

Rule 1200 Health Risk Assessment

Facility Name: Pacifica North Park One, LLC
Facility ID: APCD2026-SITE-05033
Application: APCD2026-APP-009147
Project Engineer: Hawzhin Muhamed
Modeler: Bill Reeve
Toxics Risk Analyst: Andrew Bernabe
Date Completed by Toxics: 5/6/2026
HRA Tools Used: Lakes-AERMOD (Version 24142)/HARP (v22118)

The following estimated risks are valid only for the input data provided by the Project Engineer.

Estimated worker risk does not exceed the residential risk. Therefore, only residential risk is presented in the following results.

Estimated Risk Levels:

Maximum Individual Cancer Risk (Resident)	0.03 in one million
Chronic Noncancer Health Hazard Index (Resident)	= 1.99E-05
8-Hour Noncancer Health Hazard Index (Worker)	= NA*
Acute Health Hazard Index (**PMI)	= 2.86E-03

*8-Hour Non-Cancer Health Hazard Index is only applicable when calculating worker risk
**Point of Maximum Impact

Rule 1200 Health Risk Assessment Report

Pacifica North Park, 05033
Application Number 009147

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5/6/2026

Input Data Provided by Project Engineer:

Type of Source: Emergency Natural Gas IC Engine.
Controls Description: None.

Worst-Case TAC Emissions Increase:

Toxic Air Contaminant	Hourly Emission Rate (lb/hr)	Annual Emission Rate (lb/yr)
Acetaldehyde	5.3E-02	5.0E+00
Acrolein	2.8E-04	4.1E+00
Benzene	3.1E-03	5.0E-01
1,3-Butadiene	7.5E-02	8.3E-02
Ethyl benzene	0E+00	5.7E+00
Formaldehyde	6.2E-03	2.4E+00
PAHs, total, w/o individ. components reported [Treated as B(a)P for HRA]	0E+00	3.0E-03
Naphthalene	0E+00	4.1E-01
Toluene	5.7E-01	4.9E+03
Xylenes (mixed)	2.5E+00	8.2E+03

Process Data:

Operation Parameter	Value
Horsepower (bhp):	155
Heat Input (MMBtu/hr):	1.23624
Exhaust Temperature (°F):	1250
Exhaust Rate (scfm):	846
Fuel Rate (lb/hr):	50.36883117

Release Parameters:

Height of release above ground (ft)	89.75
Stack Diameter (or length x width) (ft)	0.25
Exhaust Gas Temperature (°F) ¹	1250.000
Exhaust Gas Flow (ACFM)	846.000

Discussion

The HRA was conducted in accordance with EPA and OEHHA guidance and District standard procedures. A point source was modeled with refined air dispersion modeling using EPA's AERMOD model, AERMET (Version 24142) processed Lindbergh Field 2019/2021 meteorology data, AERMAP terrain processing, and urban dispersion coefficients. Building downwash effects were calculated using the EPA BPIP-Prime model. The receptor grid was sufficiently dense to identify maximum impacts.

These risk results are based on the risk scenario calculations and health data at the time of the review, and should not be scaled with revised emissions rates without consulting with the Toxics Section.

Cancer Risk

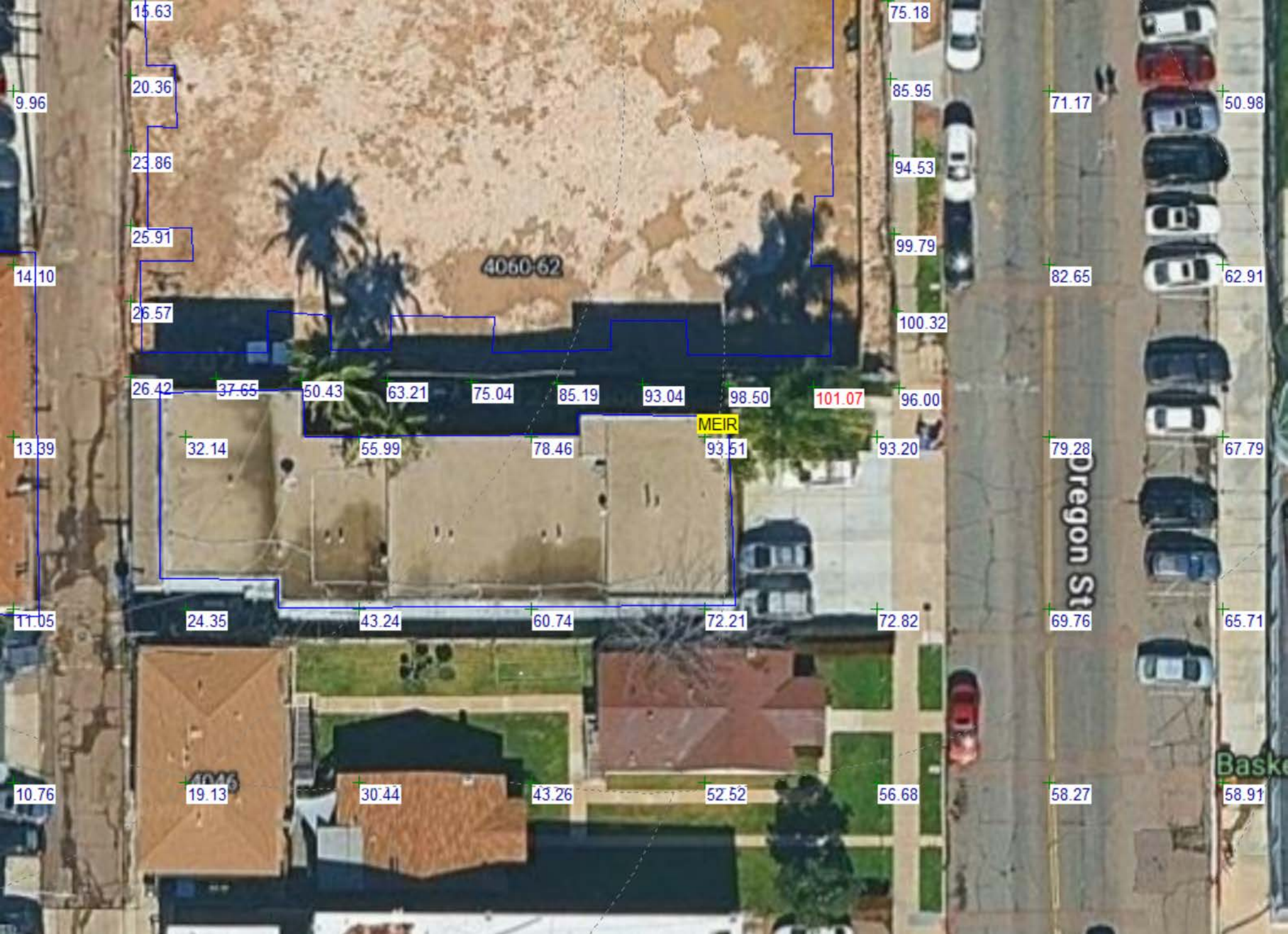
INDEX	GRP1	GRP2	POLID	POLABBRE	CONC	RISK_SUM	SCENARIO	DETAILS
1	Source1		75070	Acetaldehy	2.46E-05	1.66E-10	30YrCance	*
3	Source1		71432	Benzene	1.36E-05	9.20E-10	30YrCance	*
4	Source1		106990	1,3-Butadi	5.93E-06	2.41E-09	30YrCance	*
5	Source1		100414	Ethyl Benz	2.54E-07	1.50E-12	30YrCance	*
6	Source1		50000	Formaldehy	0.000177	2.52E-09	30YrCance	*
7	Source1		67561	Methanol	2.63E-05	0.00E+00	30YrCance	*
8	Source1		75092	Methylene	3.39E-07	8.03E-13	30YrCance	*
9	Source1		91203	Naphthale	8.48E-07	6.89E-11	30YrCance	*
10	Source1		1151	PAHs-w/o	8.48E-07	2.40E-08	30YrCance	*
11	Source1		108883	Toluene	5.09E-06	0.00E+00	30YrCance	*
12	Source1		1330207	Xylenes	1.70E-06	0.00E+00	30YrCance	*
						3.00E-08		

