

Natel Energy PLN24-0059 Figures and Renderings

STREET VIEW 1, FACING WEST.
PROPOSED



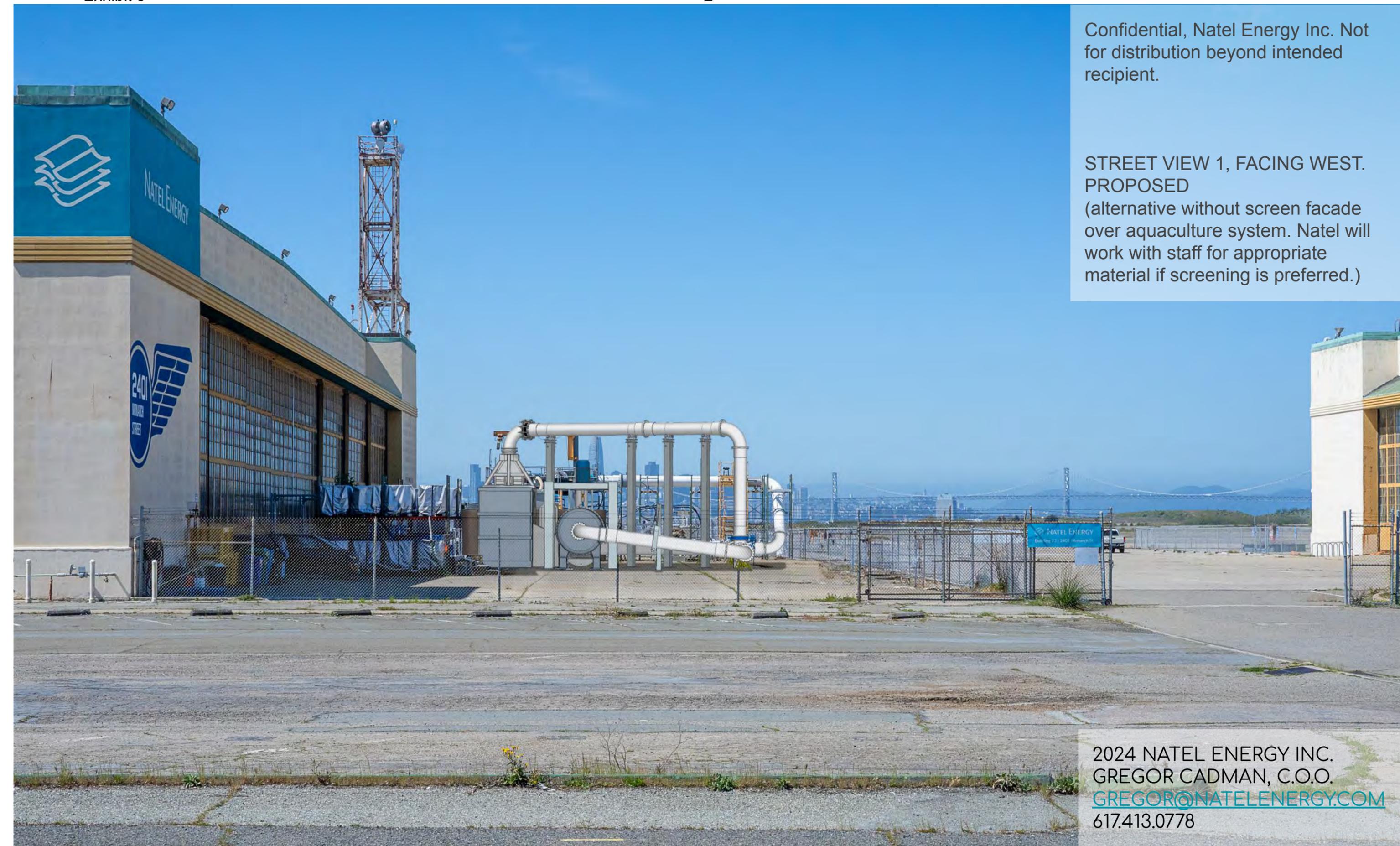
Exhibit 2
Item 5-A, April 22, 2024
Planning Board Meeting

2024 NATEL ENERGY INC.
GREGOR CADMAN, C.O.O.
GREGOR@NATELENERGY.COM
617.413.0778

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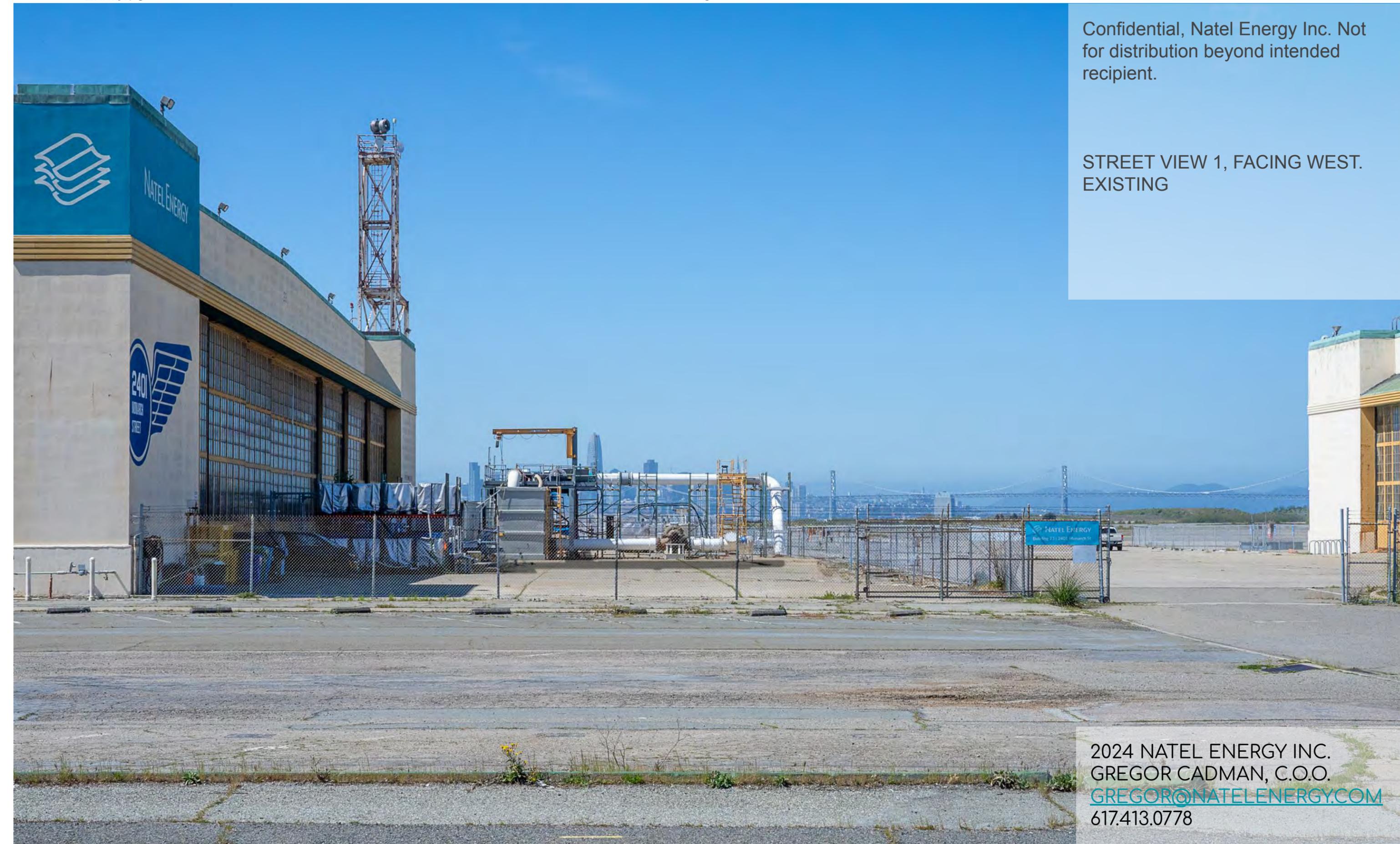
(alternative without screen facade over aquaculture system. Natel will work with staff for appropriate material if screening is preferred.)



