Print Form

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

County Clerk
County of: Los Angeles
12400 Imperial Highway
Norwalk, CA 90650

From: (Public Agency): California Air Resources Board
1001 I Street, Sacramento, CA 95814
(Address)

Project Title: Zero-Emission Beverage Handling and Distribution at Scale

Project Applicant: Anheuser-Busch

Project Location - Specific:
2800 S Reservoir St, Pomona, CA 91766

Project Location - City: Pomona Project Location - County: Los Angeles

Description of Nature, Purpose and Beneficiaries of Project:
Anheuser-Busch is proposing to install electrical infrastructure for EV chargers to facilitate the operation of battery electric Class 8 trucks at this facility. See attachment for details.

Name of Public Agency Approving Project: CARB (lead agency; source of incentive funding)

Name of Person or Agency Carrying Out Project: Anheuser-Busch

Exempt Status: **(check one):**

- ☐ Ministerial (Sec. 21080(b)(1); 15268);
- ☐ Declared Emergency (Sec. 21080(b)(3); 15269(a));
- ☐ Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- ☒ Categorical Exemption. State type and section number: Section 15301 and others. See attachment
- ☐ Statutory Exemptions. State code number: _____

Reasons why project is exempt:
All work will be conducted at an existing facility. There will not be any expansion of the facility, and the project will not result in a physical change in the environment other than to very small previously-disturbed areas. See attachment.

Lead Agency
Contact Person: Rebecca Fancher, CARB Area Code/Telephone/Extension: (916) 324-1550

If filed by applicant:
1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? ☐ Yes ☐ No

Signature: Rebecca Fancher Date: 11/4/2020 Title: Staff Air Pollution Specialist

☐ Signed by Lead Agency ☐ Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: _____

CEQA Notice of Exemption (NOE) Attachment: Pomona Site

Description of Nature, Purpose, and Beneficiaries of Project:

The objective of the project is to deploy BYD zero-emission Class 8 trucks in the Los Angeles area to reduce greenhouse gas and criteria pollutant emissions at Anheuser-Busch freight facilities and to help provide economic, environmental, and public health benefits to disadvantaged communities. The vehicle deployment is coupled with installation of supporting charging infrastructure. For this project, Anheuser-Busch had originally planned four facilities to participate in the deployment; however, one of the facilities has since been closed and only three of them will be active in the final stages of the project. The four chargers and trucks originally planned to operate at the closed facility in Riverside, CA will be relocated to and installed at an Anheuser-Busch location in Pomona.

The charging infrastructure construction will consist of installing four 40 kW BYD AC chargers in addition to the 4 previously installed at the facility, the addition of a new electrical service and a 3200 A switchboard on the exterior of the existing building, and running power through the existing building to the main service feed (Figure 1). All outdoor construction activities will be limited to the Zone of Work (Figure 2). All equipment staging will be accommodated indoors.

All construction actives shall be conducted under the guidance of a licensed supervising engineer tasked with ensuring compliance with all environmental laws, and regulations.

The land on which the project will take place is currently fully developed as an industrial warehouse and distribution center, zoned Industrial by the City of Pomona and County of Los Angeles (Figure 3). The project will not disturb any previously undeveloped land or pervious surface.

Reasons why project is exempt:

This project is exempt from CEQA under CEQA Guidelines § 15061(b)(3), 15301, 15303, 15304, and 15306. All work will be conducted at an existing facility. There will not be any expansion of the facility, and the project will not result in a physical change in the environment. Asphalt and concrete patch will be provided where existing hardscape was removed or damaged during construction. Existing electrical Infrastructure will be used wherever possible. The charger infrastructure will tie into the existing main service panels at the site. Any new electrical runs will be limited in scope and will be within the existing facility footprint.

There are no special circumstances, such as proximity to scenic or historical resources, that would trigger any special exceptions to the exemptions.

