0.20	0.28	0.36
Power (Watts)		31W	58W	82W	99W
Current @ 347V (A)		0.11	0.19	0.28	0.29
Current @ 480V (A)		0.09	0.15	0.20	0.21
T2	Lumens	2,948	5,896	8,844	11,792
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3
T3	Lumens	2,936	5,873	8,809	11,745
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3
T4	Lumens	2,876	5,752	8,627	11,503
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G3
5MQ	Lumens	3,054	6,108	9,161	12,215
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2
5WQ	Lumens	2,987	5,975	8,962	11,949
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2
5XQ	Lumens	2,982	5,963	8,945	11,926
	BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G3	B4-U0-G3
SL2	Lumens	2,878	5,756	8,634	11,512
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2
SL3	Lumens	2,894	5,788	8,682	11,576
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2
SL4	Lumens	2,823	5,647	8,470	11,294
	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2
RW	Lumens	2,957	5,915	8,872	11,829
	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
SLL/SLR	Lumens	2,616	5,231	7,847	10,462
	BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3

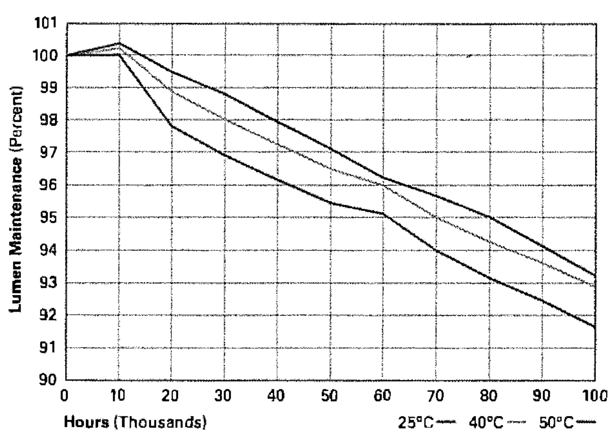
POWER AND LUMENS BY BAR COUNT (7 LED LIGHTBARS)

Number of LightBARs		F01	F02	F03	F04
Drive Current		1A Drive Current			
Power (Watts)		26W	55W	78W	102W
Current @ 120V (A)		0.22	0.46	0.66	0.86
Current @ 277V (A)		0.10	0.21	0.29	0.37
Power (Watts)		32W	60W	85W	105W
Current @ 347V (A)		0.11	0.19	0.28	0.30
Current @ 480V (A)		0.09	0.15	0.21	0.22
T2	Lumens	2,434	4,867	7,301	9,735
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3
T3	Lumens	2,424	4,848	7,272	9,696
	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3
T4	Lumens	2,374	4,748	7,122	9,496
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2
5MQ	Lumens	2,521	5,042	7,563	10,084
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
5WQ	Lumens	2,466	4,932	7,398	9,864
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B4-U0-G2
5XQ	Lumens	2,461	4,923	7,384	9,845
	BUG Rating	B2-U0-G1	B3-U0-G2	B3-U0-G2	B4-U0-G3
SL2	Lumens	2,376	4,752	7,127	9,503
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2
SL3	Lumens	2,389	4,778	7,167	9,556
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2
SL4	Lumens	2,331	4,662	6,993	9,323
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2
RW	Lumens	2,441	4,883	7,324	9,765
	BUG Rating	B1-U0-G1	B2-U0-G2	B3-U0-G3	B3-U0-G3
SLL/SLR	Lumens	2,159	4,318	6,478	8,637
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G3	B1-U0-G3

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours	Theoretical L70 (Hours)
25°C	> 99%	> 97%	> 96%	> 93%	> 450,000
40°C	> 98%	> 97%	> 96%	> 92%	> 425,000
50°C	> 97%	> 96%	> 95%	> 91%	> 400,000

* Per IESNA TM-21 data.



LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99
50°C	0.96

CONTROL OPTIONS

0-10V (DIM)
This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

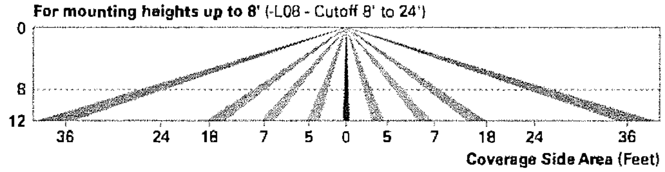
Photocontrol (PC, PER and PER7)
Optional button-type photocontrol (PC) and photocontrol receptacles (PER and PER7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

Dimming Occupancy Sensor (MS/DIM-LXX, MS/X-LXX and MS-LXX)
These sensors are factory installed in the luminaire housing. When the MS/DIM-LXX sensor option is selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. The MS/X-LXX is also preset for five minutes and only controls the specified number of light engines to maintain steady output from the remaining light engines.

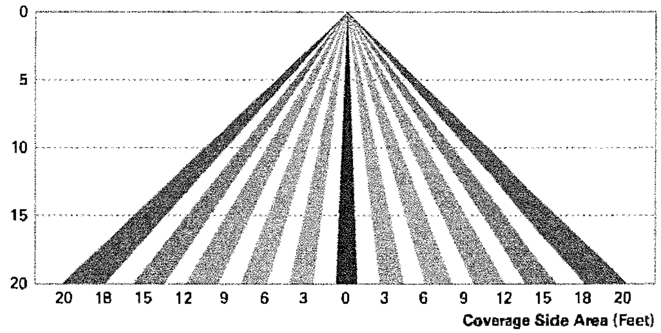
These occupancy sensors includes an integral photocell that can be activated with the FSIR-100 accessory for "dusk-to-dawn" control or daylight harvesting - the factory preset is OFF. The FSIR-100 is a wireless tool utilized for changing the dimming level, time delay, sensitivity and other parameters.

A variety of sensor lens are available to optimize the coverage pattern for mounting heights from 8'-40'.

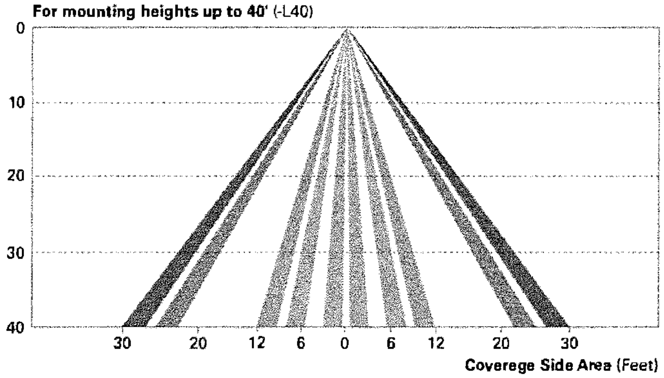
For mounting heights up to 8' (-L08 - Cutoff 8' to 24')



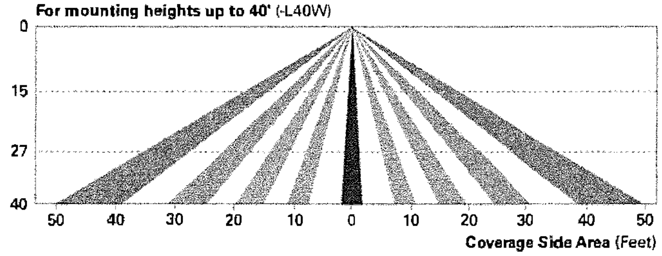
For mounting heights up to 20' (-L20)



For mounting heights up to 40' (-L40)



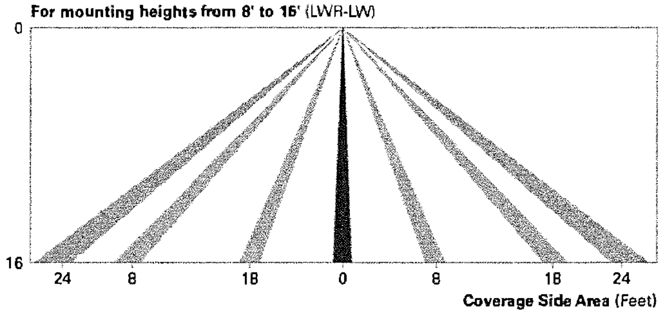
For mounting heights up to 40' (-L40W)



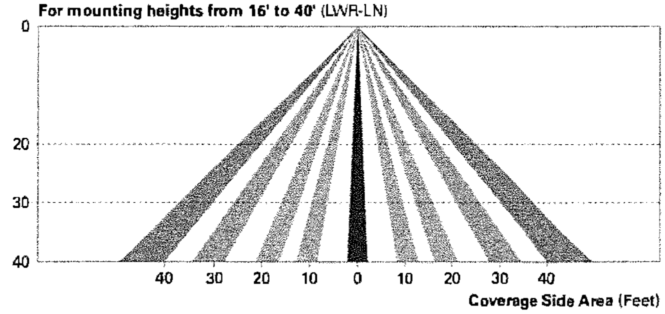
LumaWatt Pro Wireless Control and Monitoring System (LWR-LW and LWR-LN)
The LumaWatt Pro system is a peer-to-peer wireless network of luminaire-integral sensors for any sized project. Each sensor is capable of motion and photo sensing, metering power consumption and wireless communication. The end-user can securely create and manage sensor profiles with browser-based management software. The software will automatically broadcast to the sensors via wireless gateways for zone-based and individual luminaire control. The LumaWatt Pro software provides smart building solutions by utilizing the sensor to provide easy-to-use dashboard and analytic capabilities such as improved energy savings, traffic flow analysis, building management software integration and more.

For additional details, refer to the LumaWatt Pro product guides.

For mounting heights from 8' to 16' (LWR-LW)



For mounting heights from 16' to 40' (LWR-LN)



Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

ORDERING INFORMATION

Sample Number: ECM-E04-LED-E1-T2-FL-GM

Product Family [1]	Number of LightBARs [2,3]	Lamp Type	Voltage	Distribution	Mid Section Type	Shade Type	Color [5]
ECM=Epic Classical Medium **EMM**=Epic Modern Medium	**E01**=(1) 21 LED LightBAR **E02**=(2) 21 LED LightBARs **E03**=(3) 21 LED LightBARs **E04**=(4) 21 LED LightBARs **F01**=(1) 7 LED LightBAR **F02**=(2) 7 LED LightBARs **F03**=(3) 7 LED LightBARs **F04**=(4) 7 LED LightBARs	**LED**=Solid State Light Emitting Diodes	**E1**=Electronic (120-277V) **347**=347V **480**=480V [4]	**T2**=Type II **T3**=Type III **T4**=Type IV **SL2**=Type II w/Spill Control **SL3**=Type III w/Spill Control **SL4**=Type IV w/Spill Control **5MQ**=Type V Square Medium **5WQ**=Type V Square Wide **5XQ**=Type V Square Extra Wide **RW**=Rectangular Wide **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right	**SO**=Solid **SR**=Solid Rings	**SN**=Straight Narrow **SW**=Straight Wide **BL**=Bell **FL**=Flute	**AP**=Gray **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)	Accessories (Order Separately) [14]	
2L=Two Circuits [6] **7030**=70 CRI / 3000K CCT [7] **7050**=70 CRI / 5000K CCT [7] **8030**=80 CRI / 3000K CCT [7] **LCF**=LightBAR Cover Plate Matches Housing Finish **MS-LXX**=Motion Sensor for ON/OFF Operation [8] **MS/X-LXX**=Motion Sensor for Bi-Level Switching [9] **PMXX**=Pendant Mount (XX=Pendant Length in Inches, 9.5" min - 48.0" max) [10] **HSS**=Factory Installed House Side Shield [11] **DIM**=0-10V Dimming Driver [12] **LWR-LW**=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height [13] **LWR-LN**=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height [13]	**Classical** **VA6150-XX**=Bishop Wall Mount Arm **VA6151-XX**=Bishop Wall Mount Arm with Cross Rod **VA6152-XX**=Traditional Wall Mount Arm **VA6153-XX**=Traditional Wall Mount Arm with 45° Strap **VA6154-XX**=Bishop Single Pole Mount Arm **VA6155-XX**=Bishop Single Pole Mount Arm with Cross Rod **VA6156-XX**=Bishop Twin Pole Mount Arm **VA6157-XX**=Bishop Twin Pole Mount Arm with Cross Rods **VA6158-XX**=Traditional Single Pole Mount Arm **VA6159-XX**=Traditional Single Pole Mount Arm with Rounded Upper Bar **VA6160-XX**=Traditional Single Pole Mount Arm with Rounded Lower Bar [15] **VA6161-XX**=Traditional Single Pole Mount Arm with 45° Upper Bar **VA6162-XX**=Traditional Single Pole Mount Arm with 45° Lower Bar [15] **VA6163-XX**=Traditional Single Pole Mount Arm with 45° Upper Strap **VA6165-XX**=Traditional Twin Pole Mount Arm **VA6166-XX**=Traditional Twin Pole Mount Arm with Rounded Upper Bars **VA6167-XX**=Traditional Twin Pole Mount Arm with Rounded Lower Bars [15] **VA6168-XX**=Traditional Twin Pole Mount Arm with 45° Upper Bars **VA6169-XX**=Traditional Twin Pole Mount Arm with 45° Lower Bars [15] **VA6170-XX**=Traditional Twin Pole Mount Arm with 45° Upper Straps **VA6171-XX**=Mast Arm Adapter **Modern** **VA6101-XX**=Bishop Wall Mount Arm **VA6102-XX**=Bishop Wall Mount Arm with Cross Rod **VA6103-XX**=Traditional Wall Mount Arm **VA6104-XX**=Traditional Wall Mount Arm with 45° Strap **VA6105-XX**=Bishop Single Pole Mount Arm **VA6106-XX**=Bishop Single Pole Mount Arm with Cross Rod **VA6107-XX**=Bishop Twin Pole Mount Arm **VA6108-XX**=Bishop Twin Pole Mount Arm with Cross Rods **VA6109-XX**=Traditional Single Pole Mount Arm **VA6110-XX**=Traditional Single Pole Mount Arm with Rounded Upper Bar **VA6111-XX**=Traditional Single Pole Mount Arm with Rounded Lower Bar [15] **VA6112-XX**=Traditional Single Pole Mount Arm with 45° Upper Bar **VA6113-XX**=Traditional Single Pole Mount Arm with 45° Lower Bar [15] **VA6114-XX**=Traditional Single Pole Mount Arm with 45° Upper Strap **VA6116-XX**=Traditional Twin Pole Mount Arm **VA6117-XX**=Traditional Twin Pole Mount Arm with Rounded Upper Bars **VA6118-XX**=Traditional Twin Pole Mount Arm with Rounded Lower Bars [15] **VA6119-XX**=Traditional Twin Pole Mount Arm with 45° Upper Bars **VA6120-XX**=Traditional Twin Pole Mount Arm with 45° Lower Bars [16] **VA6121-XX**=Traditional Twin Pole Mount Arm with 45° Upper Straps **VA6122-XX**=Mast Arm Adapter	**OA/RA1016**=NEMA Twistlock Photocontrol - Multi-Tap **OA/RA1027**=NEMA Twistlock Photocontrol - 480V **OA/RA1201**=NEMA Twistlock Photocontrol - 347V **OA/RA1013**=Photocontrol Shorting Cap **LB/HSS-21**=Field Installed House Side Shield for "E" LightBARs [11,16] **LB/HSS-07**=Field Installed House Side Shield for "F" LightBARs [11,16] **Accessory Options** [17] V=Victorian Finial [18] M=Modern Finial [18] A=Architectural Finial [18] N=Nostalgic Finial [18] R=NEMA Twistlock Photocontrol Receptacle [19]

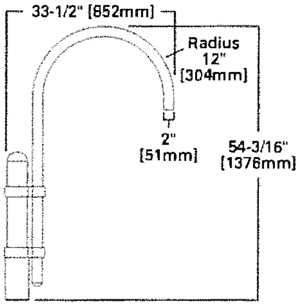
NOTES:

1. Arm not included. Order separately. See accessories.
2. Standard 4000K CCT and greater than 70 RI.
3. 21 LED LightBAR powered by 350mA and 7 LED LightBAR powered by 1A.
4. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
5. Custom and RAL color matching available upon request. Consult your lighting representative at Eaton for more information.
6. Low-level output varies by bar count. Consult factory. Requires quantity of two or more LightBARs.
7. Consult customer service for lead times and multiplier.
8. Sensor mounted to the luminaire. Available in E01-E04 and F01-F04 configurations. Replace "XX" with mounting height in feet for proper lens selection, (e.g., MS-L25). Consult factory for additional information.
9. Sensor mounted to the luminaire. Available in E02-E04 and F02-F04 configurations. Replace "X" with number of LightBARs operating in low output mode and replace XX with mounting height in feet for proper lens selection, (e.g., MS/3-L25). Maximum four bars in low output mode. Consult factory for additional information.
10. Pendant mount option "PMXX" must be used with Invue Pendant mount kit only. Includes pendant pipe, swivel hangar and canopy cover. Other pendant lengths can be specified in inches (XX). Minimum pendant length is 9-1/2". For lengths above 48", consult your lighting representative at Eaton for more information.
11. Only for use with SL2, SL3 and SL4 distributions.
12. Dimming leads provide for external 0-10V control system (by others).
13. LumaWatt wireless sensors are factory installed only, requiring network components LWP-EM-1, LWP-GW-1, and LWP-PoE8 in appropriate quantities. See www.eaton.com/lighting for LumaWatt application information.
14. Replace XX with color suffix.
15. Only available with traditional arms.
16. One required for each LightBAR.
17. Add as suffix to accessory. Example: VA6109-BK-R.
18. Not available with finials, pendant mount "PM48" or bishop wall mounts.
19. Requires use of 4" O.D. round straight pole.

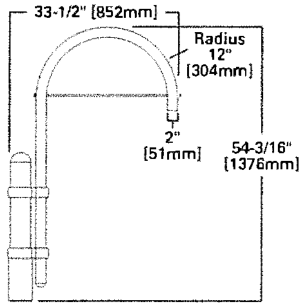
Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

MOUNTING ACCESSORIES

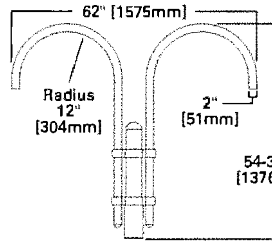
Pole mount arms are designed to fit both medium ECM/EMM housings. (Only these arms are compatible with the Epic luminaire). Arms feature a precision welded cast aluminum mounting hub for attachment of fixture head to arm with four stainless steel fasteners. Wall mount arms compliment pole mount luminaires and attractively transition fixture scale in lower mounting height pedestrian environments. Wall mount arms are designed to fit both medium ECM/EMM housings. Arms feature a precision welded cast aluminum mounting hub for attachment of fixture head to arm with four stainless steel fasteners.