Chronic Risk

INDEX	GRP1	GRP2	POLID	POLABBRE	CONC	SCENARIO	RESP
1	Source1		75070	Acetaldehy	2.46E-05	NonCance	1.76E-07
3	Source1		71432	Benzene	1.36E-05	NonCance	0.00E+00
4	Source1		106990	1,3-Butadi	5.93E-06	NonCance	0.00E+00
5	Source1		100414	Ethyl Benz	2.54E-07	NonCance	0.00E+00
6	Source1		50000	Formaldehy	0.000177	NonCance	1.97E-05
7	Source1		67561	Methanol	2.63E-05	NonCance	0.00E+00
8	Source1		75092	Methylene	3.39E-07	NonCance	0.00E+00
9	Source1		91203	Naphthale	8.48E-07	NonCance	9.42E-08
10	Source1		1151	PAHs-w/o	8.48E-07	NonCance	0.00E+00
11	Source1		108883	Toluene	5.09E-06	NonCance	0.00E+00
12	Source1		1330207	Xylenes	1.70E-06	NonCance	2.43E-09
							1.99E-05

Acute Risk

INDEX	GRP1	GRP2	POLID	POLABBRE	CONC	SCENARIO	EYE
1	Source1		75070	Acetaldehy	0.0215	NonCance	4.57E-05
3	Source1		71432	Benzene	0.0119	NonCance	0.00E+00
4	Source1		106990	1,3-Butadi	0.00519	NonCance	0.00E+00
5	Source1		100414	Ethyl Benz	0.000223	NonCance	0.00E+00
6	Source1		50000	Formaldehy	0.155	NonCance	2.82E-03
7	Source1		67561	Methanol	0.023	NonCance	0.00E+00
8	Source1		75092	Methylene	0.000297	NonCance	0.00E+00
9	Source1		91203	Naphthale	0.000742	NonCance	0.00E+00
10	Source1		1151	PAHs-w/o	0.000742	NonCance	0.00E+00
11	Source1		108883	Toluene	0.00445	NonCance	8.90E-07
12	Source1		1330207	Xylenes	0.00148	NonCance	6.73E-08
							2.86E-03



15.63

20.36

23.86

25.91

26.57

26.42

32.14

24.35

19.13

9.96

14.10

13.39

11.05

10.76

37.65

50.43

43.24

63.21

55.99

30.44

75.04

78.46

43.26

85.19

60.74

52.52

93.04

72.21

56.68

98.50

93.51

52.52

101.07

93.20

56.68

96.00

72.82

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93.20

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56.68

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85.95

94.53

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4060-62

MEIR

4046

Oregon St

Baske



268.99

309.17

353.45

381.63

442.47

463.19

PMI - Acute

485.90

478.73

463.17

457.95

RISK ANALYST ONLY							
Annual Receptor Type: Resident		Hourly Receptor Type: PMI					
ANNUAL DISPERSION FACTOR (µg/m3)/(g/s): 93.5		HOURLY DISPERSION FACTOR (µg/m3)/(g/s): 485.9					
Distance (m):		Distance (m):					
CHEMICAL NAME		Acute Emission Rate lb/hr	Annual Emission Rate lb/yr	Acute Emissions Rate g/s	Annual Emission Rate g/s	Hourly GLC µg/m ³	Annual GLC µg/m ³
75070	ACETALDEHYDE	3.51E-04	1.83E-02	4.43E-05	2.63E-07	2.15E-02	2.46E-05
107028	ACROLEIN	1.21E-05	6.30E-04	1.53E-06	9.07E-09	7.42E-04	8.48E-07
71432	BENZENE	1.94E-04	1.01E-02	2.44E-05	1.45E-07	1.19E-02	1.36E-05
106990	1,3-Butadiene	8.48E-05	4.41E-03	1.07E-05	6.35E-08	5.19E-03	5.93E-06
100414	ETHYL BENZENE	3.64E-06	1.89E-04	4.58E-07	2.72E-09	2.23E-04	2.54E-07
50000	FORMALDEHYDE	2.53E-03	1.32E-01	3.19E-04	1.89E-06	1.55E-01	1.77E-04
67561	METHANOL	3.76E-04	1.95E-02	4.73E-05	2.81E-07	2.30E-02	2.63E-05
75092	METHYLENE CHLORIDE	4.85E-06	2.52E-04	6.11E-07	3.63E-09	2.97E-04	3.39E-07
91203	NAPHTHALENE	1.21E-05	6.30E-04	1.53E-06	9.07E-09	7.42E-04	8.48E-07
1151	PAHs	1.21E-05	6.30E-04	1.53E-06	9.07E-09	7.42E-04	8.48E-07
108883	TOLUENE	7.27E-05	3.78E-03	9.16E-06	5.44E-08	4.45E-03	5.09E-06
1330207	XYLENES	2.42E-05	1.26E-03	3.05E-06	1.81E-08	1.48E-03	1.70E-06

FROM APPLICATION (Proposed Engine)		FROM APPLICATION (Existing Engine - if applicable)
Application(s):	APCD2026-APP-009147	
Site ID:	APCD2026-SITE-05033	
Applicant:	Pacifica North Park One LLC	
Equipment Address:	4060 Oregon Street, San Diego, CA 92104	
Make:	PSI	
Model:	5.7L TCAC	
Horsepower:	155 BHP	
Heat Input:	1.23624 MMBtu/ophr	
ExhaustTemp:	1250 °F	
Exhaust Rate:	846 scfm	
Fuel Rate:	50.36883117 lb/ophr	
Schedule:	24 ophr/day	
	52 ophr/yr	

