

Attachment No. PC 3

Project Plans

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ARCHAEA ENERGY

COYOTE CANYON LANDFILL RNG PROJECT

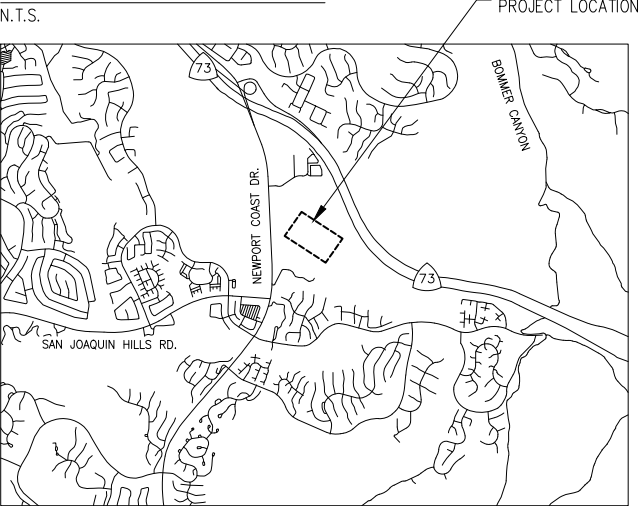
20662 NEWPORT COAST DRIVE

NEWPORT BEACH, CA 92657

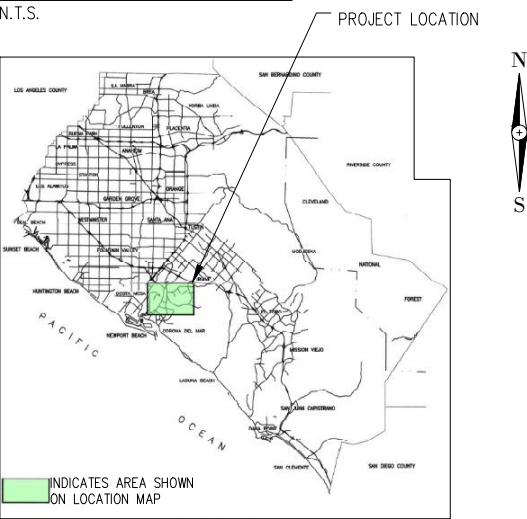
PROJECT INFORMATION

OWNER/ APPLICANT	BIOFUELS COYOTE CANYON BIOGAS, LLC 4444 WESTHEIMER ROAD, SUITE G450 HOUSTON, TX 77027 Ph: (346) 708-8272	PROJECT DESCRIPTION	LANDFILL GAS UPGRADING FACILITY
ENGINEER	BIOGAS ENGINEERING INC. 2321 E. 28TH STREET, SUITE 400, SIGNAL HILL, CA 90755 Ph: (562) 726-3565	ELECTRICAL ENGINEER	ASPLUNDH ENGINEERING ASSOCIATES, PC 708 BLAIR MILL ROAD WILLOW GROVE, PA 19090 Ph: (877) 844-5426
SURVEYOR	D.WOOLLEY & ASSOCIATES 2832 WALNUT AVENUE, SUITE A TUSTIN, CA 92780 (714) 734-8462 FAX (714) 508-7521	GEOTECHNICAL ENGINEER	TBD
SITE WORK ENGINEER	TBD		

LOCATION MAP



VICINITY MAP



OCCUPANCY CATEGORY

GAS PROCESSING STRUCTURES	: - H-2
GAS PROCESSING EQUIPMENT	: - H-2
POWER DISTRIBUTION CENTER	: - S-2

ASSESSOR PARCEL NUMBER

PORTION OF 478-03-071

TOTAL DISTURBED AREA

TOTAL SITE DISTURBED AREA - 0.884 ACRES (APPROX.)

BENCHMARK

THIS PROJECT IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) GPS DERIVED. STATIONS AND RESPECTIVE ELEVATIONS CONSTRAINED TO ARE:

LGWD GRID ELEVATION = 398.32' (ELLIPSOID HEIGHT = 293.3337")

BUILDING SQUARE FOOTAGE

TOTAL BUILDING AREA	- 1552 SQFT
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CONSTRUCTION TYPE

(PER CBC CHAPTER 6 SECTION 602)

PIPE RACK	: -	II B SITE FABRICATED STEEL STRUCTURE
GAS PROCESSING EQUIPMENT	: -	II B MANUFACTURER SUPPLIED EQUIPMENT
POWER DISTRIBUTION CENTER	: -	II B (PRE FABRICATED MODULAR STEEL BUILDING)
H2S VESSEL & CONDENSATE TANK	: -	II B

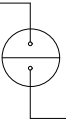
OCCUPANCY LOAD MAX.

(PER CBC CHAPTER 10 SECTION 1004.1)

POWER DISTRIBUTION CENTER	: - 3
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DETAIL CROSS REFERENCING CONVENTION

'SECTION' OR 'DETAIL' IDENTIFICATION LETTER
OR NUMBER



SHEET NUMBER ON WHICH
'SECTION' OR 'DETAIL' IS DRAWN
OR SHEET NUMBER WHERE
SECTION OR DETAIL IS TAKEN FROM

TOPOGRAPHY NOTE:
BASED ON TOPO FURNISHED BY D.WOOLLEY & ASSOCIATES
DATE: 07-28-2022.

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REV	DATE	DESCRIPTION	DRN BY	CHK BY	APRV BY
1.0	08/11/2022	ISSUED FOR CUP	AK	TP	AG
2.0	03/20/2023	ISSUED FOR 60% DESIGN REVIEW	SS	TP	AG

OWNER:

 **ARCHAEA
ENERGY**

4444 WESTHEIMER ROAD, SUITE G450
HOUSTON, TX 77027
Ph: (346) 708-8272

ENGINEER:

 **BIOGAS
ENGINEERING**

2321 E. 28TH STREET, SUITE 400
SIGNAL HILL, CA 90755, Ph: (562) 726-3565
EMAIL: INFO@BIOGASENG.COM

TITLE SHEET	
COYOTE CANYON LANDFILL RNG PROJECT 20662 NEWPORT COAST DRIVE NEWPORT BEACH, CA 92657	DRAWING NO. TS

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ARCHAEA ENERGY

COYOTE CANYON LANDFILL RNG PROJECT

20662 NEWPORT COAST DRIVE

NEWPORT BEACH, CA 92657


GENERAL INDEX SHEET

General Drawings

Sr No	Drawing No	Description	Date	Rev
1	TS	TITLE SHEET	03/20/2023	2
2	G0.00	COVER SHEET	03/20/2023	2
3	G0.01	GENERAL INDEX SHEET	03/20/2023	2
4	G2.00	SITE PLAN	03/20/2023	4
5	G2.01	RIGHT-OF-WAYS/RESTRICTIONS	03/20/2023	2
6	G2.02	UTILITIES PLAN	03/20/2023	2
7	G2.03	LEASE AREA LEGAL DESCRIPTION & PLAT	03/20/2023	2
8	G2.04	TOPOGRAPHIC SURVEY (SH 1 OF 2)	03/20/2023	2
9	G2.05	TOPOGRAPHIC SURVEY (SH 2 OF 2)	03/20/2023	2
10	G2.06	TOPOGRAPHIC SURVEY (SH 3 OF 3)	03/20/2023	2
11	G3.01	AREA CLASSIFICATION FOR RNG (SCG NOT INCLUDED)	03/20/2023	1
12	G3.02	DEMOLITION PLAN	03/20/2023	1
13	G4.01	PLANT ELEVATION VIEW SOUTH ELEVATION-LOOKING PLAN NORTH	03/20/2023	2
14	G4.02	PLANT ELEVATION VIEW NORTH ELEVATION-LOOKING PLAN SOUTH	03/20/2023	2
15	G4.03	PLANT ELEVATION VIEW EAST ELEVATION-LOOKING PLAN WEST	03/20/2023	2
16	G4.04	PLANT ELEVATION VIEW WEST ELEVATION-LOOKING PLAN EAST	03/20/2023	2
17	G5.01	SoCalGas POINT OF RECEIPT P&ID - LEGEND & PRESSURE BLOCK	03/20/2023	2
18	G5.02	SoCalGas POINT OF RECEIPT P&ID - ODORIZER SYSTEM	03/20/2023	2
19	G5.03	SoCalGas POINT OF RECEIPT SITE PLAN	03/20/2023	2
20	G5.04	SoCalGas POINT OF RECEIPT PLOT PLAN	03/20/2023	2
21	G6.00	EXISTING PIPES & CABLES (FOR UG SERVICES SURVEY)	03/20/2023	2
22	G6.01	FIRE MASTER PLAN	03/20/2023	2


REV	DATE	DESCRIPTION	DRN BY	CHK BY	APRV BY
1.0	10/20/2022	ISSUED FOR 30% SUBMITTAL	SK	TP	TW
2.0	03/20/2023	ISSUED FOR 60% DESIGN REVIEW	SS	TP	AG

OWNER:

ARCHAEA ENERGY

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ENGINEER:

BIOGAS ENGINEERING

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GENERAL INDEX SHEET

COYOTE CANYON LANDFILL
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20662 NEWPORT COAST DRIVE
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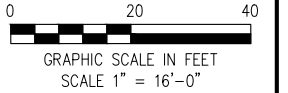
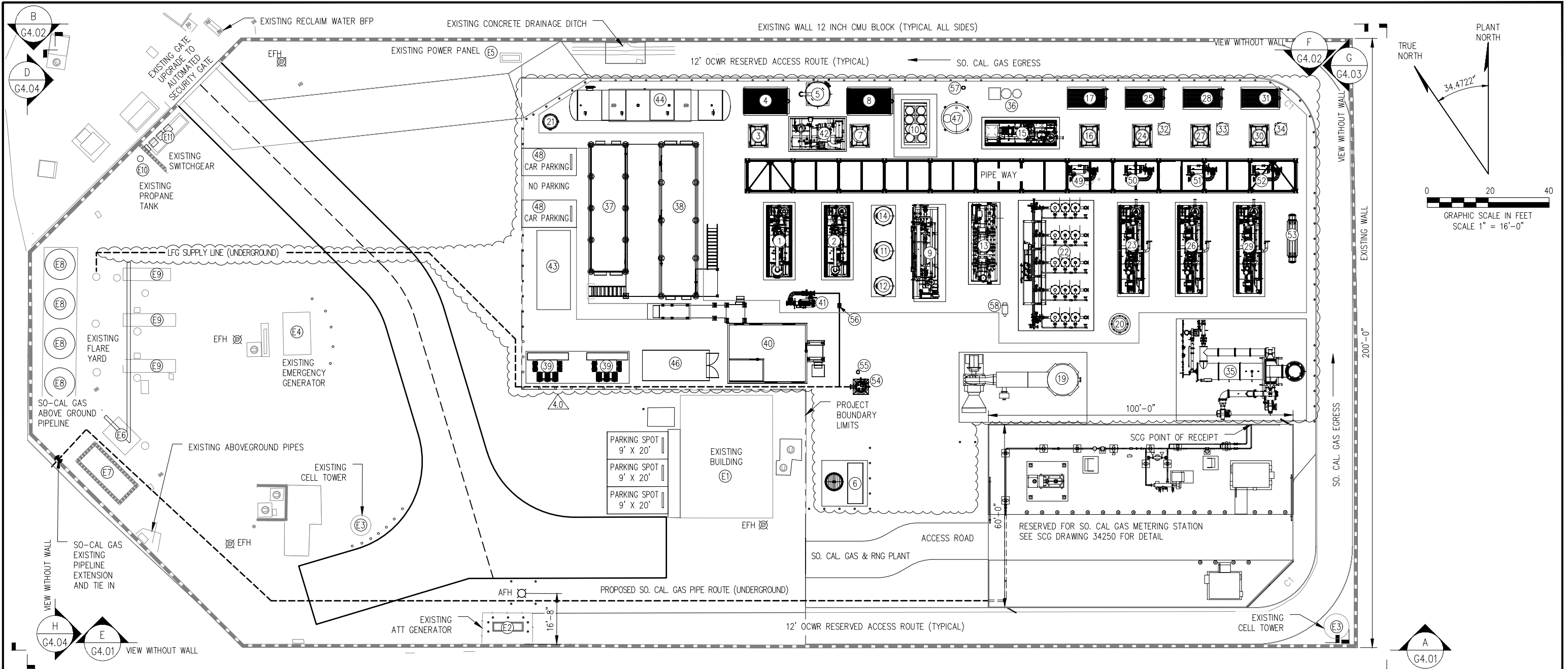