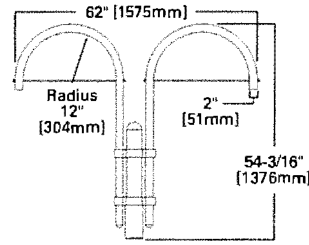
BISHOP SINGLE POLE MOUNT ARM
VA6105 (Modern), VA6154 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 24 lbs. E.P.A: 0.92



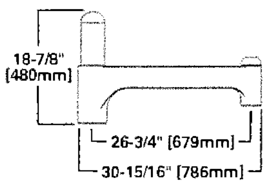
BISHOP SINGLE POLE MOUNT ARM WITH CROSS ROD
VA6106 (Modern), VA6155 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 25 lbs. E.P.A: 0.98



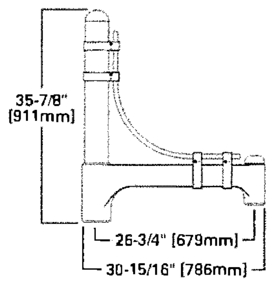
BISHOP TWIN POLE MOUNT ARM
VA6107 (Modern), VA6156 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 37 lbs. E.P.A: 1.43



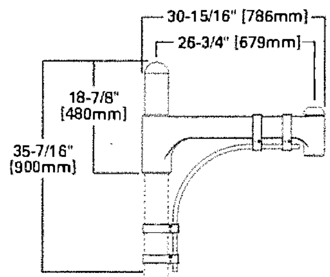
BISHOP TWIN POLE MOUNT ARM WITH CROSS RODS
VA6108 (Modern), VA6157 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 39 lbs. E.P.A: 1.55



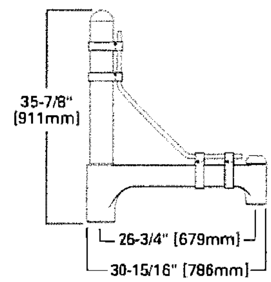
TRADITIONAL SINGLE POLE MOUNT ARM
VA6109 (Modern), VA6158 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 20 lbs. E.P.A: 0.86



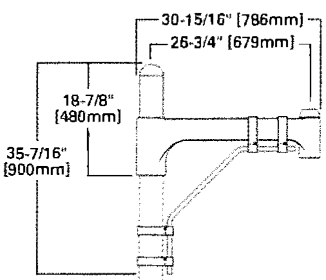
TRADITIONAL SINGLE POLE MOUNT ARM WITH ROUNDED UPPER BAR
VA6110 (Modern), VA6159 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 28 lbs. E.P.A: 1.4



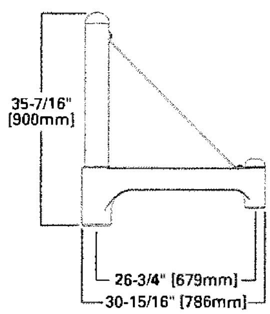
TRADITIONAL SINGLE POLE MOUNT ARM WITH ROUNDED LOWER BAR
VA6111 (Modern), VA6160 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 25 lbs. E.P.A: 1.16



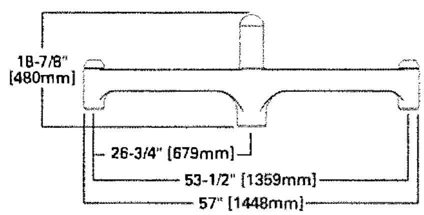
TRADITIONAL SINGLE POLE MOUNT ARM WITH 45° UPPER BAR
VA6112 (Modern), VA6161 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 28 lbs. E.P.A: 1.38



TRADITIONAL SINGLE POLE MOUNT ARM WITH 45° LOWER BAR
VA6113 (Modern), VA6162 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 24 lbs. E.P.A: 1.17

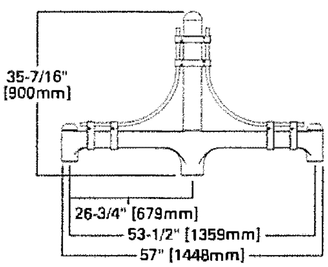


TRADITIONAL SINGLE POLE MOUNT ARM WITH 45° UPPER STRAP
VA6114 (Modern), VA6163 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 24 lbs. E.P.A: 1.17

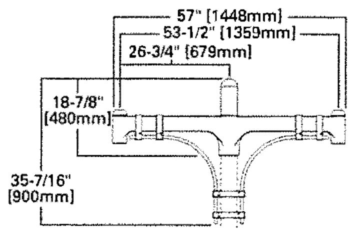


TRADITIONAL TWIN POLE MOUNT ARM
VA6116 (Modern), VA6165 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 30 lbs. E.P.A: 1.44

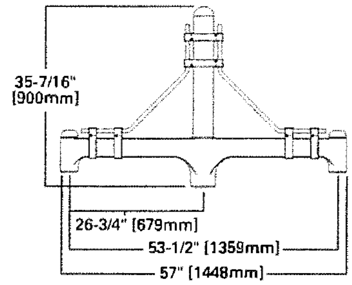
MOUNTING ACCESSORIES



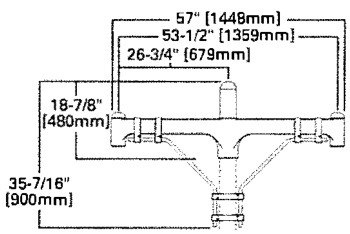
TRADITIONAL TWIN POLE MOUNT ARM WITH ROUNDED UPPER BARS
VA6117 (Modern), VA6166 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 43 lbs. E.P.A: 2.28



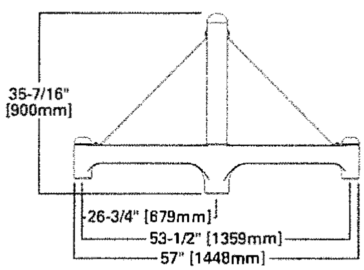
TRADITIONAL TWIN POLE MOUNT ARM WITH ROUNDED LOWER BARS
VA6118 (Modern), VA6167 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 40 lbs. E.P.A: 2.04



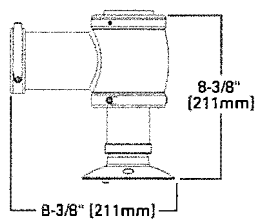
TRADITIONAL TWIN POLE MOUNT ARM WITH 45° UPPER BARS
VA6119 (Modern), VA6168 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 43 lbs. E.P.A: 2.24



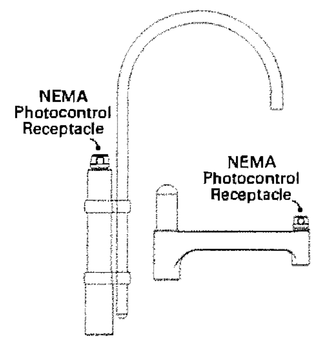
TRADITIONAL TWIN POLE MOUNT ARM WITH 45° LOWER BARS
VA6120 (Modern), VA6169 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 40 lbs. E.P.A: 2.0



TRADITIONAL TWIN POLE MOUNT ARM WITH 45° UPPER STRAPS
VA6121 (Modern), VA6170 (Classical)
Slipfits over 4" round straight pole, or 4" O.D. by 6" tall tenon.
Weight: 37 lbs. E.P.A: 1.81

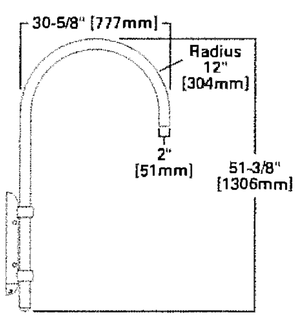


MAST ARM ADAPTER
VA6122 (Modern), VA6171 (Classical)
Secures fixture to nominal 2" pipe (2-3/8" horizontal O.D.)
Weight: 4 lbs.

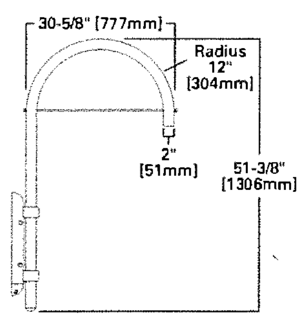


NEMA TWISTLOCK PHOTOCONTROL (R)
Order separately (Not compatible with finials or wall mount bishop arms)

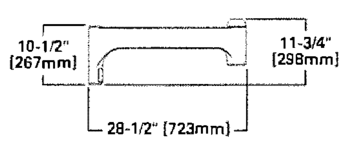
Wall Mount Accessories



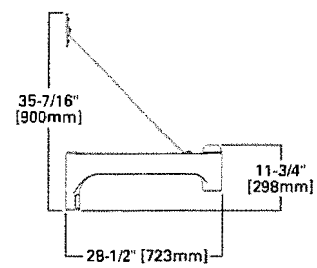
BISHOP WALL MOUNT ARM
VA6101 (Modern), VA6150 (Classical)
Mounts to wall with four stainless steel lag bolts (provided by other).
Weight: 16 lbs.



BISHOP WALL MOUNT ARM WITH CROSS ROD
VA6102 (Modern), VA6151 (Classical)
Mounts to wall with four stainless steel lag bolts (provided by other).
Weight: 17 lbs.



TRADITIONAL WALL MOUNT ARM
VA6103 (Modern), VA6152 (Classical)
Mounts to wall with four stainless steel lag bolts (provided by other).
Weight: 17 lbs.



TRADITIONAL WALL MOUNT ARM WITH 45° STRAP
VA6104 (Modern), VA6153 (Classical)
Mounts to wall with four stainless steel lag bolts (provided by other).
Weight: 18 lbs.

Project Name:	
Catalog Number:	Fixture Type:
Volts/Watts:	Lamps/Board:

ILP

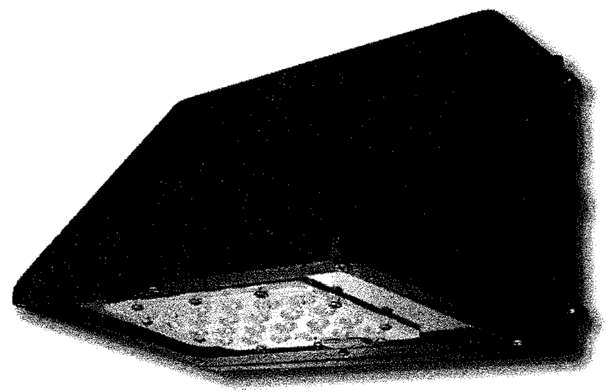
FULL CUTOFF FORWARD THROW - 40W LED

WALL PACK

REPLACES 150W MH

FEATURES

- Die Cast Aluminum Housing
- Hinged Full Cutoff Front Frame
- ½" Coin Plugs with O-rings for Conduit & Photocell
- Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating
- Forward Throw Optic Lens
- Cast-in Template for Mounting Directly Over a 4" Recessed Outlet Box
- 40W, 5000K (Std)
- ETL Listed for Wet Locations
- Meets Dark Sky Requirements
- Custom Colors Available Upon Request



LED SYSTEM

Board (CREE Chips)	**4 x 6**
Calculated L_{70} (TM-21)	**380,000 hours**
Delivered Lumens	**3,602 lm**
Total Input Watts	**42.43 W**
Luminaire Efficacy Rating (LER)	**84.89 lm/W**
Correlated Color Temperature (CCT)	**5000 K**
Color Rendering Index (CRI)	**76.4**
Max Ambient Temp	**125° F**
Universal Driver	**120-277 V**

LED System data above based on WPCS-40WLED-UNIV-5000K
LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient

SUITABLE APPLICATIONS

- Parking lots
- Buildings
- General area lighting

Intertek

Ordering Guide

WPCS	40WLED	UNIV	5000K	eg: WPC15WG
Series	**LED**	**Driver**	**Color**	**Options**
☐ **WPCS** Full Cutoff Wall Pack	☐ **40WLED** 4x6 Board	☐ **UNIV** 120-277 Driver	☐ **4000K** ☐ **5000K***	☐ **WPC15Y** Adjustable Yoke ☐ **WPC15LG** Clear PC Vandal Resistant Guard ☐ **WPC15WG** Wire Guard, SS Construction ☐ **CORDx** Cord (X = ft) ☐ **DIM** 0-10V Dimmable Driver ☐ **USDC** User Selectable Dimming Control ☐ **PCxxx** Photocell (xxx = Voltage)

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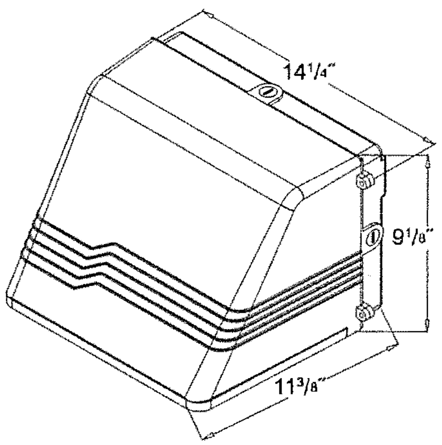
*DLC Listed Configuration

ADM 17-0043

FULL CUTOFF - 40W LED

FORWARD THROW WALL PACK



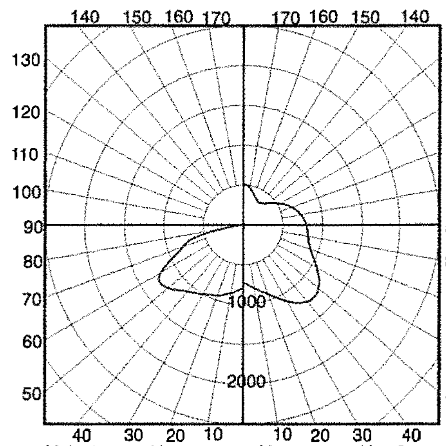
WPCS-40WLED-UNIV

LUMINAIRE OUTPUT = 3599 LMS
120.0V 355.58 mA, 42.428 W, 0.9939 PF

SUMMARY DATA

HEMISPHERES TESTED:	BOTH
EFFICIENCY (Total):	100.0 %
EFFICIENCY (Down / Up):	100.0 % / 0.0 %
EFFICIENCY (Street / House):	67.0 % / 33.0 %
ROADWAY CLASSIFICATION:	TYPE IV, SHORT
CUTOFF CLASSIFICATION:	FULL CUTOFF
LUMENS/LAMP:	3613.1
NO. OF LAMPS:	1
LUMINOUS OPENING: RECTANGULAR	
Width:	0.46 (Feet)
Length:	0.58
Height:	0.00
INPUT WATTS:	42.4

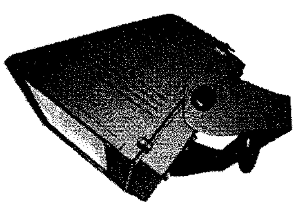
PLANE AND CONE DIAGRAM



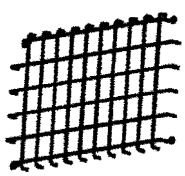
Ma□ plane at H = 45 Ma□ cone at V = 55
MA□ CANDLEPOWER: 1274.8

Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

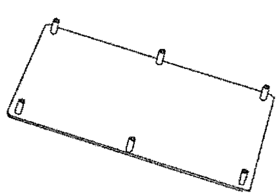
ACCESSORIES



WPC15Y
(Shown Mounted)



WPC15WG



WPC15LG

McGraw-Edison

DESCRIPTION

The Impact Elite family of wall luminaires is the ideal complement to site design. Incorporating modular LightBAR™ technology, the Impact Elite luminaire provides outstanding uniformity and energy-conscious illumination. Combined with a rugged construction, the Impact Elite luminaire is the ideal facade and security luminaire for zones surrounding schools, office complexes, apartments and recreational facilities. UL/cUL listed for wet locations.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

Heavy-wall, die-cast aluminum housing and removable hinged door frame for precise tolerance control and repeatability. Hinged door inset for clean mating with housing surface and secured via two captive fasteners. Optional tamper-resistant Torx™ head fasteners offer vandal resistant access to the electrical chamber.

Optics

Choice of six patented, high-efficiency AccuLED Optics™ distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K CCT, 5000K CCT and 5700K CCT.

Electrical

LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation, greater than 0.9 power factor, less than 20% harmonic distortion, and are suitable for operation in -40°C to 40°C ambient environments. All fixtures are shipped standard with 10kV/10kA common – and differential – mode surge protection. LightBARs feature an IP66 enclosure rating and maintain greater than 95% lumen maintenance at 60,000 hours per IESNA TM-21. Emergency egress options for -20°C ambient environments and occupancy sensor available.

Mounting

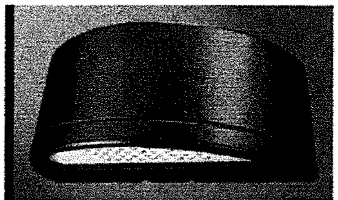
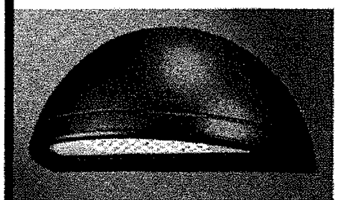
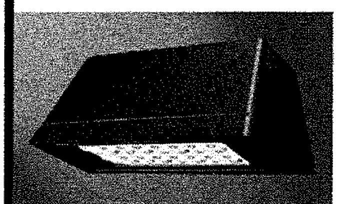
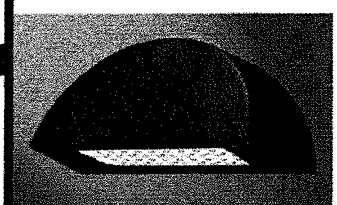
Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" j-box or wall with the Impact Elite "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws concealed but accessible from bottom of fixture.

Finish

Cast components finished in a five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

Warranty

Five-year warranty.