453.6 grams/lb
2000 lbs/ton
District standard conditions are 68°F and 14.7 psia

Post-Project (Proposed Engine) Emissions

EMISSION RATES

	Manufacturer/EPA Guaranteed Rates			Default Rates from APCD	
	g/bhp-hr	ppmvd	lbs/MMbtu	lb/MM cft	lb/MM cft
NOx	0.01				
CO	0.68				
VOC	0.01				
PM	N/A; calculation will use default value			19.8	
SOX	N/A; calculation will use default value			0.6	

CALCULATED NORMAL EMISSIONS:

NOx	0.003 lb/ophr	0.082 lb/day	0.000089 ton/yr	0.178 lb/year
CO	0.232 lb/ophr	5.577 lb/day	0.006041 ton/yr	12.083 lb/year
VOC	0.003 lb/ophr	0.082 lb/day	0.000089 ton/yr	0.178 lb/year
PM	0.0239976 lb/ophr	0.576 lb/day	0.000624 ton/yr	1.248 lb/year
SOX	0.001 lb/ophr	0.017 lb/day	0.000019 ton/yr	0.038 lb/year

CALCULATED RULE 53(d)(2) DISCHARGE:

with normal emissions the particulate discharge concentration is:
7000 grains/lb x 0.024 lb PM/hr ÷ (846 scf/min x (60 min/1 hour)) = 0.00331 grains PM/dscf exhaust.

COMPLIANCE WITH RULE 69.4.1:

Emission of NOx =	0.6	ppmv NOx at 15% oxygen: compliance with Rule 69.4.1(d)(1)
Emission of CO =	62.9	ppmv CO at 15% oxygen: compliance with Rule 69.4.1(d)(1)
Emission of VOC =	1.6	ppmv VOC at 15% oxygen: compliance with Rule 69.4.1(d)(1)

Molecular Weight (by pollutant)	
NOx	46 lb/lb-mol
CO	28 lb/lb-mol
VOC (CH4)	16 lb/lb-mol

Molar Volume of Ideal Gas	
	385 scf/lb-mol

F-Factor of Natural Gas	
	8710 dscf/MMBtu

**San Diego Air Pollution Control District
Supplemental Application Information
Rule 1200 Toxics Evaluation**

(ALL REQUESTED INFORMATION IS IMPORTANT - PLEASE ENSURE ORANGE CELLS ARE FILLED, IF KNOWN)

Facility Name:	Pacifica North Park One LLC		
Equipment Location:	4060 Oregon Street. San Diego, CA 92104		
Project Description:	Natural Gas (NG) Engine		
Control Equipment:	3-way Catalyst		
Operating Schedule:	Hours per Day:		Weeks per Year:
	Days per Week:		Days per Year:

RELEASE POINT DATA

How are the emissions from this project released into the outdoor air? (Check all that apply)

Point Source	Non-Point Source		
<input type="checkbox"/> Exhaust Stack or Duct	<input type="checkbox"/> Passive Ventilation	<input type="checkbox"/> Released through windows and/or roll-up doors	<input type="checkbox"/> Fugitive Emissions

Point Source

Parameter	Point Source #1	Point Source #2	Point Source #3
Height of release above ground (ft)	89.75		
Stack Diameter (or length x width) (ft)	0.25		
Exhaust Gas Temperature (°F) ¹	1250.000		
Exhaust Gas Flow (ACFM)	846.000		
Direction of Flow ²	vertical		
Flow Obstruction ³	No		
Distance to Nearest Property Line (+/- 10ft)	20.00		

¹ Use "70 °F" or "Ambient" if unknown

² if "other" describe: 0

³ if "other" describe:

AERIAL MAP AND FACILITY PLOT PLAN must be attached and labeled with **Release Point(s) and Building(s)**
(includes facility and neighboring buildings within 5x the release height of a point source(s)).

Parameter	Building A	Building B	Building C
Point Source(s)			
Point Source Location			
Building Length (ft) (optional)	90		
Building Width (ft) (optional)	145		
Building Height above ground (ft)	88.8		

San Diego APCD Use Only

Additional Rule 1200 Submittal Information

Submittal Date:		Site ID:	APCD2026-SITE-05033
Project Engineer:	Hawzhin Muhmaed	Appl. Number(s):	APCD2026-APP-009147
Fees Collected:		PTO No. (if existing):	

REV	DESCRIPTION	DATE
1	DESIGN CHANGES	02.23.22
2	FIELD REVISION	10.12.22
3	PC COMMENT	12.21.22
4	FIELD REVISION	06.08.23

COASTAL FORM ARCHITECTS

2002 Jimmy Durante Blvd.
Suite 200
Del Mar, CA 92014

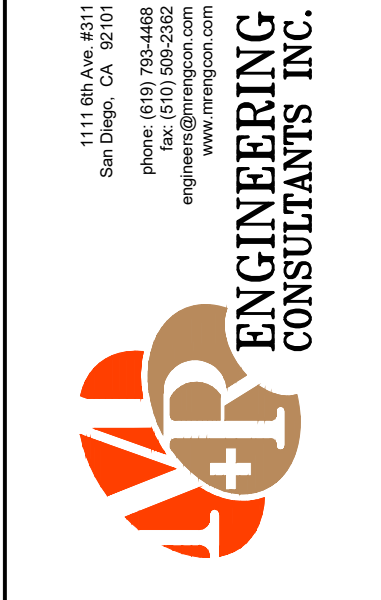
858.531.9884
www.coastalform.com
info@coastalform.com

**4060 OREGON STREET
48 MICRO UNIT APARTMENT**

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San Diego, CA 92101
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eng@emrinc.com
www.emrinc.com

ENGINEERING CONSULTANTS INC.



