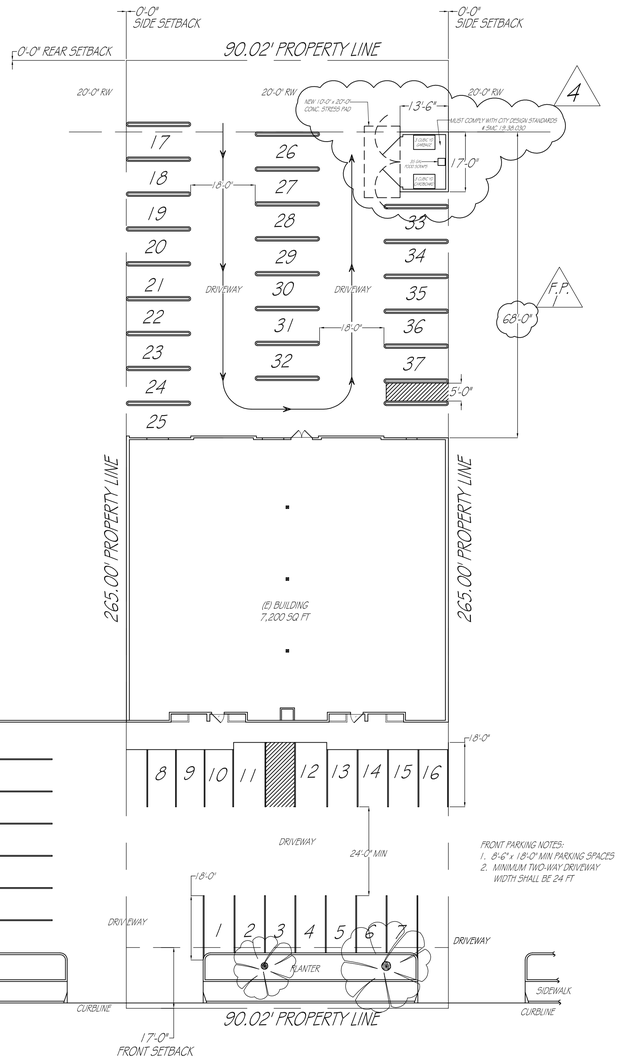
GENERAL NOTES

A. CONSTRUCTION TYPE: VB
B. OCCUPANCY CATEGORY: A-3
C. HERS VERFICATION IS REQUIRED IF THE DUCT EXTENSION IS 40FT OR MORE.
D. BUILDING DOES HAVE SPRINKERS.

REAR PARKING NOTES:
1. 8'-6" x 18'-0" MIN PARKING SPACES
2. ~~MINIMUM ONE-WAY DRIVEWAY WIDTH SHALL BE 12 FT~~
3. REAR PARKING LOT TO BE REPAIRED & RE-STRIPPED.
4. THE TRASH ENCLOSURE SHALL BE REPAIRED & REPAINTED.

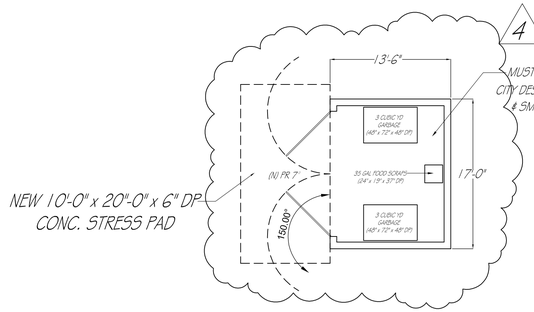


EL CAMINO REAL

0' 20' 40' 60'

SITE PLAN

1" = 20'-0"



NEW 10'-0" x 20'-0" x 6" DP CONC. STRESS PAD

EXISTING TRASH ENCLOSURE

1/8" = 1'-0"

0' 5' 10' 20'

EXISTING FLOOR PLAN

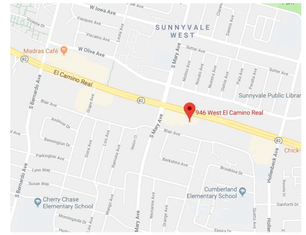
1/8" = 1'-0"

FOR COMPLIANCE WITH
2016 CALIFORNIACODE OF REGULATIONS:
2016 CALIFORNIA BUILDING CODE
2016 CALIFORNIA PLUMBING CODE
2016 CALIFORNIA MECHANICAL CODE
2016 CALIFORNIA FIRE CODE
2016 CALIFORNIA ELECTRICAL CODE
2016 CALIFORNIA ENERGY CODE
2016 CALIFORNIA GREEN BUILDING CODE

PROPERTY DESCRIPTION

OWNER	GEORGE ROLLA
ADDRESS	942 W. EL CAMINO REAL SUNNYVALE, CA 94087 408-464-3787
ZONING	C-2-ECR
PARCEL	201-19-028
ACREAGE	.547 ACRE
PROJECT DESCRIPTION	TENANT IMPROVEMENT - BILLIARDS HALL