ISC/ISS/IST/ISW
IMPACT ELITE LED

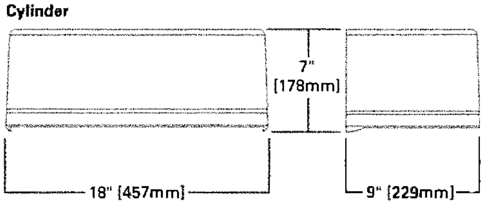
1 - 2 LightBARs

Solid State LED

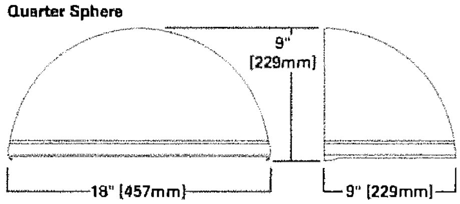
WALL MOUNT LUMINAIRE

DIMENSIONS

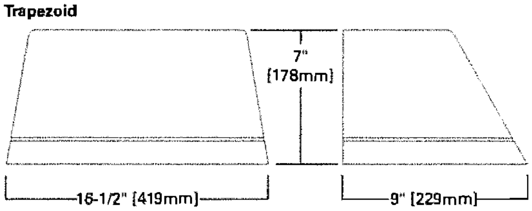
Cylinder



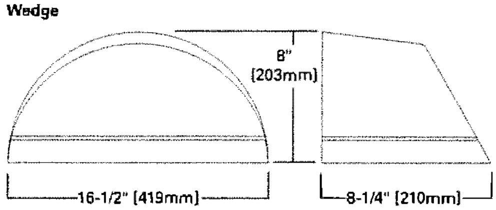
Quarter Sphere



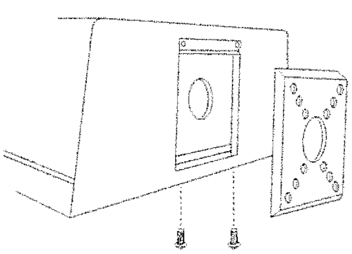
Trapezoid



Wedge



HOOK-N-LOCK MOUNTING



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CERTIFICATION DATA

UL/cUL Listed
LM79 / LM80 Compliant
IP66 LightBARs
ISO 9001

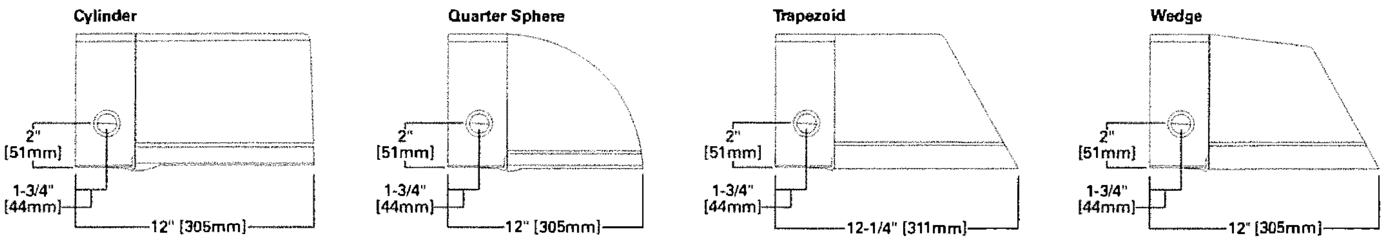
ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 & 60Hz, 347V/60Hz, 480V/60Hz
-40°C Minimum Temperature
40°C Ambient Temperature Rating

SHIPPING DATA

Approximate Net Weight:
18 lbs. (8 kgs.)

THRUWAY BACK BOX



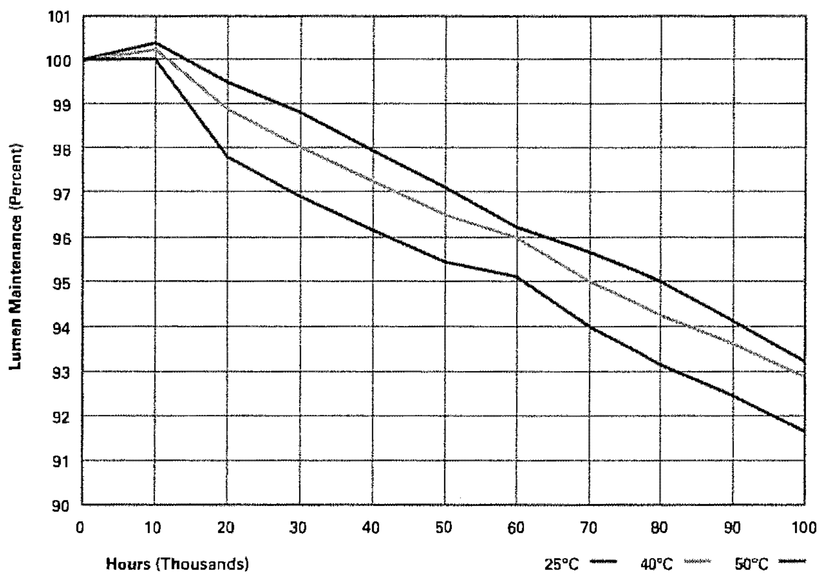
POWER AND LUMENS BY BAR COUNT

Number of LightBARs		E01	E02	F01	F02
		21 LED LightBAR		7 LED LightBAR	
Drive Current		350mA		1A	
Power (Watts)	120-277V	25W	47W	26W	50W
Current (A)	120V	0.22	0.40	0.22	0.42
	277V	0.10	0.18	0.10	0.19
Power (Watts)	347V or 480V	31W	52W	32W	55W
Current (A)	347V	0.11	0.16	0.11	0.17
	480V	0.16	0.18	0.16	0.18
Optics					
BL2	Lumens	2,738	5,476	2,260	4,521
	Bug Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
BL3	Lumens	2,702	5,405	2,231	4,462
	Bug Rating	B1-U0-G1	B1-U0-G2	B1-U0-G1	B1-U0-G1
BL4	Lumens	2,613	5,225	2,157	4,313
	Bug Rating	B1-U0-G1	B1-U0-G2	B1-U0-G1	B1-U0-G1
GZW	Lumens	2,785	5,570	2,299	4,598
	Bug Rating	B2-U0-G2	B3-U0-G3	B1-U0-G1	B2-U0-G2
SLR/SLL	Lumens	2,435	4,869	2,010	4,020
	Bug Rating	B1-U0-G1	B1-U0-G2	B1-U0-G1	B1-U0-G2

LUMEN MAINTENANCE

Ambient Temperature	25,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours	Theoretical L70 (Hours)
25°C	> 99%	> 97%	> 96%	> 93%	> 450,000
40°C	> 98%	> 97%	> 96%	> 92%	> 425,000
50°C	> 97%	> 96%	> 95%	> 91%	> 400,000

* Per IESNA TM-21 data.



LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99

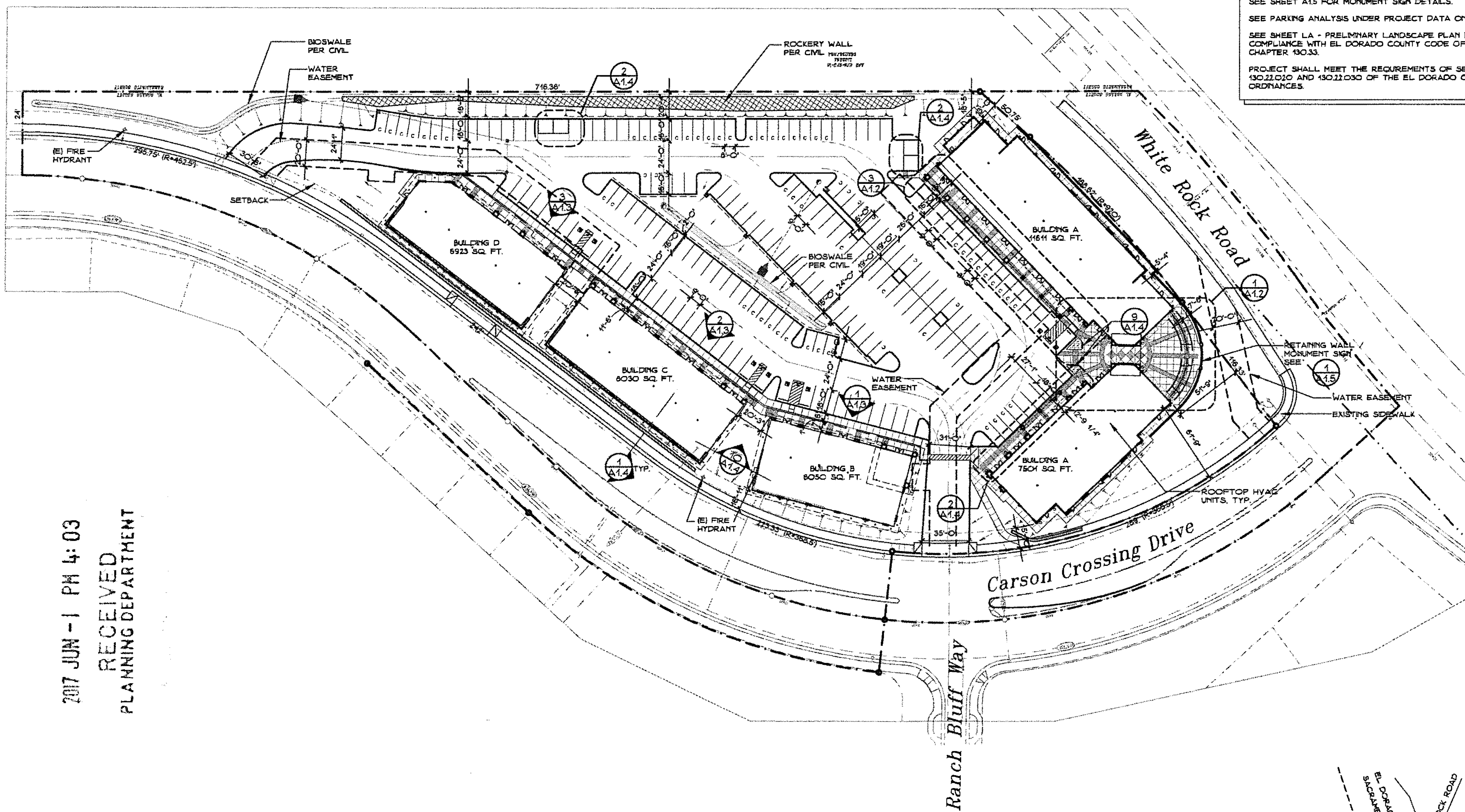
ORDERING INFORMATION

Sample Number: ISC-E02-LED-E1-BL3-GM

Product Family	Number of LightBARs [1,2]	Lamp Type	Voltage	Distribution	Color [4]
ISC=Impact Elite LED Small Cylinder **ISS**=Impact Elite LED Small Quarter Sphere **IST**=Impact Elite LED Small Trapezoid **ISW**=Impact Elite LED Small Wedge	**E01**=(1) 21 LED LightBAR **E02**=(2) 21 LED LightBARs **F01**=(1) 7 LED LightBAR **F02**=(2) 7 LED LightBARs	**LED**=Solid State Light Emitting Diodes	**E1**=Electronic (120-277V) **347**=347V **480**=480V [3]	**BL2**=Type II w/Back Light Control **BL3**=Type III w/Back Light Control **BL4**=Type IV w/Back Light Control **GZW**=Wall Grazer Wide **SLL**=90° Spill Light Eliminator Left **SLR**=90° Spill Light Eliminator Right	**AP**=Grey **BZ**=Bronze **BK**=Black **DP**=Dark Platinum **GM**=Graphite Metallic **WH**=White

Options (Add as Suffix)	Accessories (Order Separately) [10]
2L=Two Circuits [5] **7030**=70 CRI / 3000K CCT [6] **7050**=70 CRI / 5000K CCT [6] **7060**=70 CRI / 5700K CCT [6] **8030**=80 CRI / 3000K CCT [6] **P**=Button Type Photocontrol (Available in 120, 208, 240 or 277V. Must Specify Voltage) **OSB**=Occupancy Sensor with Back Box (Specify 120V or 277V) [7] **BBB-XX**=Battery Pack with Back Box (Specify 120V or 277V) [8] **CWB-XX**=Cold Weather Battery Pack with Back Box (Specify 120V or 277V) [9] **DIM**=0-10V Dimming Drivers **LCF**=LightBAR Cover Plate Matches Housing Finish **ULG**=Uplight Glow **TR**=Tamper Resistant Hardware	**MA1253**=10kV Circuit Module Replacement **MA1254-XX**=Thruway Back Box - Impact Elite Trapezoid **MA1255-XX**=Thruway Back Box - Impact Elite Cylinder **MA1256-XX**=Thruway Back Box - Impact Elite Quarter Sphere **MA1257-XX**=Thruway Back Box - Impact Elite Wedge

NOTES:
1. Standard 4000K CCT and greater than 70 CRI. LightBARs for downlight use only.
2. 21 LED LightBAR powered by 350mA and 7 LED LightBAR powered by 1A.
3. Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
4. Custom and RAL color matching available upon request. Consult your lighting representative at Eaton for more information.
5. Low-level output varies by bar count. Consult factory. Not available with 347V or 480V. Available with two bars (E02 or F02) only.
6. Extended lead times apply.
7. Available with E02 or F02, only one bar on street side will be wired to sensor. Time delay factory setting 15-minutes. When ordered with PC option, both bars are connected to photocontrol as primary switching means. Standard sensor lens covers 8' mounting height, 360° coverage, maximum 48' diameter. Not available in all configurations or with BBB or CWB options.
8. Specify 120V or 277V. LED standard integral battery pack is rated for minimum operating temperature 32°F (0°C). Operates one bar for 90-minutes. Not available in all configurations or with OSB option. Consult factory.
9. Specify 120V or 277V. LED cold weather integral battery pack is rated for minimum operating temperature -4°F (-20°C). Operates one bar for 90-minutes. Not available in all configurations or with OSB option. Consult factory.
10. Replace XX with color suffix.



Site Plan

1'-0" = 40'-0"

0 20 40 60 80 120 160

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SUMMARY

ALL SIGNS SHALL COMPLY WITH EL DORADO COUNTY CODE OF ORDINANCES CHAPTER 130.16 (SIGNS) - ORDINANCE NO. 5025. SEE SHEET A1.5 FOR MONUMENT SIGN DETAILS.

SEE PARKING ANALYSIS UNDER PROJECT DATA ON THIS SHEET.

SEE SHEET LA - PRELIMINARY LANDSCAPE PLAN FOR COMPLIANCE WITH EL DORADO COUNTY CODE OF ORDINANCES CHAPTER 130.33.

PROJECT SHALL MEET THE REQUIREMENTS OF SECTIONS 130.22.020 AND 130.22.030 OF THE EL DORADO CODE OF ORDINANCES.

DRAWING INDEX

PROJECT DATA

A.P.N.:	117-490-01-100
ZONING:	CL
SITE AREA:	4.11 AC. ±
BUILDING AREA:	40,115 S.F.
RETAIL A: NORTH WEST	11,611 S.F.
RETAIL A: NORTH EAST	7,501 S.F.
OFFICE B: (MEDICAL)	8,050 S.F.
OFFICE C: (MEDICAL)	8,030 S.F.
OFFICE D: (MEDICAL)	5,923 S.F.
TOTAL:	40,115 S.F.
SITE COVERAGE:	40,115 S.F. (22.4%)
REQUIRED PARKING:	
MEDICAL (1:200):	105 SPACES
NEIGHBORHOOD RETAIL (1:200):	96 SPACES
TOTAL REQUIRED:	201 SPACES
PARKING PROVIDED:	196 SPACES
DISABLED SPACES:	8 SPACES
COMPACT SPACES:	66 SPACES
REGULAR SPACES:	122 SPACES
BICYCLE PARKING:	
(10) TYPE I RACKS PROVIDED	

PROJECT TEAM

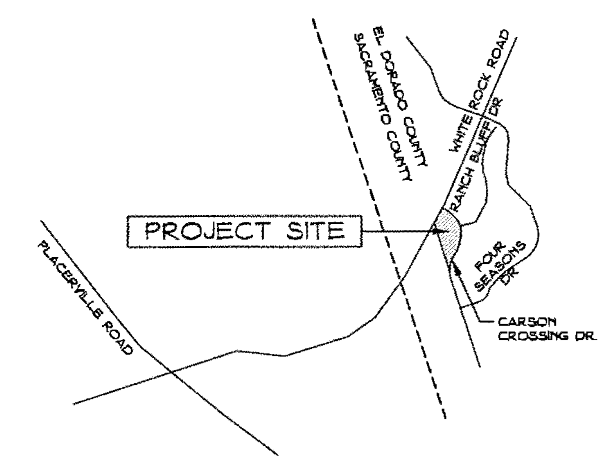
APPLICANT / OWNER
PORTICO DEVELOPMENT, LLC
P.O. BOX 1977
FOLSOM, CA 95630
(916) 425-3330

ARCHITECT
PERKINS, WILLIAMS, & COTTERILL ARCHITECTS
3320 DATA DRIVE, SUITE 200
RANCHO CORDOVA, CALIFORNIA 95670
(916) 851-1400 PH
(916) 851-1408 FX

CIVIL ENGINEER
CTA ENGINEERING & SURVEYING
3233 MONIER CIRCLE
RANCHO CORDOVA, CA 95742
(916) 638-0919 PH
(916) 638-2479 FX

ELECTRICAL (PHOTOMETRICS)
RAMPART ENTERPRISES INC.
9276 BEATTY DRIVE
SACRAMENTO, CA 95826
(916) 361-1990 PH
(916) 361-1993 FX

LANDSCAPE ARCHITECT
GARTH RUFFNER
4120 DOUGLAS BOULEVARD, SUITE 306
ROSEVILLE, CALIFORNIA 95746
(916) 797-2576 PH
(916) 797-2577 FX



Vicinity Map

NTS

The Portico @ Carson Crossing

Carson Crossing Drive

El Dorado Hills, California

PERKINS, WILLIAMS & COTTERILL
A·R·C·H·I·T·E·C·T·S
3320 DATA DRIVE, SUITE 200, RANCHO CORDOVA, CA 95670
916-851-1400 FAX 916-851-1408