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STREET VIEW 1, FACING WEST. EXISTING



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STREET VIEW 2, FACING WEST.
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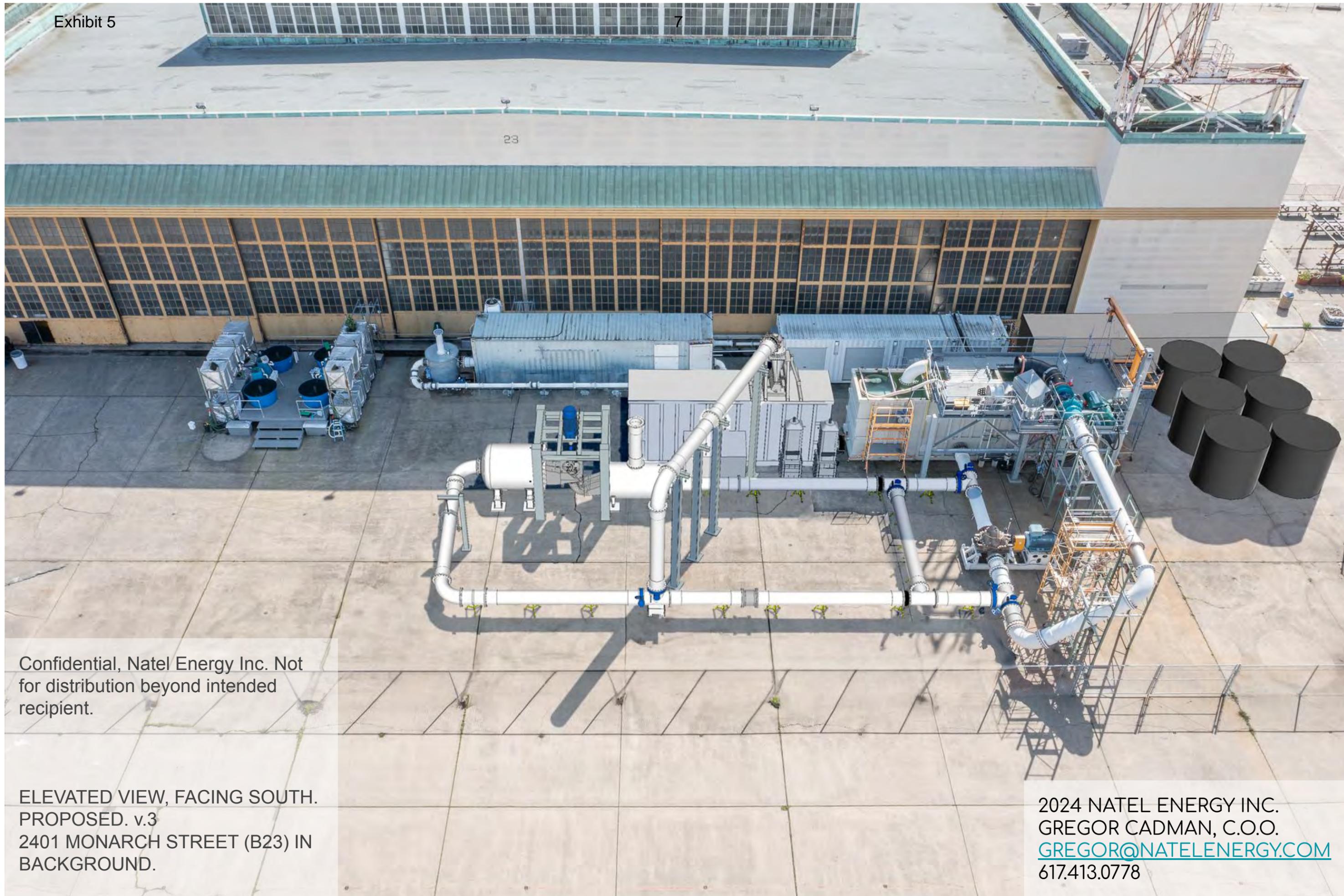
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STREET VIEW 2, FACING WEST. EXISTING



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ELEVATED VIEW, FACING SOUTH.
PROPOSED. v.3
2401 MONARCH STREET (B23) IN
BACKGROUND.

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GREGOR CADMAN, C.O.O.
GREGOR@NATELENERGY.COM
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PLAN VIEW, NORTH UP.
PROPOSED. v.3
2401 MONARCH STREET (B23) IN
LOWER FRAME.