VICINITY MAP



CONSULTANT DIRECTORY

SURVEYOR	N/A
SOILS ENGINEER	N/A
STRUCTURAL ENGINEER	N/A
ENERGY CONSULTANT	N/A

ARCHITECTURAL SHEETS

A-1.0	SITE / EXISTING PLAN
A-1.1	CIRCULATION PLAN
A-1.2	LIGHTING PLAN
A-1.2a	LIGHTING PLAN
A-2	PROPOSED FLOOR PLAN
A-3	PROPOSED ELECTRICAL PLAN
A-4	EXTERIOR ELEVATION PLAN
A-5	FRONT ELEVATION RENDERING
A-6	REAR ELEVATION RENDERING

COVERAGE & F.A.R.

SITE PLAN	23,855.00 SQ. FT. = .547 ACRES
EXISTING COVERAGE	7,200.00 SQ. FT. = 29.7 %
PROPOSED COVERAGE	7,200.00 SQ. FT. = 29.7 %
EXISTING	7,094.00 SQ. FT. = 29.7 %
PROPOSED	7,094.00 SQ. FT. = 29.7 %

LEGEND

	EXISTING TO REMAIN
	EXISTING WALLS, CASEWORK, FIXTURES, ETC., TO BE REMOVED
(E)	EXISTING TO REMAIN
(R)	EXISTING TO BE REMOVED
R	EXISTING TO BE RELOCATED

REVISION	BY
12 - 02 - 18 PLAN CHECK COMMENTS	
04 - 05 - 19 PLAN CHECK COMMENTS	

DRAWN BY:
RICK REYNOLDS
BOULDER CREEK, CA 95006
408.320.3616
EMAIL:PRECISIONFITDESIGNS@YAHOO.COM

SITE / EXISTING PLAN
201-19-028
946 BILLIARDS
APN: 201-19-35
942-946 W. EL CAMINO REAL SUNNYVALE, CA 94087

NOTE *

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DATE	10/02/18
SCALE	1/8"=1'-0"
SHEET	A-1.0
SHEET SIZE	24 x 36

CIRCULATION PLAN

N.T.S.

REVISION	BY
12-02-18 PLAN CHECK COMMENTS	

DRAWN BY:
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CIRCULATION PLAN
201-19-028
946 BILLIARDS
APN: 201-19-35
942-946 W. EL CAMINO REAL, SUNNYVALE, CA 94087

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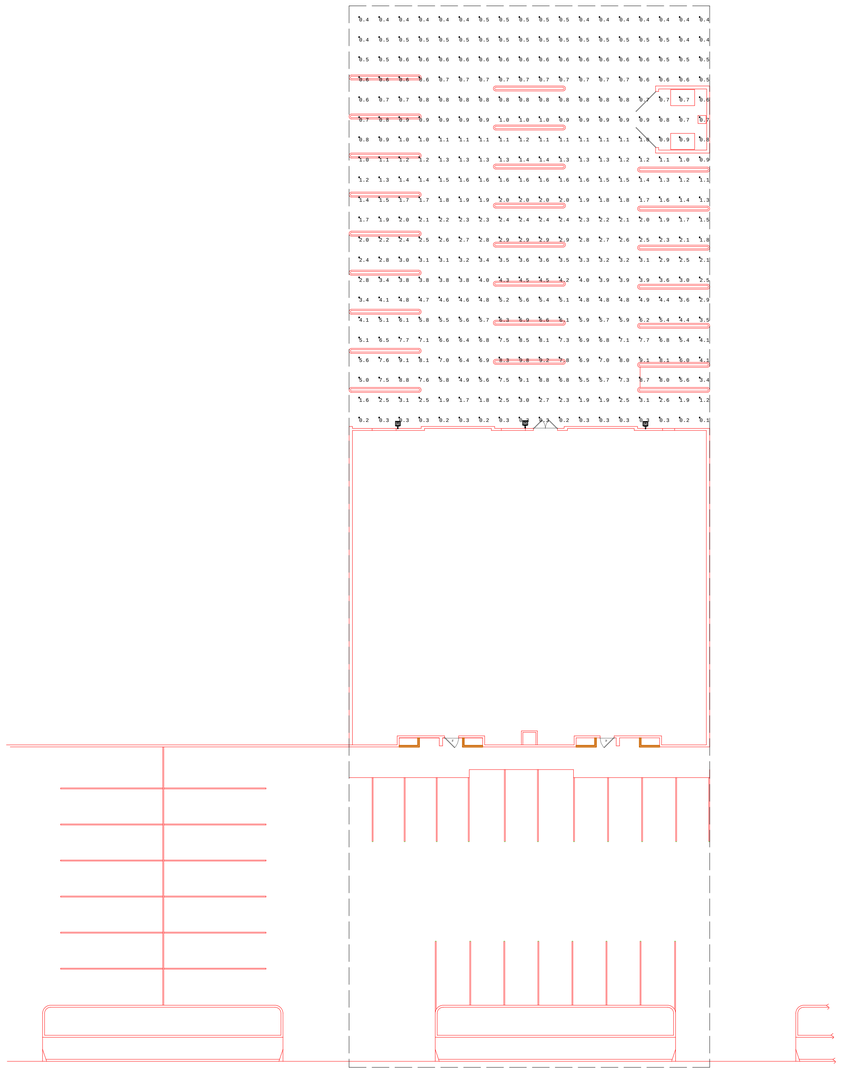
DATE	10/02/18
SCALE	N.T.S.
SHEET	A-1.1
SHEET SIZE	24 x 36