Figure 1: EV Charging Stations - Single line diagram

LOAD CALCULATIONS PROPOSED ADDITION TO EXISTING SERVICE					
ANHEUSER BUSH					
2800 S. RESERVOIR STREET					
POMONA, CA 91766					
Monday, September 21, 2020					
Peak Demand 12 Months to 8/2020			454000 WATTS		534118 VA
Peak Demand x 25%					133529 VA
EV CHARGING STATIONS					
EV CHARGERS RATED 48 AMP	4	40000 VA	160000 VA		
TOTAL	4	TOTAL	160000 VA	=	160000 VA
TOTAL ELECTRICAL LOAD				=	827647 VA
NET LOAD AT 480/277 V 3 PHASE 4 WIRE				=	996 AMPS
996 AMPS + 25% LCL				=	1008 AMPS
Existing Switchboard Rated 480/277V 3 PHASE 4 WIRE				=	1600 AMPS

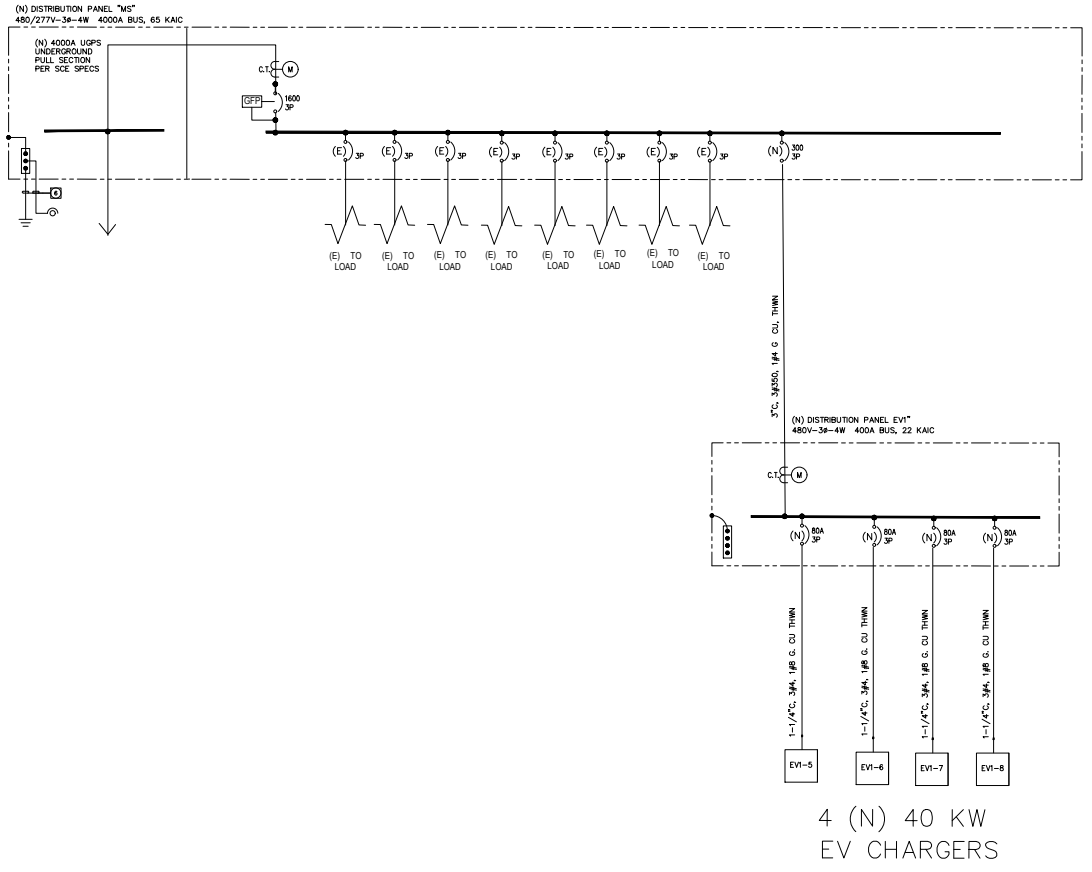
Client to replace existing switchboard with 3200 Amp switchboard

Note that SCE has 500 kW maximum demand so that client will have to monitor to control penalties.

PANEL: EV1				MAIN :		300 A			LOCATION:				PARKING LOT						
VOLTAGE:	480Y/277V			BUSSING:		400 A			MOUNTING:				STRUCTURE						
PHASE:	3			FEEDERS:					FEED:				MS						
WIRE:	4			CONDUIT:															
DESCRIPTION	CNT	WIRE SIZE	WATTS A	B	C	BRKR AMP	P	CKT #	CKT #	P	BRKR AMP	WATTS A	B	C	WIRE SIZE	CNT	DESCRIPTION		
EV1 - 5			13333			80	3	1	2	3	80	13333					EV1 - 6		
				13333				3	4				13333						
					13333			5	6					13333					
EV1 - 7			13333			80	3	7	8	3	80	13333					EV1 - 8		
				13333				9	10				13333						
					13333			11	12					13333					
Subtotal			26666	26666	26666							26666	26666	26666					
Total Load	159996					Total A Phase			53332										
25% cont. load	39999																		
25% largest motor						Total B Phase			53332										
Total Demand	199995																		
Total Capacity	249300					Total C Phase			53332										
						Total Current			241										