TITLE:

ELECTRICAL ROOF PLAN

JOB NO: B1910-AA031

DRAWN: BC

CHECKED: RA/IB

SCALE: AS SHOWN

DATE: 06.08.2023

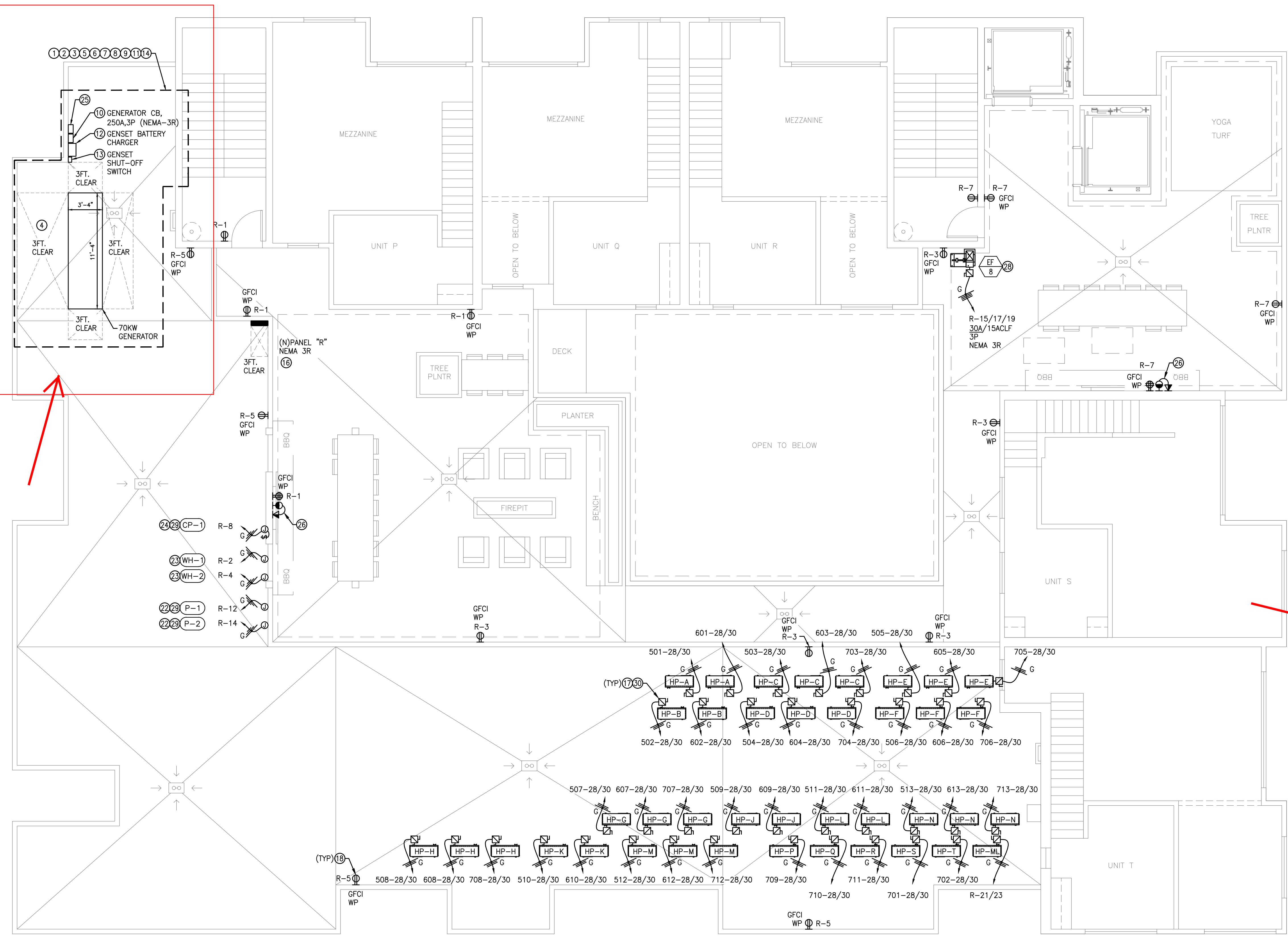
E3.8

GENERAL NOTES:

- ELECTRICAL CONTRACTOR SHALL VERIFY (E) FIELD CONDITIONS PRIOR TO BID. ANY DISCREPANCIES BETWEEN DRAWINGS & (E) CONDITIONS FOUND DURING INSTALLATION SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION & SHOULD BE RESOLVED AT NO ADDITIONAL COST TO THE OWNER.
- ALL WIRING TO BE COPPER "THWN," UNLESS OTHERWISE NOTED. SEE PANEL SCHEDULE FOR SIZING.
- ELECTRICAL CONTRACTOR TO SUPPLY OWNER WITH DRAWINGS OF THE AS-BUILT CONDITION OF THE WIRING SYSTEM UPON COMPLETION.
- ALL CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO ALL LOCAL CODES, ORDINANCES AND CURRENT ELECTRIC & BUILDING CODES.
- THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL LOCAL COUNTY, STATE AND FEDERAL CODES, ORDINANCES, RULES AND REGULATIONS INCLUDING ALL REQUIREMENTS OF GOVERNING AGENCIES. ELECTRICAL CONTRACTOR SHALL PAY ALL COSTS, ASSOCIATED WITH THE INSTALLATION, INCLUDING BUILDING APPLICATION FEES, ETC.
- ALL RECEPTACLES OUTLETS ON BRANCH CIRCUITS OF 30-AMPERES OR LESS SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING NO LESS 15 INCHES MEASURED TO THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING ABOVE FINISHED FLOOR.
- FOR ELECTRICAL PENETRATIONS OF FIRE-RATED WALLS, PROVIDE PROTECTION PER CBC CHAPTER 7. PENETRATIONS ON OPPOSITE SIDES OF THE WALL SHALL BE SEPARATED BY ONE OF THE FOLLOWING:
 - CAVITY FILLED WITH CELLULOSE LOOSE-FILL, ROCKWOOL OR SLAG MINERAL WOOL INSULATION
 - HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES
 - SOLID FIREBLOCKING
 - PROTECTING BOTH OUTLET BOXES WITH LISTED MATERIALS AND METHODS.
- ALL DISCONNECTING MEANS SHALL BE IDENTIFIED FOR ITS PURPOSE AS PER LATEST CEC ARTICLE 110.22.
- ELECTRICAL CONTRACTOR TO VERIFY INCOMING SERVICE, TO PROVIDE FINAL CONNECTIONS TO ALL APPLICABLE SERVICE EQUIPMENT AND TO PROVIDE ALL SWITCHES, BREAKERS, CONDUIT, STARTERS, ETC., UNLESS OTHERWISE STATED.
- ELECTRICAL CONTRACTOR TO PROVIDE ALL JUNCTION BOXES, OUTLETS, AND RECEPTACLE IN FIXTURES, FABRICATOR TO LOCATE ALL RECEPTACLES AND SWITCHES WHEN PART OF FIXTURES INTERNAL WIRING.
- ELECTRICAL CONTRACTOR TO PROVIDE APPROPRIATE LENGTH PIGTAIL FLEX CONDUIT AT ALL DIRECT CONNECT STUB OUTS, AND CONNECT TO FIXTURES.
- ELECTRICAL CONTRACTOR TO PROVIDE A MINIMUM OF THREE WIRES PLUS GROUND ON ALL 208 VOLT CIRCUITS.
- ELECTRICAL CONTRACTOR TO COMPLETE ALL NECESSARY FORMS TO SATISFY TITLE 24 BUILDING DEPARTMENT REQUIREMENTS.
- ELECTRICAL CONTRACTOR TO PROVIDE CONVENIENCE OUTLETS WHERE APPLICABLE PER CODES AND OWNER'S REQUIREMENTS.
- PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH AND EVERY PHASE (LINE) CONDUCTOR; TO COMPLY WITH CEC ARTICLE 210.4 FOR MULTI-WIRE CIRCUITS AND TO PERMIT INDIVIDUAL OPERATION/CONTROL OF EACH BRANCH CIRCUIT OR PROVIDE TIE HANDLE ON BREAKERS TO SUIT SINGLE NEUTRAL ON MULTI-CIRCUITS HOMERUNS- NEUTRAL MUST BE MINIMUM #10 ON MULTI CIRCUITS.