Luminaire Schedule						
Symbol	Qty	Model Number	Arrangement	Lumens	LLF	Description
	3	ALED4T150 - Cool - RAB02138MO	SINGLE	18464	1.000	150 Watt LED Wall Pack w/ 5000K Color Temp. and Forward Throw Optic (16' Mounting Height)

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Back Lot	Illuminance	Fc	2.59	9.8	0.1	25.90	98.00



WPLED4T150

Color: Bronze Weight: 34.8 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	150W
120V	1.31A	Color Temp	5000K (Cool)
208V	0.80A	Color Accuracy	71 CRI
240V	0.69A	L70 Lifespan	100,000
277V	0.60A	Lumens	18,464
Input Watts	155.8W	Efficacy	118.5 LPW

Technical Specifications

Listings

UL Listed:
Suitable for wet locations

DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P0000174K

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

LED Characteristics

Lifespan:
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:
Multi-chip, high-output, long-life LEDs

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:
LED color temperature is warrantied to shift no more than 200K in CCT over a 5-year period

Color Uniformity:
RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

IES Classification:
The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semi-circular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

IP Rating:
Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:
Suitable for use in 40°C (104°F)

Cold Weather Starting:
Minimum starting temperature is -40°C (-40°F)

Thermal Management:
Superior thermal management with external "Air-Flow" fins

Housing:
Die-cast aluminum housing, lens frame and mounting arm

Mounting:
Heavy-duty mounting arm with "O" ring seal & stainless steel screws

Reflector:
Specular vacuum-metallized polycarbonate

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

WPLED4T150

Technical Specifications (continued)

Other

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at www.rablighting.com/legal#warranty

Patents:
The design of WPLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical

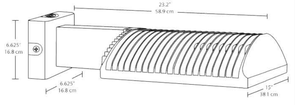
BUG Rating:
B1 U0 G3

Electrical

Driver:
One Driver, Constant Current, Class 2, 2100mA 100-277V, 50-60Hz, Power Factor 99%

THD:
4.7% at 120V, 13.3% at 277V

Dimensions



Features

- High performance LED light engine
- Maintains 70% of initial lumens at 100,000-hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- Replaces 400W MH
- 100 up to 277 Volts
- 5-year warranty

Ordering Matrix

Family	Optics	Wattage	Color Temp	Mounting	Finish	Driver Options	Photocell Options
WPLED	4T	150					
	4T = Type IV **3T** = Type III **2T** = Type II	**50** = 50W **78** = 78W **105** = 105W **125** = 125W **150** = 150W	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = Arm **FX** = No Arm	**Blank** = Bronze **W** = White	**Blank** = Standard **/480** = 480V **/BL** = Bi-Level **/D10** = 0-10V Dimming	**Blank** = Standard **/PC** = 120V Photocell **/PC2** = 277V Photocell **/PCT** = 120-277V Twistlock Photocell **/PCT4** = 480V Twistlock Photocell **/PCS** = 120V Swivel Photocell **/PCS2** = 277V Swivel Photocell **/PCS4** = 480V Swivel Photocell **/WS2** = Multi-Level Motion Sensor (20 ft. mt. ht.) **/WS4** = Multi-Level Motion Sensor (40 ft. mt. ht.)

LED SPOT

PROJECT: S. V. Billiards
LOCATION: Sunnyvale, CA 94087
CONTACT: Evan Estes
DATE: 3/11/19