NOTES:

1. EXISTING SWITCHBOARD TO BE REPLACED WITH 3200 AMP SWITCHBOARD FOR FUTURE EXPANSION.
2. MAIN BREAKER TO BE RATED 1600 AMP UNTIL UTILITY TRANSFORMER IS REPLACED.
3. ENGINEER TO COORDINATE WITH CLIENT FOR SIZE OF FEEDERS REQUIRED.
4. .CONFIRM GROUNDING SYSTEM OF EXISTING SERVICE IS BONDED TO EXISTING BUILDING ELECTRODE IN COMPLIANCE WITH CODE. VERIFY THAT COLD WATER PIPE AND UFER IF EXISTENT ARE A PART OF THE BUILDING ELECTRODE.



SINGLE DIAGRAM

AC Voltage Drop Calculations															
FEEDER	Length one way (L)	Current (I)	K= CU-12.9 AL=21.2	1Ø or 3Ø	CU OR AL	Wire Size	# OF SETS	CM	AMPACITY @ 90° C	30° C TEMP CORR	# COND CORRECT	CORRECTED AMPACITY	Vd= 1.73 KxLxI/CM	Voltage	%Vd
SWBD TO PANEL EV1	122	300	12.9	3	CU	**#350**	1	350000	350	1	1	350	2.3337	480	0.486%
PANEL EV1 TO EV1-8	122	48	12.9	3	CU	**#4**	1	41740	95	1	1	95	3.1310	480	0.652%

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SUTTON ENTERPRISES
Electrical Engineering & Design & Review

REGISTERED PROFESSIONAL ENGINEER
RAFE SUTTON, III
No. E 15831
EXP. 12/31/20
ELECTRICAL
STATE OF CALIFORNIA

SINGLE LINE DIAGRAM, LOAD CALCULATIONS, AND PANEL SCHEDULES

ANHEUSER BUSCH
2800 S. RESERVOIR STREET
POMONA, CA 91766

EV CHARGING STATIONS
2800 S. RESERVOIR STREET
POMONA, CA 91766

Date	09-21-20
Scale	AS NOTED
Drawn	CS
Job	2020-26
Sheet	E-2

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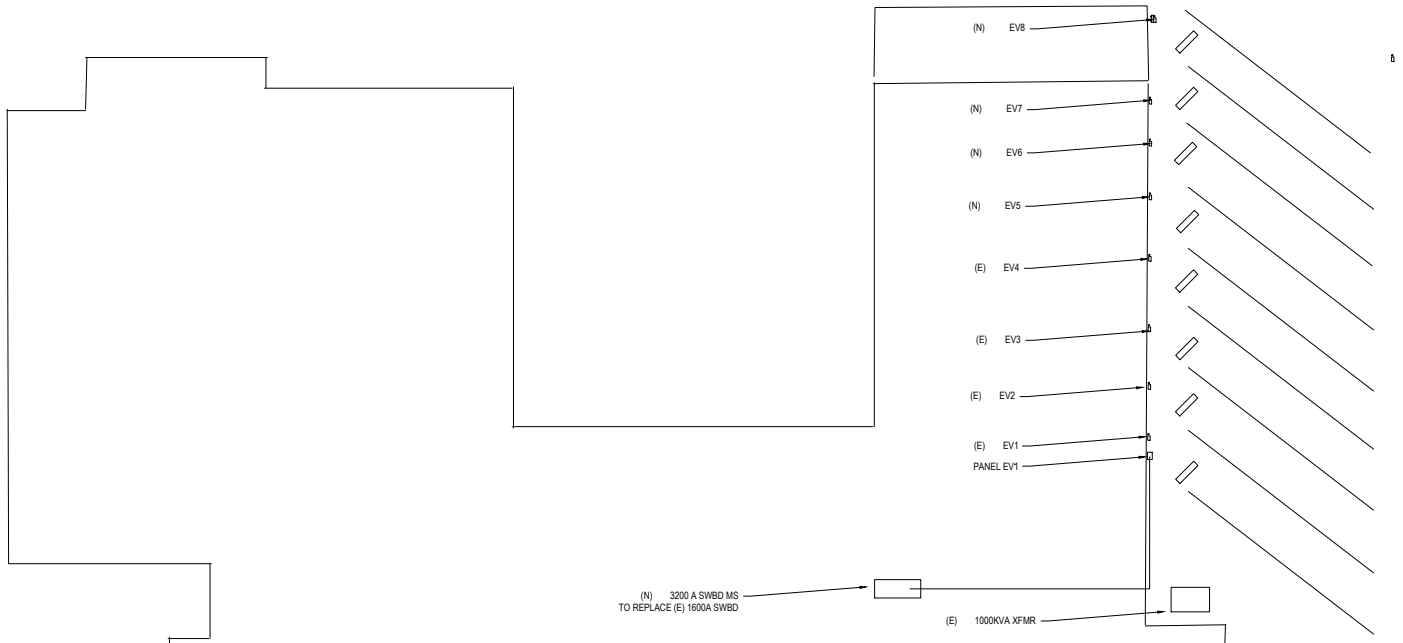
Figure 2: Zone of Work – East Parking Lot