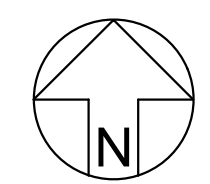
SHEET NOTES:

- EMERGENCY AND STANDBY POWER SYSTEM (EPS) EQUIPMENT (GENERATOR SET) SHALL BE SELECTED, LOCATED, INSTALLED, AND MAINTAINED IN FULL COMPLIANCE WITH THE LATEST EDITION NFPA 110, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - THE GENERATOR SET IS LOCATED IN A ROOM DEDICATED TO EPS EQUIPMENT AND IS SEPARATED FROM THE REMAINDER OF THE BUILDING BY CONSTRUCTION WITH A MINIMUM 2-HOUR FIRE RATING OR IS LOCATED IN AN EXTERIOR ENCLOSURE (OR FIXED HOUSING INTEGRAL WITH THE GENERATOR SET) CAPABLE OF PREVENTING THE ENTRANCE OF SNOW OR RAIN AND RESISTING HIGH WIND SPEEDS.
 - EPS EQUIPMENT AND SEPARATE STORED EMERGENCY POWER SUPPLY SYSTEM (SESPS) EQUIPMENT MAY OCCUPY THE SAME INTERIOR SPACE. THE LOCATIONS HOUSING EPS EQUIPMENT ARE LOCATED TO MINIMIZE THE POSSIBILITY OF DAMAGE FROM FLOODING, INCLUDING THAT FROM FIREFIGHTING, SEWER OR STORM WATER BACKUP, AND SIMILAR ADVERSE EVENTS OR CONSEQUENCES.
 - INTERIOR EPS LOCATIONS PROVIDE AT LEAST 36-IN. WORKING CLEARANCE ON ALL SIDES AS NECESSARY TO ACCOMMODATE INSPECTION, TESTING, OR MAINTENANCE ACTIVITIES. CLEARANCES ARE MEASURED FROM THE SKID RAILS' GREATEST EXTENSION IN THE DIRECTION OF ACCESS. THE EPS IS HEATED AS NECESSARY TO MAINTAIN WATER JACKET TEMPERATURES SPECIFIED BY THE MANUFACTURER.
 - INTERIOR LOCATIONS OF EPS EQUIPMENT ARE PROVIDED WITH ADEQUATE TEMPERED AIRFLOW TO ASSURE THE ROOM DOES NOT EXCEED EPS MANUFACTURER-SPECIFIED TEMPERATURE RANGES WHEN STANDING BY OR WHILE RUNNING AT RATED LOAD.
- GENERATOR SETS SHALL BE MAINTAINED PER NFPA 110 CHAPTER 8. SUCH MAINTENANCE INCLUDES BUT IS NOT LIMITED TO:
 - AT LEAST TWO SETS OF INSTRUCTION MANUALS EXIST. ONE IS KEPT NEAR THE EQUIPMENT, AND THE OTHER IN A SEPARATE LOCATION.
 - STARTING BATTERIES ARE INSPECTED WEEKLY.
 - GENERATOR SETS ARE EXERCISED AT LEAST MONTHLY FOR 30 MINUTES UNDER LOADING THAT MAINTAINS MINIMUM EXHAUST TEMPERATURES RECOMMENDED BY THE MANUFACTURER OR IS LOADED AT 30% OF THE NAMEPLATE RATING FOR THE FULL DURATION.
 - GENERATORS THAT DO NOT ACHIEVE EITHER FORM OF REQUIRED LOADING ON THE MONTHLY TESTS UNDERGO A MORE RIGOROUS 90-MINUTE TEST ANNUALLY.
 - SPARK IGNITED GENERATOR SETS ARE EXERCISED MONTHLY FOR 30 MINUTES.
 - TRANSFER SWITCHES ARE EXERCISED MONTHLY.
 - LEVEL 1 EPS UNDERGO A TEST FOR THE FULL DURATION OF THEIR CLASS OR 4 HOURS, WHICHEVER IS LESS, AT LEAST EVERY 36 MONTHS.
- PROVIDE GENSET NATURAL GAS TYPE.
- FOR OUTDOOR INSTALLATIONS, LOCATE GENSET AT LEAST 5FT. FROM ANY WALL AND BUILDING OPENINGS AS PER NFPA 37 SEC.3-1.4.1.
- FREE STANDING ELECTRICAL EQUIPMENT (GENSET, MSB, ETC.) SHALL BE PROVIDED WITH CONCRETE PAD MIN. 4" THICK.
- FOUNDATION TO BE MADE OF NON-COMBUSTIBLE MATERIALS PER NFPA 37 SEC.3-2.
- PROVIDE SOUND ATTENUATED & WEATHER PROTECTED ENCLOSURE FOR GENERATOR LOCATED AT ROOF WITH ABILITY TO WITHSTAND STRONG WINDS AND SILENCER THAT MEETS LOCAL NOISE ORDINANCE.
- WARNING AND IDENTIFICATION SIGNS SHALL BE POSTED TO CLEARLY IDENTIFY HAZARDS.
- PROVIDE ADDITIONAL VIBRATION ISOLATORS TO BE USED TO ISOLATE GENERATOR VIBRATION TO OTHER PARTS OF THE BUILDING.



1 ELECTRICAL ROOF PLAN (15)(19)(20)(21)(22)

SCALE: 3/16"=1'-0"