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VA Alameda Point Site Entrance

PROPERTY LINE (APPROX.)

MIDWAY AVENUE

|GATE|

FENCELINE (EXISTING)

|GATE|



PROPOSED EQUIPMENT

Natel Energy



NORTH

200'

100'

2401 MONARCH (BUILDING 23)

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GREGOR@NATELENERGY.COM
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NATEL ENERGY PROPOSED SITE PLAN
 INTERMEDIATE SCALE VIEW v.2
 IMAGE SOURCE: GOOGLE MAPS

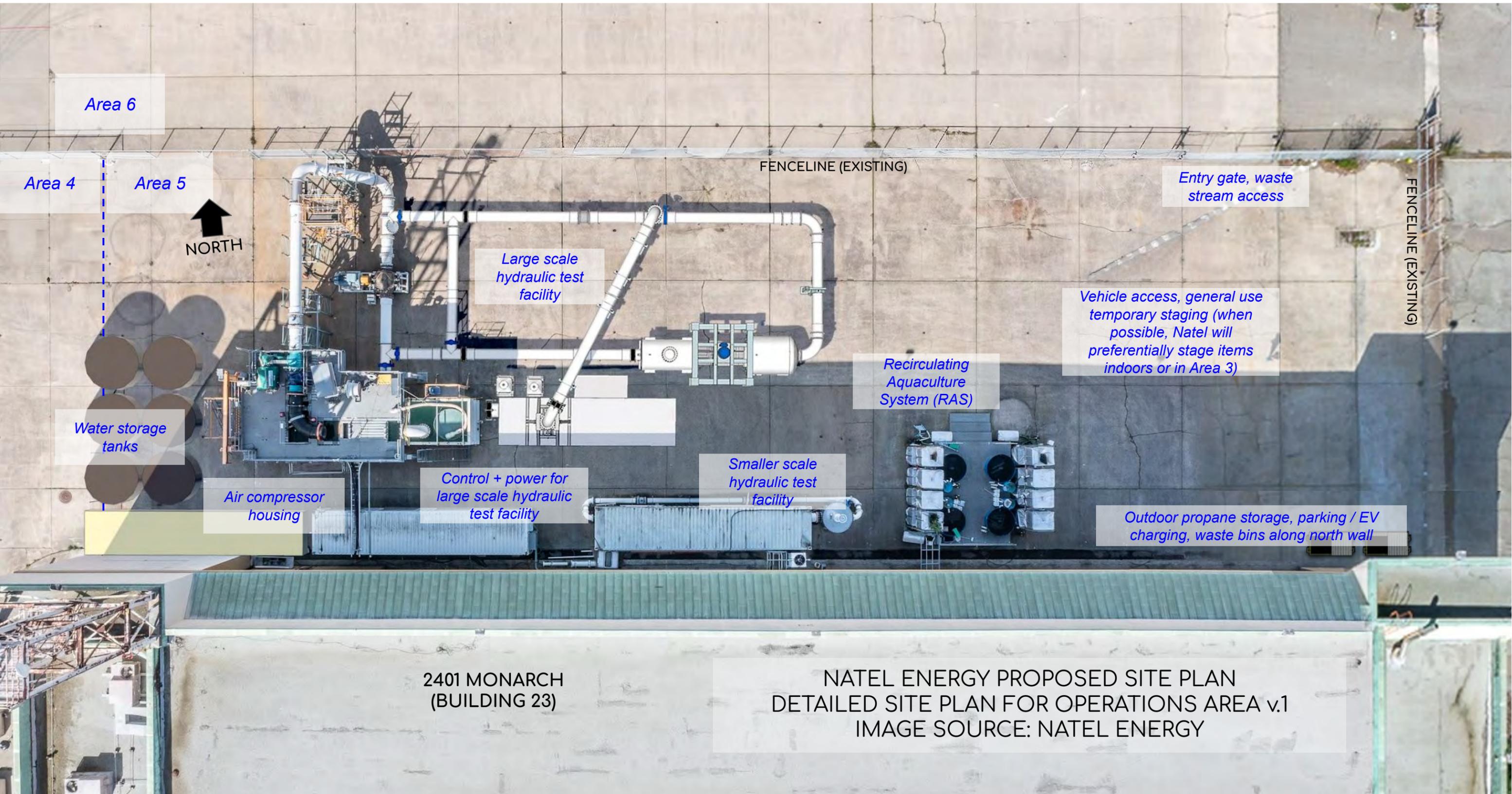
Monarch St

PUBLIC ROAD (MONARCH ST)
Monarch St

Monarch St

h St





Area 6

Area 4

Area 5



FENCELINE (EXISTING)

FENCELINE (EXISTING)

Entry gate, waste stream access

Large scale hydraulic test facility

Vehicle access, general use temporary staging (when possible, Natel will preferentially stage items indoors or in Area 3)

Recirculating Aquaculture System (RAS)