PARTIAL POWER PLAN WITH EAST PARKING LOT
SCALE: 1/16" = 1' – 0"

REVISIONS	BY

SUTTON ENTERPRISES
Electrical Engineering Design & Review
Charles Sutton, P.E.
Electrical Engineering
Photovoltaic Engineering
Electrical Engineering

REGISTERED PROFESSIONAL ENGINEER
CHARLES SUTTON III
No. E 15871
EXP. 12/31/20
ELECTRICAL
STATE OF CALIFORNIA

POWER PLAN WITH EAST PARKING LOT

OWNER:
ANHEUSER BUSCH
2800 S. RESERVOIR STREET
POMONA, CA 91766

PROJECT:
EV CHARGING STATIONS
2800 S. RESERVOIR STREET
POMONA, CA 91766

Date 09-21-20
Scale AS NOTED
Drawn CS
Job 2020-26
Sheet
E-3

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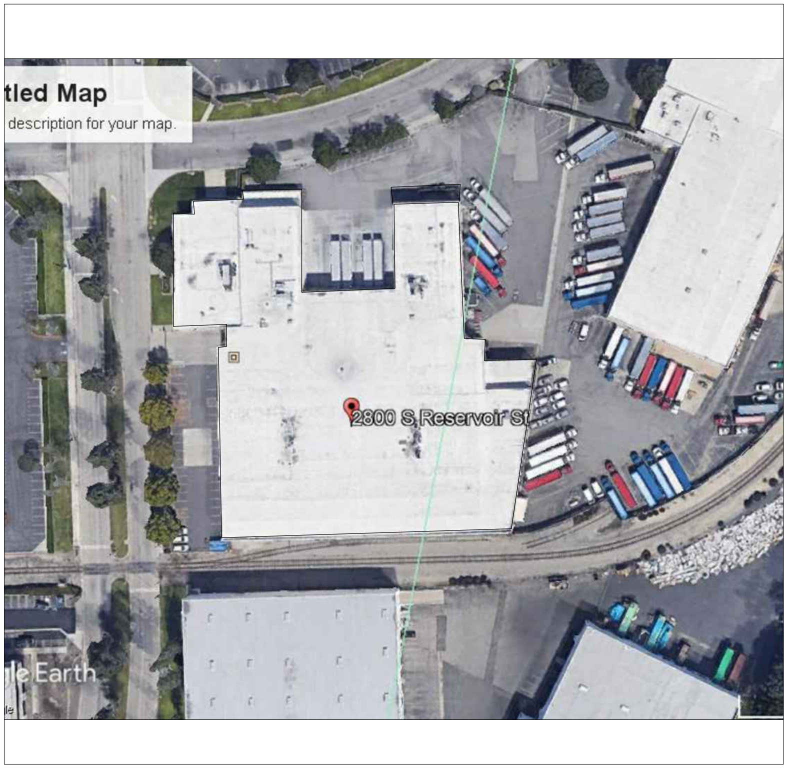
Figure 3: Plot Plan



PLOT PLAN
SCALE: 1/64" = 1' – 0"