Site Plan

Project:	THE PORTICO
Job No.	17310
Date:	5-26-17
Scale:	AS NOTED

A1.1

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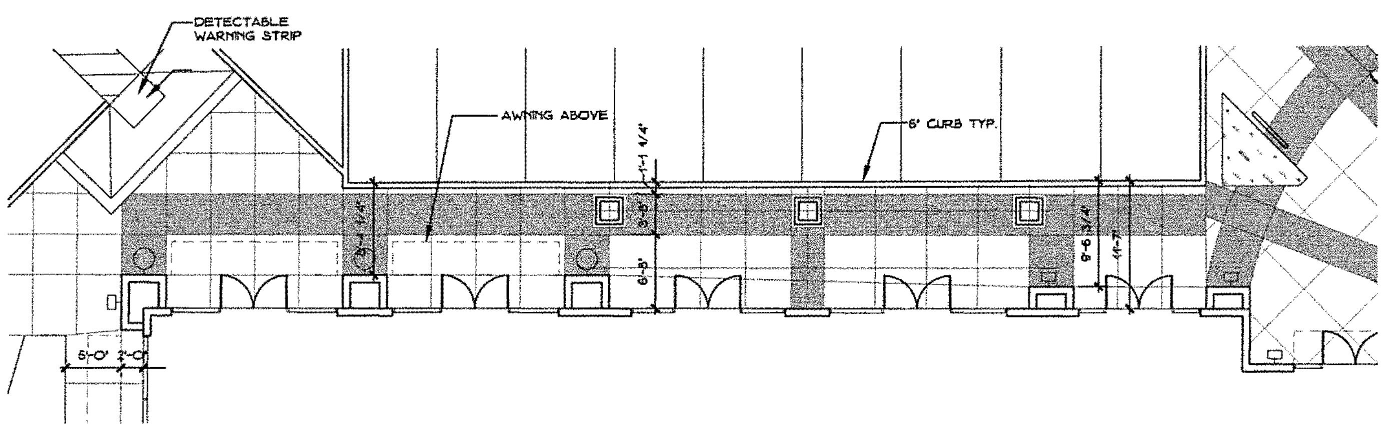
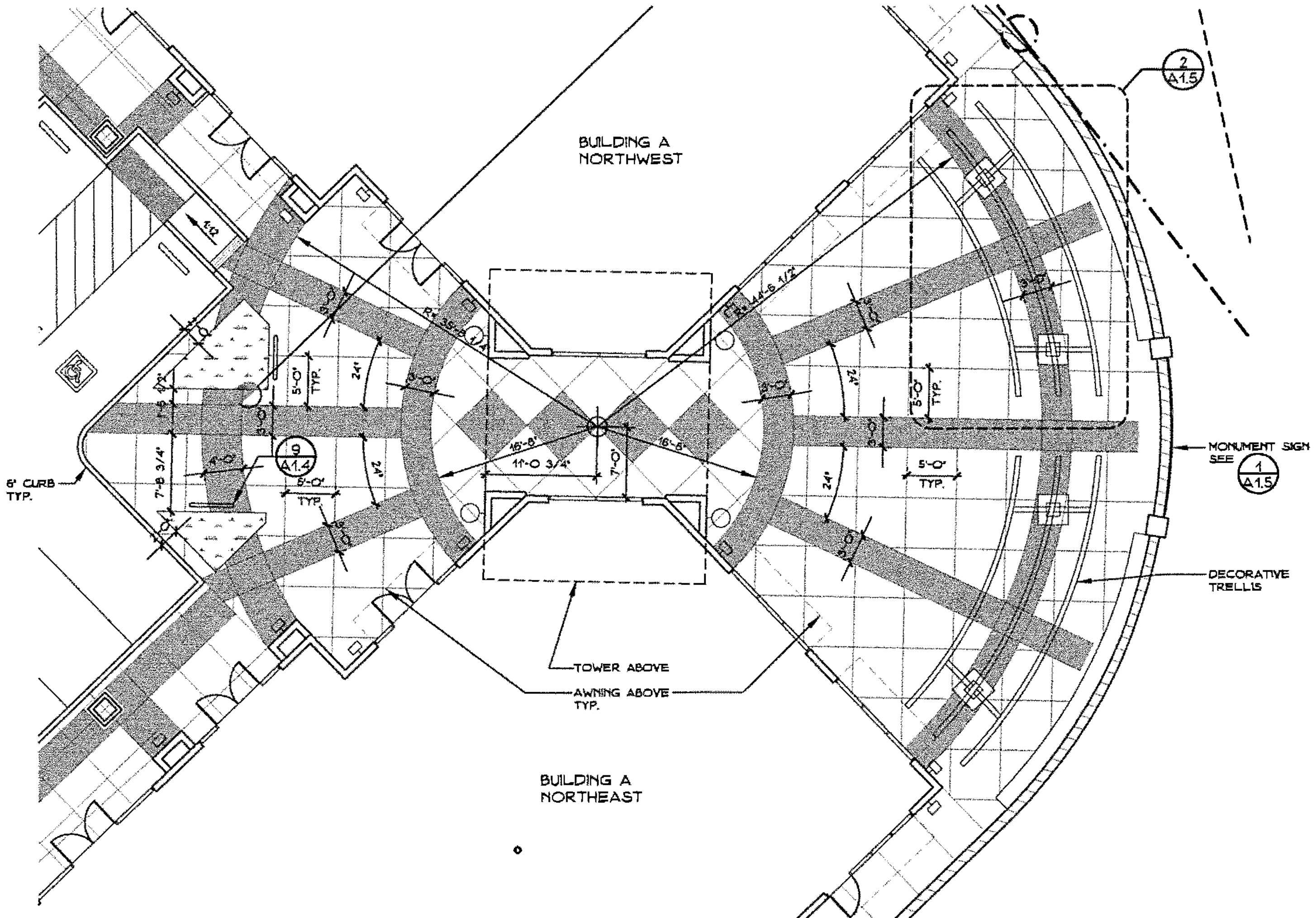


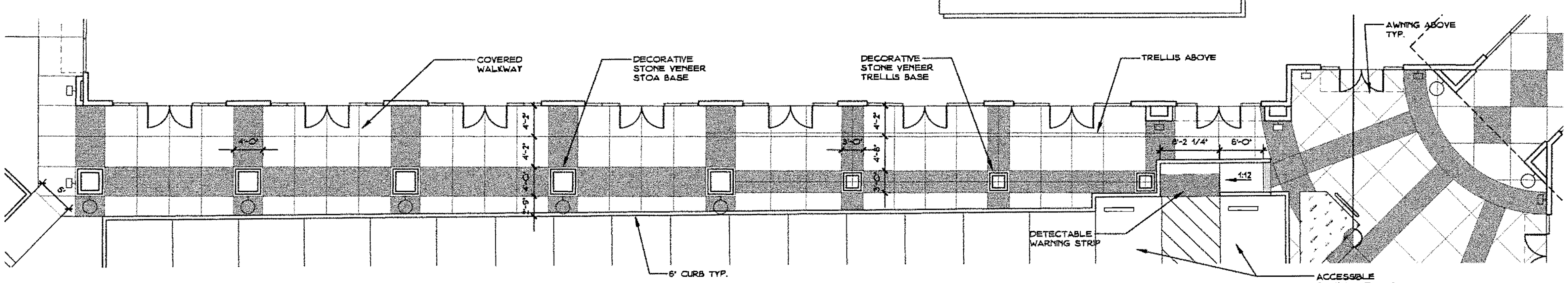
2 / A1.2 BUILDING A NORTHEAST FLATWORK
1/8" = 1'-0"
NORTH
0 2 10 20 30 40 50



1 / A1.2 ENLARGED PLAZA PLAN
1/8" = 1'-0"
NORTH
0 2 10 20 30 40 50

LEGEND

(shaded)	INTEGRALLY COLORED, SAND-BLAST FINISH CONCRETE
(blank)	BROOM FINISH CONCRETE
(dotted)	LANDSCAPE PLANTER



3 / A1.2 BUILDING A NORTHWEST FLATWORK
1/8" = 1'-0"
NORTH
0 2 10 20 30 40 50

The Portico @ Carson Crossing
Carson Crossing Drive
El Dorado Hills, California

PERKINS, WILLIAMS & COTTERILL
A·R·C·H·I·T·E·C·T·S
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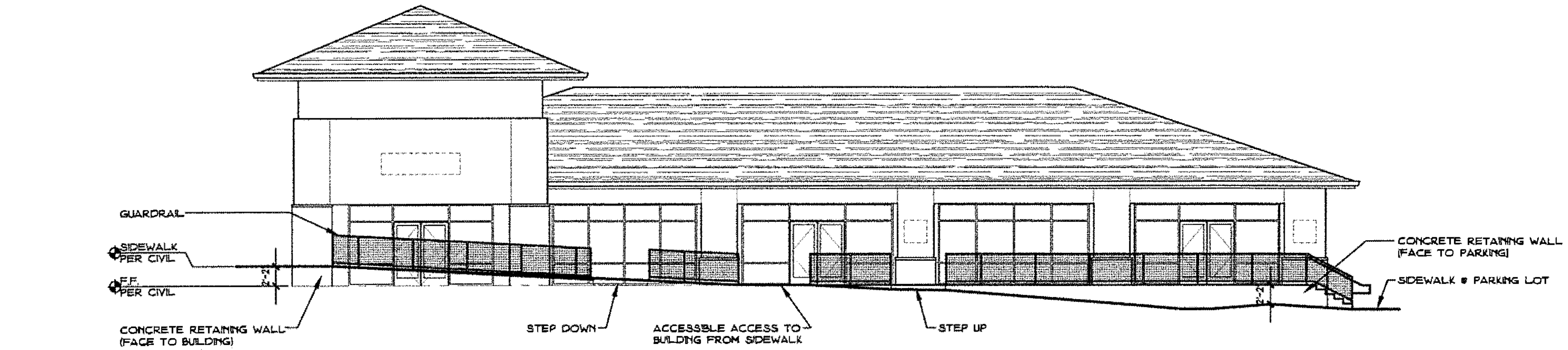
pwcarch@pwcarchitects.com

Enlarged Site Plans – Building A

Project: THE PORTICO
Job No. 17310 Date: 5-26-17
Scale: AS NOTED

A1.2

ADM 17-0043



1 / A1.3 BUILDING B RETAINING WALL AT PARKING
1/8" = 1'-0"
0 2 10 20 30 40 50

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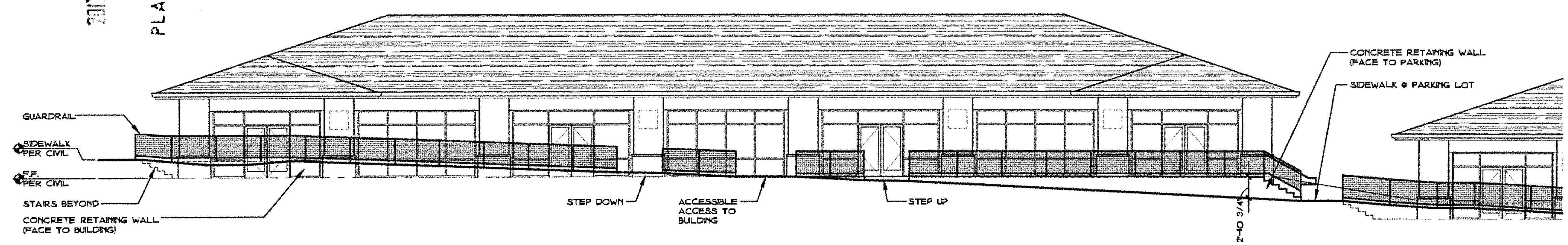
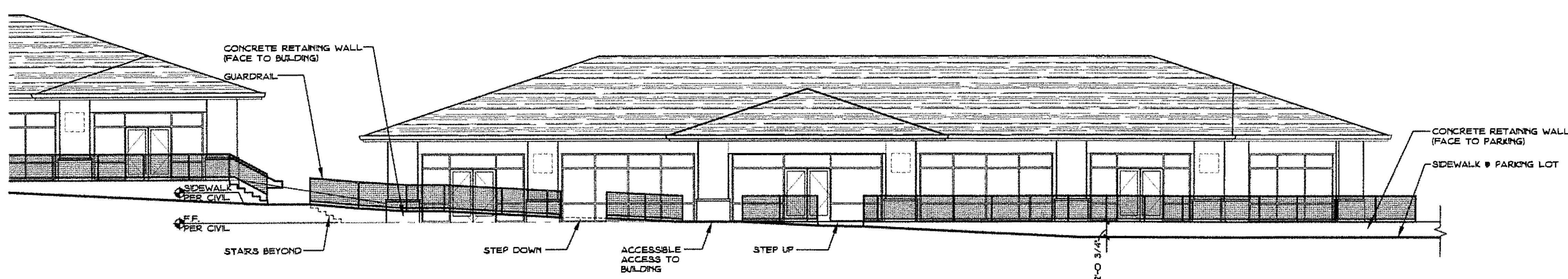
PLANNING DEPARTMENT



2 / A1.3 BUILDING C RETAINING WALL AT PARKING
1/8" = 1'-0"
0 2 10 20 30 40 50



The Portico @ Carson Crossing
Carson Crossing Drive
El Dorado Hills, California

3 / A1.3 BUILDING D RETAINING WALL AT PARKING
1/8" = 1'-0"
0 2 10 20 30 40 50

PERKINS, WILLIAMS & COTTERILL
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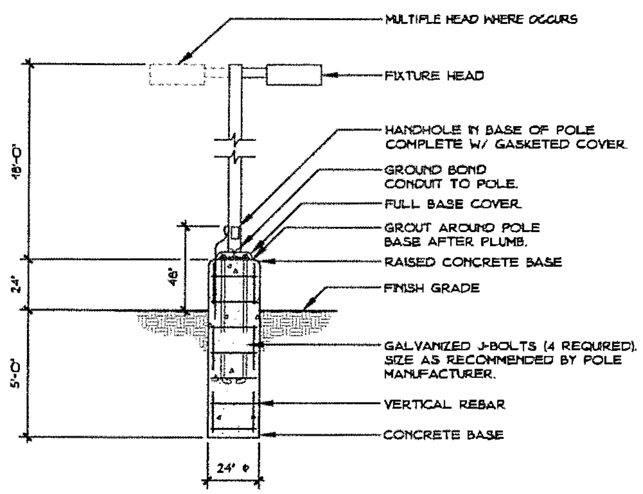
Retaining Walls at Parking Lot

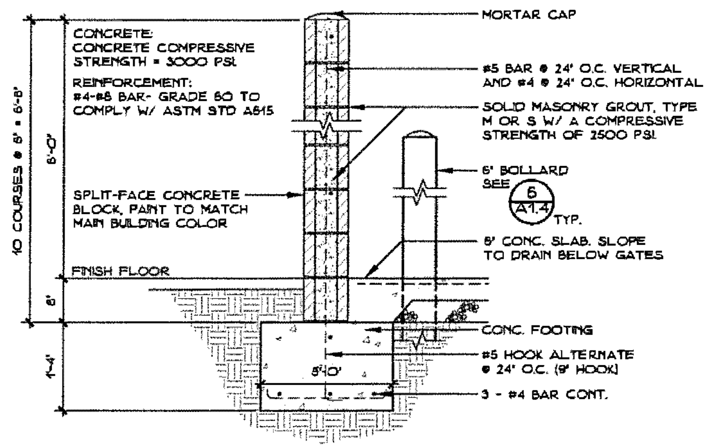
Project: THE PORTICO
Job No. 17310 Date: 5-26-17
Scale: AS NOTED

A1.3

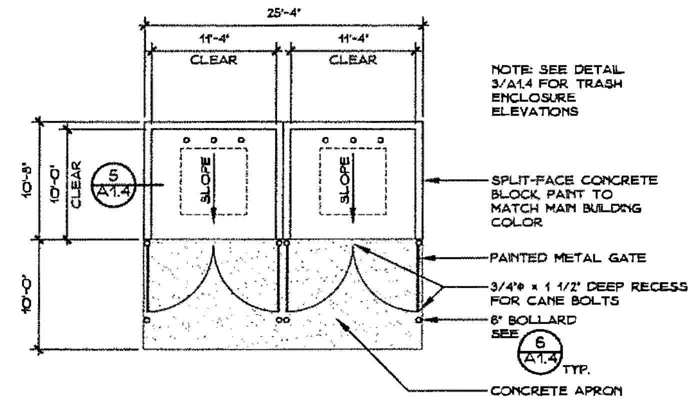
ADM 17-0043



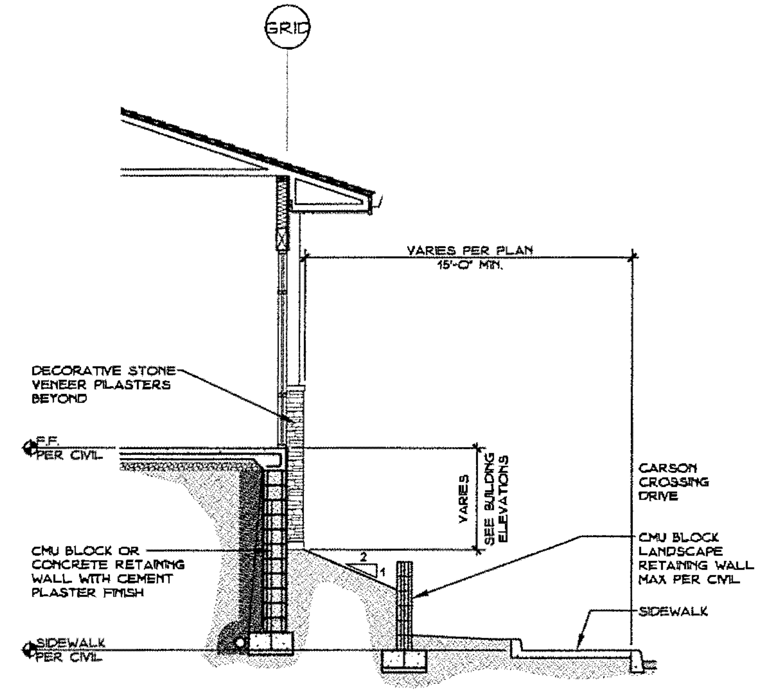
8 A1.4 *Typical Light Pole*
NOT TO SCALE



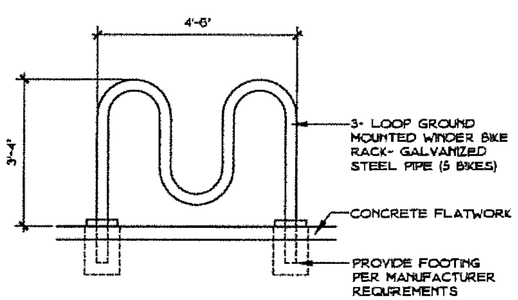
5 A1.4 *Trash Enclosure – Section*
3/4" = 1'-0"



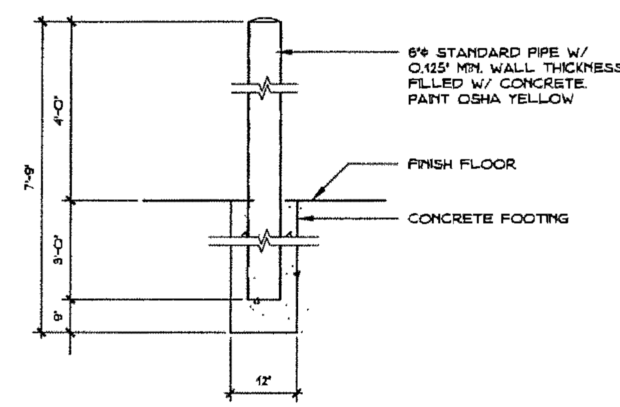
2 A1.4 *Trash Enclosure – Plan*
1/8" = 1'-0"



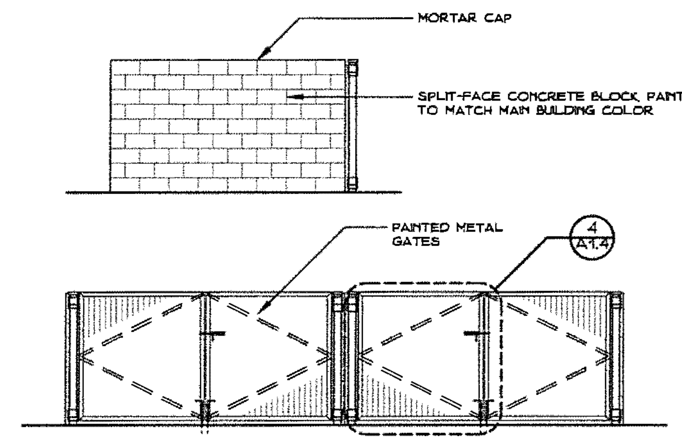
1 A1.4 *Typ. Retaining Wall at Building*
1/4" = 1'-0"