A-1.2

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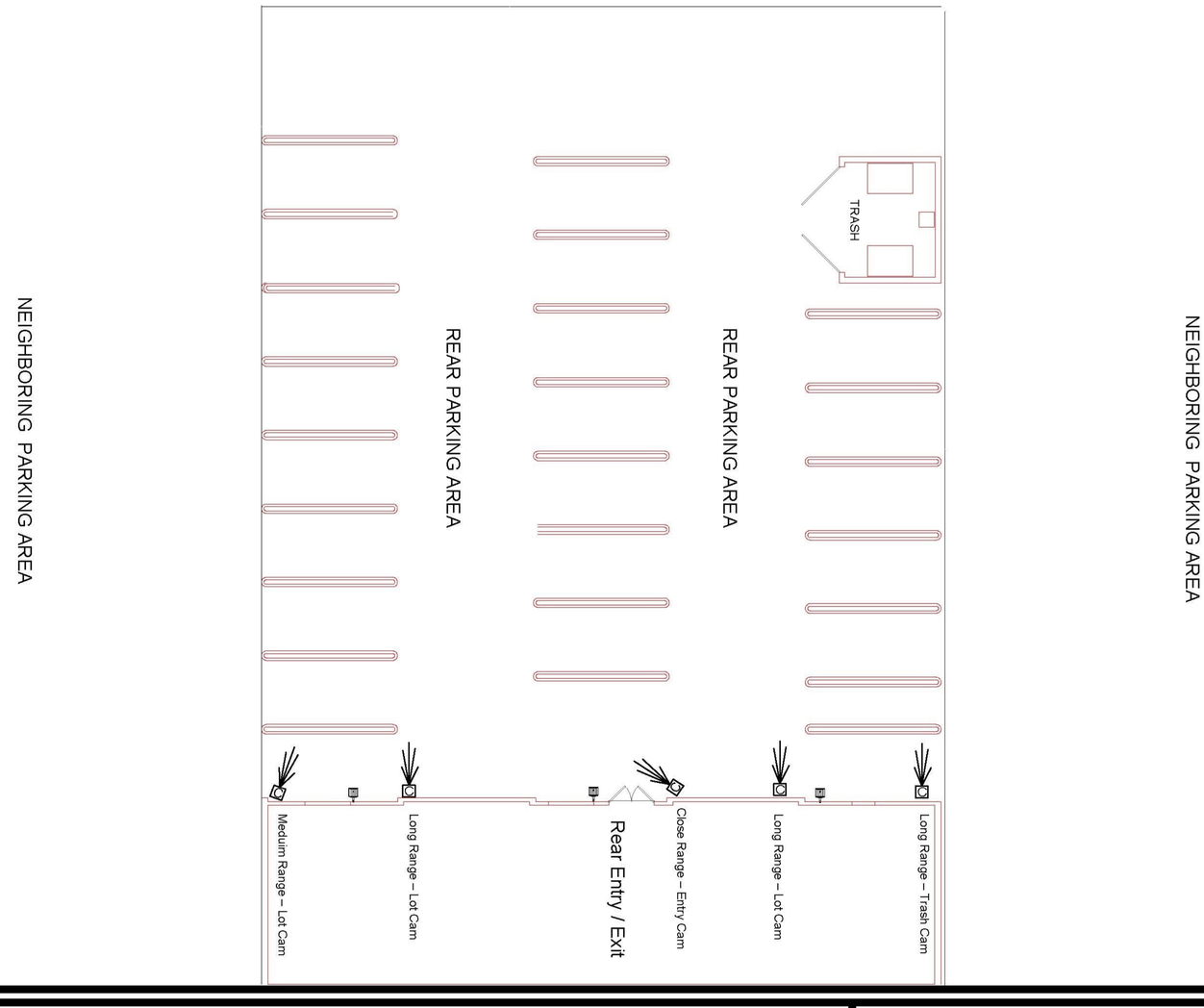
FOR PURCHASING INFORMATION OF APPROVED EQUIPMENT SPECIFIED ON THIS PLAN CONTACT:

Evan Estes
LED Spot
4912 BLOSSOM ST
Houston, TX 77007
Voice Number : 713-867-6817
Fax Number : 713-979-1429
Email Address : evan@ledspot.com

CCTV Camera System						
Symbol	Qty	TYPE LED LIGHTING FIXTURE				
	3					

CCTV System - Rear Parking						
	CAMERA SPEC	SYMBOL	QTY			
HIK VISION OUTDOOR DOME CAMERA	4 MP 2.8 MM Lens		4			



PROJECT: Billiards CCTV
LOCATION: 946 El Camino - Sunnyvale, CA 94087
CONTACT: Matt Taylor 408-691-6996 C.
DATE: 04/08/2019

Good Faith proposal for outdoor cameras in the rear parking area.
Actual Device model and specifications may vary slightly when contracting begins.