GENERAL NOTES

1. THE ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, FEDERAL COMMUNICATION COMMISSION (FCC), STATE FIRE MARSHALL REGULATIONS, AND ALL OTHER ORDINANCES HAVING JURISDICTION ALBEIT NOT SHOWN ON DRAWINGS OR SHOWN OTHERWISE.
2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTION REQUIREMENTS.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR A COMPLETE AND PROPERLY–OPERATING SYSTEM, ENERGIZED THROUGHOUT AND AS INDICATED ON THE DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE REQUIRED.
4. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, EXCEPT AS NOTED, AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT. MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATORY AND SHALL BEAR THE INSPECTION LABEL UL WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH THE APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY, AND ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS.
5. ALL ABOVE GROUND OUTDOOR WIRING SHALL BE IN RIGID STEEL CONDUIT. ALL INTERIOR WIRING SHALL BE IN E.M.T. CONDUIT WHERE NOT SUBJECT TO MECHANICAL DAMAGE. EMT IS NOT PERMITTED FOR DAMP OR WET LOCATIONS, UNLESS A CORROSION RESISTANT PAINT IS APPLIED. FLEXIBLE CONDUIT SHALL BE USED WHERE THE STRUCTURAL CONDITIONS MAKE THE USE OF E.M.T. IMPRACTICAL, AND FOR SHORT CONNECTIONS TO LIGHTING FIXTURES AND OTHER VIBRATING EQUIPMENT. USE NEOPRENE JACKETED FLEXIBLE CONDUIT AND FITTINGS WHERE EXPOSED TO WEATHER. UNDERGROUND CONDUIT TO BE SCHEDULE 80 PVC.
6. ALL CONDUCTORS SHALL BE COPPER AND RATED 600 VOLTS. SIZES NO. 8 AWG AND LARGER SHALL BE STRANDED AND NO. 10 AND SMALLER SHALL BE SOLID. USE TYPE THNN/THWN/THW.
7. OUTLET BOXES SHALL BE GALVANIZED PRESSED STEEL, MINIMUM "4" SQUARE WITH COVER PLATE OR WITH PROPER RAISED PLASTER RING AND COVER. BOXES SHALL BE SUPPORTED INDEPENDENTLY OF CONDUIT. EXTERIOR OUTLETS SHALL HAVE CAST BOXES WITH THREADED HUBS, GASKETED COVER PLATES, AND PROPER DEVICE.
8. ALL CONDUIT PENETRATIONS THROUGH FIRE–RATED FLOOR SLABS, SHAFTS AND WALLS SHALL BE SEALED AGAINST THE SPREAD OF FIRE OR SMOKE WITH APPROVED CABLE–&–CONDUIT FIRE STOPS OR FIRE–RESISTANT SEALANT TO GIVE THE EQUIVALENT FIRE RATING BEFORE THE PENETRATION. THE FOLLOWING MATERIALS OR SYSTEMS ARE HEREBY APPROVED:
   A. OZ/GEDNEY "FIRE SEAL."
   B. THOMAS & BETTS "FLAME–SAFE" FIRESTOP SYSTEMS.
   C. 3M ELECTRO–PRODUCTS "FIRE BARRIER 303 PUTTY" OR "CP25 CAULK."
9. ALL SURFACE–MOUNTED ELECTRICAL EQUIPMENT AND DEVICES SHALL BE PROPERLY SECURED TO WALL.
10. PROVIDE SEPARATE GROUND WIRE IN ALL PLASTIC AND FLEX CONDUITS.
11. ALL OUTDOOR EQUIPMENT SHALL BE IN WEATHERPROOF NEMA 4X ENCLOSURE.
12. CONTRACTOR SHALL VERIFY GROUND CONTINUITY EXIST FOR ALL ELECTRICAL EQUIPMENT EITHER THROUGH RACEWAY OR GROUND CONDUCTOR.
13. ALL ELECTRICAL EQUIPMENT SHALL BELISTED AND LABELLED BY AN APPROVED AGENCY. INSTALLATION SHALL BE IN ACCORDANCE WITH APPROVED LISTING.

SCOPE OF WORK

PROVIDE (4) 48 AMP, 40 KW, 3 PHASE ELECTRICAL VEHICLE CHARGING STATIONS IN MODIFIED PARKING LOT CONNECTED TO NEW SERVICE WITH A FEEDER TO NEW LOCAL DISTRIBUTION PANEL.