Water storage tanks

Air compressor housing

Control + power for large scale hydraulic test facility

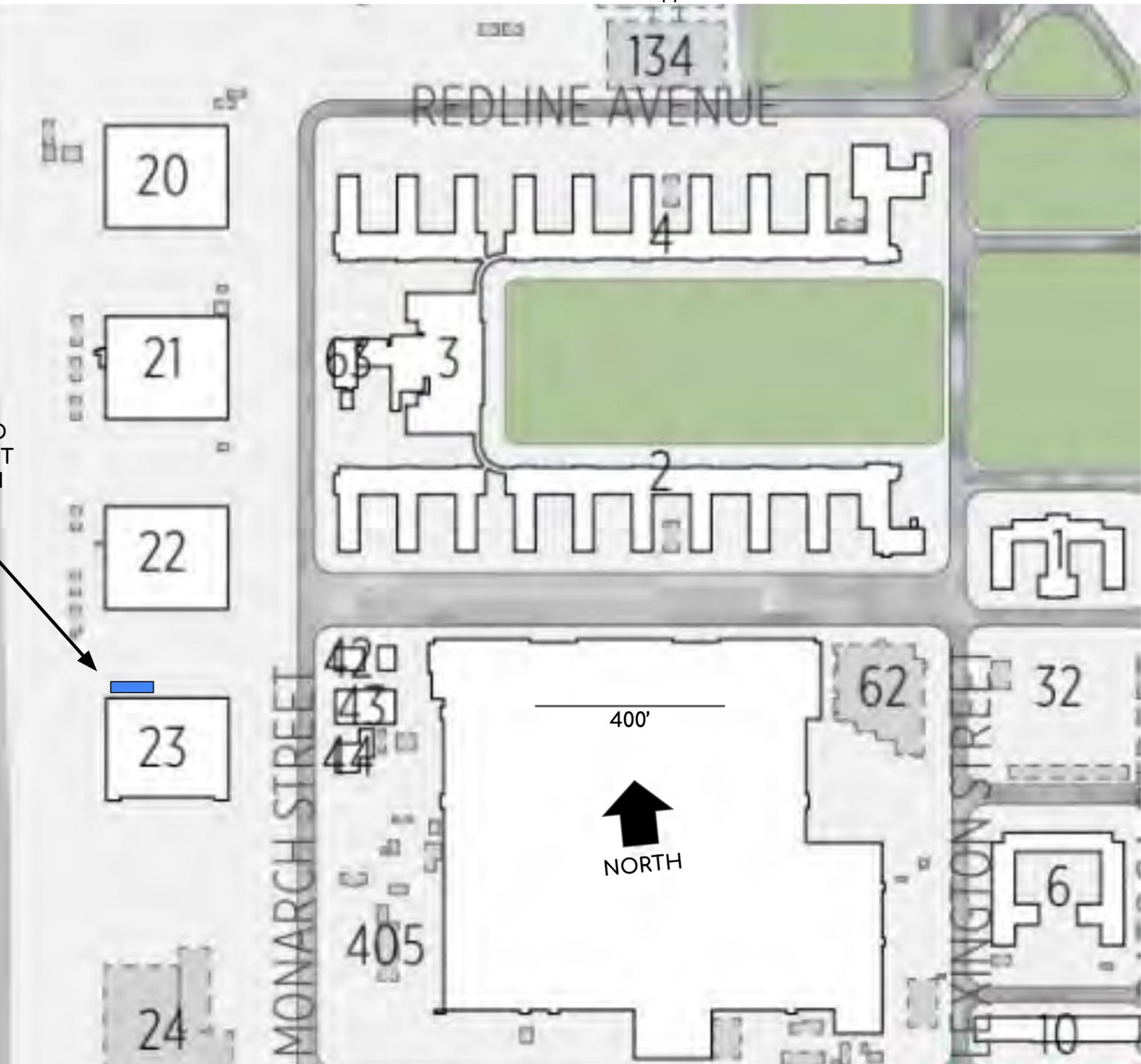
Smaller scale hydraulic test facility

Outdoor propane storage, parking / EV charging, waste bins along north wall

2401 MONARCH (BUILDING 23)

NATEL ENERGY PROPOSED SITE PLAN
DETAILED SITE PLAN FOR OPERATIONS AREA v.1
IMAGE SOURCE: NATEL ENERGY

PROPOSED
EQUIPMENT
LOCATION

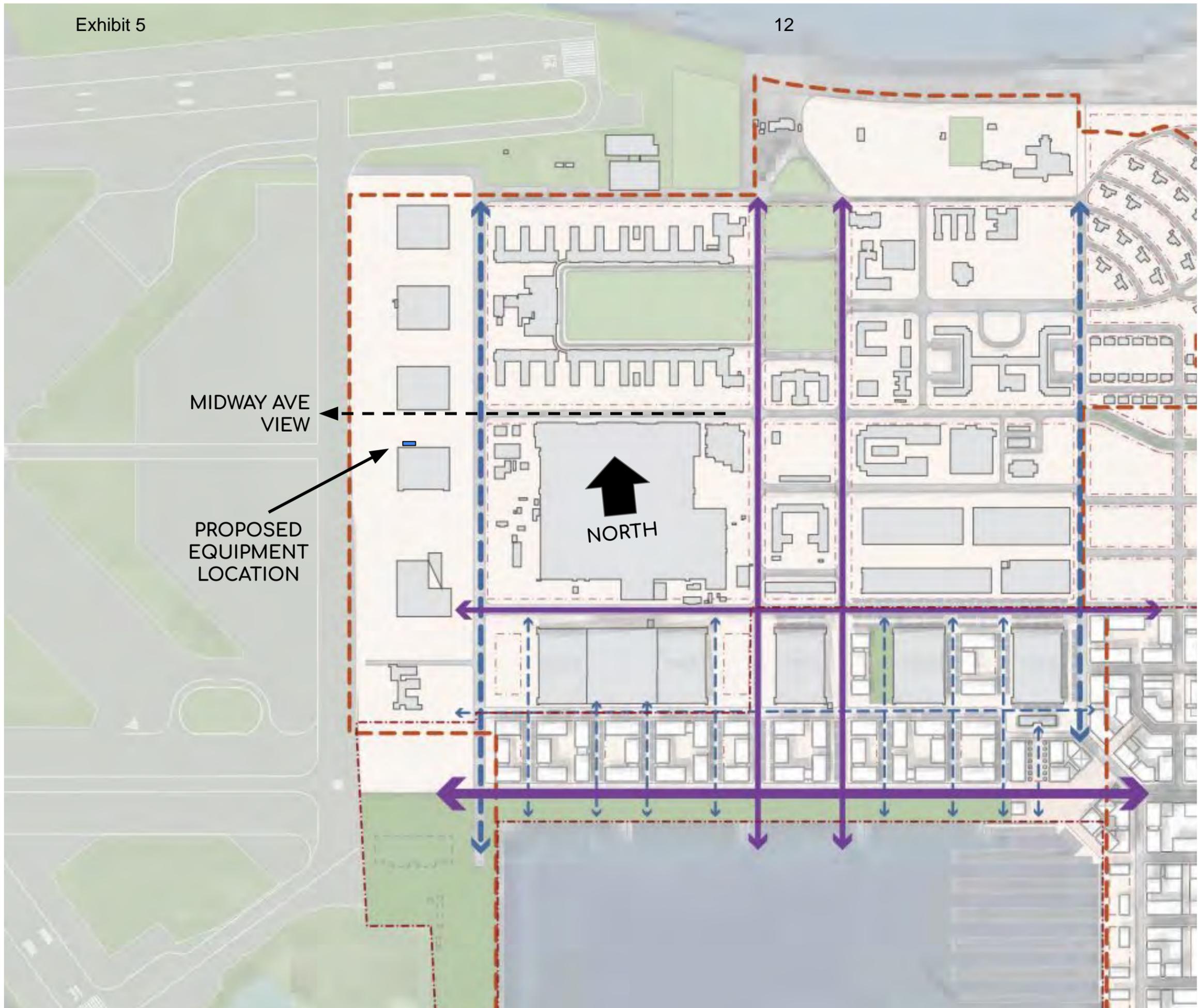


NATEL ENERGY PROPOSED
SCALE TEST MODEL
EQUIPMENT - LOCATION

WIDE SCALE VIEW v.2

IMAGE SOURCE: CITY OF
ALAMEDA

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GREGOR CADMAN, C.O.O.
GREGOR@NATELENERGY.COM
617.413.0778