9 A1.4 *Bicycle Parking*
NOT TO SCALE



6 A1.4 *Typical Pipe Bollard*
3/4" = 1'-0"



3 A1.4 *Trash Enclosure – Elevations*
1/4" = 1'-0"

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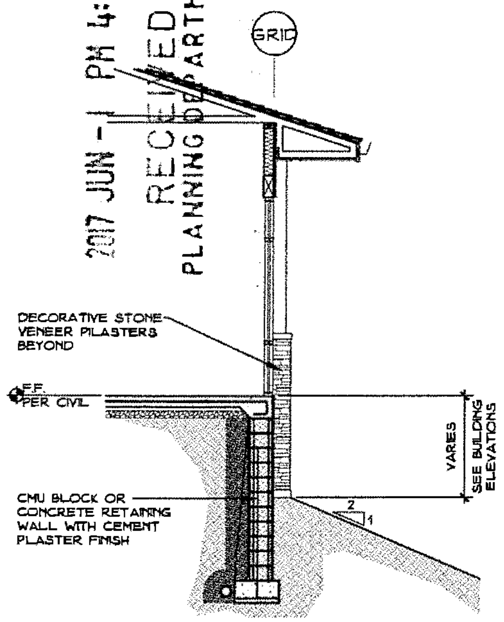
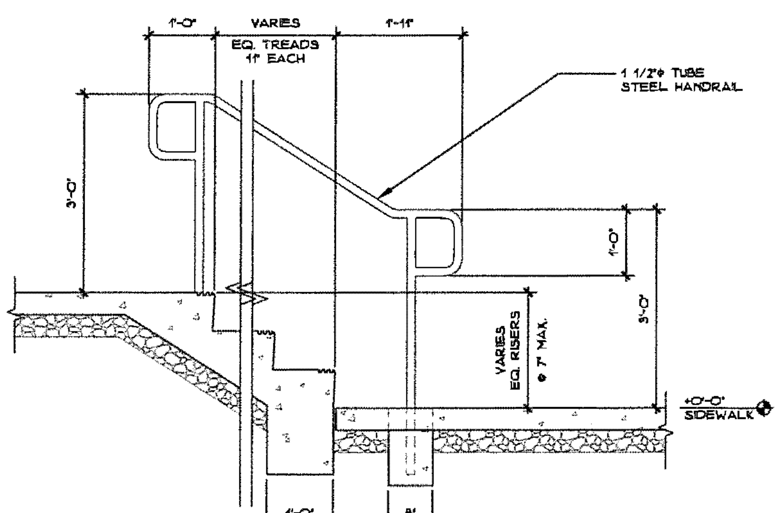
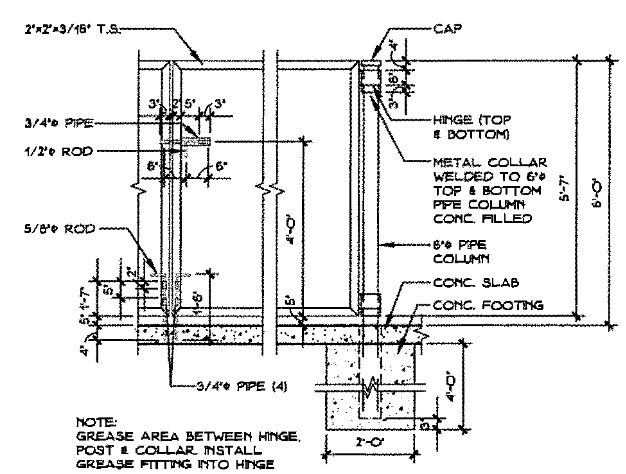


10 A1.4 *Retaining Wall at Building*
1/4" = 1'-0"



7 A1.4 *Typical Stair Section*
3/4" = 1'-0"



4 A1.4 *Gate Post & Gate*
NOT TO SCALE

The Portico @ Carson Crossing
Carson Crossing Drive
El Dorado Hills, California

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Site Sections & Details

Project: THE PORTICO
Job No. 17310 Date: 5-26-17
Scale: AS NOTED

A1.4

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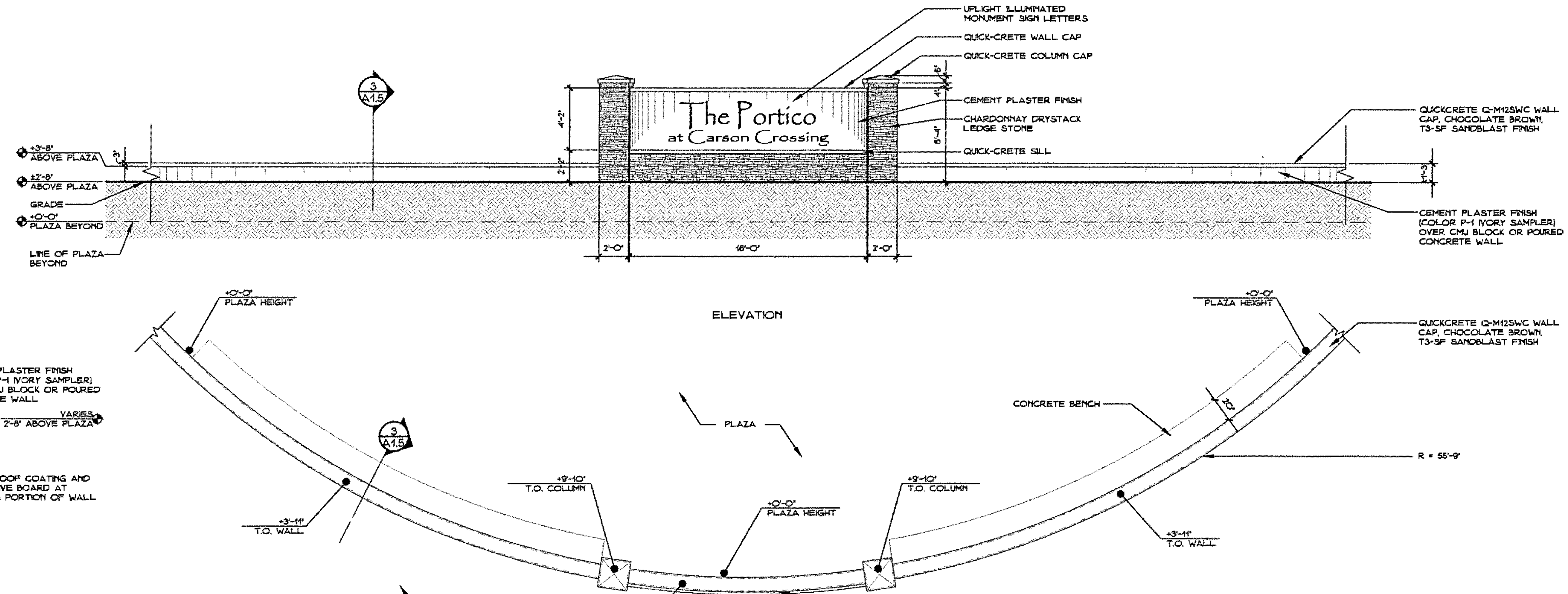
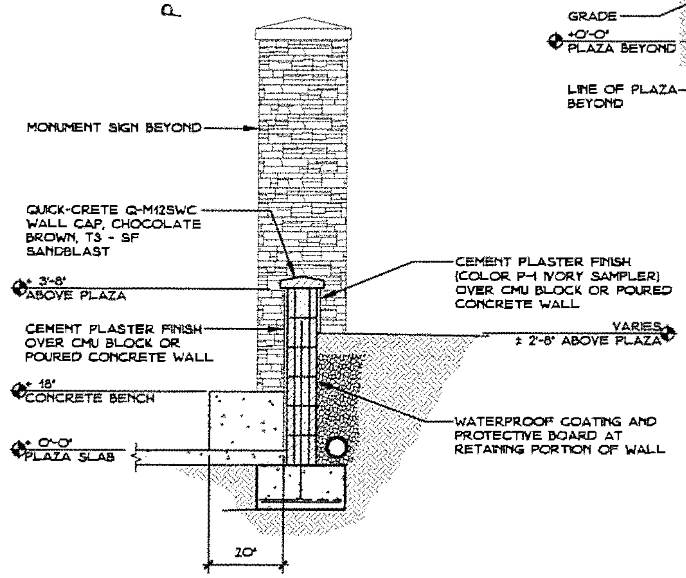
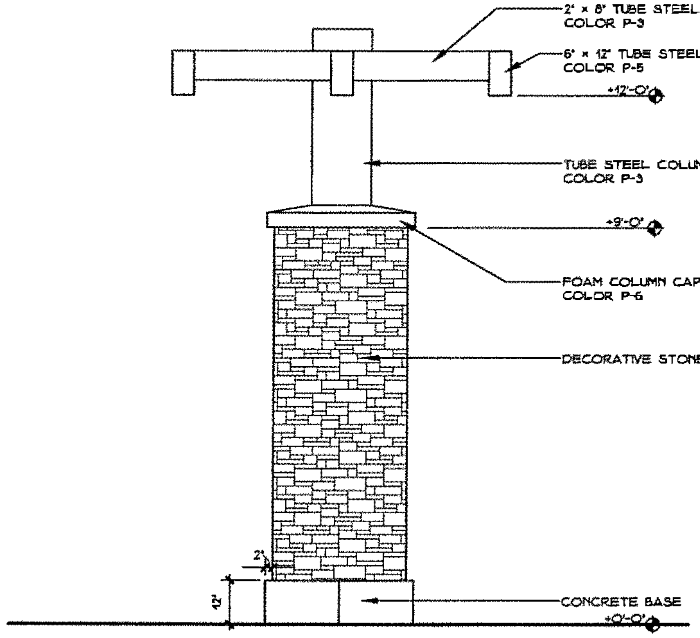


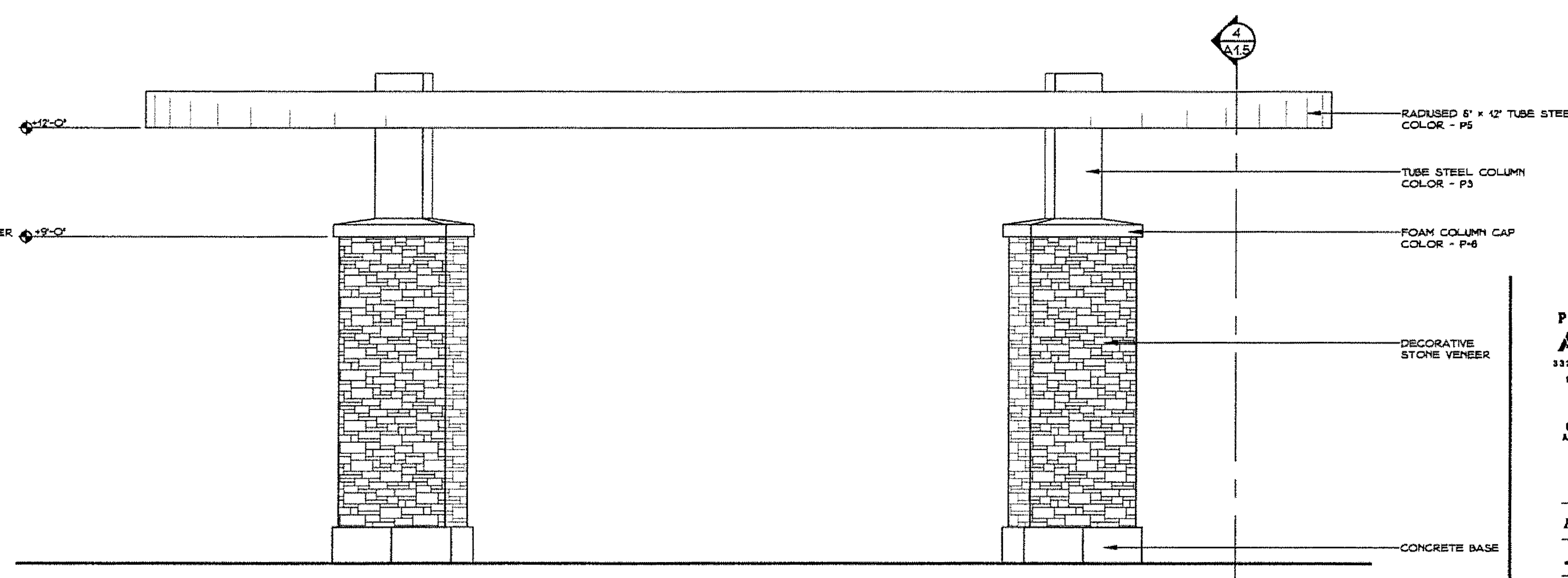
1 A1.5 MONUMENT SIGN/RETAINING WALL
1/4" = 1'-0"



3 A1.5 RETAINING WALL SECTION
1/2" = 1'-0"



4 A1.5 TRELLIS ELEVATION
1/2" = 1'-0"



2 A1.5 TRELLIS ELEVATION
1/2" = 1'-0"

COLOR SCHEDULE

P1	ICI A0766 - 'IVORY SAMPLER'
P2	ICI A0733 - 'GRAND CANYON'
P3	ICI A0609 - 'COPPER PENNY'
P4	ICI A1722 - 'COTTAGE CHOCOLATE'
P5	ICI A0525 - 'CHIPPENDALE'
P6	ICI A1674 - 'COURTYARD STONE'

The Portico @ Carson Crossing
Carson Crossing Drive
El Dorado Hills, California

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pwarch@pwarchitects.com

Site Details

Project: THE PORTICO
Job No. 17310 Date: 5-26-17
Scale: AS NOTED

A1.5

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Building A NW – West Elevation

3/32" = 1'-0"

0 4 10 20 30 40 60

Building A NW – South Elevation

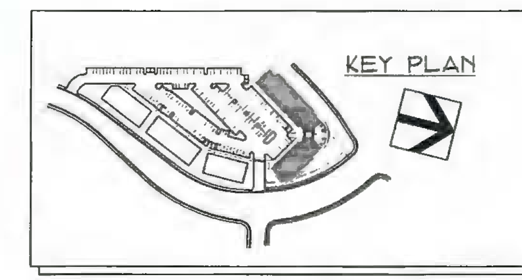
3/32" = 1'-0"

0 4 10 20 30 40 60

Building A NW – East Elevation

3/32" = 1'-0"

0 4 10 20 30 40 60



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Building A NE – South Elevation

3/32" = 1'-0"

0 4 10 20 30 40 60

Building A NE – East Elevation

3/32" = 1'-0"

COLOR SCHEDULE

- P1 ICI AO766 - 'IVORY SAMPLER'
- P2 ICI AO733 - 'GRAND CANYON'
- P3 ICI AO609 - 'COPPER PENNY'
- P4 ICI A1722 - 'COTTAGE CHOCOLATE'
- P5 ICI AO525 - 'CHIPPENDALE'
- P6 ICI A1874 - 'COURTYARD STONE'

FINISH SCHEDULE

- RT CONCRETE ROOF TILES
- CP PAINTED CEMENT PLASTER FINISH
- ST DECORATIVE STONE VENEER - LEDGESTONE
- WN ALUMINUM STOREFRONT WINDOW SYSTEM
- TR PAINTED STEEL TRELLIS
- FC FABRIC CANOPY - BLACK CHERRY
- CN CORNICE ELEMENT

LIGHTING SCHEDULE

- DECORATIVE INVUE LUMINAIRE #1
- DECORATIVE INVUE LUMINARE #2
- WALL PACK LIGHT #3C

Building A NE – North Elevation

3/32" = 1'-0"

0 4 10 20 30 40 60

The Portico @ Carson Crossing

Carson Crossing Drive
El Dorado Hills, California

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Building A Elevations

Project: THE PORTICO

Job No. 17310 Date: 5-26-17

Scale: AS NOTED

A2.1

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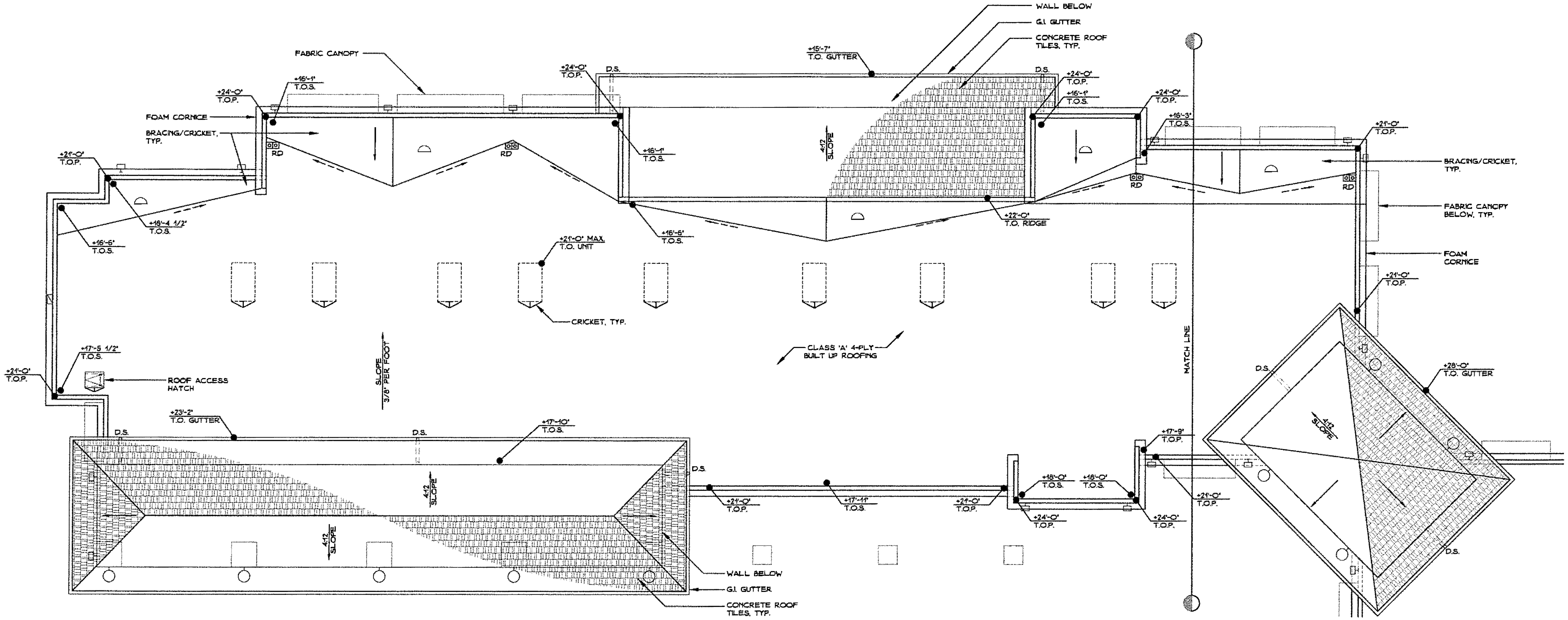