TABLE 1:-
EQUIPMENT LIST

S.NO.	DESCRIPTION
1	TYPE #1 FEED COMPRESSOR
2	TYPE #2 FEED COMPRESSOR
3	TYPE #1 COMPRESSOR FEED OIL COOLER
4	TYPE #1 COMPRESSOR FEED AFTERCOOLER
5	H2S REMOVAL VESSEL
6	LN2 PAD
7	TYPE #2 FEED COMPRESSOR OIL COOLER
8	TYPE #2 FEED COMPRESSOR AFTERCOOLER
9	TSA PRE-TREATMENT SKID
10	CHILLER
11	TSA ADSORBER VESSEL A (6' DIA.)
12	TSA ADSORBER VESSEL B (6' DIA.)
13	MEMBRANE SKID
14	VOC POLISHING VESSEL
15	TYPE #1 RECYCLE COMPRESSOR
16	TYPE #1 RECYCLE COMPRESSOR OIL COOLER
17	TYPE #1 RECYCLE COMPRESSOR AFTERCOOLER
18A	DEOXO SKID
18B	DEOXO DRYER
18C	DEOXO AFTERCOOLER

TABLE 1:-
EQUIPMENT LIST

S.NO.	DESCRIPTION
19	OFF-SPECIFICATION GAS FLARE
20	NRU BUFFER VESSEL
21	COMPRESSED AIR RECEIVER
22	NRU W/ADSORBERS
23	#1 NRU VAC. RINSE SKID
24	#1 NRU VAC. RINSE OIL COOLER
25	#1 NRU VAC. RINSE AFTERCOOLER
26	#2 NRU VAC. RINSE SKID
27	#2 NRU VAC RINSE OIL COOLER
28	#2 NRU VAC. RINSE AFTERCOOLER
29	#3 NRU VAC. RINSE SKID
30	#3 NRU VAC. RINSE OIL COOLER
31	#3 NRU VAC. RINSE AFTERCOOLER
32	#1 NRU DRYER VESSEL
33	#2 NRU DRYER VESSEL
34	#3 NRU DRYER VESSEL
35	THERMAL OXIDIZER
36	OILY WATER SEPARATOR
37	POWER DISTRIBUTION E-HOUSE
38	POWER DISTRIBUTION E-HOUSE BOP

TABLE 1:-
EQUIPMENT LIST

S.NO.	DESCRIPTION
39	TRANSFORMERS
40	OPERATOR/CONTROL SHELTER
41	STAGE #1 INLET PARTICULATE FILTER
42	H2S SKID
43	UTILITY INTERTIE SWITCHGEAR
44	TSA BLOWDOWN TANK 30,000 Gal
45	H2S GUARD BED
46	STORAGE CONTAINER
47	CONDENSATE TANK
48	PARKING AREA
49	NRU RINSE COMPRESSOR INLET FILTER A
50	NRU VACUUM COMPRESSOR INLET FILTER A
51	NRU RINSE COMPRESSOR INLET FILTER B
52	NRU VACUUM COMPRESSOR INLET FILTER B
53	HEAT EXCHANGER
54	LFG SUMP
55	SUMP CONDENSATE PUMP
56	FLOW METER
57	CONDENSATE TANK PUMP
58	GAS CHROMATOGRAPH

TABLE 2:-
EXISTING EQUIPMENTS

S.NO.	DESCRIPTION
E1	EXISTING BUILDING
E2	EXISTING ATT GENERATOR
E3	EXISTING CELL TOWER
E4	EXISTING EMERGENCY GENERATOR
E5	EXISTING POWER PANEL
E6	EXISTING PAD
E7	EXISTING TANK
E8	EXISTING FLARE
E9	EXISTING BLOWERS PAD
E10	EXISTING PROpane TANK
E11	EXISTING SWITCHGEAR

LEGENDS

EFH-EXISTING FIRE HYDRANT RETAINED	EFH
AFH-ADDED FIRE HYDRANT	AFH
GAS LINES	---
PROJECT BOUNDARY LIMITS	---
SO. CAL. GAS METERING STATION LIMITS	---

TOPOGRAPHY NOTE:
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DATE: 07-28-2022.

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1.0	08/11/2022	ISSUED FOR CUP	AK	TP	AG
2.0	09/23/2022		AK	TP	AG
3.0	12/16/2022	ISSUED FOR REVIEW	SS	TP	AG
4.0	03/20/2023	ISSUED FOR 60% DESIGN REVIEW	SS	TP	AG

OWNER:



4444 WESTHEIMER ROAD, SUITE G450
HOUSTON, TX 77027
Ph: (346) 708-8272

ENGINEER:



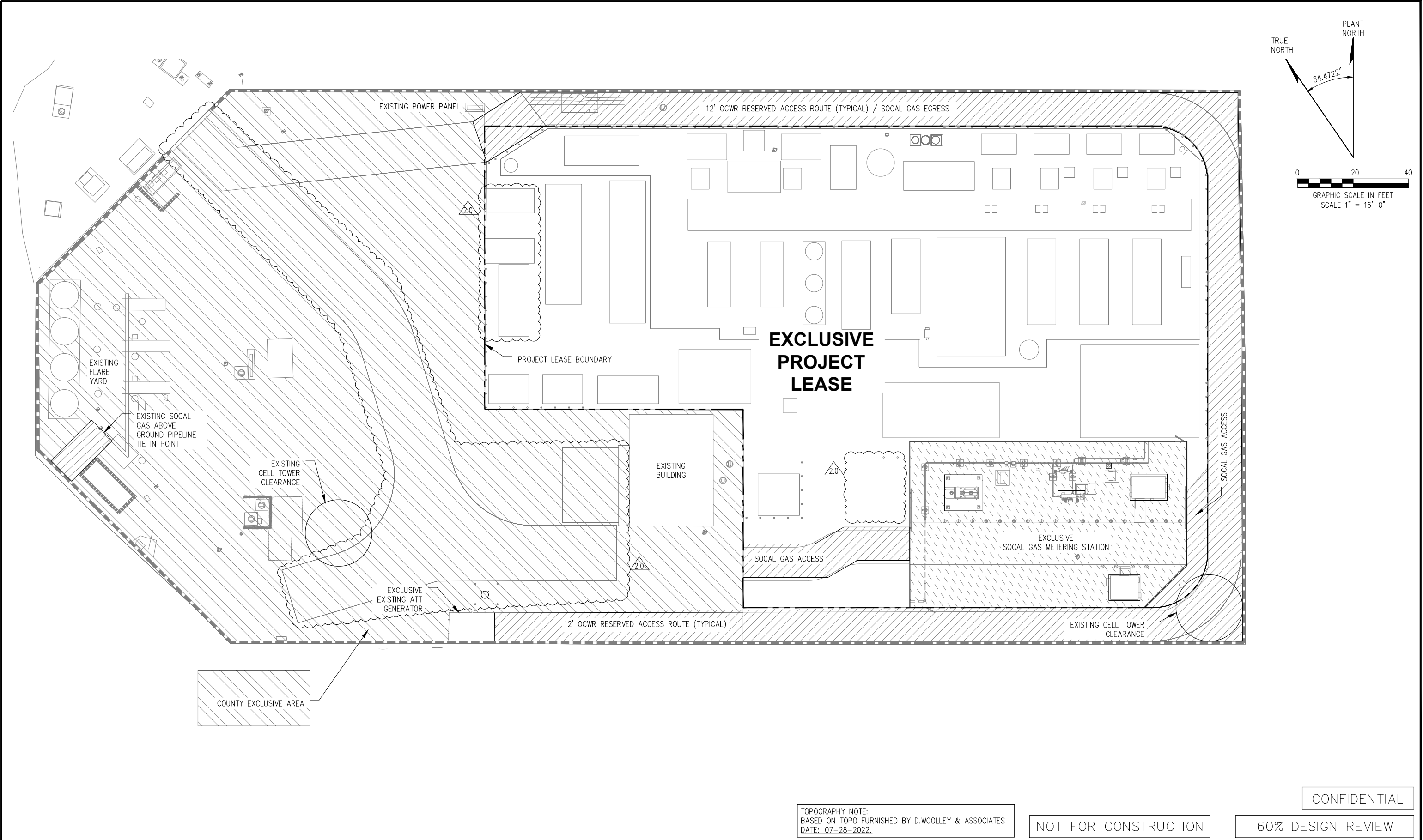
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SIGNAL HILL, CA 90755, Ph: (562) 726-3565
EMAIL: INFO@BIOGASENG.COM

SITE PLAN

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

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ENGINEER:  **BIOGAS ENGINEERING**

