

OWNER'S INFORMATION

OWNER:
VINCENT MACKEWICZ
20975 COMANCHE TRAIL
LOS GATOS, CA 95033

APN: 588-17-073

REFERENCES

THIS GRADING AND DRAINAGE PLAN IS SUPPLEMENTAL TO:
1. TOPOGRAPHIC SURVEY BY LEA & BRAZE ENGINEERING, INC., ENTITLED:
"TOPOGRAPHIC SURVEY"
20975 COMANCHE TRAIL
LOS GATOS, CA 95033

2. SITE PLANS BY MH ENGINEERING CO., ENTITLED:
"SITE PLANS"
20975 COMANCHE TRAIL
LOS GATOS, CA 95033

THE CONTRACTOR SHALL REFER TO THE ABOVE NOTED SURVEY AND PLAN, AND SHALL VERIFY BOTH EXISTING AND PROPOSED ITEMS ACCORDING TO THEM.

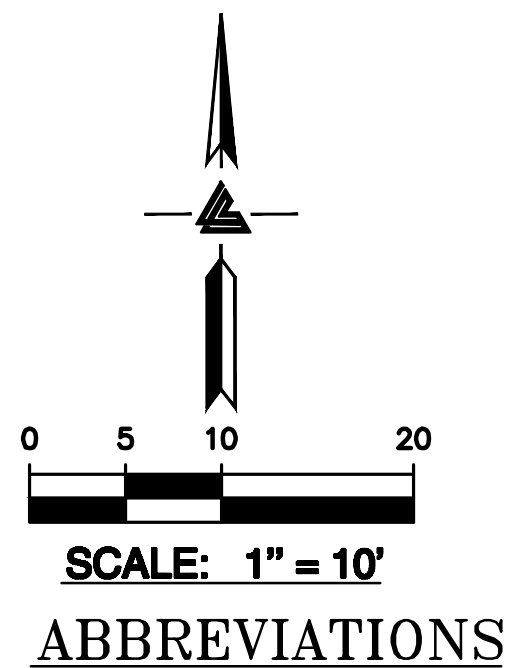
GENERAL INSTALLATION NOTES:

PERMITS:
CONSTRUCTION OF THE SEWAGE DISPOSAL SYSTEM SHALL NOT COMMENCE WITHOUT WRITTEN APPROVAL FROM CITY OF CUPERTINO AND SANTA CLARA COUNTY ENVIRONMENTAL HEALTH SERVICES.

PLAN CHANGES:
CHANGES TO THE PLANS OR SPECIFICATIONS SHALL BE MADE ONLY AFTER CONSULTATION WITH AND APPROVAL OF THE DESIGNER AND PERMITTING AGENCY.

INSTALLATION:
ALL INSTALLATION WORK SHALL BE IN ACCORDANCE WITH COUNTY OF SANTA CLARA.

LOCATION OF THE SEPTIC TANK AND LEACHING TRENCHES:
LOCATIONS SHOWN ON THE PLANS ARE SUBJECT TO ADJUSTMENT IN THE FIELD BY DESIGNER WITH APPROVAL OF THE PERMITTING AGENCY. TRENCHES SHALL BE INSTALLED ALONG LEVEL CONTOUR TO ENSURE THE TRENCH BOTTOM IS MAINTAINED LEVEL THROUGHOUT THE ENTIRE LENGTH. A TRIPOD-MOUNTED LASER SHALL BE REQUIRED ON SITE.



AD	AREA DRAIN
BFP	BACKFLOW PREVENTOR
CB	CATCH BASIN
CL	CENTER LINE
CO	CLEANOUT
DIV	DIVERSION VALVE
E	EFFLUENT
ELEV	ELEVATIONS
(E)	EXISTING
FL	FLOW LINE
INVT	INVERT ELEVATION
JT	JOINT TRENCH
LANDG	LANDING
MM AX	MAXIMUM
MIN	MINIMUM
(N)	NEW
NTS	NOT TO SCALE
O.C.	ON CENTER
P	PROPERTY LINE
RIM	RIM ELEVATION
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
TW/FG	TOP OF WALL/FINISH GRADE
TYP	TYPICAL
W/	WITH
WL	WATER LINE