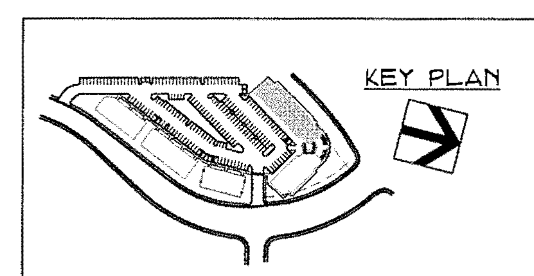
Building A NW – Roof Plan

1/8" = 1'-0"

0 2 10 20 30 40 50

NORTH

The Portico @ Carson Crossing
Carson Crossing Drive
El Dorado Hills, California



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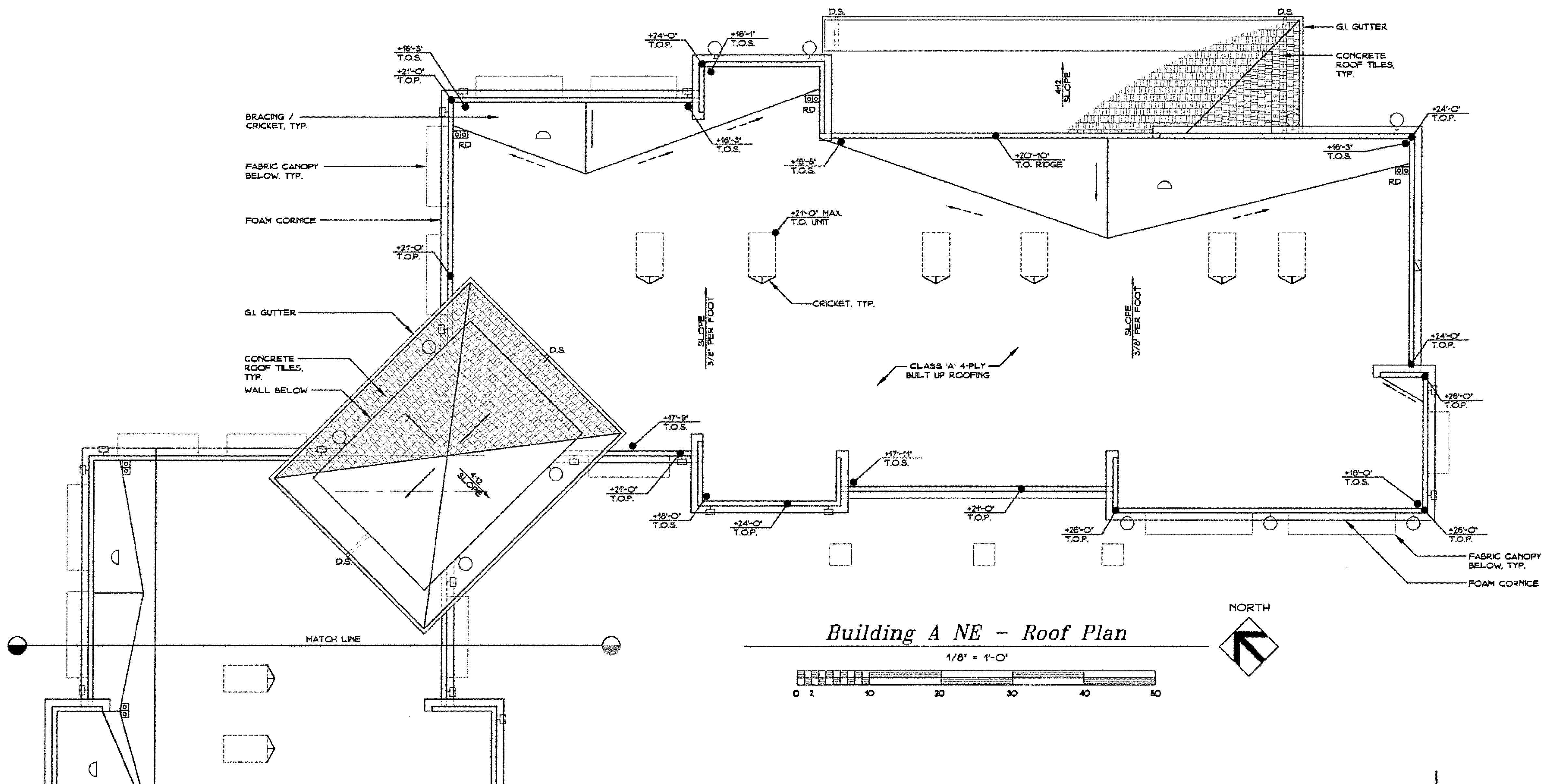
3320 DATA DRIVE, SUITE 300, RANCHO CORDOVA, CA 95670
916-631-1400 FAX 916-631-1406

Building A Roof Plan

Project:	THE PORTICO
Job No.	17310
Date:	5-26-17
Scale:	AS NOTED

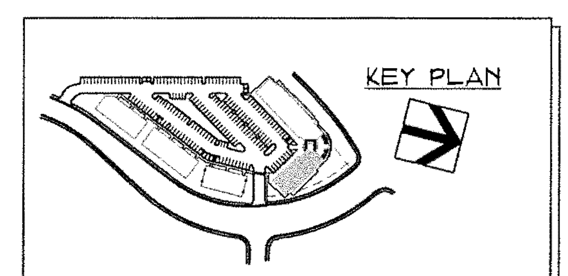
A2.2

ADM 17-0043



Building A NE – Roof Plan

1/8" = 1'-0"



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Building A Roof Plan

Project: THE PORTICO

Job No. 17310 Date: 5-26-17

Scale: AS NOTED

A2.3

ADM 17-0043

The Portico @ Carson Crossing
Carson Crossing Drive
El Dorado Hills, California

Building B – West Elevation

1/8" = 1'-0"

Building B – South Elevation

1/8" = 1'-0"

Building B – East Elevation

1/8" = 1'-0"

Building B – North Elevation

1/8" = 1'-0"

COLOR SCHEDULE

- P1 ICI A0766 - 'IVORY SAMPLER'
- P2 ICI A0733 - 'GRAND CANYON'
- P3 ICI A0609 - 'COPPER PENNY'
- P4 ICI A1722 - 'COTTAGE CHOCOLATE'
- P5 ICI A0525 - 'CHIPPENDALE'
- P6 ICI A1874 - 'COURTYARD STONE'

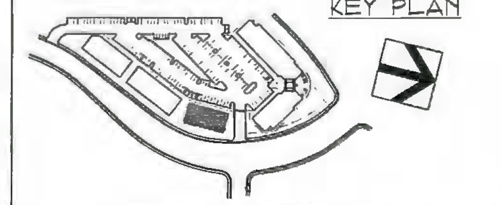
FINISH SCHEDULE

- RT CONCRETE ROOF TILES
- CP PAINTED CEMENT PLASTER FINISH
- ST DECORATIVE STONE VENEER - LEDGESTONE
- WN ALUMINUM STOREFRONT WINDOW SYSTEM
- TR PAINTED STEEL TRELLIS
- FC FABRIC CANOPY - BLACK CHERRY
- CN CORNICE ELEMENT

LIGHTING SCHEDULE

- DECORATIVE INVUE LUMINAIRE #1
- DECORATIVE INVUE LUMINAIRE #2
- WALL PACK LIGHT #30

KEY PLAN



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3320 DATA DRIVE, SUITE 200, RANCHO CORDOVA, CA 95670
916-851-1400 FAX 916-851-1402

Building B Elevations

Project: THE PORTICO

Job No. 17310 Date: 5-26-17

Scale: AS NOTED

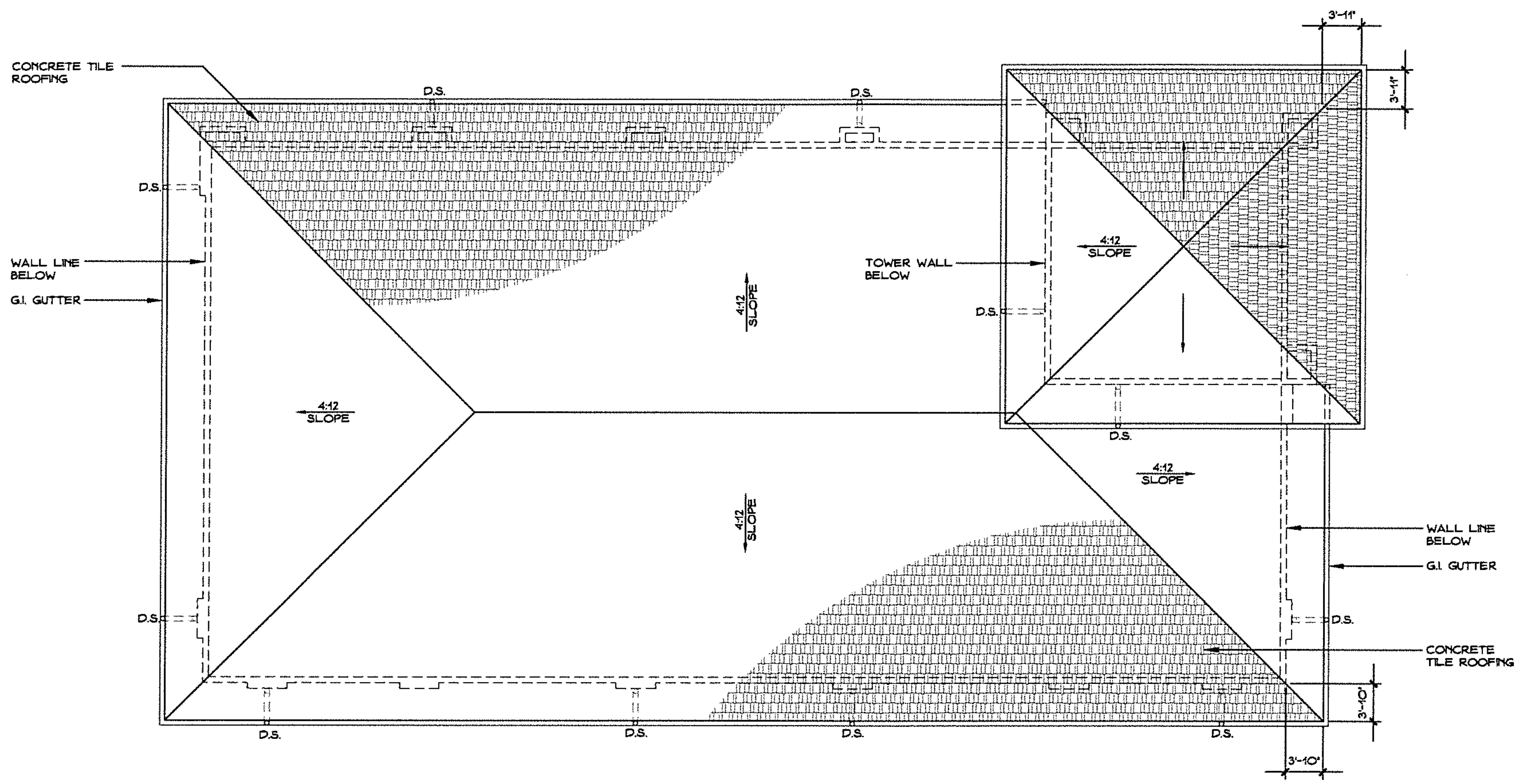
A3.1

The Portico @ Carson Crossing

Carson Crossing Drive

El Dorado Hills, California

ADM 17-0043



Building B – Roof Plan

1/8" = 1'-0"

NORTH

0 2 10 20 30 40 50

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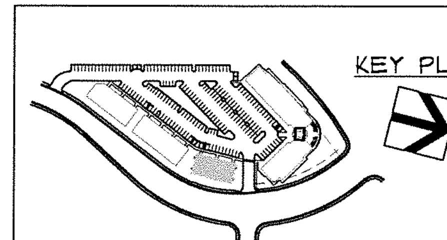

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3320 DATA DRIVE, SUITE 200, RANCHO CORDOVA, CA 95670
916-851-1400 FAX: 916-851-1406
pwcarch@pwcarchitects.com

Building B Roof Plan

Project: THE PORTICO

Job No. 17310 Date: 5-26-17

Scale: AS NOTED

A3.2

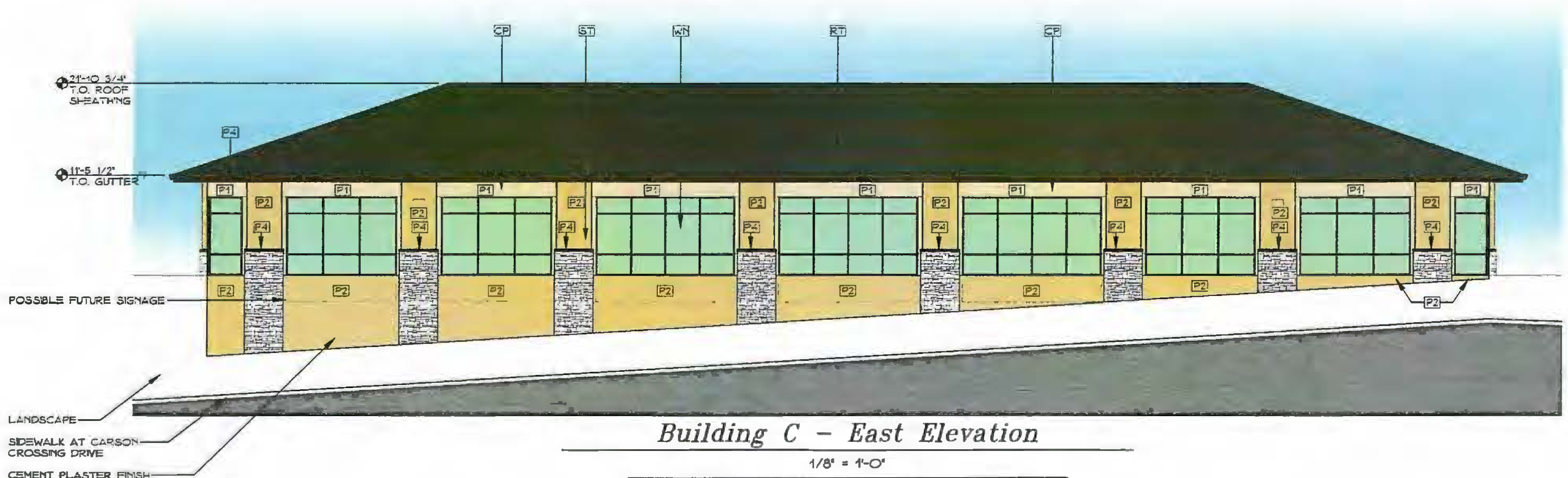
ADM 17-0043

The Portico @ Carson Crossing
Carson Crossing Drive
El Dorado Hills, California

Building C – West Elevation

1/8" = 1'-0"

0 2 10 20 30 40 50



Building C – East Elevation

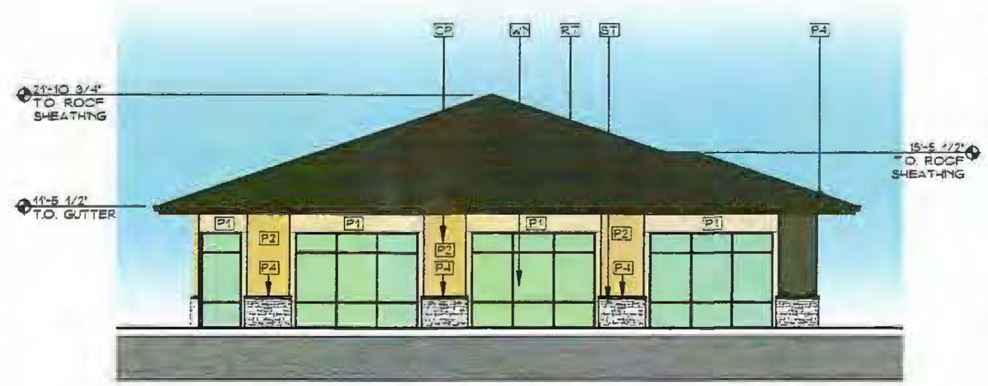
1/8" = 1'-0"

0 2 10 20 30 40 50

Building C – South Elevation

1/8" = 1'-0"

0 2 10 20 30 40 50



Building C – North Elevation

1/8" = 1'-0"

0 2 10 20 30 40 50

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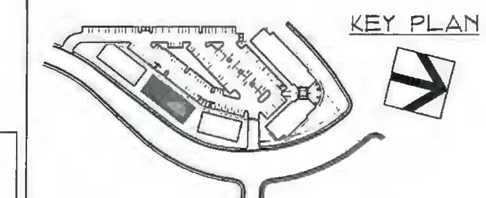
PLANNING DEPARTMENT

The Portico @ Carson Crossing

Carson Crossing Drive

El Dorado Hills, California

KEY PLAN



COLOR SCHEDULE

P1	ICI A0766 - 'IVORY SAMPLER'
P2	ICI A0733 - 'GRAND CANYON'
P3	ICI A0509 - 'COPPER PENNY'
P4	ICI A1722 - 'COTTAGE CHOCOLATE'
P5	ICI A0525 - 'CHIPPENDALE'
P6	ICI A1874 - 'COURTYARD STONE'

FINISH SCHEDULE

RT	CONCRETE ROOF TILES
CP	PAINTED CEMENT PLASTER FINISH
ST	DECORATIVE STONE VENEER - LEDGESTONE
WN	ALUMINUM STOREFRONT WINDOW SYSTEM
TR	PAINTED STEEL TRELLIS
FC	FABRIC CANOPY - BLACK CHERRY
CN	CORNICE ELEMENT