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RIGHT-OF-WAYS/RESTRICTIONS

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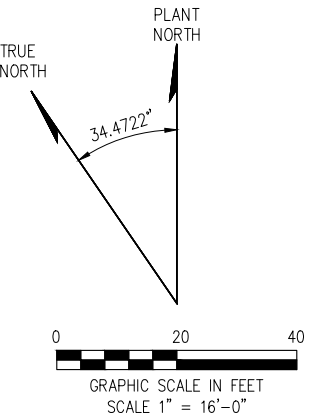
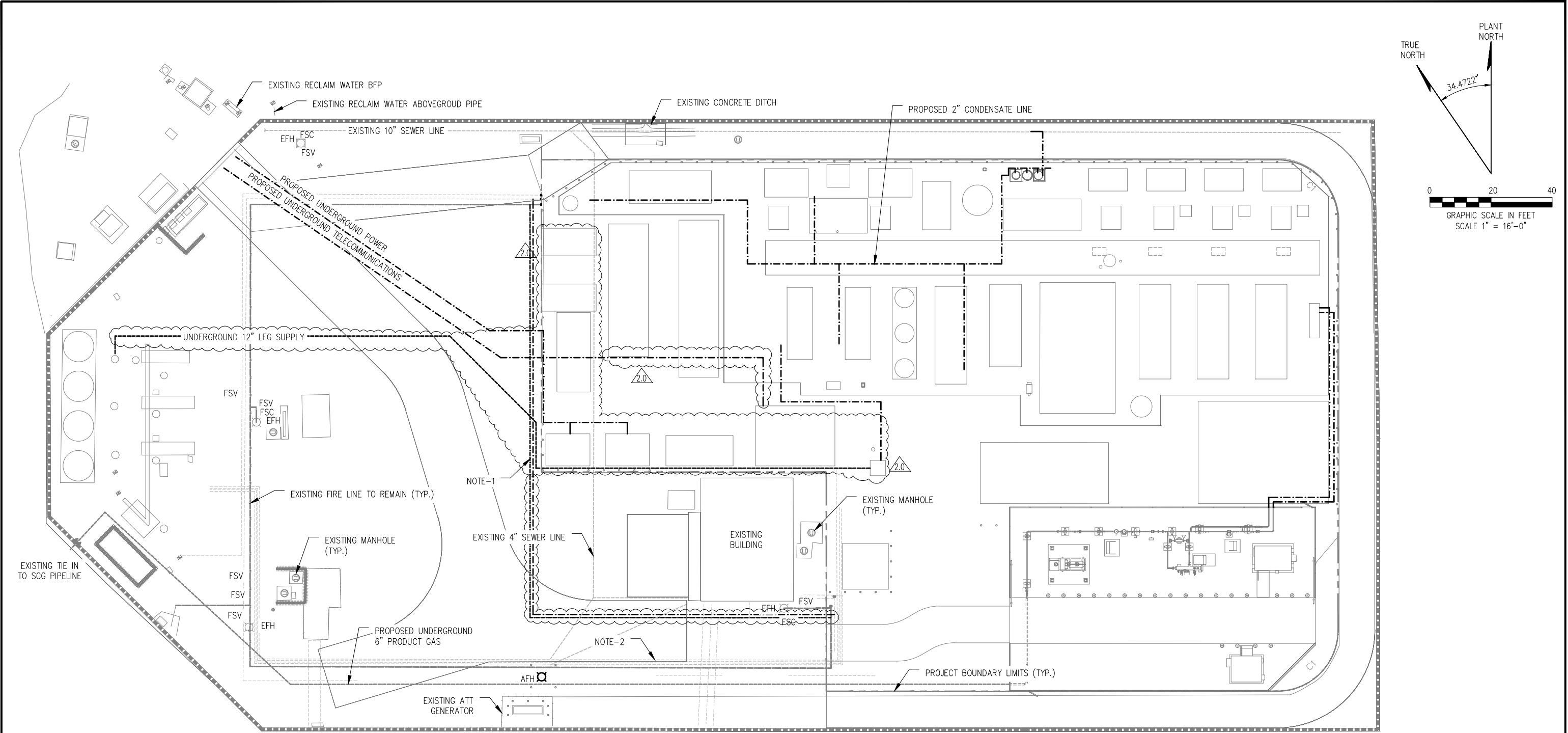
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LEGENDS

EFH-EXISTING FIRE HYDRANT RETAINED	EFH
AFH-ADDED FIRE HYDRANT	AFH
GAS LINES	
UTILITIES LINE	
UTILITIES LINE (EXISTING)	
PROPOSED FIRE LINE EXTENSION	
EXISTING FIRE LINE TO REMAIN	

NOTE:-

1. PROPOSED MODIFICATION TO ROUTING OF THE EXISTING FIRE WATER LINE (REFER TO THE LEGEND)
2. EXISTING UG UTILITIES TO BE FIELD VERIFIED BY CONSTRUCTION CONTRACTOR PRIOR TO PROJECT EXECUTION.

TOPOGRAPHY NOTE:
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UTILITIES PLAN

COYOTE CANYON LANDFILL
RNG PROJECT
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NEWPORT BEACH, CA 92657

DRAWING NO.

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ARCHAEA ENERGY

COYOTE CANYON LANDFILL RNG PROJECT



LEGAL DESCRIPTION

EXHIBIT "A"

FOR LEASE PURPOSES

PARCEL 1

THAT CERTAIN PARCEL OF LAND SITUATED IN THE CITY OF NEWPORT BEACH, COUNTY OF ORANGE, STATE OF CALIFORNIA, BEING THAT PORTION OF BLOCK 128 OF IRVINE'S SUBDIVISION AS SHOWN ON A MAP THEREOF FILED IN BOOK 1, PAGE 88 OF MISCELLANEOUS RECORD MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID ORANGE COUNTY, AND BEING A PORTION OF THE LAND CONVEYED TO THE CITY OF IRVINE, A CALIFORNIA MUNICIPAL CORPORATION, BEING THE PARCEL SHOWN AS "EXCEPTION PARCEL 4", AS DESCRIBED IN THE DOCUMENT ENTITLED "GIFT DEED (PRESERVATION AREA L: PA 27 DETACHMENT AREA PORTION)", RECORDED MAY 16, 2002 AS INSTRUMENT NO. 20020413370 IN SAID OFFICE OF THE ORANGE COUNTY RECORDER, AND BEING DESCRIBED MORE PARTICULARLY AS FOLLOWS:

COMMENCING ON THE CENTERLINE OF NEWPORT COAST DRIVE (FORMERLY PELICAN HILLS ROAD) AT THE NORTHERLY TERMINUS OF THAT CERTAIN COURSE OF A 3000.00 FEET RADIUS CURVE CONCAVED WESTERLY, HAVING AN ARC LENGTH OF 2,232.28 FEET WITH A CENTRAL ANGLE OF 42° 38' 00" AS SHOWN ON A MAP THEREOF FILED IN BOOK 119, PAGES 25 THROUGH 29 OF RECORDS OF SURVEYS, BEING RECORD OF SURVEY NO. 86-1077, IN THE OFFICE OF THE COUNTY RECORDER OF SAID ORANGE COUNTY, AND BEING AT STATION 154+33.77 PER ORANGE COUNTY SURVEYOR ALIGNMENT NOTES A/SW-JRV 2500-2509, PAGES 1-10;

THENCE ALONG THE CENTERLINE OF SAID NEWPORT COAST DRIVE NORTH 01° 41' 00" WEST 1,560.70 FEET TO THE TRUE POINT OF BEGINNING OF EXCEPTION PARCEL 1 AS SHOWN ON SAID GIFT DEED, BEING MARKED WITH A FOUND 2-1/2 INCH PUNCHED BRASS DISC STAMPED "L.S. 4965" DOWN 2.0 FEET IN A MONUMENT WELL AS SHOWN ON A MAP THEREOF FILED IN BOOK 144, PAGES 31 THROUGH 36 OF RECORDS OF SURVEYS, BEING RECORD OF SURVEY NO. 91-1128, IN THE OFFICE OF THE COUNTY RECORDER OF SAID ORANGE COUNTY;

THENCE LEAVING THE CENTERLINE OF SAID NEWPORT COAST DRIVE SOUTH 63° 36' 15" EAST 1,322.97 FEET TO THE TRUE POINT OF BEGINNING;

2832 Walnut Avenue, Suite A
Tustin, CA 92780
(714) 734-8462
www.dwoolley.com

PAGE 1 OF 2

THENCE SOUTH 55° 31' 40" EAST 240.76 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVED WESTERLY AND HAVING A RADIUS OF 20.00 FEET;

THENCE ALONG SAID TANGENT CURVE SOUTHEASTERLY, SOUTHERLY AND SOUTHWESTERLY 31.42 FEET THROUGH A CENTRAL ANGLE OF 90° 00' 00";

THENCE SOUTH 34° 28' 20" WEST 133.89 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVED NORTHERLY AND HAVING A RADIUS OF 20.00 FEET;

THENCE ALONG SAID TANGENT CURVE SOUTHWESTERLY, WESTERLY, AND NORTHWESTERLY 31.42 FEET THROUGH A CENTRAL ANGLE OF 90° 00' 00";

THENCE NORTH 55° 31' 40" WEST 147.58 FEET;

THENCE NORTH 34° 28' 20" EAST 71.70 FEET;

THENCE NORTH 55° 31' 40" WEST 93.18 FEET;

THENCE NORTH 34° 28' 20" EAST 102.19 FEET TO THE TRUE POINT OF BEGINNING;

CONTAINING AN AREA OF 0.884 ACRES OR 38,491 SQUARE FEET, MORE OR LESS.

SUBJECT TO COVENANTS, CONDITIONS, RESTRICTIONS, RESERVATIONS, RIGHTS, RIGHTS OF WAY, AND OTHER MATTERS OF RECORD, IF ANY.

EXHIBIT "B" ATTACHED AND BY THIS REFERENCE MADE A PART HEREOF.

THIS REAL PROPERTY DESCRIPTION HAS BEEN PREPARED BY ME, OR UNDER MY DIRECTION, IN CONFORMANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT.

