

OWNER INFORMATION

OWNER NAME: VICKI & BRETT SCOTT
 ADDRESS: 9507 SUGAR BABE DR.
 GILROY, CA 95020
 PARCEL NUMBER: 835-28-012
 PHONE NUMBER: (408) 607-0606
 EMAIL ADDRESS: scott_vicki@rocketmail.com

PROJECT DESCRIPTION

INSTALL A NEW 8' FENCE w/ LATTICE
 INSTALL A NEW EXTERIOR LIGHT ON FENCE

APPLICABLE CODES

2019 CALIFORNIA ELECTRIC CODE
 2019 CALIFORNIA BUILDING CODE
 2019 CALIFORNIA FIRE CODE
 2019 CALIFORNIA RESIDENTIAL CODE
 2019 CALIFORNIA MECHANICAL CODE
 2019 CALIFORNIA PLUMBING CODE
 2019 CALIFORNIA ENERGY CODE
 2017 NATIONAL ELECTRIC CODE

DESIGN CRITERIA

0 GROUND SNOW LOAD (psf)
 70 WIND SPEED (mph)
 C CATEGORY RATING
 -3 RECORD LOW TEMPATURE (C°)
 38 AMBIENT HIGH TEMPATURE (C°)
 VB BUILDING TYPE
 R3 OCCUPANCY GROUP
 NO FIRE SPRINKLERS
 2 BUILDING HEIGHT/STORIES
 HS-d1 ZONING

AUTHORITY HAVING JURISDICTION

SANTA CLARA COUNTY

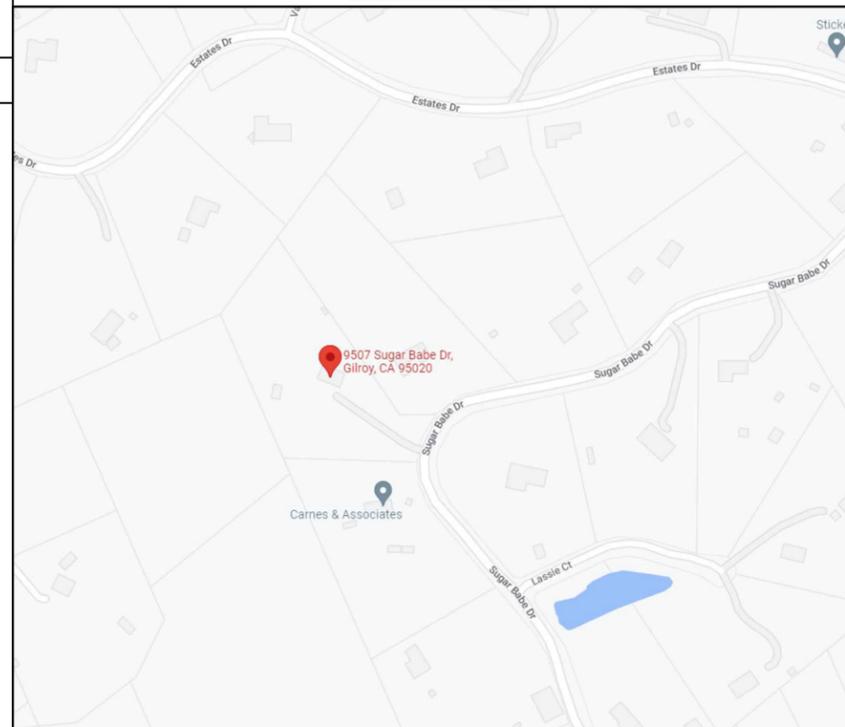
Sheet List Table

Sheet Number	Sheet Title
T1	TITLE PAGE
S1	SITE PLAN
S2	PLOT PLAN
S3	FENCE SECTION DETAIL
E1	ELECTRICAL