- PROVIDE LOCKABLE CIRCUIT BREAKER AT PANELBOARD FOR PERMANENTLY CONNECTED APPLIANCES OVER 300VA WHERE DISCONNECTING MEANS IS NOT ON SIGHT PER CEC 422.31.
- TYPICAL DISCONNECT SWITCH FOR HEAT PUMP UNITS IS 60A/40ACLF, 2P, NEMA 3R.
- PROVIDE RIGID STEEL PVC COATED CONDUIT INCLUDING FITTINGS ON ALL CONDUITS ON ROOF AND EXTERIOR INSTALLATION.
- RUN FEEDER AND BRANCH CIRCUIT WIRING ON ROOF ALONG MECHANICAL PATH. PROVIDE PROOF SLIPPERS FOR PROPER CONDUIT SUPPORT AND INSTALLATION.
- PROVIDE JUNCTION BOX FOR WATER HEATER PUMP. COORDINATE EXACT LOCATION WITH ARCHITECT/CLIENT AND PLUMBING CONTRACTOR.
- PROVIDE JUNCTION BOX FOR GAS WATER HEATER ELECTRONIC IGNITION. COORDINATE EXACT LOCATION WITH ARCHITECT/CLIENT AND PLUMBING CONTRACTOR.
- PROVIDE DEDICATED JUNCTION BOX AND WEATHERPROOF MOTOR RATED SWITCH FOR HOT WATER CIRCULATOR PUMP. COORDINATE EXACT LOCATION WITH ARCHITECT/CLIENT AND PLUMBING CONTRACTOR AND EQUIPMENT VENDOR.
- ELECTRICAL CONTRACTOR TO PROVIDE JUNCTION BOX AND POWER PROVISION FOR GENERATOR'S COOLANT HEATING. CIRCUITS TAKEN FROM PANEL "EDP". COORDINATE WITH THE GENERATOR VENDOR FOR ACTUAL REQUIREMENTS.
- PROVIDE POWER AND SIGNAL FOR TV. MOUNTING HEIGHT AND EXACT LOCATION TO BE COORDINATED WITH ARCHITECT/OWNER.
- REFER TO SHEET E3.9 FOR EQUIPMENT SCHEDULES AND VOLTAGE DROP CALCULATIONS.
- PROVIDE WALL SWITCH FOR EXHAUST FAN EF-8. FAN TO RUN CONTINUOUSLY. COORDINATE EXACT LOCATION WITH ARCHITECT OR OWNER.
- NEMA 3R GENERATOR CB. COORDINATE EXACT LOCATION WITH GENERATOR EQUIPMENT VENDOR PRIOR TO INSTALLATION.
- STRUCTURAL PLANS SHOULD CONFIRM THE ROOF AND BUILDING SUPPORTS CAN BEAR THE WEIGHT OF THE COMPLETE GENERATOR SYSTEM.
- GENSET BATTERY CHARGER AT CIRCUIT EDP-39.
- GENSET SHUT-OFF SWITCH.
- COORDINATE EQUIPMENT ANCHORING INCLUDING WEIGHT OF THE EQUIPMENT WITH STRUCTURAL ENGINEER.
- EXACT LOCATION AND MOUNTING HEIGHT OF ALL RECEPTACLES SHALL BE VERIFIED WITH OWNER OR ARCHITECT.
- COORDINATE WITH ARCHITECT/OWNER THE FINAL LOCATION OF PANELBOARD PRIOR TO INSTALLATION.
- COORDINATE LOCATION OF DISCONNECT SWITCH WITH MECHANICAL VENDOR PRIOR TO INSTALLATION. PROVIDE FLEXTITE CONDUIT BETWEEN DISCONNECT SWITCH AND TERMINATION POINT AT MECHANICAL UNIT.
- PROVIDE WEATHERPROOF AND GFCI PROTECTED RECEPTACLES WITHIN 25 FT. OF ROOFTOP EQUIPMENT PER CEC 210.63.
- ALL CONDUITS PENETRATION ON ROOF MUST BE COORDINATED WITH ARCHITECT. PROVIDE FLASHING AND COUNTER FLASHING AND WATER TIGHT ALL CONDUITS PENETRATION ON ROOF RUN ALL CONDUITS IN GROUP AND WELL ORGANIZED MANNER.

HARP2 - HRACalc (dated 22118) 5/1/2026 4:11:30 PM - Output Log

GLCs loaded successfully

Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident

Scenario: All

Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25

Total Exposure Duration: 30

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25

0<2 Years Bin: 2

2<9 Years Bin: 0

2<16 Years Bin: 14

16<30 Years Bin: 14

16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True

Soil: True

Dermal: True

Mother's milk: True

Water: False

Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

TIER 2 SETTINGS
Tier2 not used.

Calculating cancer risk
Cancer risk saved to: C:\Users\abernabe\Desktop\9147 Pacifica\Risk\MEIRCancerRisk.csv
Calculating chronic risk

Chronic risk saved to: C:\Users\abernabe\Desktop\9147 Pacifica\Risk\MEIRNCChronicRisk.csv
Calculating acute risk
Acute risk saved to: C:\Users\abernabe\Desktop\9147 Pacifica\Risk\MEIRNCAcuteRisk.csv
HRA ran successfully

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PAGE 1
 *** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION STCK1	POINT	487291.630	3623761.370	111.220		
----------------	-------	------------	-------------	---------	--	--

** Source Parameters **

SRCPARAM STCK1	1.0	27.356	949.817	87.5515355223455	0.0762	
----------------	-----	--------	---------	------------------	--------	--

** Building Downwash **

BUILDHGT STCK1	25.81	25.81	25.81	25.81	25.81	25.81
BUILDHGT STCK1	25.81	25.81	25.81	25.81	25.81	25.81
BUILDHGT STCK1	25.81	25.81	25.81	25.81	25.81	25.81
BUILDHGT STCK1	25.81	25.81	25.81	25.81	25.81	25.81
BUILDHGT STCK1	25.81	25.81	25.81	25.81	25.81	25.81
BUILDHGT STCK1	25.81	25.81	25.81	25.81	25.81	25.81
BUILDWID STCK1	43.16	45.31	46.38	46.40	45.02	42.26
BUILDWID STCK1	38.26	33.59	28.05	33.65	39.15	43.46
BUILDWID STCK1	46.44	48.02	48.14	46.79	44.02	40.08
BUILDWID STCK1	43.16	45.31	46.38	46.40	45.02	42.26
BUILDWID STCK1	38.26	33.59	28.05	33.65	39.15	43.46
BUILDWID STCK1	46.44	48.02	48.14	46.79	44.02	40.08
BUILDLN STCK1	33.65	39.15	43.46	46.44	48.02	48.14
BUILDLN STCK1	46.79	44.02	40.08	43.16	45.31	46.38
BUILDLN STCK1	46.40	45.02	42.26	38.26	33.59	28.05

BUILDLN	STCK1	33.65	39.15	43.46	46.44	48.02	48.14
BUILDLN	STCK1	46.79	44.02	40.08	43.16	45.31	46.38
BUILDLN	STCK1	46.40	45.02	42.26	38.26	33.59	28.05
XBADJ	STCK1	-23.83	-23.48	-22.41	-20.66	-18.29	-15.36
XBADJ	STCK1	-11.96	-8.20	-4.27	-3.93	-3.71	-3.66
XBADJ	STCK1	-3.87	-3.95	-3.92	-3.81	-4.07	-4.36
XBADJ	STCK1	-9.82	-15.67	-21.04	-25.78	-29.73	-32.78
XBADJ	STCK1	-34.83	-35.82	-35.81	-39.22	-41.60	-42.72
XBADJ	STCK1	-42.54	-41.06	-38.34	-34.45	-29.52	-23.69
YBADJ	STCK1	-17.64	-18.95	-19.53	-19.34	-18.55	-17.21
YBADJ	STCK1	-15.32	-12.72	-9.66	-7.01	-3.90	-0.68
YBADJ	STCK1	2.56	5.72	8.71	11.43	13.81	15.77
YBADJ	STCK1	17.64	18.95	19.53	19.34	18.55	17.21
YBADJ	STCK1	15.32	12.72	9.66	7.01	3.90	0.68
YBADJ	STCK1	-2.56	-5.72	-8.71	-11.43	-13.81	-15.77