LIGHTING SCHEDULE

- DECORATIVE INVUE LUMINAIRE #1
- DECORATIVE INVUE LUMINAIRE #2
- WALL PACK LIGHT #30

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pwcarch@pwcarchitects.com

Building C Elevations

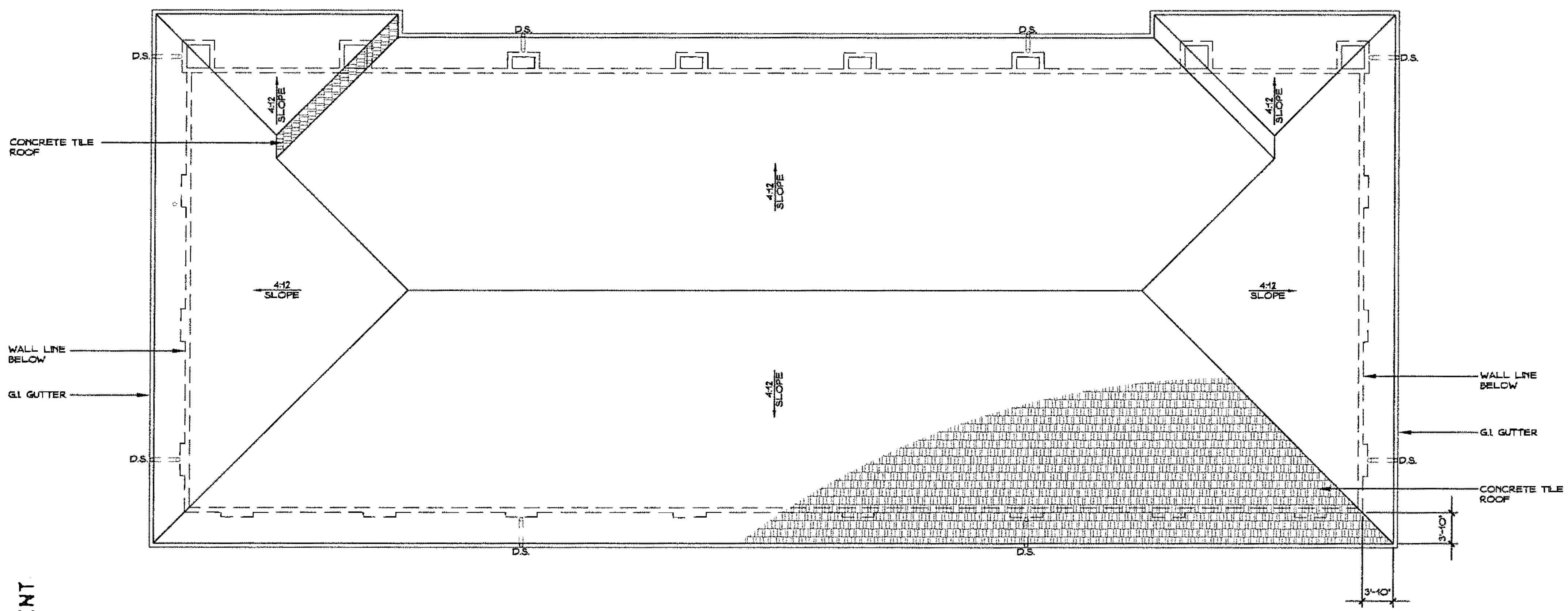
Project: THE PORTICO

Job No. 17310 *Date:* 5-26-17

Scale: AS NOTED

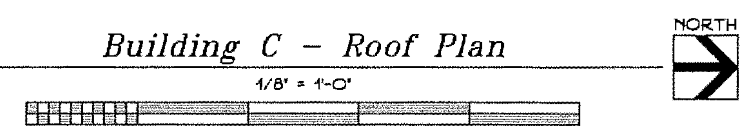
A4.1

ADM 17-0043



Building C – Roof Plan

1/8" = 1'-0"



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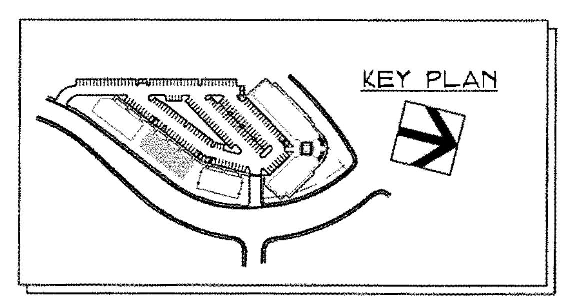
PLANNING DEPARTMENT



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3330 DATA DRIVE, SUITE 300, RANCHO CORDOVA, CA 95670
916-851-1400 FAX 916-851-1401
pwearch@pwearchitects.com

Building C Roof Plan

Project: THE PORTICO

Job No. 17310 **Date:** 5-26-17

Scale: AS NOTED

A4.2

ADM 17-0043

The Portico @ Carson Crossing

Carson Crossing Drive

El Dorado Hills, California

Building D – West Elevation

1/8" = 1'-0"

0 2 10 20 30 40 50

Building D – South Elevation

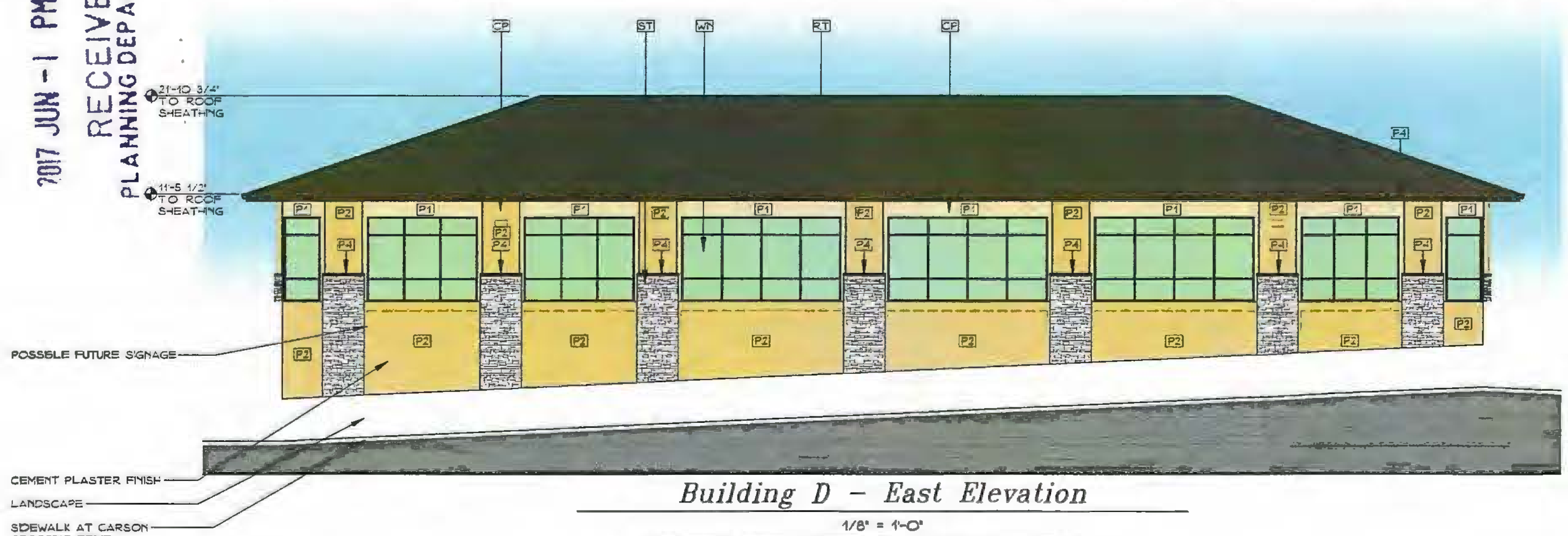
1/8" = 1'-0"

0 2 10 20 30 40 50

Building D – North Elevation

1/8" = 1'-0"

0 2 10 20 30 40 50



Building D – East Elevation

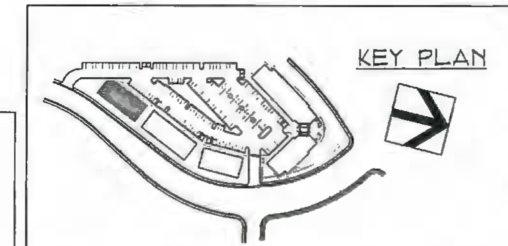
1/8" = 1'-0"

0 2 10 20 30 40 50

The Portico @ Carson Crossing

Carson Crossing Drive

El Dorado Hills, California



COLOR SCHEDULE

- P1 ICI A0766 - 'IVORY SAMPLER'
- P2 ICI A0733 - 'GRAND CANYON'
- P3 ICI A0609 - 'COPPER PENNY'
- P4 ICI A1722 - 'COTTAGE CHOCOLATE'
- P5 ICI A0525 - 'CHIPPENDALE'
- P6 ICI A1874 - 'COURTYARD STONE'

FINISH SCHEDULE

- RT CONCRETE ROOF TILES
- CP PAINTED CEMENT PLASTER FINISH
- ST DECORATIVE STONE VENEER - LEDGESTONE
- WN ALUMINUM STOREFRONT WINDOW SYSTEM
- TR PAINTED STEEL TRELLIS
- FC FABRIC CANOPY - BLACK CHERRY
- CN CORNICE ELEMENT

LIGHTING SCHEDULE

- DECORATIVE INVUE LUMINAIRE #1
- DECORATIVE INVUE LUMINAIRE #2
- WALL PACK LIGHT #30

PERKINS, WILLIAMS & COTTERILL
A·R·C·H·I·T·E·C·T·S
3320 DATA DRIVE, SUITE 200, RANCHO CORDOVA, CA 95670
916-851-1400 FAX 916-851-1408
pwcarch@pwcarchitects.com

Building D Elevations

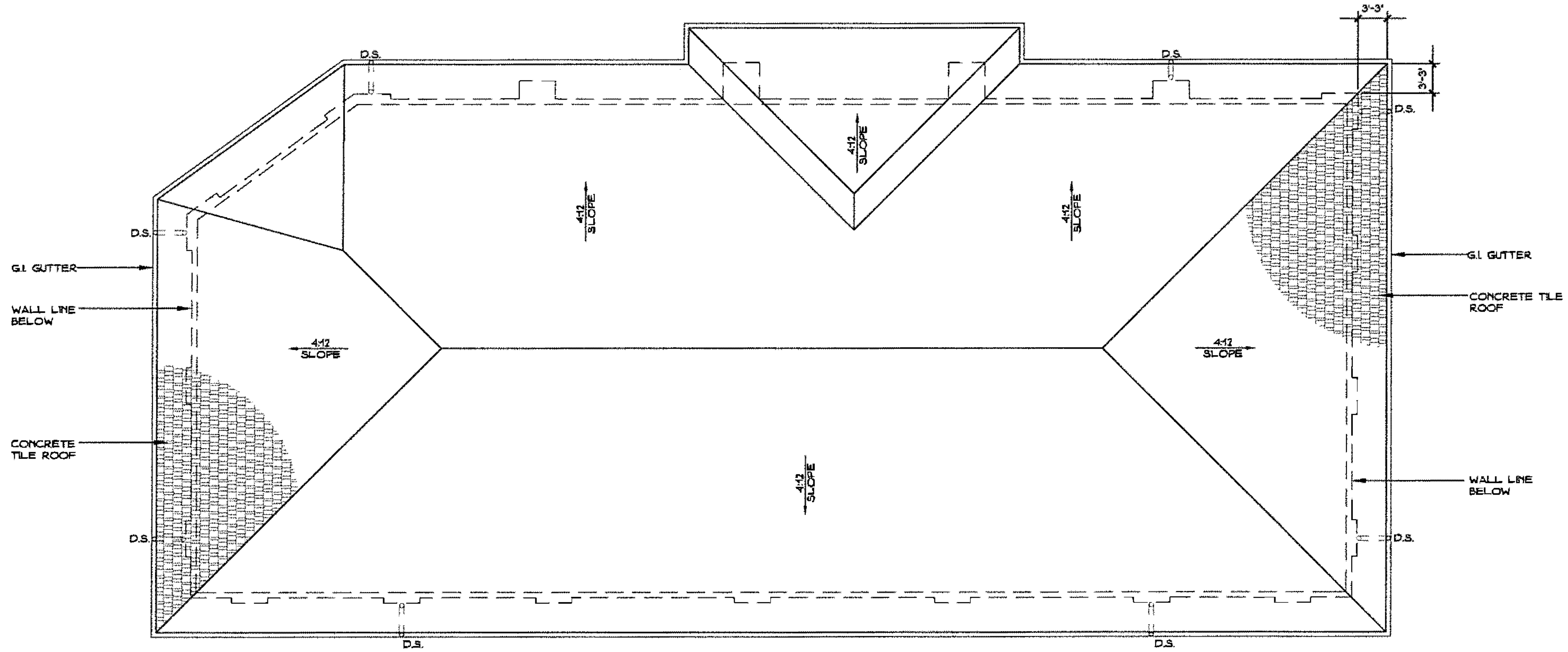
Project: THE PORTICO

Job No. 17310 **Date:** 5-26-17

Scale: AS NOTED

A5.1

ADM 17-0043



Building D – Roof Plan

1/8" = 1'-0"

0 2 10 20 30 40 50

NORTH

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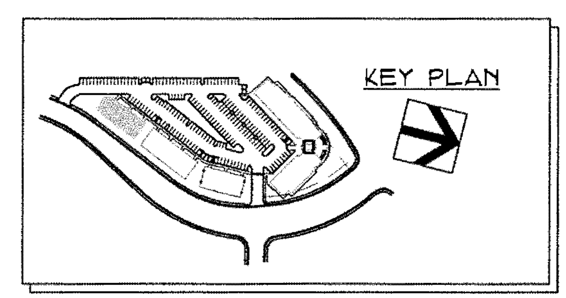
The Portico @ Carson Crossing

Carson Crossing Drive

El Dorado Hills, California



PERKINS, WILLIAMS & COTTERILL
A·R·C·H·I·T·E·C·T·S
3320 DATA DRIVE, SUITE 200, RANCHO CORDOVA, CA 95670
916-851-1900 FAX 916-851-1408
pwcarch@pwcarchitects.com

Building D Roof Plan

Project: THE PORTICO

Job No. 17310 *Date:* 5-26-17

Scale: AS NOTED

A5.2

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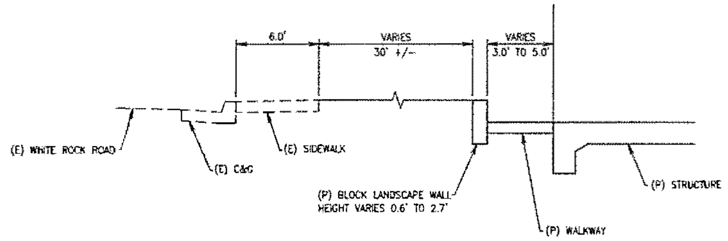
THE PORTICO AT CARSON CROSSING

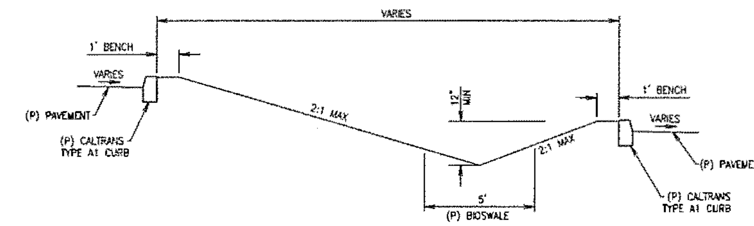
PRELIMINARY GRADING PLAN

EL DORADO HILLS, CALIFORNIA

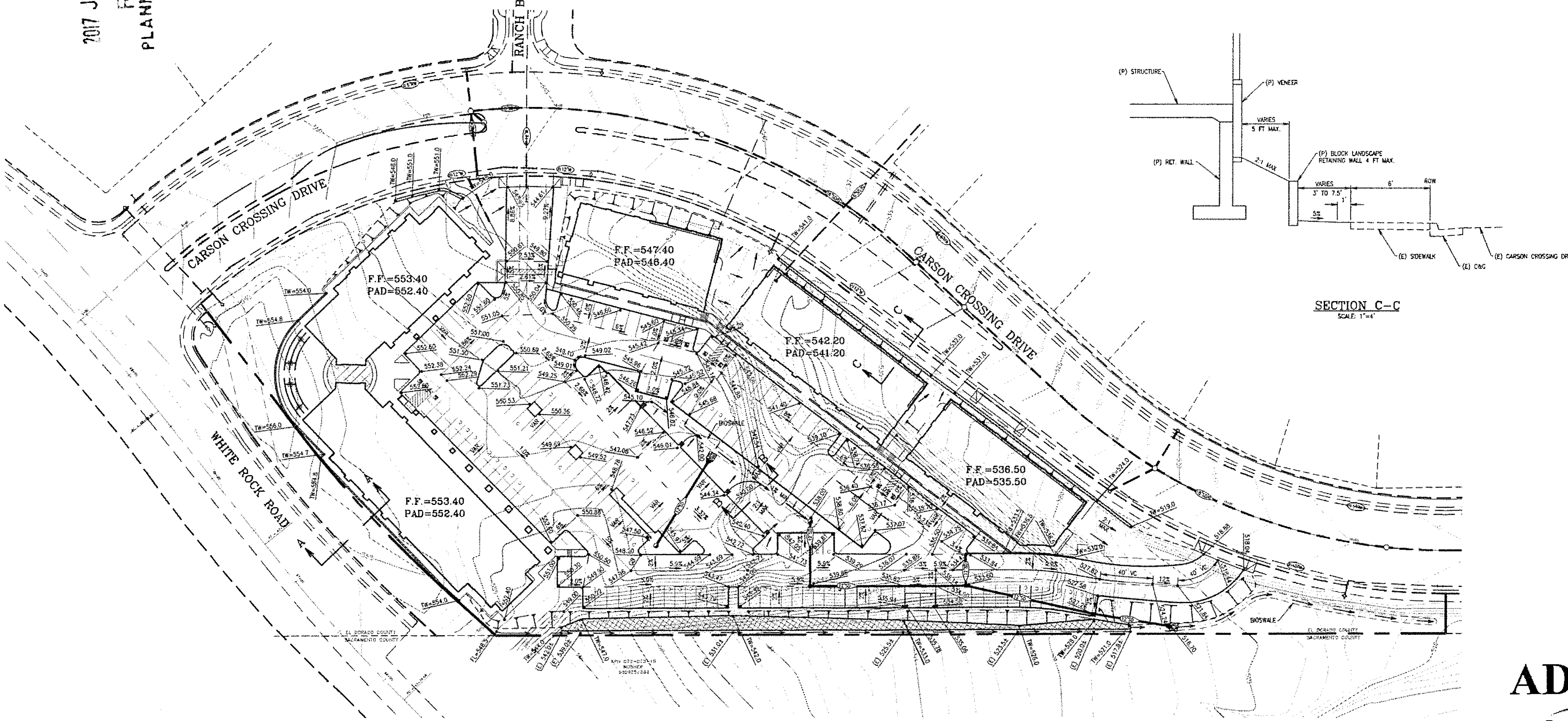
SCALE: 1"=40' MAY, 2017



SECTION A-A
SCALE: 1"=4'