NATEL ENERGY PROPOSED
SCALE TEST MODEL
EQUIPMENT - LOCATION
RELATIVE TO VIEW CORRIDORS

VIEW CORRIDOR OVERLAY v.2
GBC

IMAGE SOURCE: CITY OF
ALAMEDA, ALAMEDA POINT
PRECISE PLAN

MIDWAY AVE
VIEW

PROPOSED
EQUIPMENT
LOCATION

NORTH

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GREGOR CADMAN, C.O.O.
GREGOR@NATELENERGY.COM
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PROPERTY LINE (APPROX.)

Area 6

FENCELINE (EXISTING)

|GATE|

32'

|GATE|

258'

76'

Area 4

Area 5

LOT USE AREA DIAGRAM
SEE TABLE 1 IN PERMIT APPLICATION

Area 3

Area 1



NORTH

100'

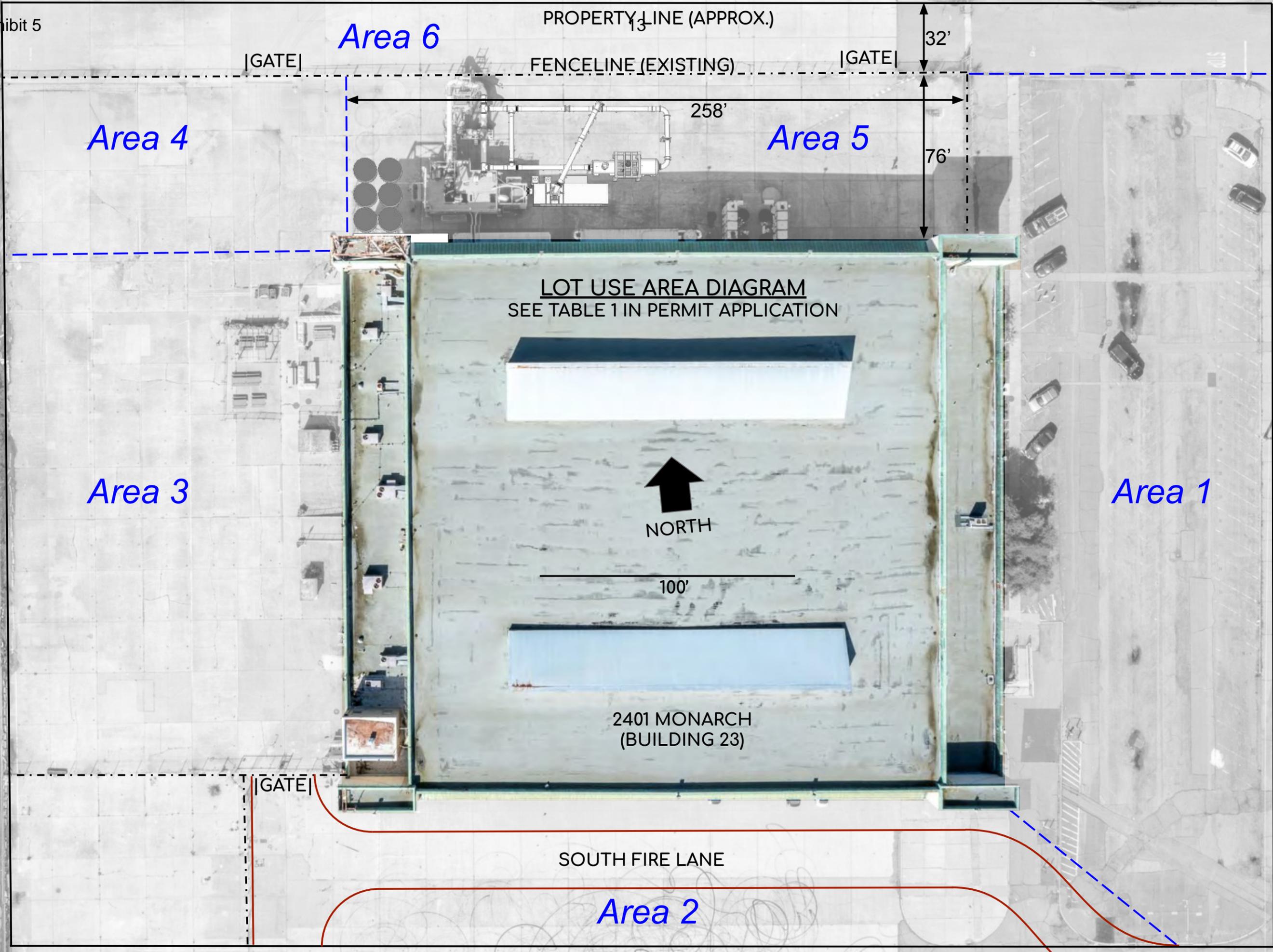
2401 MONARCH
(BUILDING 23)