FOR PURCHASING INFORMATION OF APPROVED EQUIPMENT SPECIFIED ON THIS PLAN CONTACT:

Matt Taylor
TPS, Inc.
PO BOX 2096
Los Gatos, CA 95031-2096
O 408-354-8997
C 408-691-6996
Matt@taylorprotection.com

A-1.2a

EQUIPMENT LIST

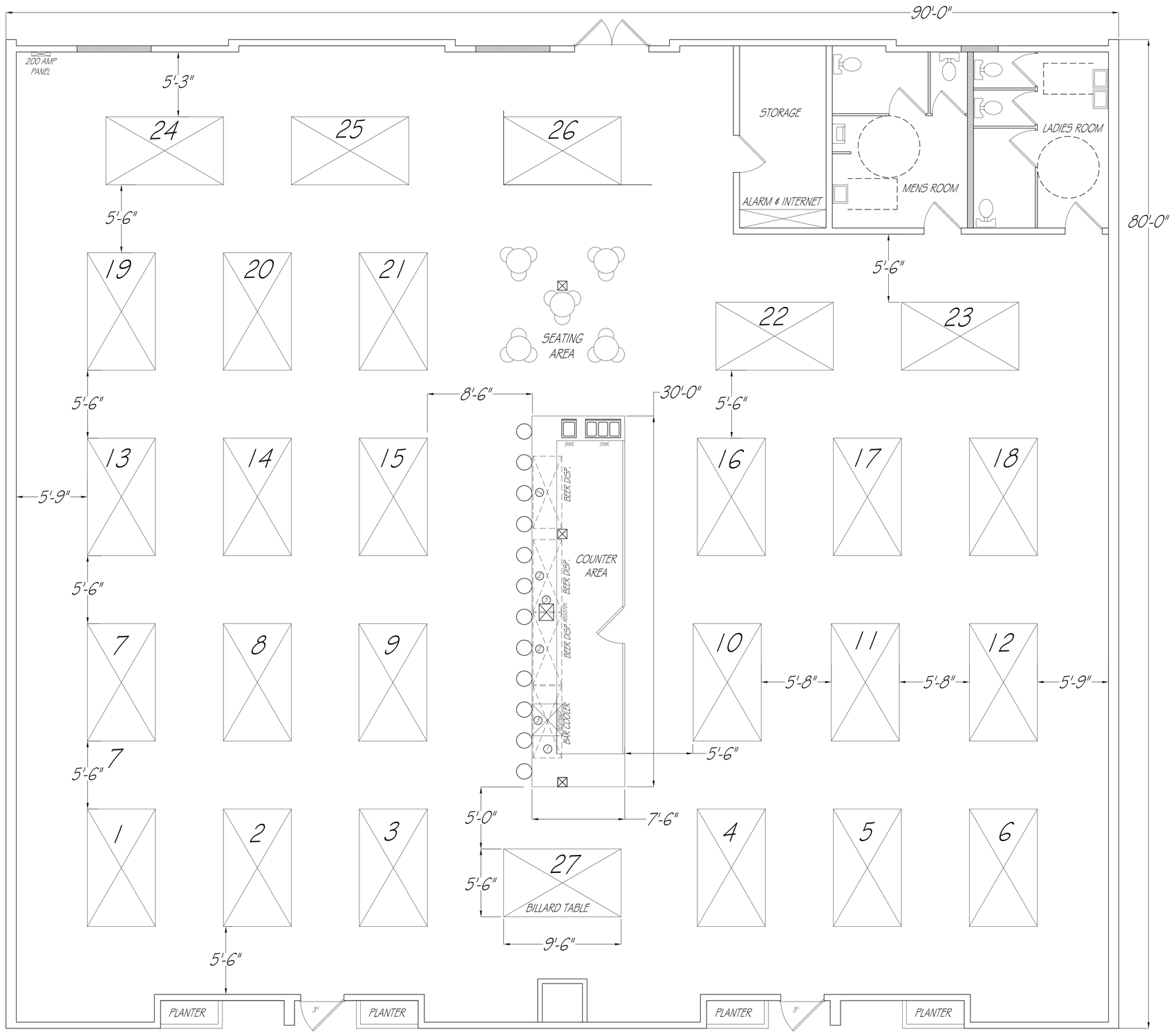
1. TRUE MFG - UNDERBAR REFRIGERATION
   MODCEL # TBB-3-H

2. TRUE MFG - UNDERBAR REFRIGERATION
   MODEL # TDD-HC

3. SERVEND - COUNTERTOP ICE/BEVERAGE DISPENSERS
   MODEL # MD-150

4. UNIVERSAL - 14" UNDERBAR SINK W/ FAUCAT
   SKU # BS1T14

5. SHARP - ELECTRONIC CASH REGISTER
   MODEL # XEA207 XE



LEGEND

	EXISTING WALLS TO REMAIN
	NEW WALLS
(E)	EXISTING
(N)	NEW
R	RELOCATED

PROPOSED FLOOR PLAN

1/4" = 1'-0"

REVISION	BY
12 - 02 - 18 PLAN CHECK COMMENTS	

DRAWN BY:
RICK REYNOLDS
BOULDER CREEK, CA 95006
408-320-3616
EMAIL:PRECISIONFITDESIGNS@YAHOO.COM

PROPOSED FLOOR PLAN

201-19-028

946 BILLIARDS
APN: 201-19-35
942-946 W. EL CAMINO REAL, SUNNYVALE, CA 94087

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DATE	10/02/18
SCALE	1/4"=1'-0"
SHEET	A-2
SHEET SIZE	24 x 36