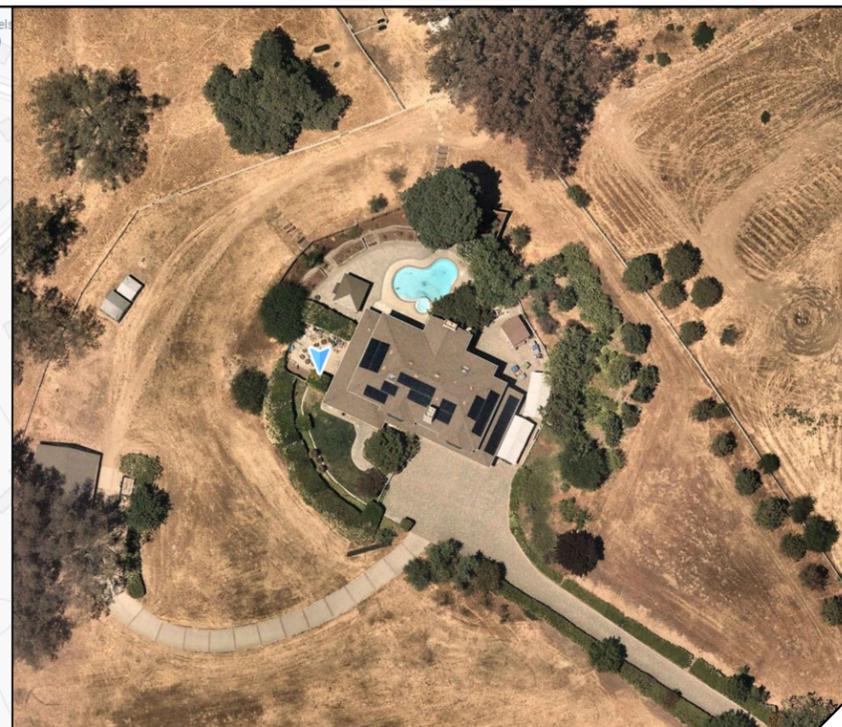
GENERAL NOTES

- ALL EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURER INSTALLATION INSTRUCTIONS.
- ALL OUTDOOR EQUIPMENT SHALL BE RAIN TIGHT AND HOLD A MINIMUM NEMA-3R RATING.
- ALL VALUES SUBJECT TO BE ROUNDED TO NEXT EASILY AVAILABLE TRADE SIZE.
- DATA PROVIDED BY WWW.SOLARABCS.ORG.
- MODULE MOUNTS AND EQUIPMENT ENCLOSURES GROUNDED TO MAIN PANELBOARD GROUND OR GROUND ROD.
- SMOKE DETECTORS AND CARBON MONOXIDE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH CRC R314 AND CRC R315
- WIRING MATERIAL OUTSIDE OF STRUCTURES SHALL BE COPPER AND 90 DEG RATED, SUITABLE FOR SUN EXPOSURE AND WET LOCATIONS UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL ELECTRICAL EQUIPMENT SHALL BE LISTED BY A RECOGNIZED ELECTRICAL TESTING LABORATORY OR APPROVED BY THE DEPARTMENT.
- EQUIPMENT INSTALLATION TO MEET WORKING CLEARANCES AS OUTLINED IN 110.26

VICINITY MAP



LOCATION VIEW



CONTRACTOR:

CLIENT:

VICKI & BRETT SCOTT
 9507 SUGAR BABE DR.
 GILROY, CA 95020
 835-28-012

SITE ADDRESS:

9507 SUGAR BABE DR.
 GILROY, CA 95020

REVISION:

REV:	DESCRIPTION:	DATE:

TITLE:

TITLE PAGE

T1

SCALE:

N/A

DATE:

11-Jul-22

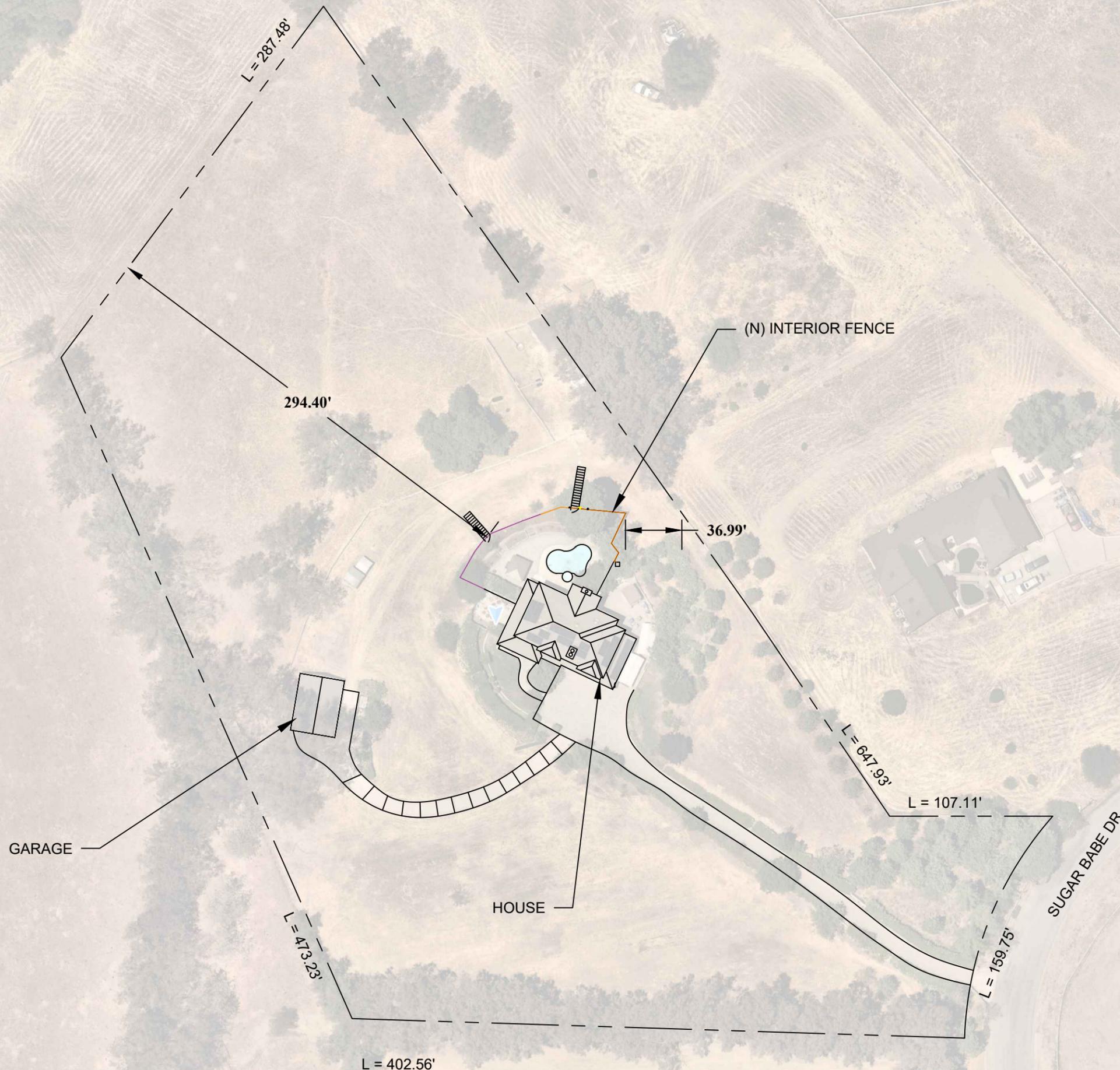
DRAWN BY:

Andre Laines

ANDRE LAINES
 (925) 800-5979

DESIGN@LAYEREDCONCEPTZ.COM





CONTRACTOR:

CLIENT:

VICKI & BRETT SCOTT
 9507 SUGAR BABE DR.
 GILROY, CA 95020
 835-28-012

SITE ADDRESS:

9507 SUGAR BABE DR.
 GILROY, CA 95020

REVISION:

REV:	DESCRIPTION:	DATE:

TITLE:

SITE PLAN S1

SCALE:

1" = 70'

DATE:

11-Jul-22

DRAWN BY:

Andre Laines
 ANDRE LAINES
 (925) 800-5979
 DESIGN@LAYEREDCONCEPTZ.COM





(N) 15AMP 120VAC LIGHT SWITCH INSIDE NEMA 3R ENCLOSURE
(MOUNTED ON FENCE)

(N) INTERIOR FENCE w/ LATTICE TOP
NO TALLER THAN 96" FROM GRADE

(N) LED LIGHT
(MOUNTED ON FENCE)

(N) NEST CAMERA
(MOUNTED ON FENCE)

(N) GATE

(N) 3/4" EMT FOR LIGHT CIRCUIT
(MOUNTED ON FENCE)

(N) GATE

(E) 100AMP POOL SUB PANEL

(E) INTERIOR FENCE

(N) INTERIOR FENCE NO TALLER
THAN 94" FROM GRADE

(E) INTERIOR FENCE

(E) 125AMP SUB PANEL
(INSIDE GARAGE)

(E) 200AMP MAIN SERVICE PANEL

CONTRACTOR:

CLIENT:

VICKI & BRETT SCOTT
9507 SUGAR BABE DR.
GILROY, CA 95020
835-28-012

SITE ADDRESS:

9507 SUGAR BABE DR.
GILROY, CA 95020

REVISION:

REV:	DESCRIPTION:	DATE:

TITLE:

PLOT PLAN

S2

SCALE:

1" = 15'

DATE:

11-Jul-22

DRAWN BY:

ANDRE LAINES
(925) 800-5979

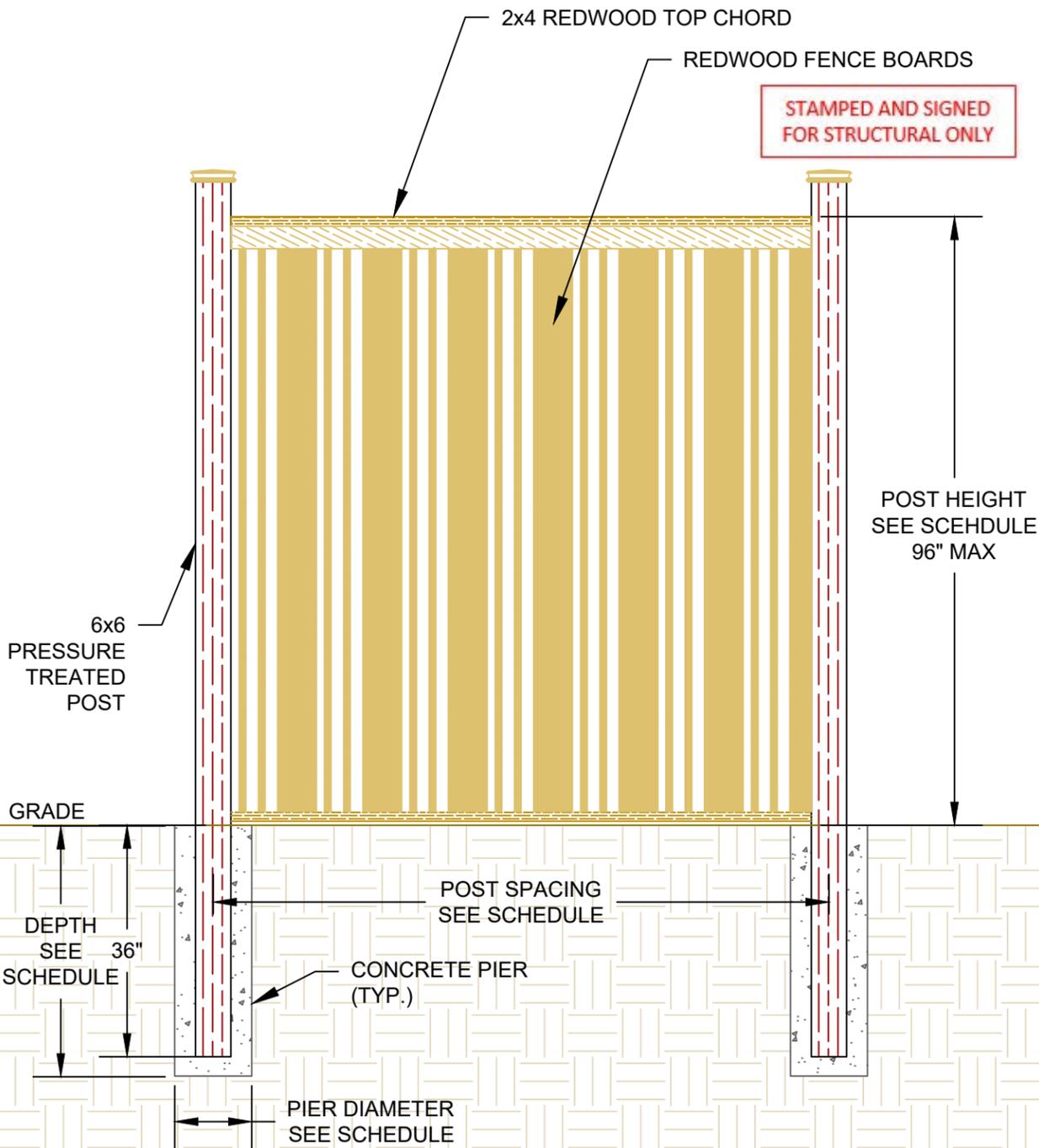
DESIGN@LAYEREDCONCEPTZ.COM



LAYERED
CONCEPTZ

**FENCE w/o LATTICE TOP
DETAIL**

- EXAMPLE OF FENCE TYPE SECTION.
- HEIGHT AND WIDTHS VARY BETWEEN FENCE SECTIONS
- NO SECTION OF THIS FENCE TYPE SHALL BE TALL THAN 94" FROM GRADE AS SHOWN BELOW.