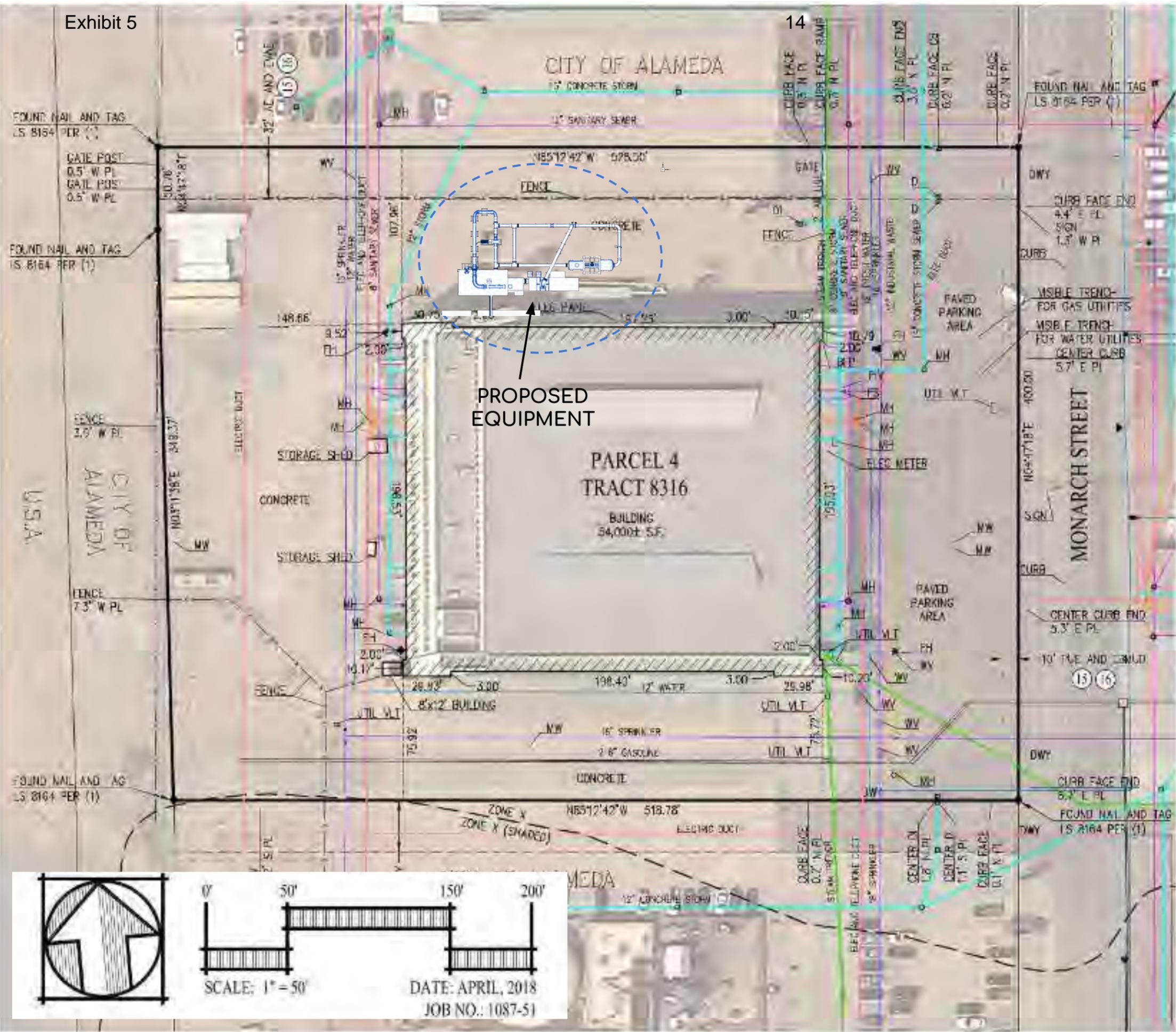
SOUTH FIRE LANE

Area 2

|GATE|

PUBLIC ROAD (MONARCH ST)





NATEL ENERGY PROPOSED SCALE TEST MODEL EQUIPMENT - LOCATION

ALTA SURVEY OVERLAY v.2

IMAGE SOURCE: CITY OF ALAMEDA 2018 ALTA SURVEY

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 GREGOR CADMAN, C.O.O.
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 617.413.0778

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	0.0	INITIAL RELEASE	20240131	RJS
	0.1	EASTWARD EXPANSION	20240325	RJS

PLANNING DEPARTMENT SUBMISSION FOR REVIEW BY NATEL ENERGY INC. - MARCH 26, 2024

PROPOSED
TOP VIEW

PROPOSED SCALE MODEL HYDRAULIC TEST EQUIPMENT

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GREGOR CADMAN, C.O.O.
GREGOR@NATELENERGY.COM
617.413.0778