LIGHTING REQUIREMENTS

A	GENERAL LIGHTING	ALL HARDWIRED LIGHTING (HALLWAYS, STAIRS, LIVING ROOM, & BEDROOMS) MUST BE HIGH EFFICACY (FLUORESCENT) OR, IF LOW EFFICACY, MUST BE CONTROLLED BY A MANUAL-ON, OCCUPANT SENSOR, SWITCH OR DIMMER SWITCH THAT CONTROLS WATTAGE.
B	KITCHEN LIGHTING	KITCHEN LIGHTING COMPLIANCE IS BASED ON WATTAGE OF FIXTURES. 50% OF INSTALLED WATTAGE MUST BE HIGH EFFICACY NOTE: WATTAGE OF LOW EFFICACY LIGHTING IS BASED ON RATING OF FIXTURE INSTALLED NOT WATTAGE OF BULB IN FIXTURE (FIXTURES MUST HAVE FACTORY INSTALLED WATTAGE RATING LABELS) NOTE: FOR HIGH EFFICACY LIGHTING TO COMPLY, FIXTURES USED MUST BE A PIN-BASED LIGHTING SYSTEM, NOT A SCREW BASED LIGHTING SYSTEM.
C	BATHROOM	ALL HARDWIRED LIGHTING MUST BE HIGH EFFICACY (FLUORESCENT) OR, IF LOW EFFICACY, MUST BE CONTROLLED BY A MANUAL-ON OCCUPANT SENSOR SWITCH
D	LAUNDRY & LIGHTING	LUMINAIRES WILL BE HIGH EFFICACY & CONTROLLED BY AN OCCUPANCY SENSOR.

LEGEND

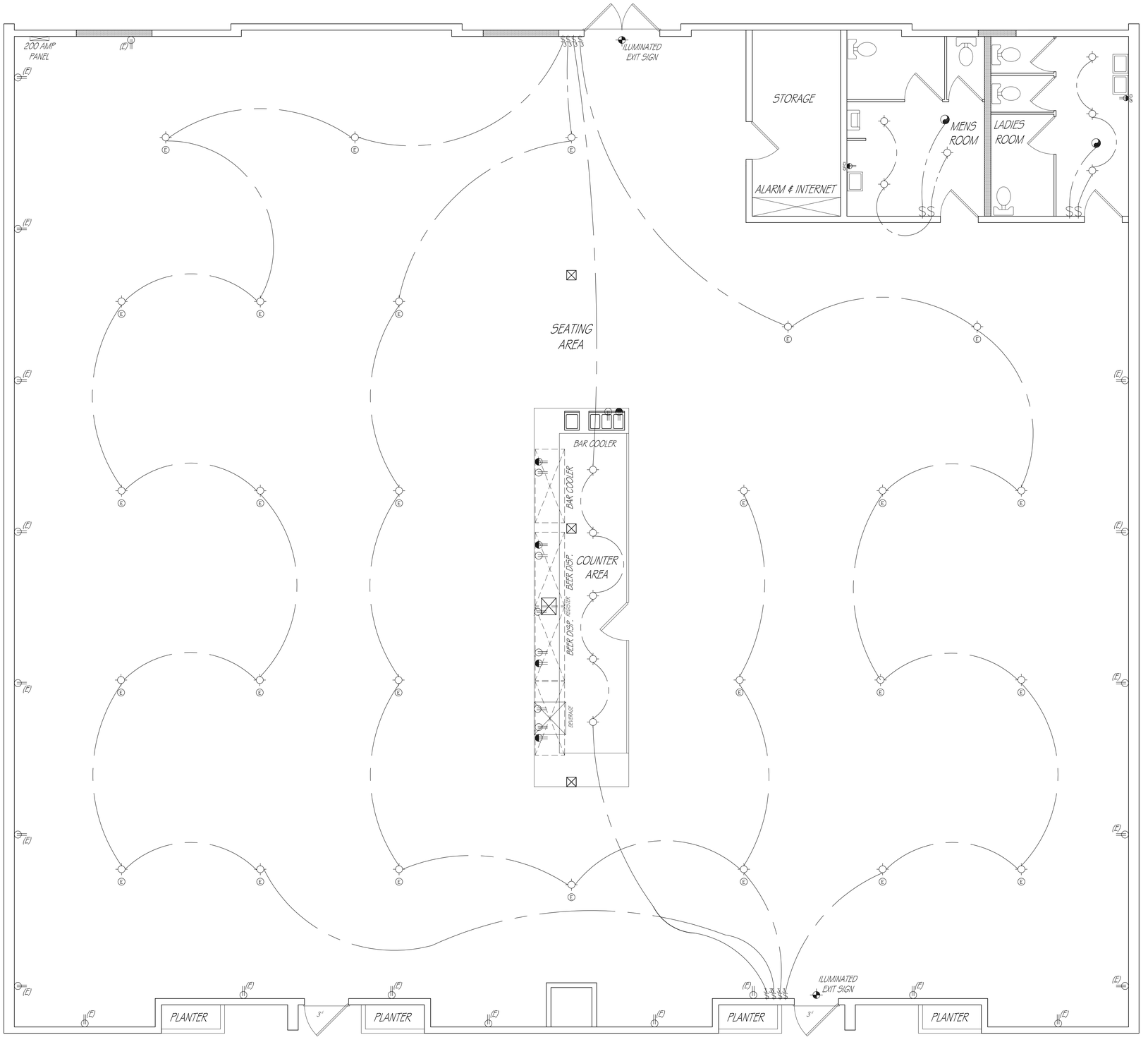
	110 V. ELEC. DUPLEX OUTLET (WALL)		FLUORESCENT/LED WALL FIXTURE		SWITCH
	110 V. ELEC. DUPLEX OUTLET (WALL) +36"		OVERHEAD FIXTURE	3	3-WAY SWITCH
	110 V. ELEC. DUPLEX OUTLET (WALL) +44"	E	EXISTING FIXTURE		DIMMER SWITCH
	110 V. ELEC. DUPLEX OUTLET (WALL) +48"		OVERHEAD FLUORES./ LED FIXTURE		AC/DC SMOKE ALARM
	110 V. ELEC. DUPLEX OUTLET (1/2 HOT)		FLUORESCENT/ LED CAN LIGHT AT IC RATED		CO. / SMOKE ALARM COMBO
QUAD	110 V. ELEC. QUAD OUTLET (WALL)		FLUORESCENTLED MINI CAN LIGHT AT IC RATED	E	ETHERNET
GFCI	GROUND FAULT INTERRUPTER		SEALDRED CAN LIGHT, AT IC RATED	S	SPEAKER OUTLET
WP	WATER PROOF G.F.C.I. DUPLEX OUTLET		TO GYM FAN	T	TELEVISION / CABLE
	220 V. ELEC. OUTLET		FAN LIGHT COMBO	I	INTERCOM
E	EXISTING OUTLET		FLUORESCENT FIXTURE		TELEPHONE
					FUEL GAS