STANDARD ABBREVIATIONS

A, AMP	AMPERES	J, JB	JUNCTION BOX
AFF	ABOVE FINISHED FLOOR	KAIC	KILOAMPERE INTERRUPTING CURRENT
AF	AMP FRAME	KVA	KILOVOLTS AMPERE
AT	AMP TRIP	KVAR	KILOVOLTS AMPERE REACTIVE
AWG	AMERICAN WIRE GAUGE	KW	KILOWATTS
BLDG.	BUILDING	LML	LARGEST MOTOR LOAD
C	CONDUIT	L.O.S.	LOCK OUT SWITCH
CB	CIRCUIT BREAKER	MH	MOUNTING HEIGHT
CL	CONTINUOUS LOAD	N	NEUTRAL
CKT	CIRCUIT	(N)	NEW
C.O.	CONDUIT ONLY	NO., #	NUMBER
COND	CONDUCTOR	P	POLE
CU	COPPER	PF	POWER FACTOR
DISC. SW.	DISCONNECT SWITCH	PFR	POWER FAILURE RELAY
DIST.	DISTRIBUTION	PH	PHASE
EX, (E)	EXISTING	PMR	POWER MONITOR
EQUIP.	EQUIPMENT	PNL	PANEL
FLA	FULL LOAD AMPS	PWR	POWER
G, GND	GROUND	TRANSF.	TRANSFORMER
GFDI	GROUND FAULT DETECTOR INTERRUPTER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
GFI	GROUND FAULT INTERRUPTER	TYP	TYPICAL
GFP	GROUND FAULT PROTECTION	V	VOLTS
HP	HORSEPOWER	W	WIRE
		WP	WEATHERPROOF

STANDARD SYMBOLS LIST

SYMBOL	DESCRIPTION
M	UTILITY METER, SOCKET BY CONTRACTOR, METER BY UTILITY COMPANY A – CUSTOMER AMMETER V – CUSTOMER VOLTMETER KWH – KILOWATT HOUR METER KVAR – REACTIVE POWER METER
400AS 400AF 3P	FUSED DISCONNECT SWITCH, 400 AMP SWITCH, 400 AMP FUSE
200AF 200AT 3P	CIRCUIT BREAKER, 200 AMP FRAME, 200 AMP TRIP
$	STANDARD 20A, 120/277V–1ø SPST TOGGLE SWITCH MOUNTED AT +48" A.F.F.–U.O.N.
	LOW VOLTAGE DIMMING SWITCH AT +48" AFF–UON.
	WALL MOUNTED OCCUPANCY SENSOR.
	CEILING MOUNTED OCCUPANCY SENSOR.
	DUPLEX RECEPTACLE, NEMA 5–15R, D=NEMA 5–20R FOR DEDICATED CIRCUIT. WALL MOUNTED, +24" ABOVE FINISHED FLOOR, MEASURE TO THE CENTER OF OUTLET (UNLESS OTHERWISE NOTED).
	DUPLEX ELECTRICAL OUTLET, HALF CONTROLLED AUTOMATICALLY, 24" A.F.F. MEASURED TO THE CENTER OF OUTLET.
	FOURPLEX ELECTRICAL OUTLET, 24" A.F.F. MEASURED TO THE CENTER OF OUTLET.
J	J – JUNCTION BOX T – THERMOSTAT, 1/2" CONDUIT TO EQUIPMENT SERVED
$M	MANUAL MOTOR STARTER SWITCH. HORSEPOWER RATED–120V – 1ø –U.O.N. PROVIDE COMPLETE WITH THERMAL OVERLOAD PROTECTION.
PC	PHOTOCELL, MOUNTED ON ROOF, FACING NORTH.
30AS/25AF F	DISCONNECT SWITCH, SIZE AND TYPE AS NOTED ("F" INDICATES FUSED), 30AS INDICATES 30 AMP SWITCH, 25AF INDICATES 25 AMP FUSE
1/3	MOTOR. NUMBER INSIDE INDICATES WATTAGE OR HORSEPOWER OF MOTOR.
	POWER PANEL
	COMMUNICATION PANEL
TTB	TELEPHONE TERMINAL BOARD
	CABLE IN FREE AIR
	CONDUIT CONCEALED WITHIN BUILDING WALLS OR CEILING SPACE.
	CONDUIT ROUTED BELOW FINISHED GRADE AND / OR CONCRETE SLAB.
	FLEXIBLE CONDUIT FROM J–BOX TO EQUIPMENT OR LIGHT FIXTURE
#10	CROSS LINES INDICATE NUMBER OF CONDUCTORS, #12 AWG UNLESS OTHERWISE INDICATED. NO CROSS LINES INDICATE 2#12 AWG CONDUCTORS. SIZE CONDUIT PER N.E.C., 1/2" MINIMUM, 3/4" MINIMUM FOR UNDERGROUND CONDUITS.
A–1,3	BRANCH CIRCUIT HOME RUN TO PANELBOARD. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBERS.

SHEET INDEX

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GENERAL NOTES, ABBREVIATIONS AND STANDARD SYMBOLS

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