A

A

B

B

C

C

D

D

E

E

F

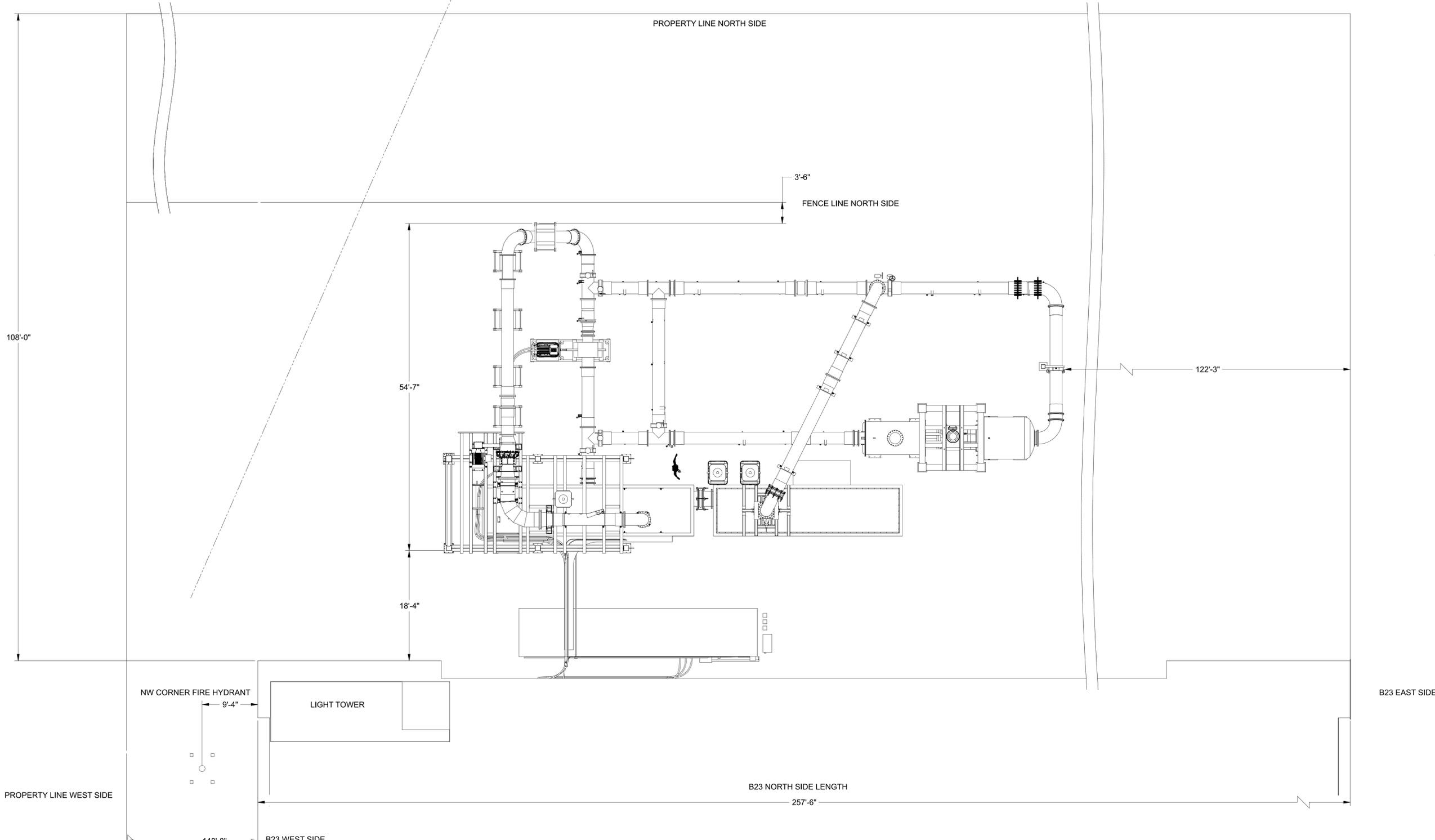
F

G

G

H

H



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OUTDOOR HYDRAULIC TURBINE TEST EQUIPMENT FOR SCALE MODEL PERFORMANCE TESTING IN ACCORDANCE WITH INTERNATIONAL STANDARDS. EQUIPMENT CONSISTS OF MULTIPLE WATER STORAGE TANKS OF A TOTAL CAPACITY OF APPROX. 30,000 GALLONS; A PUMP, PUMP MOTOR, AND VARIABLE FREQUENCY DRIVE SYSTEM; PIPING; AND TURBINE TEST LOCATIONS, INSTRUMENTATION, AND CALIBRATION EQUIPMENT. ELEVATED WORK PLATFORMS FOR TURBINE TESTING ARE INCORPORATED.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN ENGLISH UNITS.		DRAFTER	RJS	INFORMATION DISCLOSED HEREIN IS THE PROPERTY OF NATEL. IT IS FURNISHED FOR EVALUATION PURPOSES ONLY AND SHALL NOT BE DISCLOSED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF NATEL. DUPLICATION OF ANY PORTION OF THIS DATA SHALL INCLUDE THIS LEGEND.	
THIRD ANGLE PROJECTION		CHECKER	GBC		
		ENGINEER	RJS		
3D CAD MASTER PART NAME		TITLE		NATEL TEST STRUCTURE TOP VIEW	
153560-E002-SYSTEM-LOOP_ASM.0.5		SIZE	STATUS	DWG NO	REV
		24x36		153560	A
		SCALE 1/8 IN:1 FT	MASS	SHEET 1 OF 3	

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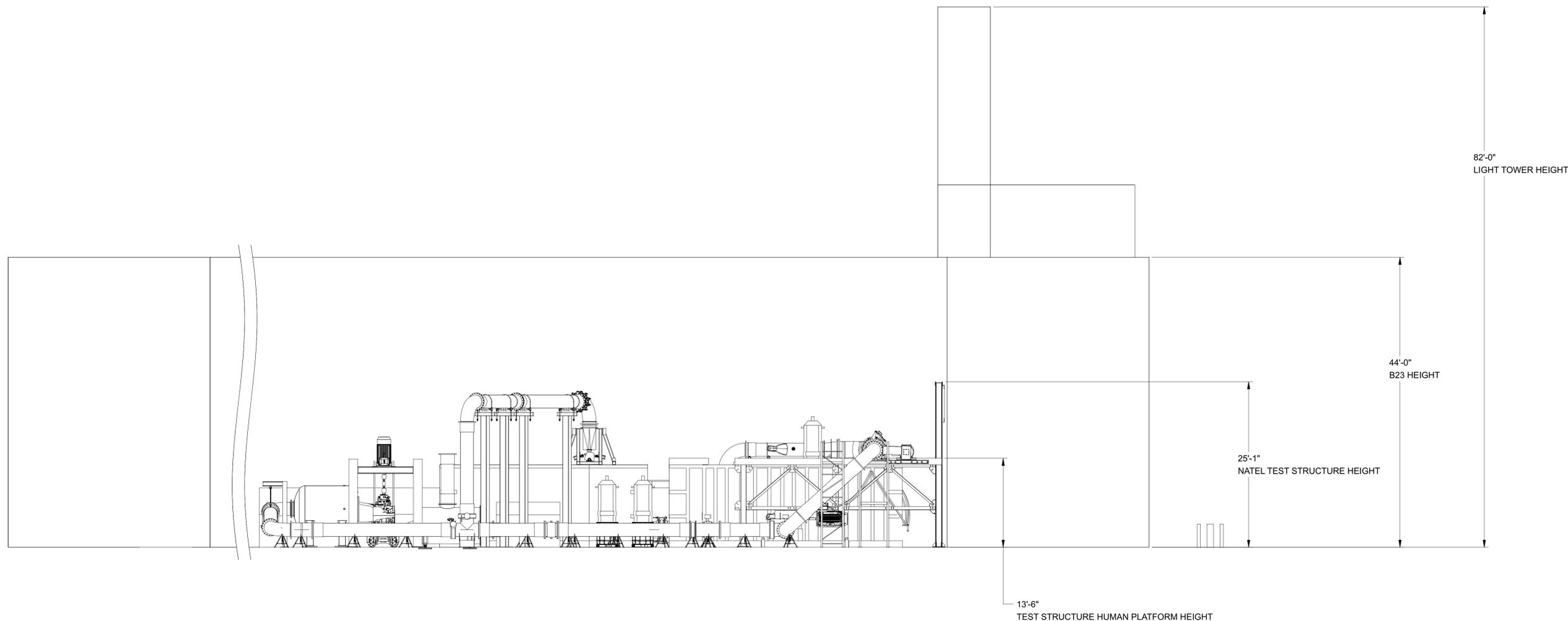
PROPOSED SCALE MODEL HYDRAULIC TEST EQUIPMENT