NOTES:

NUMBERS THAT APPEAR NEXT TO LIGHTING SYMBOLS INDICATE WATTAGE OF PARTICULAR FIXTURE

ALL NEW OUTLETS TO BE TAMPER RESISTANT PER CRC 406.1.1 U.N.O.

✳ TO BE INTERCONNECTED



LEGEND

	EXISTING WALLS TO REMAIN
	NEW WALLS
(E)	EXISTING
(N)	NEW
R	RELOCATED

PROPOSED POWER & LIGHTING PLAN

1/4" = 1'-0"

REVISION	BY
12-02-18 PLAN CHECK COMMENTS	

DRAWN BY:
RICK REYNOLDS
BOULDER CREEK, CA 95006
408-320-3616
EMAIL:PRECISIONFITDESIGNS@YAHOO.COM

PROPOSED ELECTRICAL PLAN
201-19-028

946 BILLIARDS
APN: 201-19-35
942-948 W. EL CAMINO REAL, SUNNYVALE, CA 94087

NOTE *

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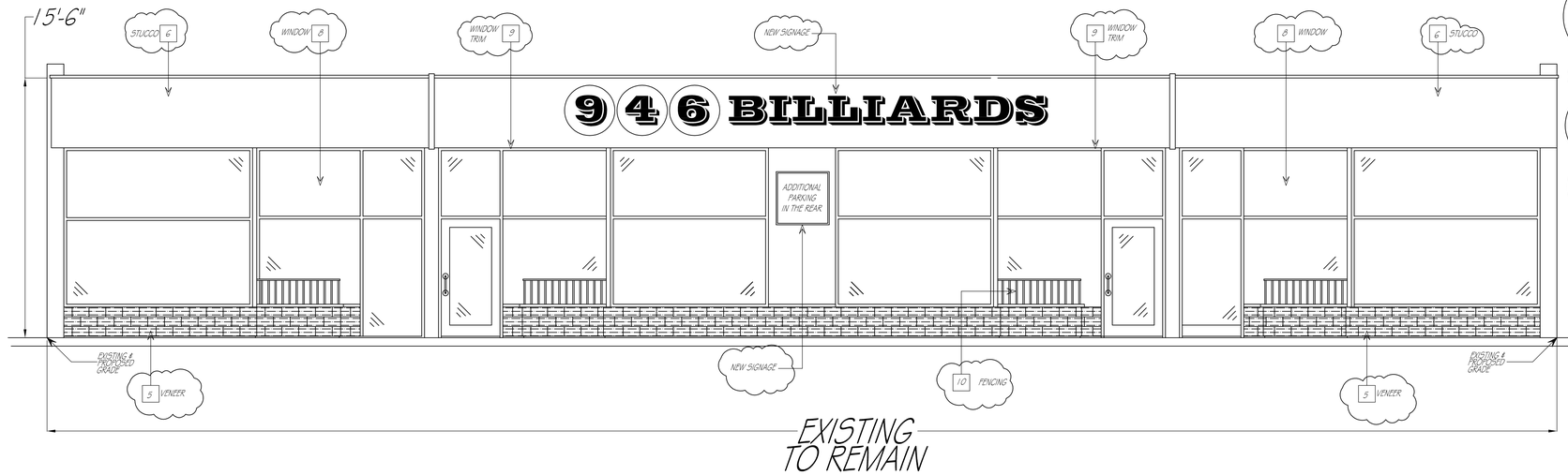
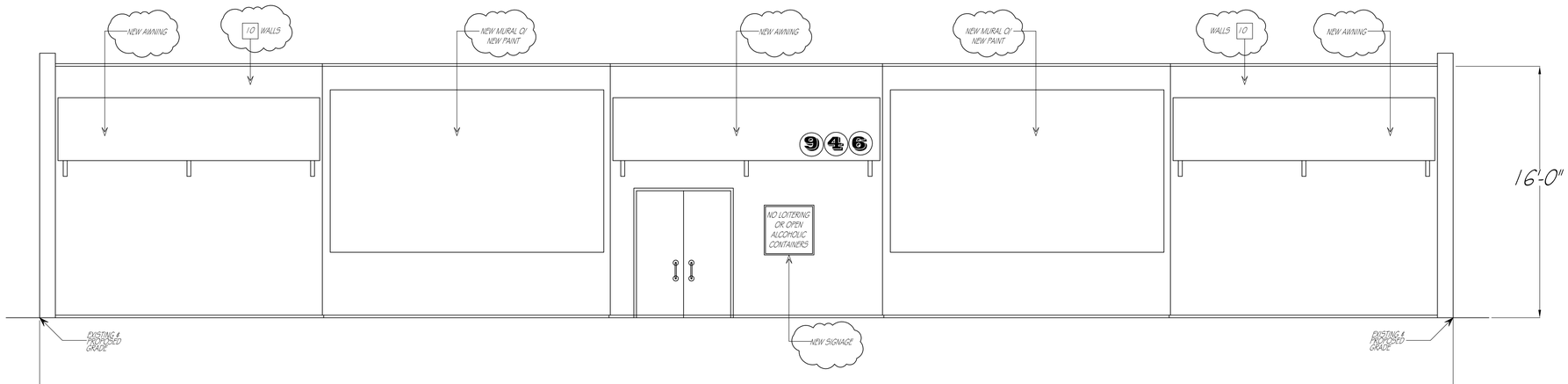
DATE	10/02/18
SCALE	1/4"=1'-0"
SHEET	A-3
SHEET SIZE	24 x 36



FRONT ELEVATION

1/4" = 1'-0"



REAR ELEVATION

1/4" = 1'-0"

EXTERIOR MATERIAL NOTES

1	ROOFING	EXISTING TO REMAIN
2	GUTTER	
3	DOWNSPOUTS	
4	SIDING	N/A
5	VENEER	NEW TILE VENEER OVER EXISTING BRICK
6	STUCCO	EXISTING TO REMAIN
7	TRIM	N/A
8	WINDOW	EXISTING TEMPERED GLASS
9	WINDOW TRIM	ALUMINUM CLAD TRIM
10	FENCING	NEW IRON ROD FENCING AROUND PLANTERS