PRELIMINARY

DAVID E. WOOLLEY, PLS 7304

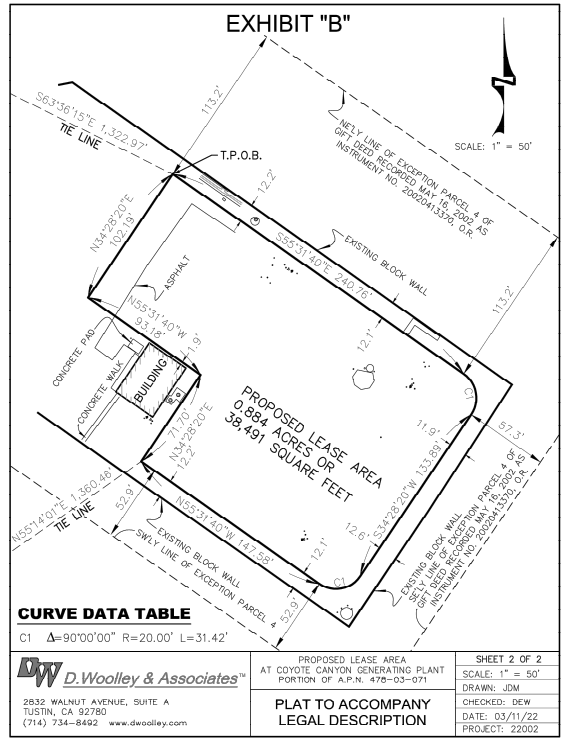
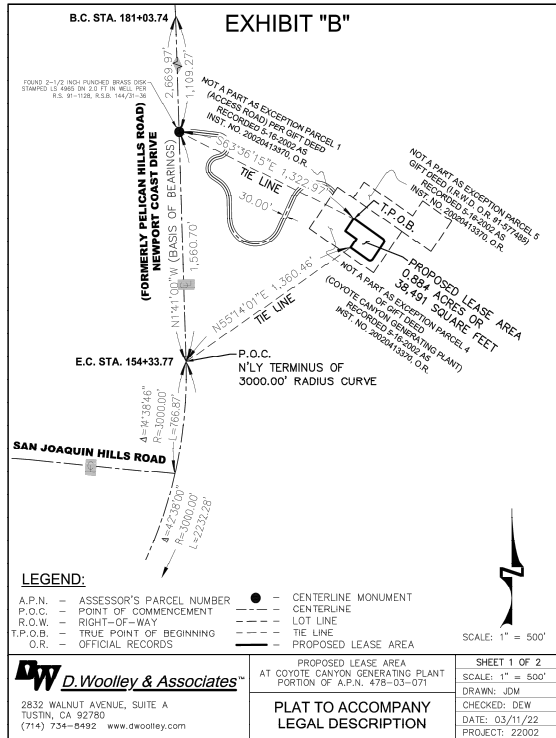


END OF DESCRIPTION

March 11, 2022
DATED

2832 Walnut Avenue, Suite A
Tustin, CA 92780
(714) 734-8462
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PAGE 2 OF 2



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1.0	08/11/2022	ISSUED FOR CUP	AK	TP	AG
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ENGINEER:



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LEASE AREA LEGAL DESCRIPTION & PLAT

COYOTE CANYON LANDFILL
RNG PROJECT
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DRAWING NO.
G2.03

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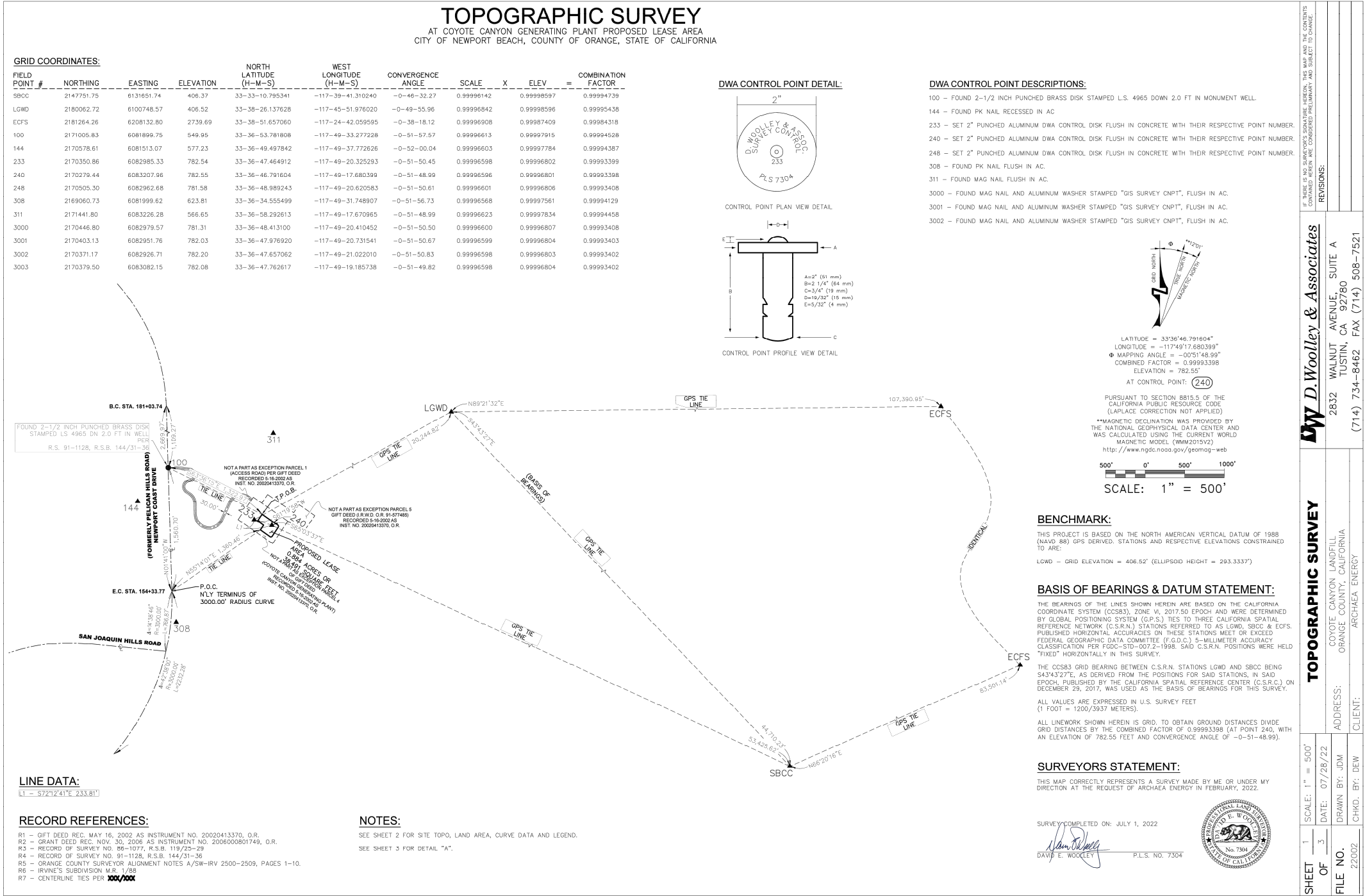
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TOPOGRAPHIC SURVEY (SH 1 OF 3)

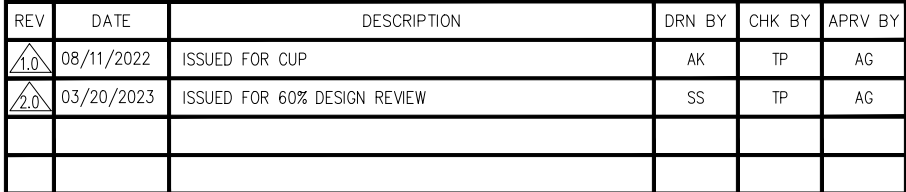
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ENGINEER:  **BIOGAS
ENGINEERING**

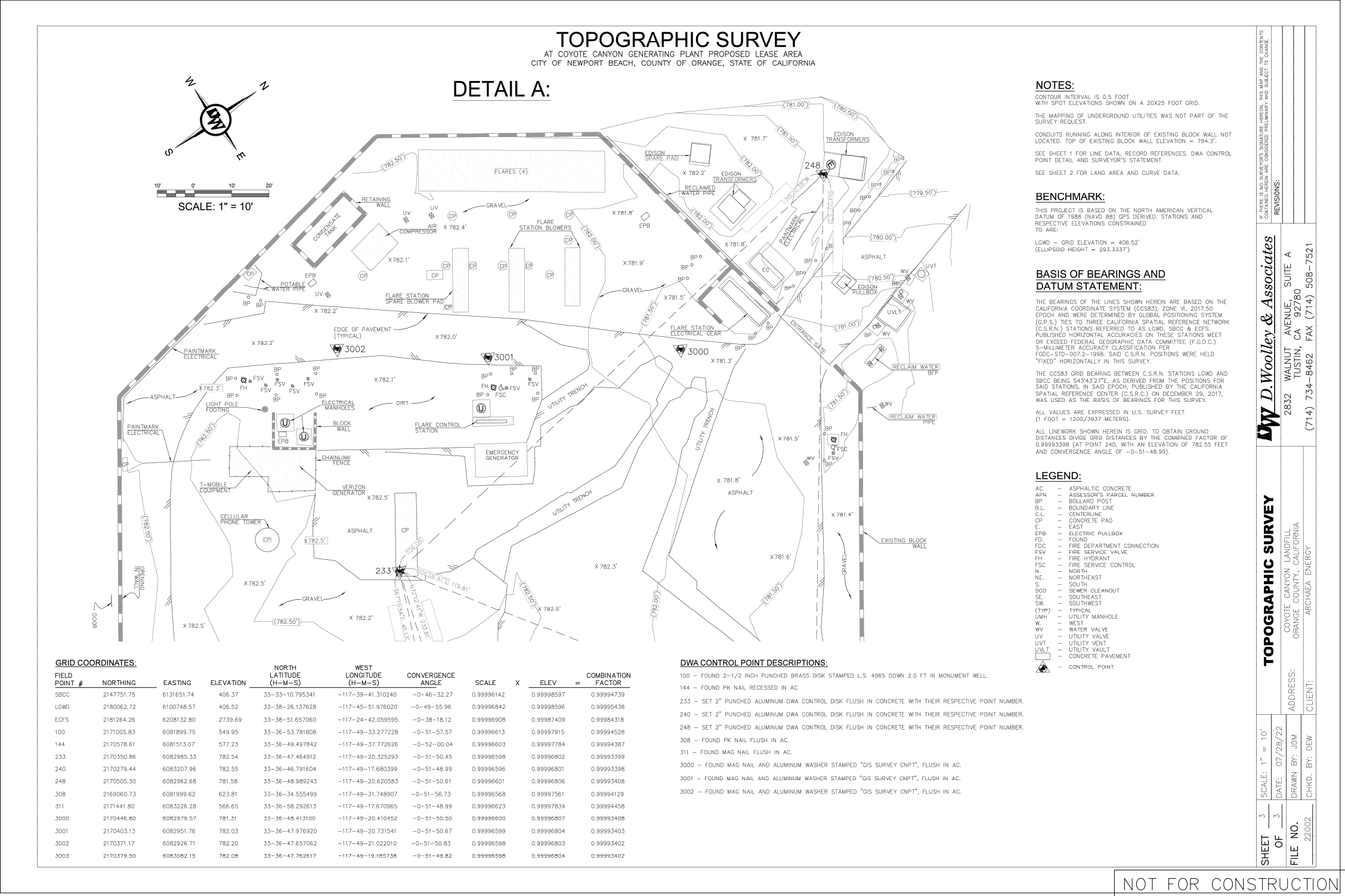
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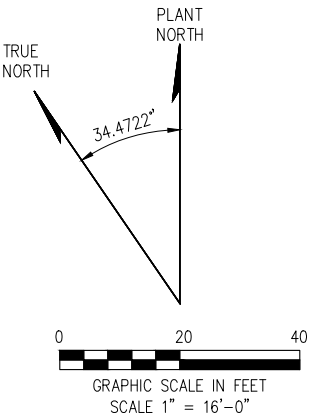
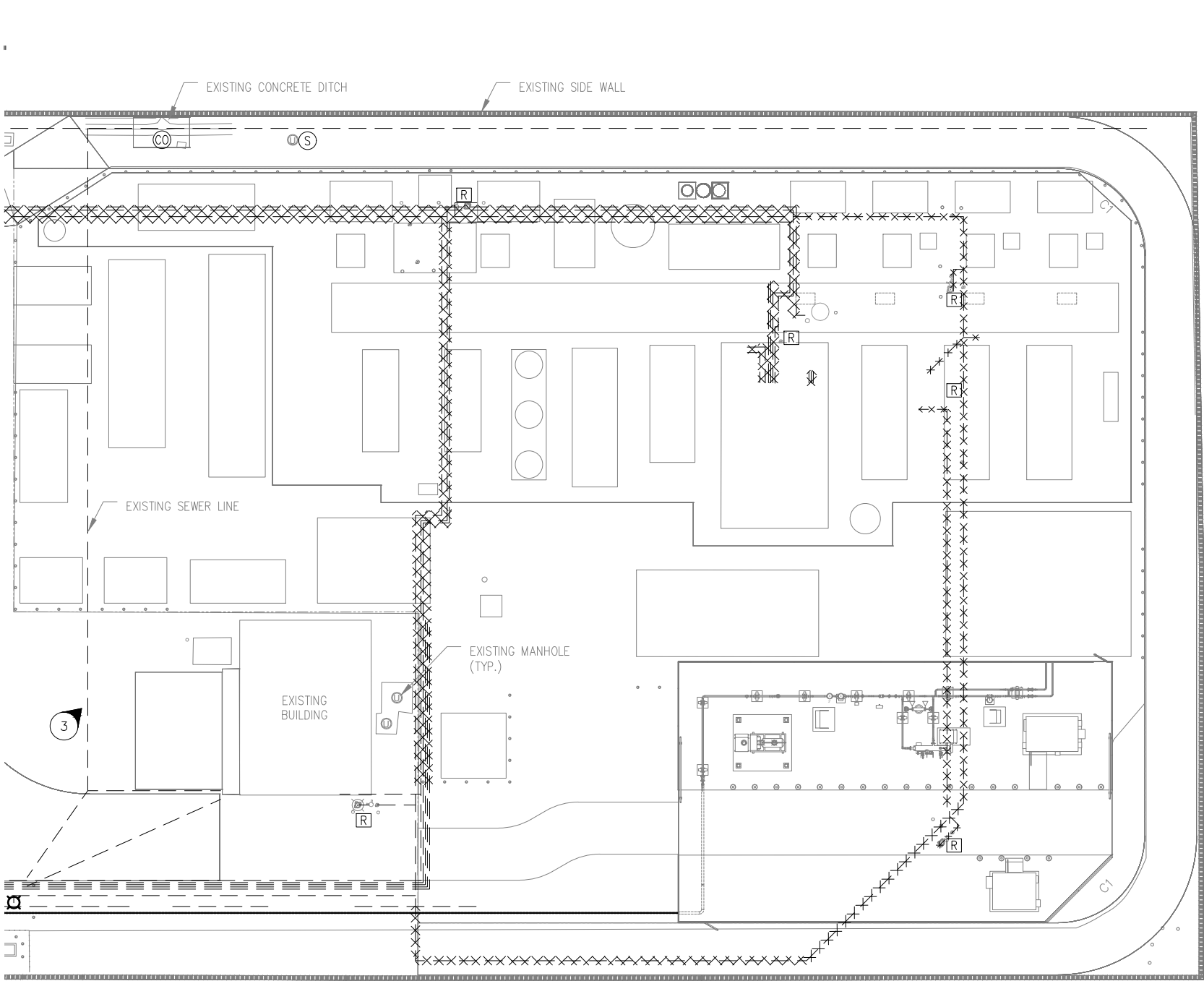
NOTE:-