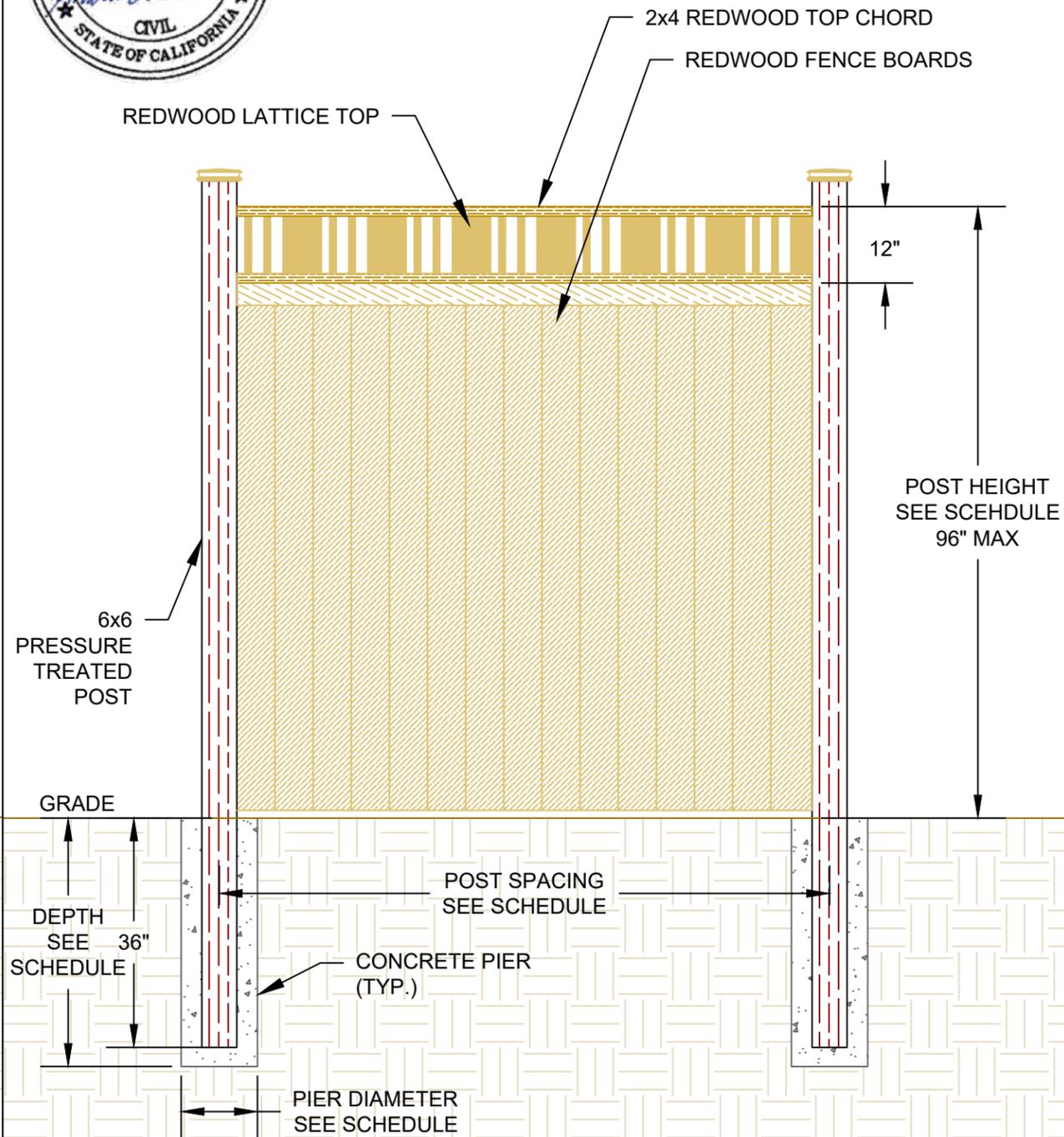
POST DEPTH SCHEDULE: 12" PIERS

POST HEIGHT	MAX. POST SPACING	PIER DEPTH
96"	87"	48"
74"	95"	46"
60"	80"	39"

**FENCE w/ LATTICE TOP
DETAIL**



- EXAMPLE OF FENCE TYPE SECTION.
- HEIGHT AND WIDTHS VARY BETWEEN FENCE SECTIONS
- NO SECTION OF THIS FENCE TYPE SHALL BE TALL THAN 96" FROM GRADE AS SHOWN BELOW.



POST DEPTH SCHEDULE: 18" PIERS

POST HEIGHT	MAX. POST SPACING	PIER DEPTH
96"	87"	40"
74"	95"	39"
60"	80"	33"

CONTRACTOR:

CLIENT:

VICKI & BRETT SCOTT
9507 SUGAR BABE DR.
GILROY, CA 95020
835-28-012

SITE ADDRESS:

9507 SUGAR BABE DR.
GILROY, CA 95020

REVISION:

REV.	DESCRIPTION:	DATE:

TITLE:

FENCE SECTION S3
DETAIL

SCALE:

1" = 2'

DATE:

11-Jul-22

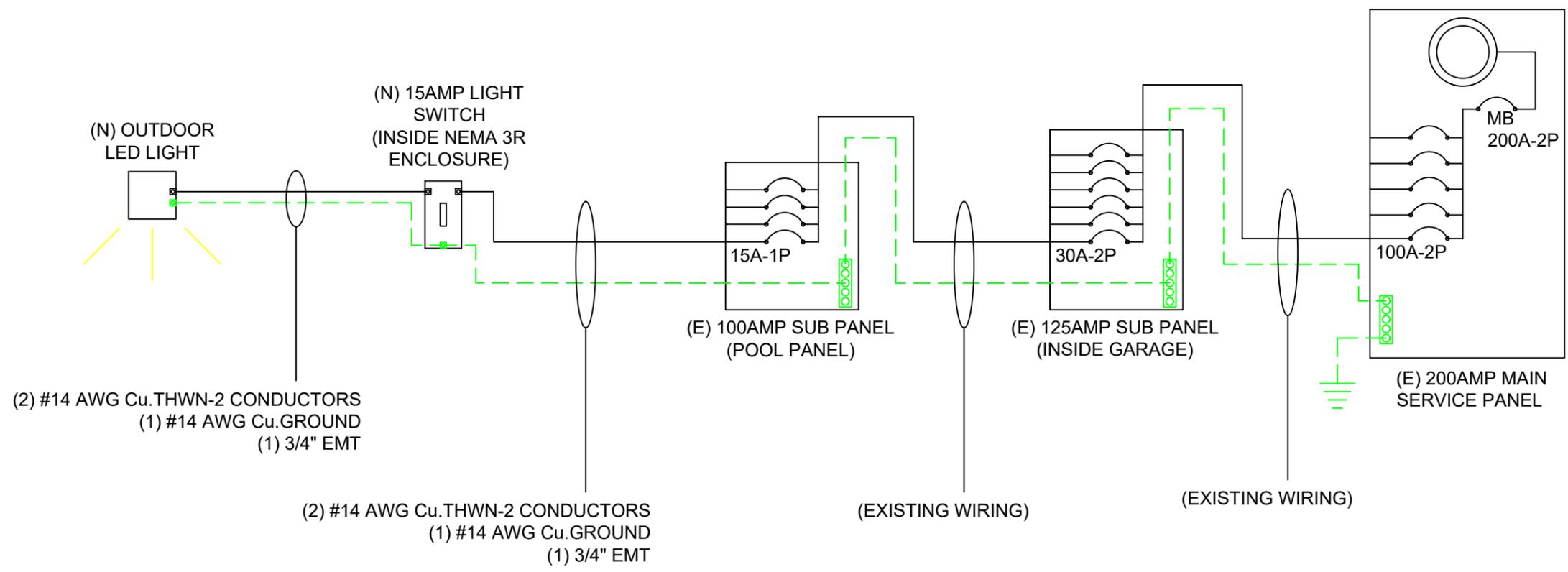
DRAWN BY:

Andre Laines

ANDRE LAINES
(925) 800-5979
DESIGN@LAYEREDCONCEPTZ.COM



CONDUCTOR SPECIFICATIONS				CONDUCTOR TEMPERATURE ADJUSTMENT					CONDUIT FILL ADJUSTMENT		ADJUSTED CONDUCTOR AMPACITY					
MATERIAL	TEMP. RATING	TRADE SIZE	90°RATED AMPACITY	CONDUCTOR LOCATION	AVG. HIGH TEMP.	HEIGHT ABOVE ROOF (in)	TEMP. ADDER (C°)	CONDUCTOR ADJUSTED TEMP. (C°)	AMPACITY CORRECTION FACTOR	# OF CURRENT CARRYING CONDUCTORS	AMPACITY ADJUST. FACTOR	CONDUCTOR AMPACITY	TEMP. CORRECTION FACTOR	CONDUIT FILL ADJUSTMENT FACTOR	ADJUSTED AMPACITY	75°RATED AMPACITY
Copper	90°C	#14	20	Fence/Wall	38	N/A	0	38	.91	2	1	20	x .91	x 1	= 18.2	15



CONTRACTOR:

CLIENT:
VICKI & BRETT SCOTT
 9507 SUGAR BABE DR.
 GILROY, CA 95020
 835-28-012

SITE ADDRESS:
 9507 SUGAR BABE DR.
 GILROY, CA 95020

REVISION:

REV:	DESCRIPTION:	DATE:

TITLE:
ELECTRICAL E1

SCALE: N/A DATE: 11-Jul-22

DRAWN BY:

 ANDRE LAINES
 (925) 800-5979
 DESIGN@LAYEREDCONCEPTZ.COM



LAYERED
CONCEPTZ