10	WALLS	EXISTING CONCRETE WALL

REVISIONS

REVISION	BY
A 04-05-19 PLAN CHECK COMMENTS	

DRAWN BY:
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ELEVATION PLAN
201-19-028
946 BILLIARDS
APN: 201-19-35
942-948 W. EL CAMINO REAL, SUNNYVALE, CA 94087

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DATE	01/15/19
SCALE	1/4"=1'-0"
SHEET	A-4
SHEET SIZE	24 x 36

CIRCULATION PLAN

N.T.S.

REVISION	BY
1-2-02-18 PLAN CHECK COMMENTS	

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FRONT ELEVATION RENDERING

201-19-028

946 BILLIARDS

APN: 201-19-35

942-948 W. EL CAMINO REAL, SUNNYVALE, CA 94087

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DATE	04/05/19
SCALE	N.T.S.
SHEET	A-5
SHEET SIZE	24 x 36

CIRCULATION PLAN

N.T.S.

REVISION	BY
12-02-18 PLAN CHECK COMMENTS	

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EMAIL:PRECISIONFITDESIGNS@YAHOO.COM

REAR ELEVATION RENDERING

201-19-028

946 BILLIARDS

APN: 201-19-35

942-946 W. EL CAMINO REAL, SUNNYVALE, CA 94087

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DATE	04/05/19
SCALE	N.T.S.
SHEET	A-6
SHEET SIZE	24 x 36