1. THE SHADED AREA DENOTES A HAZARDOUS AREA OF A 15 FT RADIUS FROM THE SOURCE OF THE LEAK PER NATIONAL ELECTRICAL CODE CLASS 1 DIVISION 2.

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<p align="center">AREA CLASSIFICATION FOR RNG (SCG NOT INCLUDED)</p>	
<p>COYOTE CANYON LANDFILL RNG PROJECT 20662 NEWPORT COAST DRIVE NEWPORT BEACH, CA 92657</p>	<p>DRAWING NO. G3.01</p>

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LEGENDS

EXISTING WALL	=====
EXISTING FINISHED GRADE	-----782'-0"
DEMOLITION AREA	XXXXXX
DESTURBED AREA	-----
WATER RISER	[R]
CLEANOUT	[CO]
MANHOLE	[S]

NOTE:-

1. PROPOSED MODIFICATION TO ROUTING OF THE EXISTING FIRE WATER LINE (REFER TO THE LEGEND).
2. EXISTING UG UTILITIES TO BE FIELD VERIFIED BY CONSTRUCTION CONTRACTOR PRIOR TO PROJECT EXECUTION.
3. DEMOLITION CONTRACTOR TO PERFORM POTHOLING TO FIND OUT BURIED LINE DEPT.
4. TO MINIMIZE THE DOWNTIME OF THE POTABLE WATER AND FIRE WATER SYSTEM, THE PIPELINE SHUTDOWN SHALL ONLY BE TAKEN AFTER THE MODIFIED SECTION OF THE PIPELINE IS CONSTRUCTED AND TESTED AT THE SITE AND COMPLETED TO BE TIED IN WITH THE EXISTING PIPING.

TOPOGRAPHY NOTE:
BASED ON TOPO FURNISHED BY D.WOOLLEY & ASSOCIATES
DATE: 07-28-2022.

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ENERGY**

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Ph: (346) 708-8272

ENGINEER:

 **BIOGAS
ENGINEERING**

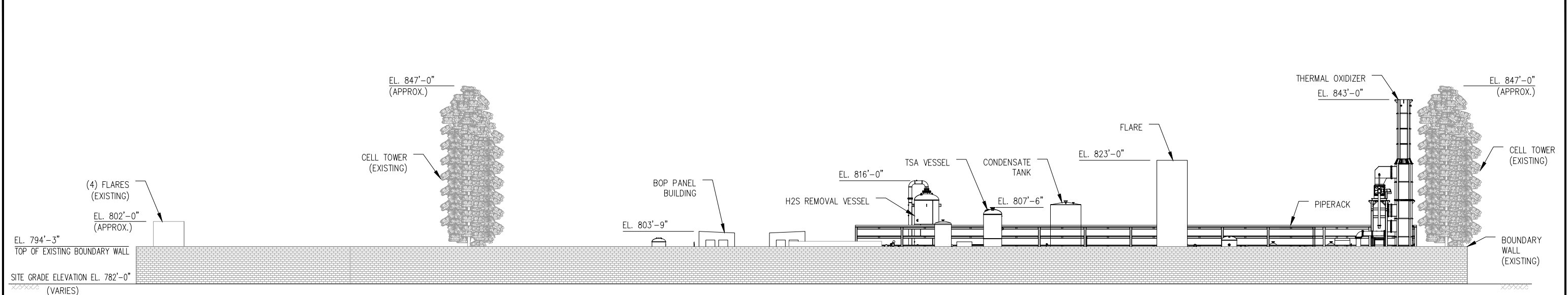
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DEMOLITION PLAN

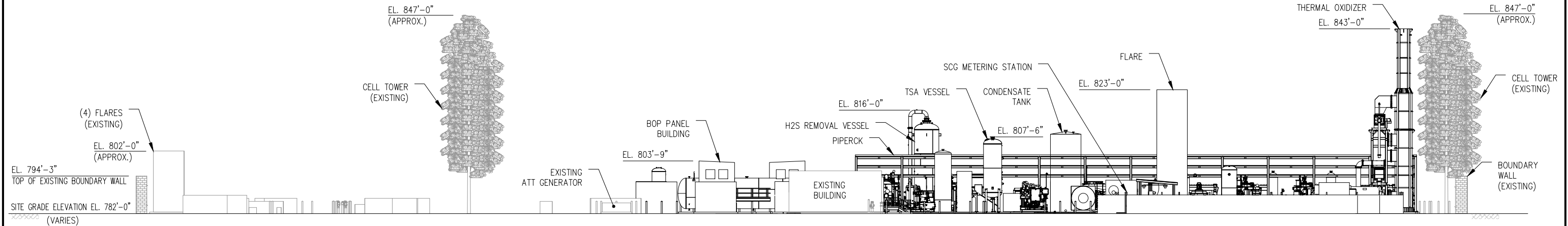
COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

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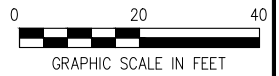


SOUTH ELEVATION
SCALE - 1/16" = 1'-0"



NOTES
1. EXISTING SOUTH BOUNDARY WALL BEHIND RNG FACILITY NOT SHOWN FOR CLARITY.

SOUTH ELEVATION
SCALE - 1/16" = 1'-0"



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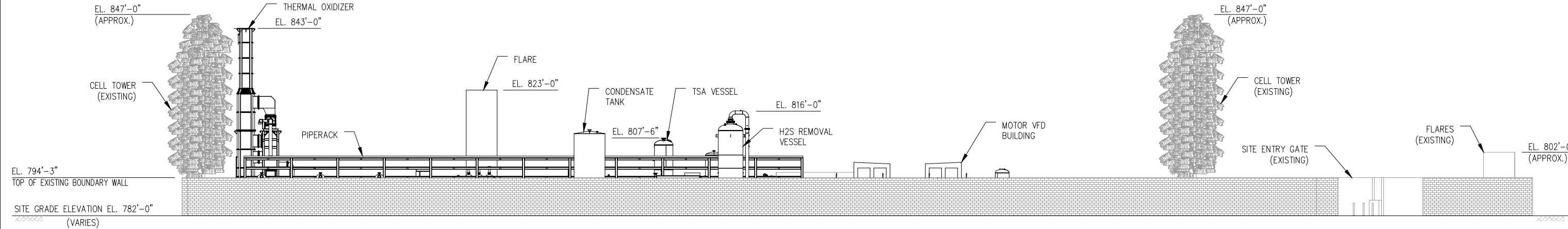
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PLANT ELEVATION VIEW
SOUTH ELEVATION - LOOKING PLAN NORTH

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

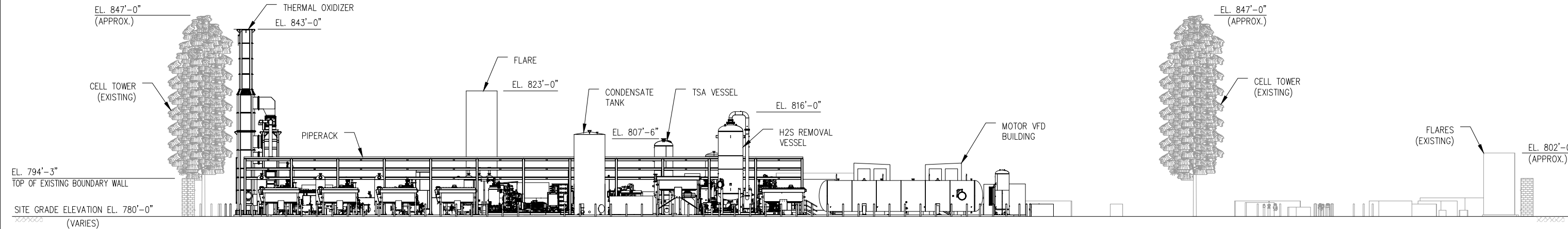
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NORTH ELEVATION
SCALE - 1/16" = 1'-0"