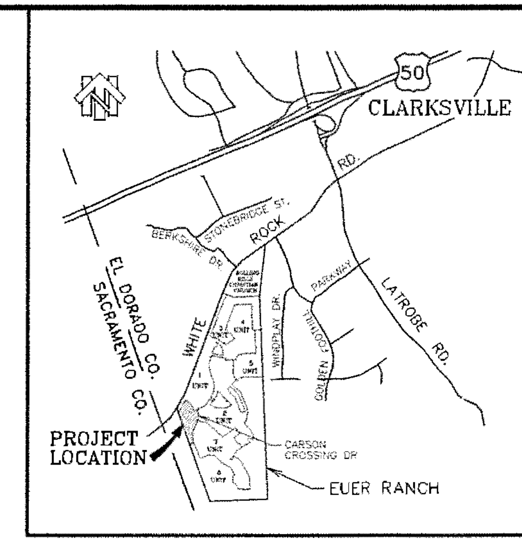


SECTION B-B
SCALE: 1"=4'



SECTION C-C
SCALE: 1"=4'

0 20' 40' 80'
SCALE: 1" = 40'



VICINITY MAP
NOT TO SCALE

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LEGEND:

- PROPERTY BOUNDARY
- EXISTING CONTOUR
- 1802.7 SPOT ELEVATION
- FLOWLINE
- GRADE BREAK
- DAYLIGHT LINE
- PROPOSED GRADING (2:1 MAX SLOPE)
- PROPOSED RETAINING WALL
- PROPOSED ROCKERY WALL
- PROPOSED DRAINAGE INLET
- PROPOSED SDMH
- PROPOSED DRAIN LINE
- EXISTING DRAIN LINE
- EXISTING SEWER LINE
- EXISTING WATER LINE
- EXISTING FIRE HYDRANT
- EXISTING WATER SERVICE
- ROCK PROTECTION

ADM 17-0043

cta Engineering & Surveying

Civil Engineering ▪ Land Surveying ▪ Land Planning
3233 Monier Circle, Rancho Cordova, CA 95742

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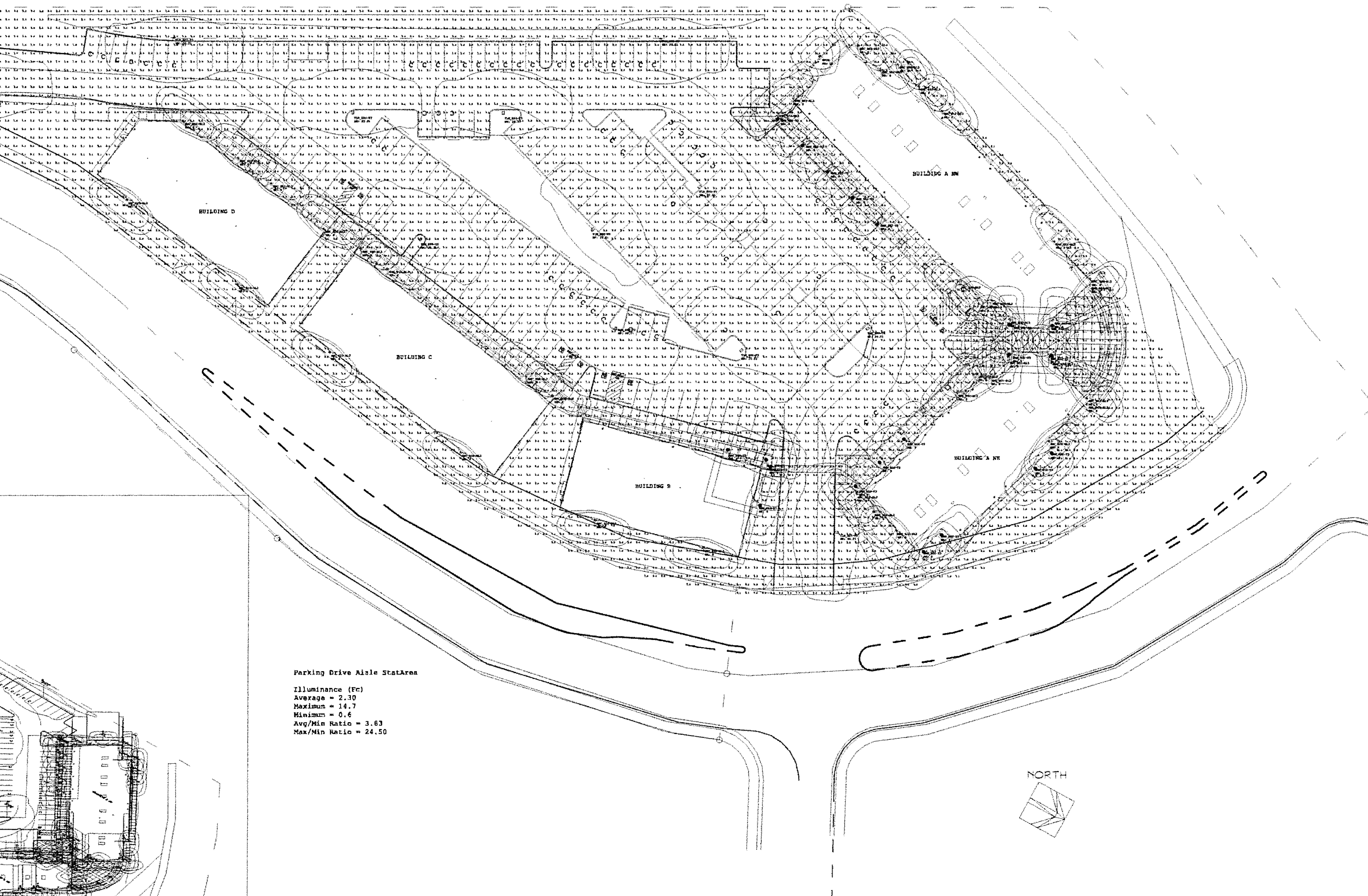
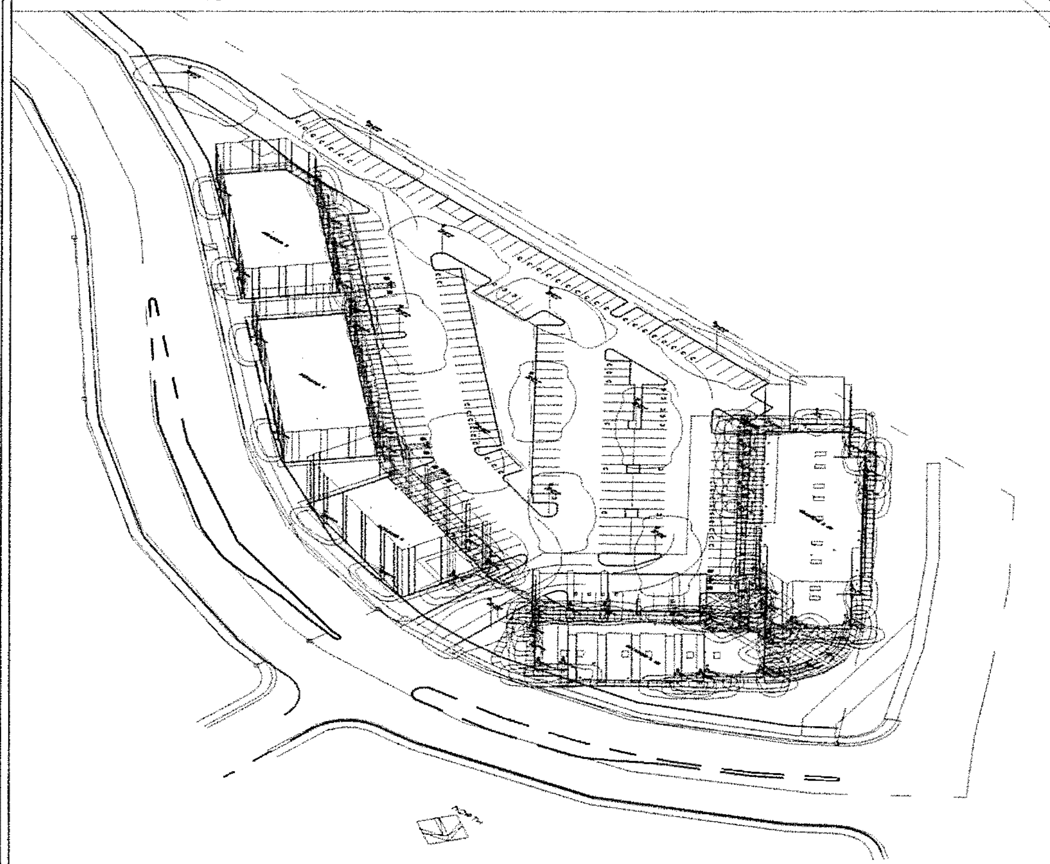


Parking Drive Aisle StatArea

Illuminance (Fc)
Average = 2.30
Maximum = 14.7
Minimum = 0.6
Avg/Min Ratio = 3.83
Max/Min Ratio = 24.50



NE ISO VIEW N.T.S.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Lum. Lumens	LLD	LDD	BF	LLF	Description	Filename
	20	EMM_E02-T3	SINGLE	5873	1.000	0.900	1.000	0.900	EMM-E02-LED-E1-T3	EMM-E02-LED-E1-T3.ies
	40	ENC_E02-BL3	SINGLE	5405	1.000	0.900	1.000	0.900	ENC-E02-LED-E1-BL3	ENC-E02-LED-E1-BL3.ies
	12	TLM_E05-T3	SINGLE	15420	1.000	0.900	1.000	0.900	TLM-E05-LED-E1-T3	TLM-E05-LED-E1-T3.ies
	1	WPCM	SINGLE	5069	1.000	0.900	1.000	0.900	262974 ,MOD# WPCM-60WLED-UNIV	WPCM-60WLED-UNIV.ies

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Parking Drive Aisle StatArea	Illuminance	Fc	2.30	14.7	0.6	3.83	24.50

ADM 17-0043

** Lighting Layout Recommendation **

All values shown are maintained horizontal Footcandles at grade level.

The lighting calculations provided in this report approximate the light levels expected within the space as defined and are based on the information provided to Cal Lighting. Please verify the data to assure the accuracy of the report. Cal Lighting is not responsible for light output of lamps and ballasts, or design variables.

CAL LIGHTING
855.9CALLTG WWW.CAL.lighting

Client : RAMPART ENTERPRISES, INC.

Application Engineer : VONETTA CLARK

Salesperson : TIM HARRIS

Project Name : THE PORTICO AT CARSON CROSSING

Location : EL DORADO HILLS, CA

File Name : 6311 HAR-A

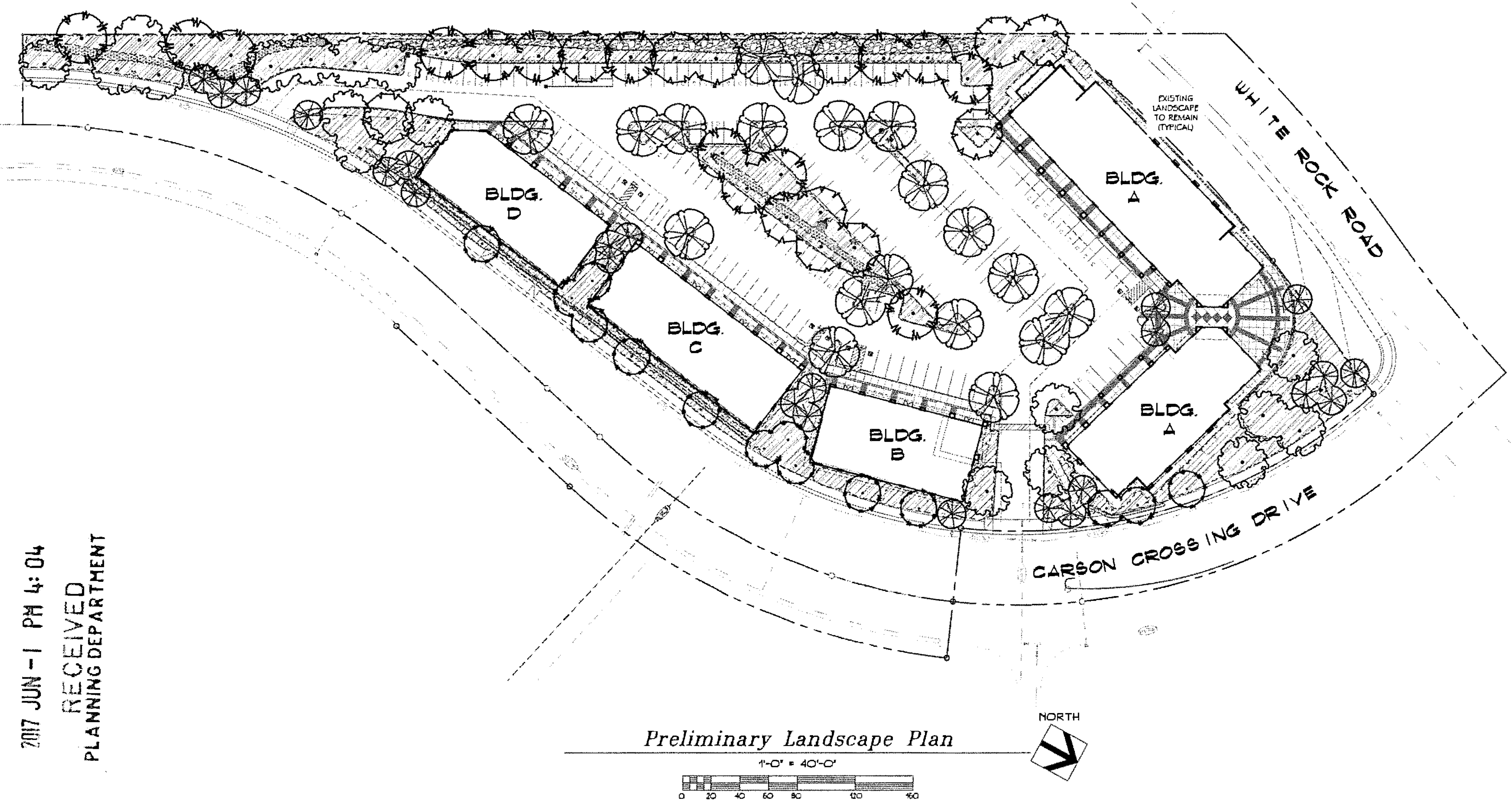
Scale: 1" = 30'-0"

Date : 5/30/2017

CAL - 1

1 of 1

Rev # 0



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PLANT LIST & LEGEND

SYMBOL	BOTANIC NAME/COMMON NAME	SIZE
	CEDRUS DEODARA/DEODAR CEDAR	15 GALLON
	CERCIS OCCIDENTALIS/WESTERN REDBUD	15 GALLON
	KOELREUTERIA PANICULATA/GOLDENRAIN TREE	15 GALLON
	PISTACIA CHINENSIS/CHINESE PISTACHE	15 GALLON
	QUERCUS LOBATA/VALLEY OAK	15 GALLON
	QUERCUS WISLIZENII/INTERIOR LIVE OAK	15 GALLON
	SHRUB & GROUNDCOVER AREA:	
	ARCTOSTAPHYLOS D. "HOWARD McMINN"/MANZANITA	5 GALLON
	CISTUS X. SKANBERGII/PINK ROCKROSE	5 GALLON
	CISTUS SALVIIFOLIUS/SAGELEAF ROCKROSE	5 GALLON
	CEANOTHUS M. 'VALLEY VIOLET'/CALIFORNIA LILAC	1 GALLON
	COTONEASTER D. "LOWFAST"/PROSTRATE COTONEASTER	1 GALLON
	ERIOGONUM FASICULATUM/CALIFORNIA BUCKWHEAT	1 GALLON
	JUNIPERUS C. "SAN JOSE"/SAN JOSE JUNIPER	1 GALLON
	LAVANDULA A. "MUNSTEAD"/DWF. LAVENDER	5 GALLON
	MAHONIA AQUIFOLIUM/OREGON GRAPE	5 GALLON
	MAHONIA REPENS/CREEPING OREGON GRAPE	1 GALLON
	MISCANTHUS SINENSIS 'ADAGIO'/DWF. SILVER GRASS	5 GALLON
	MUHLENBERGIA RIGENS/DEER GRASS	1 GALLON
	NANDINA DOMESTICA 'GULF STREAM'/DWF. HEAVENLY BAMBOO	5 GALLON
	NEPETA X. FAASSENII/CATMINT	1 GALLON
	PENSTEMON HETEROPHYLLUS 'MARGARITA B.O.P.'/BEARD TONGUE	1 GALLON
	RHAMNUS CALIFORNICA "MOUND SAN BRUNO"/COFFEEBERRY	5 GALLON
	ROSA BANKSIAE "LUTEA"/LADY BANKS ROSE	5 GALLON
	ROSMARINUS O. "HUNTINGTON CARPET/PROSTRATE ROSEMARY	1 GALLON
	SALVIA MICROPHYLLA 'HOT LIPS'/AUTUMN SAGE	5 GALLON
	CAREX DIVULSA/EURASIAN GRAY SEDGE (BIOSWALES)	LINER

PARKING LOT SHADE CALCULATIONS:

TREE TYPE	AREA/ FULL	QUANTITY FULL	3/4	1/2	1/4	SUBTOTAL	TOTAL
20' DIA. TREES							
CERCIS OCCIDENTALIS	314 S.F.	0	0	5	0	785 S.F.	
						20' TOTAL:	785 S.F.
35' DIA. TREES							
CEDRUS DEODARA	962 S.F.	1	1	9	0	6013 S.F.	
PISTACHIA CHINENSIS	962 S.F.	15	2	2	0	16835 S.F.	
QUERCUS LOBATA	962 S.F.	1	1	7	0	5051 S.F.	
QUERCUS WISLIZENII	962 S.F.	0	1	8	1	4810 S.F.	
						35' TOTAL:	32708 S.F.
					PARKING AREA:		66252 S.F.
					SHADE REQUIRED:	50%	33126 S.F.
					SHADE PROVIDED:	51%	33493 S.F.

The Portico @ Carson Crossing

Carson Crossing Drive
El Dorado Hills, California

Garth Ruffner Landscape Architect (916) 797-2578

PERKINS, WILLIAMS & COTTERILL
A·R·C·H·I·T·E·C·T·S
3320 DATA DRIVE, SUITE 200, RANCHO CORDOVA, CA 95670
916-851-1400 FAX 916-851-1408
pwcarch@pwcarchitects.com

Preliminary Landscape Plan

Project: THE PORTICO

Job No. 17310 (36102) *Date:* 5-26-17

Scale: 1"=40'-0"

LA

ADM 17-0043