URBANSRC ALL
SRCGROUP ALL

SO FINISHED

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 1400000.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* CCVR_Sub - Meteorological data includes CCVR substitutions
* TEMP_Sub - Meteorological data includes TEMP substitutions
* NOTURBST - Meteorological data Ignore turbulence - stable hours
* Model Assumes No FLAGPOLE Receptor Heights.
* The User Specified a Pollutant Type of: OTHER

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 17818 Receptor(s)

with: 1 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNNING After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 24142

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours

m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 9.00 ; Decay Coef. = 0.000 ; Rot.
Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =
0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 5.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 9147_Pacifica.err

**File for Summary of Results: 9147_Pacifica.sum

▲ *** AERMOD - VERSION 24142 *** *** D:\Modeling Projects\9147_Pacifica\9147_Pacifica.isc ***
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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1
1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1
1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1

Surface station no.: 23188
 Name: SAN_DIEGO/LINDBERGH_FIELD

Upper air station no.: 3190
 Name: UNKNOWN

Year: 2019

Year: 2019

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF
TA	HT																			
19	01	01	1	01	-4.9	0.092	-9.000	-9.000	-999.	67.	14.3	0.04	0.56	1.00	1.40	356.	10.0			
282.5	2.0																			
19	01	01	1	02	-6.0	0.101	-9.000	-9.000	-999.	77.	15.7	0.04	0.56	1.00	1.55	336.	10.0			
281.4	2.0																			
19	01	01	1	03	-12.2	0.146	-9.000	-9.000	-999.	134.	23.5	0.04	0.56	1.00	2.18	357.	10.0			
281.4	2.0																			
19	01	01	1	04	-18.4	0.183	-9.000	-9.000	-999.	188.	36.8	0.05	0.56	1.00	2.64	26.	10.0			
281.4	2.0																			
19	01	01	1	05	-18.6	0.184	-9.000	-9.000	-999.	189.	37.1	0.05	0.56	1.00	2.64	31.	10.0			
280.9	2.0																			
19	01	01	1	06	-19.8	0.196	-9.000	-9.000	-999.	209.	42.4	0.05	0.56	1.00	2.81	40.	10.0			
282.0	2.0																			
19	01	01	1	07	-24.8	0.244	-9.000	-9.000	-999.	289.	65.5	0.05	0.56	1.00	3.47	26.	10.0			
280.3	2.0																			
19	01	01	1	08	-13.3	0.241	-9.000	-9.000	-999.	284.	95.5	0.05	0.56	0.49	3.39	18.	10.0			
281.4	2.0																			
19	01	01	1	09	28.7	0.255	0.486	0.005	145.	309.	-52.4	0.05	0.56	0.29	3.15	24.	10.0			
284.2	2.0																			
19	01	01	1	10	63.8	0.292	0.745	0.005	236.	379.	-35.5	0.05	0.56	0.22	3.52	28.	10.0			
285.9	2.0																			
19	01	01	1	11	87.7	0.290	1.135	0.005	606.	375.	-25.3	0.05	0.56	0.20	3.41	26.	10.0			
287.0	2.0																			
19	01	01	1	12	99.3	0.339	1.313	0.005	827.	474.	-35.7	0.05	0.56	0.19	4.07	45.	10.0			
288.8	2.0																			
19	01	01	1	13	93.9	0.516	1.334	0.005	918.	890.	-133.1	0.05	0.56	0.19	6.63	39.	10.0			

288.8	2.0																		
19	01	01	1	14	79.1	0.598	1.291	0.005	988.	1108.	-244.9	0.05	0.56	0.20	7.81	34.	10.0		
288.8	2.0																		
19	01	01	1	15	52.0	0.498	1.138	0.005	1031.	855.	-216.3	0.05	0.56	0.23	6.52	28.	10.0		
288.8	2.0																		
19	01	01	1	16	14.5	0.438	0.747	0.005	1042.	699.	-524.4	0.05	0.56	0.32	5.79	41.	10.0		
288.1	2.0																		
19	01	01	1	17	-30.2	0.339	-9.000	-9.000	-999.	481.	126.6	0.05	0.56	0.59	4.73	30.	10.0		
286.4	2.0																		
19	01	01	1	18	-16.7	0.173	-9.000	-9.000	-999.	196.	33.1	0.05	0.56	1.00	2.50	57.	10.0		
285.9	2.0																		
19	01	01	1	19	-22.0	0.219	-9.000	-9.000	-999.	246.	52.9	0.05	0.56	1.00	3.12	58.	10.0		
284.8	2.0																		
19	01	01	1	20	-29.8	0.297	-9.000	-9.000	-999.	388.	96.9	0.05	0.56	1.00	4.17	48.	10.0		
284.2	2.0																		
19	01	01	1	21	-23.1	0.230	-9.000	-9.000	-999.	266.	58.2	0.05	0.56	1.00	3.24	61.	10.0		
283.8	2.0																		
19	01	01	1	22	-33.5	0.332	-9.000	-9.000	-999.	459.	121.4	0.05	0.56	1.00	4.61	61.	10.0		
283.1	2.0																		
19	01	01	1	23	-33.4	0.332	-9.000	-9.000	-999.	459.	121.4	0.05	0.56	1.00	4.61	68.	10.0		
283.8	2.0																		
19	01	01	1	24	-29.1	0.289	-9.000	-9.000	-999.	373.	91.7	0.05	0.56	1.00	4.03	71.	10.0		
283.1	2.0																		

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
19	01	01	01	10.0	1	356.	1.40	282.6	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (26304 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