B
G2.00



NOTES

1. EXISTING NORTH BOUNDARY WALL BEHIND RNG FACILITY NOT SHOWN FOR CLARITY.

NORTH ELEVATION
SCALE - 1/16" = 1'-0"

F
G2.00



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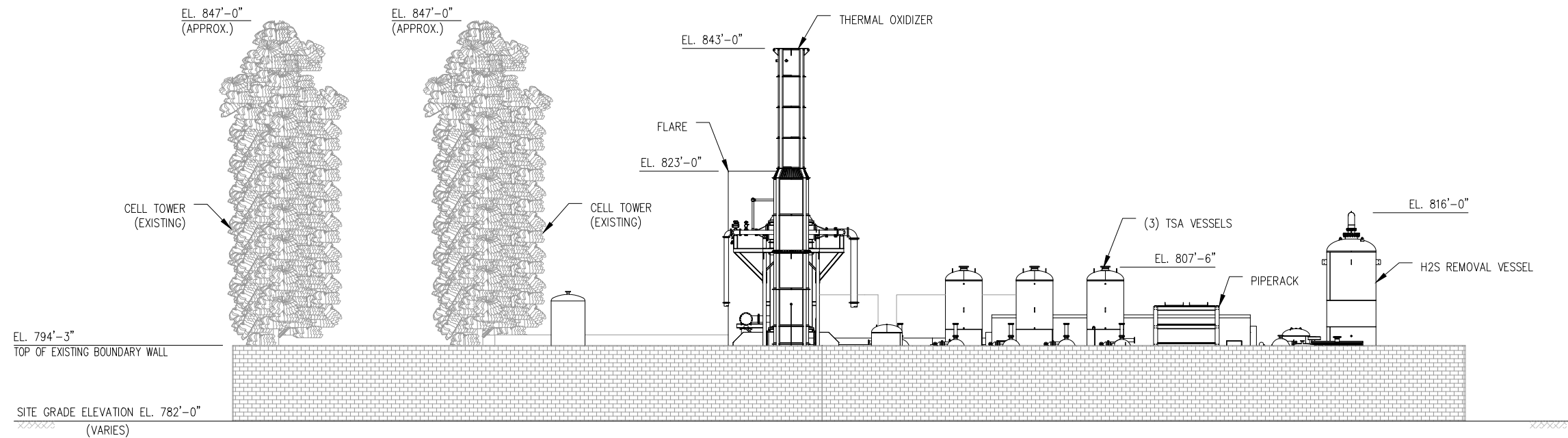
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PLANT ELEVATION VIEW
NORTH ELEVATION - LOOKING PLAN SOUTH

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

DRAWING NO.
G4.02

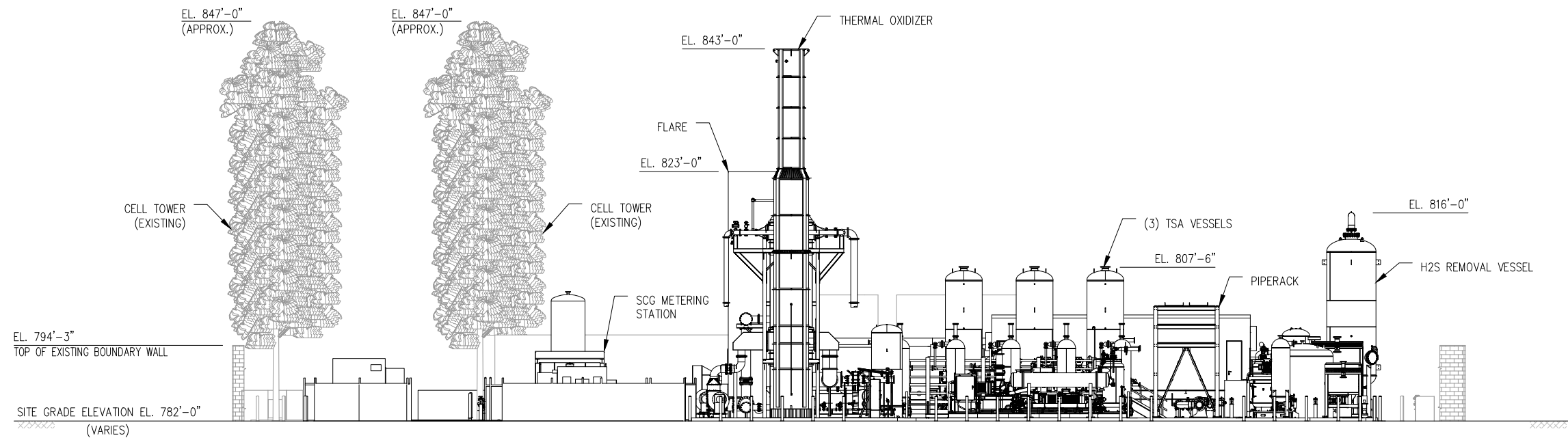
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EAST ELEVATION

SCALE - 3/32" = 1'-0"

C
G2.00



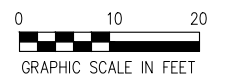
NOTES

- EXISTING EAST BOUNDARY WALL BEHIND RNG FACILITY NOT SHOWN FOR CLARITY.

EAST ELEVATION

SCALE - 3/32" = 1'-0"

G
G2.00



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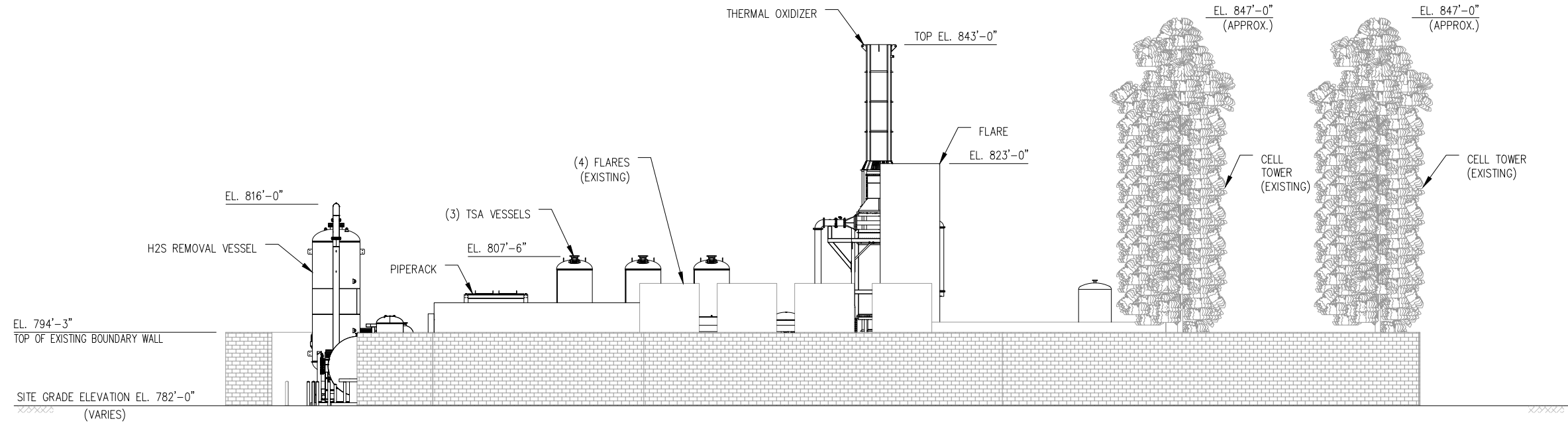
**PLANT ELEVATION VIEW
EAST ELEVATION - LOOKING PLAN WEST**

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

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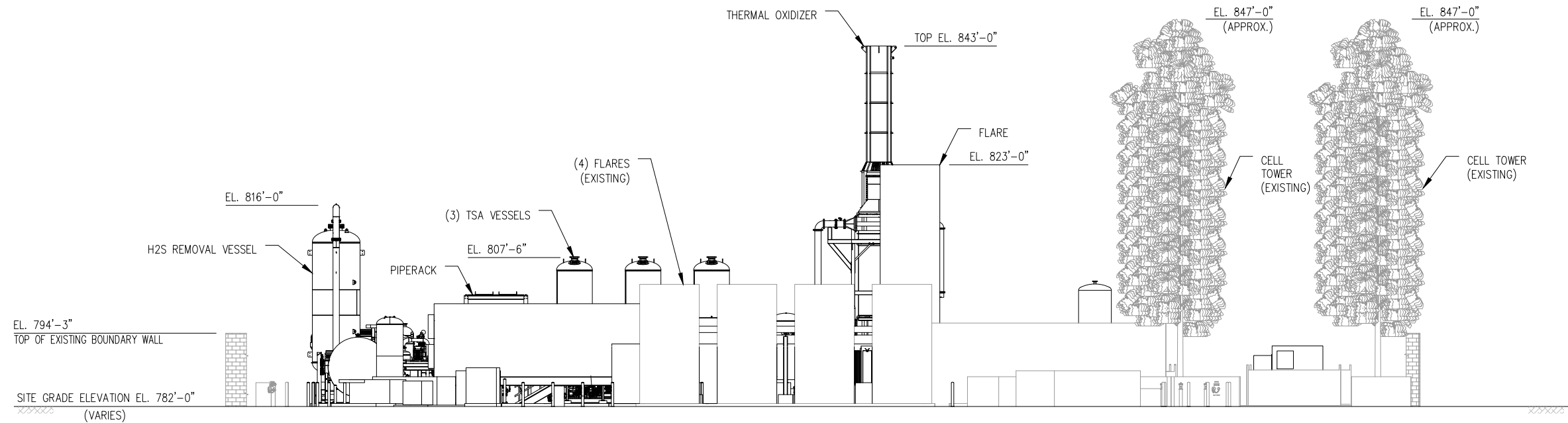
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WEST ELEVATION
SCALE - 3/32" = 1'-0"

D
G2.00



NOTES

1. EXISTING WEST BOUNDARY WALL BEHIND RNG FACILITY NOT SHOWN FOR CLARITY.

WEST ELEVATION
SCALE - 3/32" = 1'-0"