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ZONE	REV	DESCRIPTION	DATE	APPROVED
	0.0	INITIAL RELEASE	20240131	RJS
	0.1	EASTWARD EXPANSION	20240324	RJS

PROPOSED

SOUTH FACING VIEW



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THIRD ANGLE PROJECTION		TITLE		NATEL TEST STRUCTURE SOUTH FACE
3D CAD MASTER PART NAME		SIZE	STATUS	DWG NO
153560-E002-SYSTEM-LOOP_ASM.0.5		24x36		153560
		SCALE 1/8 IN:1 FT	MASS	SHEET 2 OF 3
		REV	B	

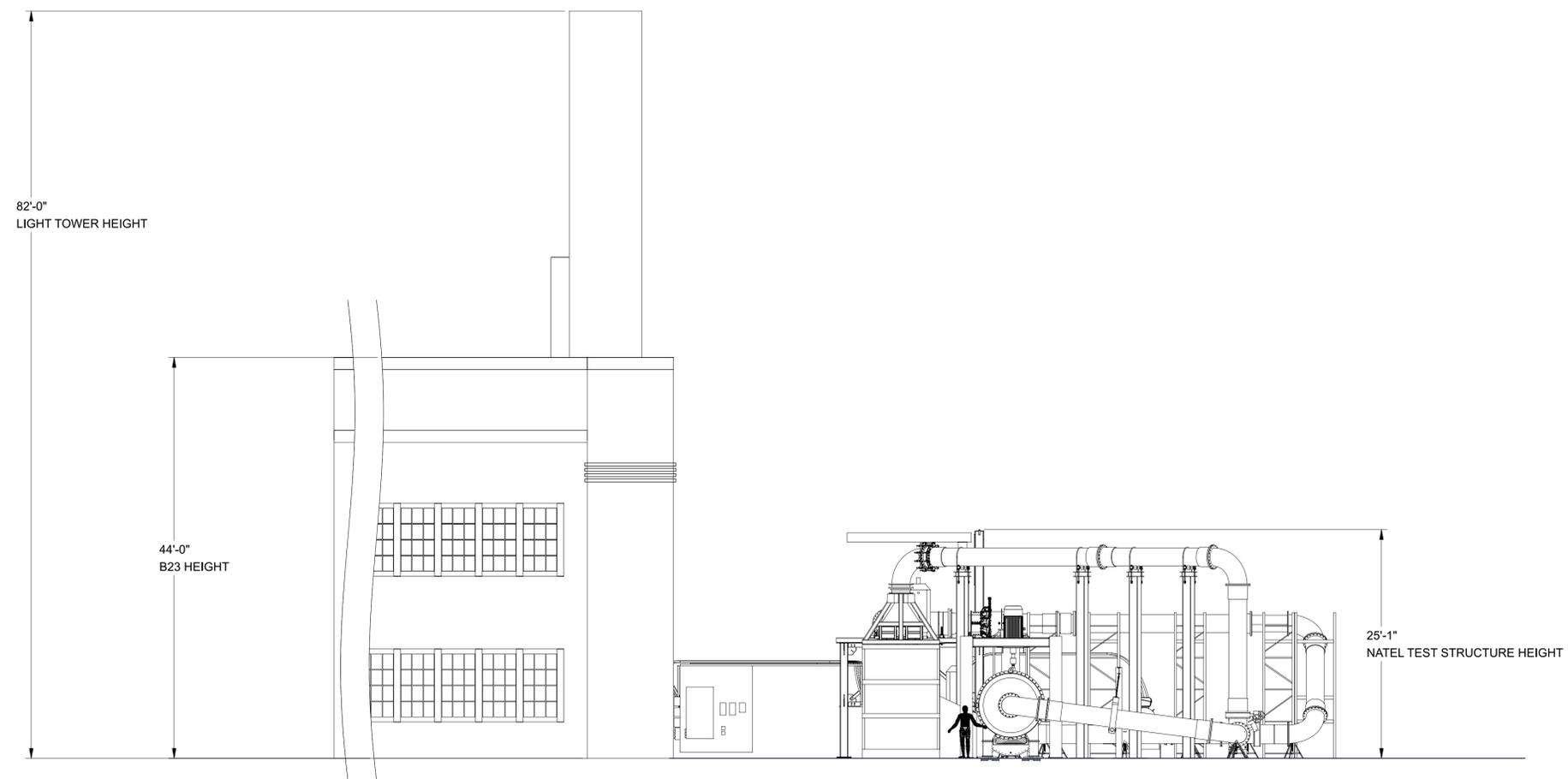
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PROPOSED SCALE MODEL HYDRAULIC TEST EQUIPMENT

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ZONE	REV	DESCRIPTION	DATE	APPROVED
	0.0	INITIAL RELEASE	20240131	RJS
	0.1	EASTWARD EXPANSION	20240325	RJS

PROPOSED
WEST FACING VIEW



OUTDOOR HYDRAULIC TURBINE TEST EQUIPMENT FOR SCALE MODEL PERFORMANCE TESTING IN ACCORDANCE WITH INTERNATIONAL STANDARDS. EQUIPMENT CONSISTS OF MULTIPLE WATER STORAGE TANKS OF A TOTAL CAPACITY OF APPROX. 30,000 GALLONS; A PUMP, PUMP MOTOR, AND VARIABLE FREQUENCY DRIVE SYSTEM; PIPING; AND TURBINE TEST LOCATIONS, INSTRUMENTATION, AND CALIBRATION EQUIPMENT. ELEVATED WORK PLATFORMS FOR TURBINE TESTING ARE INCORPORATED.

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3D CAD MASTER PART NAME		SIZE	STATUS	DWG NO
153560-E002-SYSTEM-LOOP_ASM.0.5		24x36		153560
		SCALE 1/8 IN:1 FT	MASS	SHEET 3 OF 3