NETWORK
GROUP ID
GRID-ID

AVERAGE CONC

RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE

ALL	1ST HIGHEST VALUE IS	101.07033	AT (	487326.31,	3623735.86,	112.33,	112.33,	0.00)	DC
	2ND HIGHEST VALUE IS	100.31557	AT (	487331.13,	3623740.28,	112.59,	112.59,	0.00)	DC
	3RD HIGHEST VALUE IS	99.78865	AT (	487331.01,	3623744.77,	112.69,	112.69,	0.00)	DC
	4TH HIGHEST VALUE IS	98.50103	AT (	487321.37,	3623735.94,	112.14,	112.14,	0.00)	DC
	5TH HIGHEST VALUE IS	95.99919	AT (	487331.25,	3623735.79,	112.49,	112.49,	0.00)	DC
	6TH HIGHEST VALUE IS	94.53042	AT (	487330.89,	3623749.26,	112.78,	112.78,	0.00)	DC
	7TH HIGHEST VALUE IS	93.50780	AT (	487320.00,	3623733.00,	112.04,	112.04,	0.00)	DC
	8TH HIGHEST VALUE IS	93.20294	AT (	487330.00,	3623733.00,	112.39,	112.39,	0.00)	DC
	9TH HIGHEST VALUE IS	93.04121	AT (	487316.43,	3623736.01,	111.93,	111.93,	0.00)	DC
	10TH HIGHEST VALUE IS	85.95064	AT (487330.77,	3623753.75,	112.87,	112.87,	0.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	NETWORK		DATE						
ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	(YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZHILL,			
ALL	HIGH	1ST HIGH VALUE IS	485.90084	ON 20100409: AT (	487330.65,	3623758.24,	112.95,	112.95,	
0.00)	DC								

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

▲ *** AERMOD - VERSION 24142 *** *** D:\Modeling Projects\9147_Pacifica\9147_Pacifica.isc ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 683 Informational Message(s)

A Total of 26304 Hours Were Processed

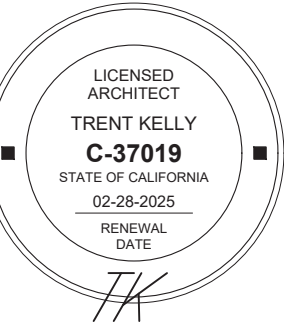
A Total of 249 Calm Hours Identified

A Total of 433 Missing Hours Identified (1.65 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

SO W320	38	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	101	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	101	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	



Owner:
Pacifica Companies
1775 Hancock Street, Suite #200
San Diego, CA 92110

Civil Engineer:
Civil Landworks
110 Copperwood Way, Suite P
Oceanside, CA 92058

Structural Engineer:
HTK Structural Engineers, LLP
3131 Camino Del Rio North
San Diego, CA 92107

MEP Engineer:
M+R Engineering Consultants
1111 Sixth Ave Suite 311
San Diego, CA 92101

Landscape Architect:
John Howard & Associates
2442 Second Ave.
San Diego, CA 92101

4060 Oregon Street
BUILDING DEPARTMENT SUBMITTAL # 4
2023-02-28

This set of plans and specifications shall be kept on the site of the structure of work at all times during which work authorized by these plans is in progress, and shall be made available to city officials upon request. It is unlawful to change, modify, or alter the approved plans and specifications without authorization of the Building Official. The stamping of these plans and specifications SHALL NOT be held to permit nor approve the violation of any City, County, State, or Federal laws, or restrictions.



8/30/2023, 10:42:27 AM

PRJ-1045942

Nikolia Samantovic

BDS 1: 2021-11-01

BDS 2: 2022-08-11

AMMR 1: 2022-10-21

BDS 3: 2022-11-14

AMMR 2: 2022-12-12

BDS 4: 2023-02-28

A D E F G J L M



88'-8" A.F.F. ELEVATOR ROOF
84'-8" A.F.F. STAIR ROOF
78'-0" F.F. T.O. PARAPET
74'-0" F.F. ROOF
9'-0" A.F.F. (TYP) CEILING
8'-0" A.F.F. (TYP) DOOR / WINDOW HEAD
3'-6" A.F.F. (TYP.) WINDOW SILL
63'-10" F.F. LEVEL 7
9'-0" A.F.F. (TYP) CEILING
8'-0" A.F.F. (TYP) DOOR / WINDOW HEAD
3'-6" A.F.F. (TYP.) WINDOW SILL
53'-8" F.F. LEVEL 6
9'-0" A.F.F. (TYP) CEILING
8'-0" A.F.F. (TYP) DOOR / WINDOW HEAD
3'-6" A.F.F. (TYP.) WINDOW SILL
43'-6" F.F. LEVEL 5
9'-0" A.F.F. (TYP) CEILING
8'-0" A.F.F. (TYP) DOOR / WINDOW HEAD
3'-6" A.F.F. (TYP.) WINDOW SILL
33'-4" F.F. LEVEL 4
9'-0" A.F.F. (TYP) CEILING
8'-0" A.F.F. (TYP) DOOR / WINDOW HEAD
3'-6" A.F.F. (TYP.) WINDOW SILL
23'-2" F.F. LEVEL 3
9'-0" A.F.F. (TYP) CEILING
8'-0" A.F.F. (TYP) DOOR / WINDOW HEAD
3'-6" A.F.F. (TYP.) WINDOW SILL
13'-0" F.F. LEVEL 2
12'-0" A.F.F. (TYP) CEILING
8'-0" A.F.F. (TYP) DOOR / WINDOW HEAD
0'-0" F.F. LEVEL 1

WEST ELEVATION 1
3/16" = 1'-0"
0' 4' 8'

- General Notes**
- REFERENCE POINTS: VERTICAL DIMENSIONS ARE TO TOP OF JOINTS AND REVEALS, U.O.N.
 - METAL FINISHES: ALL EXTERIOR STEEL AND MISCELLANEOUS METALS SHALL BE HOT DIP GALVANIZED AND PAINTED, U.O.N.
 - INSULATION: PROVIDE THE FOLLOWING R-VALUES AT EXTERIOR WALLS AND ROOF CONSTRUCTION SURROUNDING CONDITIONED SPACES IN THE BUILDING ENVELOPE U.O.N., ROOFS: R-30, WALLS: R-19, FLOOR OVERHANGS: R-19.
 - WEATHER-TIGHTNESS: ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED.
 - PREMISES IDENTIFICATION: ADDRESS NUMERALS SHALL BE PLACED IN SUCH A POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. 12" HIGH NUMERALS WITH 11/2" WIDE STROKE WIDTH U.N.O.

- Keynotes**
- EXTERIOR STUCCO - MICRO SAND FINISH, COLOR: WHITE TBD
 - EXTERIOR STUCCO - MICRO SAND FINISH, COLOR: DARK GRAY TBD
 - CEMENT BOARD SIDING - COLOR TAN TBD
 - CORRUGATED METAL, COLOR: DISTRESSED BRONZE TBD
 - CONCRETE WALL - NATURAL FORMWORK
 - ALUMINUM PANELING TO MATCH WINDOW/DOOR FRAMES, COLOR: BLACK TBD
 - WINDOWS/DOORS - ALUMINUM, MANUFACTURER TBD, COLOR: BLACK
 - TRELLIS - EXTRUDED ALUMINUM FRAME , COLOR: WOOD GRAIN



120' W x 40' L x 20' H

120' W x 40' L x 20' H

100' W x 90' L x 30' H

145' W x 90' L x 88' 8" H

55' W x 65' L x 20' H

150' W x 40' L x 20' H

 Generator Location