H
G2.00



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**PLANT ELEVATION VIEW
WEST ELEVATION - LOOKING PLAN EAST**

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

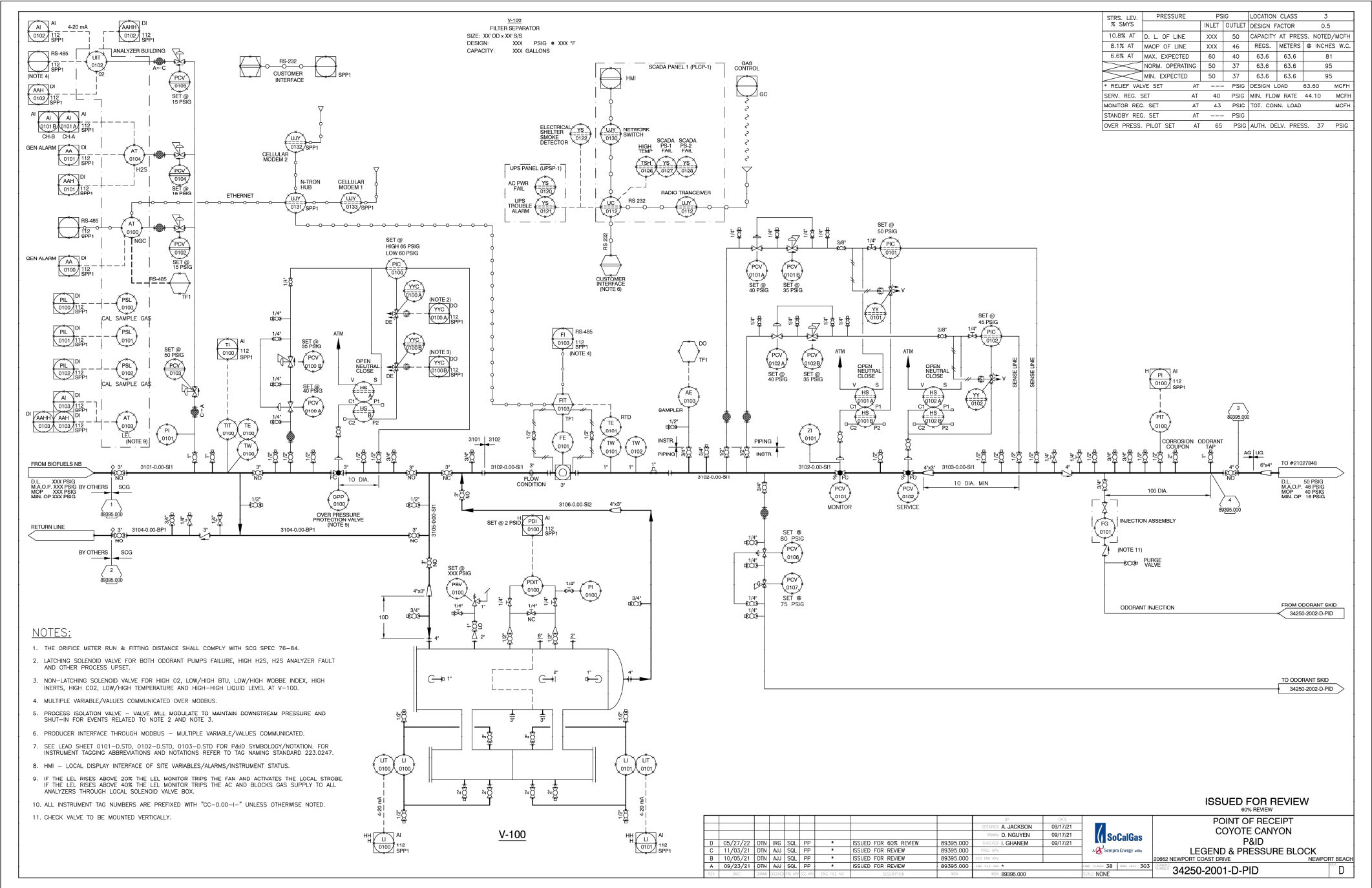
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61

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COYOTE CANYON LANDFILL RNG PROJECT



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**SoCalGas POINT OF RECEIPT
P&ID - LEGEND & PRESSURE BLOCK**

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

DRAWING NO. **G5.01**

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SoCalGas POINT OF RECEIPT P&ID - ODORIZER SYSTEM	
COYOTE CANYON LANDFILL RNG PROJECT 62 NEWPORT COAST DRIVE NEWPORT BEACH, CA 92657	DRAWING NO. G5.02 63

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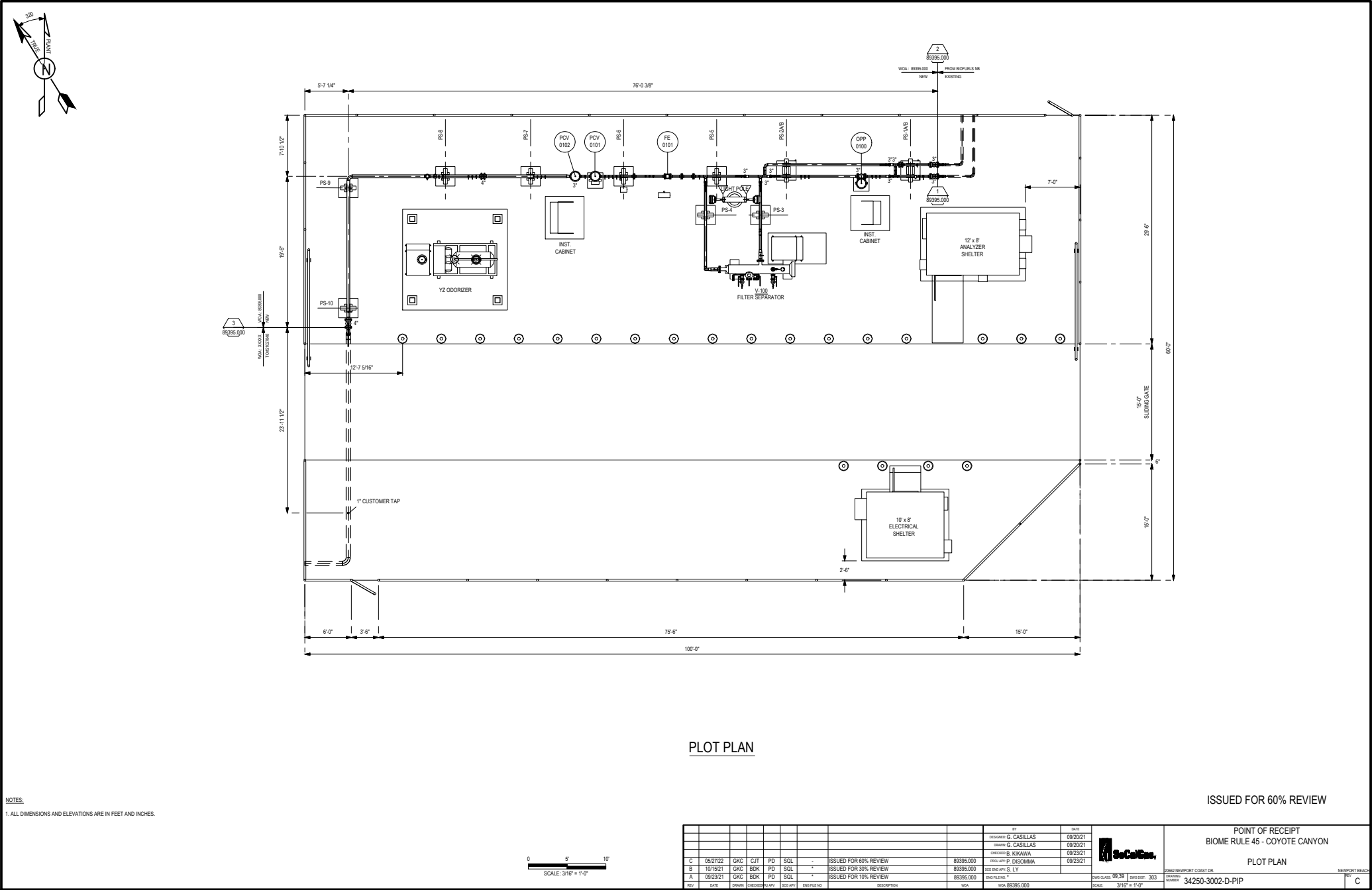
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SoCalGas POINT OF RECEIPT SITE PLAN	
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COYOTE CANYON LANDFILL RNG PROJECT



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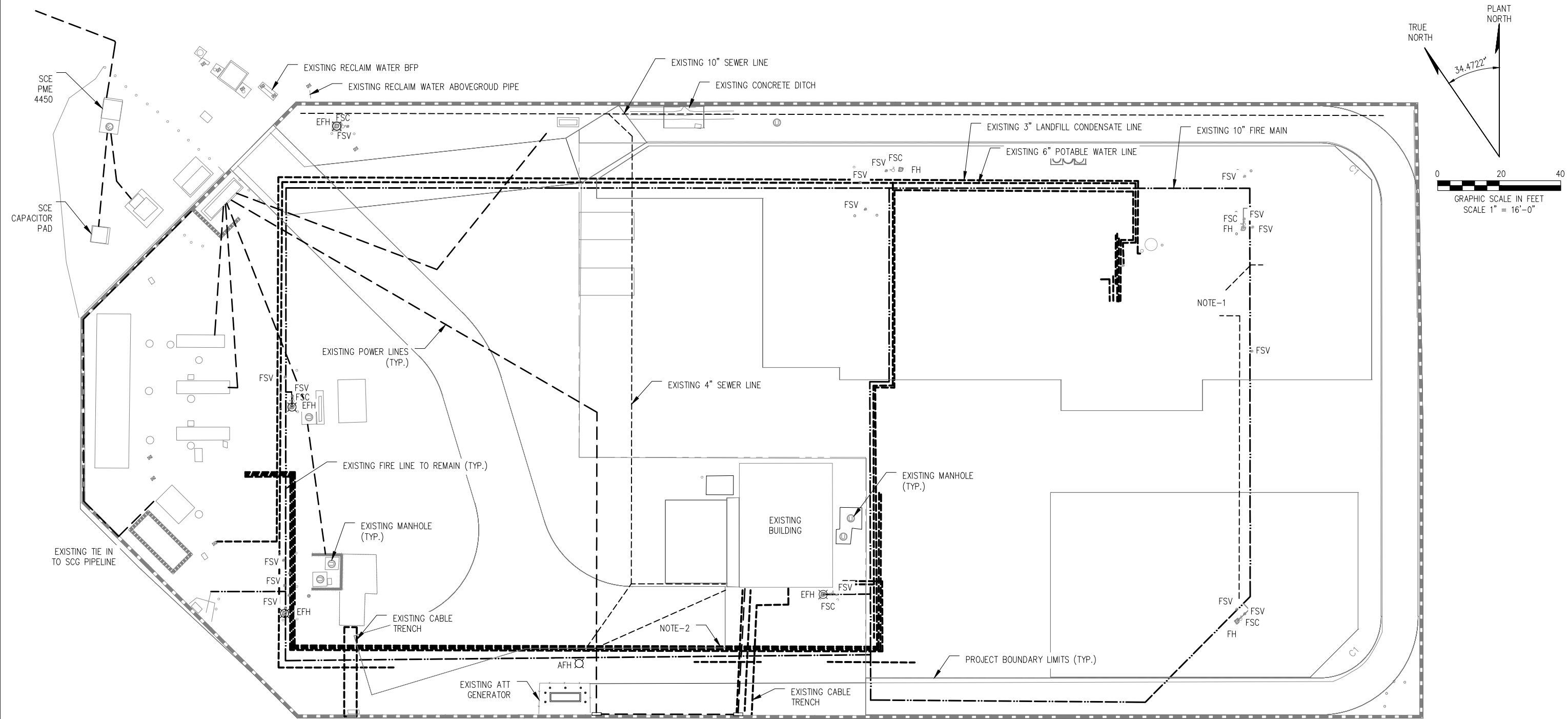
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SoCalGas POINT OF RECEIPT
PLOT PLAN

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

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G5.04

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LEGENDS

EXISTING FIRE HYDRANT	FH	
EFH-EXISTING FIRE HYDRANT RETAINED	EFH	
AFH-ADDED FIRE HYDRANT	AFH	
POWER LINES		
UTILITIES LINE		
FIRE LINE		
FIRE SERVICE VALVE	FSV	
FIRE SERVICE CONNECT	FSC	

NOTE:-

1. LOCATE THE DISCARDED BURIED PIPE THAT WAS PART OF PREVIOUS PROJECT.
2. EXISTING UG UTILITIES TO BE FIELD VERIFIED.
3. THE UG SERVICES SHOWN ON THIS DRAWING ARE DRAWN BASED ON UNSCALED HAND SKETCHES, THEREFORE THE DURING THE UG SURVEY SPECIAL CARE NEEDS TO BE TAKEN TO IDENTIFY THE ACTUAL LOCATION.

TOPOGRAPHY NOTE:
BASED ON TOPO FURNISHED BY D.WOOLLEY & ASSOCIATES
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EXISTING PIPES & CABLES
(FOR UG SERVICES SURVEY)

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

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G6.00

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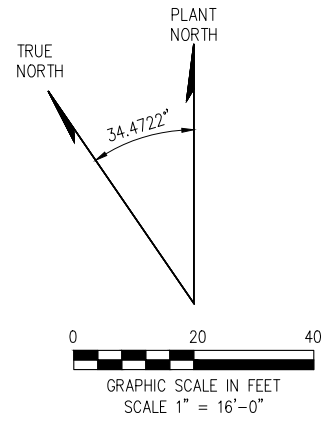
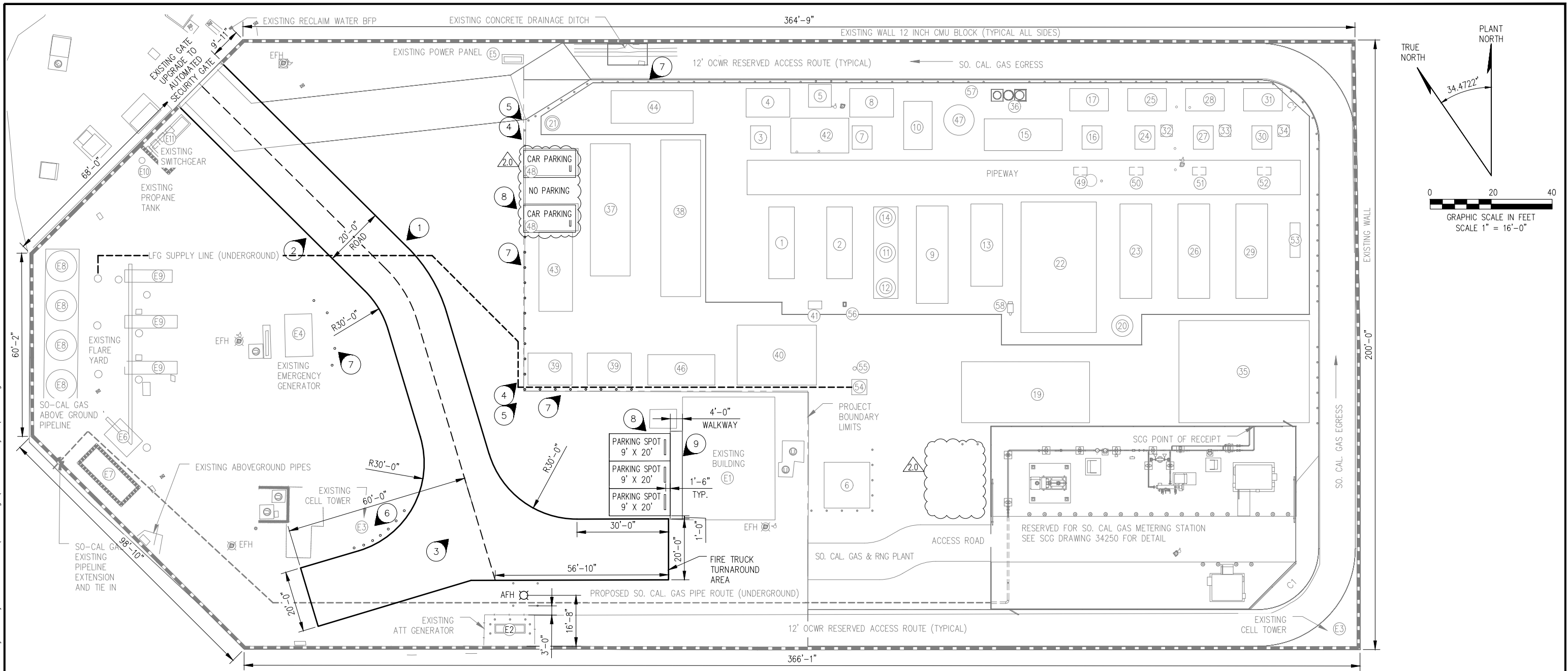


TABLE 1:- EQUIPMENT LIST	
S.NO.	DESCRIPTION
1	TYPE #1 FEED COMPRESSOR
2	TYPE #2 FEED COMPRESSOR
3	TYPE #1 COMPRESSOR FEED OIL COOLER
4	TYPE #1 COMPRESSOR FEED AFTERCOOLER
5	H2S REMOVAL VESSEL
6	LN2 PAD
7	TYPE #2 FEED COMPRESSOR OIL COOLER
8	TYPE #2 FEED COMPRESSOR AFTERCOOLER
9	TSA PRE-TREATMENT SKID
10	CHILLER
11	TSA ADSORBER VESSEL A (6' DIA.)
12	TSA ADSORBER VESSEL B (6' DIA.)
13	MEMBRANE SKID
14	VOC POLISHING VESSEL
15	TYPE #1 RECYCLE COMPRESSOR
16	TYPE #1 RECYCLE COMPRESSOR OIL COOLER
17	TYPE #1 RECYCLE COMPRESSOR AFTERCOOLER
18A	DEOXO SKID
18B	DEOXO DRYER
18C	DEOXO AFTERCOOLER

TABLE 1:- EQUIPMENT LIST	
S.NO.	DESCRIPTION
19	OFF-SPECIFICATION GAS FLARE
20	NRU BUFFER VESSEL
21	COMPRESSED AIR RECEIVER
22	NRU W/ADSORBERS
23	#1 NRU VAC. RINSE SKID
24	#1 NRU VAC. RINSE OIL COOLER
25	#1 NRU VAC. RINSE AFTERCOOLER
26	#2 NRU VAC. RINSE SKID
27	#2 NRU VAC RINSE OIL COOLER
28	#2 NRU VAC. RINSE AFTERCOOLER
29	#3 NRU VAC. RINSE SKID
30	#3 NRU VAC. RINSE OIL COOLER
31	#3 NRU VAC. RINSE AFTERCOOLER
32	#1 NRU DRYER VESSEL
33	#2 NRU DRYER VESSEL
34	#3 NRU DRYER VESSEL
35	THERMAL OXIDIZER
36	OILY WATER SEPARATOR
37	POWER DISTRIBUTION E-HOUSE
38	POWER DISTRIBUTION E-HOUSE BOP

TABLE 1:- EQUIPMENT LIST	
S.NO.	DESCRIPTION
39	TRANSFORMERS
40	OPERATOR/CONTROL SHELTER
41	STAGE #1 INLET PARTICULATE FILTER
42	H2S SKID
43	UTILITY INTERTIE SWITCHGEAR
44	TSA BLOWDOWN TANK 30,000 Gal
45	H2S GUARD-BED
46	STORAGE CONTAINER
47	CONDENSATE TANK
48	PARKING AREA
49	NRU RINSE COMPRESSOR INLET FILTER A
50	NRU VACUUM COMPRESSOR INLET FILTER A
51	NRU RINSE COMPRESSOR INLET FILTER B
52	NRU VACUUM COMPRESSOR INLET FILTER B
53	HEAT EXCHANGER
54	LFG SUMP
55	SUMP CONDENSATE PUMP
56	FLOW METER
57	CONDENSATE TANK PUMP
58	GAS CHROMATOGRAPH


TABLE 2:- EXISTING EQUIPMENTS	
S.NO.	DESCRIPTION
E1	EXISTING BUILDING
E2	EXISTING ATT GENERATOR
E3	EXISTING CELL TOWER
E4	EXISTING EMERGENCY GENERATOR
E5	EXISTING POWER PANEL
E6	EXISTING PAD
E7	EXISTING TANK
E8	EXISTING FLARE
E9	EXISTING BLOWERS PAD
E10	EXISTING PROPANE TANK
E11	EXISTING SWITCHGEAR

LEGENDS	
EFH-EXISTING FIRE HYDRANT RETAINED	EFH
AFH-ADDED FIRE HYDRANT	AFH
GAS LINES	
PROJECT BOUNDARY LIMITS	
SO. CAL. GAS METERING STATION LIMITS	

- NOTE:-**
1. INSTALL WHITE STRIP AND REFLECTOR ON BOTH SIDE OF ROAD.
 2. SPEED BUMPS ARE PROHIBITED.
 3. THE GRADIENT FOR ACCESS ROADS SHALL NOT EXCEED 10%.
 4. PROVIDE BOLLARDS FOR THE SAFETY OF THE INSTALLED EQUIPMENT.
 5. THE NEW BOLLARDS SHALL BE PROVIDED WITH REFLECTOR.
 6. FLEXIBLE DELINEATOR POSTS 'ULINE H-4466Y' OR EQUAL.
 7. REMOVAL BOLLARDS WITH REFLECTOR.
 8. TIRE STOPS WITH REFLECTIVE STRIP 4" X 72" SMARTSIGN K2-1018 OR EQUAL.
 9. REFLECTIVE OBJECT MARKER 12"x36" BLACK ON YELLOW ALUMINUM SMARTSIGN X-OM-3C OR EQUAL IN 5 PLACES.

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FIRE MASTER PLAN

COYOTE CANYON LANDFILL
RNG PROJECT
20662 NEWPORT COAST DRIVE
NEWPORT BEACH, CA 92657

DRAWING NO. **G6.01**

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