SANTA CLARA COUNTY OWTS SETBACKS:

MINIMUM DISTANCES (IN FEET) MEASURED FROM:	DISPOSAL FEILD	SEPTIC TANK
ALL WELLS AND SPINGS	100'	100'
WATERCOURSES (TOP OF BANK)	100'	100'
RESERVOIRS (HIGHWATER MARK)	200'	200'
CUT OR STEEP EMBANKMENTS (TOP OF CUT)	4 X H**	10 FEET
STEEP SLOPES***	4 X H**	10 FEET
DRAINAGE/SWALE	50'	50'
FOUNDATION	10'	5'
PROPERTY LINE	10'	10'
SEPTIC TANKS	6'	N/A
SWIMMING POOL	25'	25'
ROAD EASEMENT, PAVEMENT, OR DRIVEWAY	5'	5'
PONDS AND LANSLIDES	100'	100'

** H EQUALS THE HEIGHT OF CUT OR EMBANKMENT IN FEET. THIS SETBACK DISTANCE REQUIREMENT MUST NOT BE LESS THAN 25 FEET OR MORE THAN 100 FEET.
*** AS DEFINED BY THE REGIONAL WATER QUALITY CONTROL BOARD HAVING JURISDICTION, BUT NOT EXCEEDING 67 PERCENT.
(M) NO PRIVATE SEWAGE DISPOSAL SYSTEM MAY BE APPROVED ON ANY PARCEL OF LAND WHERE PERCOLATION RATE EXCEEDS 120 MIN/INCH OR IS LESS THAN ONE MIN/INCH.
(N) NO PART OF ANY PRIVATE SEWAGE DISPOSAL SYSTEM MAY CROSS ANY PROPERTY LINE.
(O) UPON NOTICE FROM THE DIRECTOR THAT WORK ON THE SEWAGE DISPOSAL SYSTEM IS BEING CONDUCTED IN VIOLATION OF THIS CHAPTER, OR IN AN UNSAFE OR DANGEROUS MANNER, THE WORK MUST BE IMMEDIATELY STOPPED. THE STOP-WORK MUST BE ISSUED TO THE OWNER OF THE PROPERTY INVOLVED, OR THE OWNER'S AGENT, OR THE PERSON DOING THE WORK. IT MUST STATE THE CONDITIONS UNDER WHICH WORK MAY BE RESUMED. NO PRIVATE SEWAGE DISPOSAL SYSTEM MAY BE APPROVED ON ANY PARCEL OF LAND WHERE PERCOLATION RATE EXCEEDS 120 MIN/INCH OR IS LESS THAN ONE MIN/INCH.

PROJECT NARRATIVE:

PROJECT PROPOSES A RELOCATION OF A PORTION OF THE EXISTING LEACHLINE. THE JUSTIFICATION WAS MADE BASED ON THE EXPANSION OF EXISTING RESIDENCE DURING THE SITE ASSESSMENT WITH COUNTY STAFF.

TRENCHING NOTE:
ALL TRENCHING FOR THE PROPOSED LEACHFIELDS WITHIN THE DRIP LINES OF ANY SIGNIFICANT TREE WILL BE DONE BY HAND UNDER THE SUPERVISION OF THE PROJECT ARBORIST

NOTE:
COUNTY REQUIRES LEACH LINES TO BE STAKED OUT BY A SURVEYOR PRIOR TO INSTALLATION. FOR CONSTRUCTION STAKING SCHEDULING OR QUOTATIONS PLEASE CONTACT ALEX ABAYA AT LEA & BRAZE ENGINEERING (510)887-4086 EXT 116. aabaya@leabraze.com



RELOCATION PLANS FOR ON-SITE WASTEWATER TREATMENT SYSTEM [OWTS] 20975 COMANCHE TRAIL LOS GATOS, CALIFORNIA



STATEMENT OF CERTIFICATION:

AS THE CONSULTING PROFESSIONAL I HEREBY CERTIFY THAT THE SITE ASSESSMENT, SOIL PROFILES, AND PERCOLATION TESTING WERE PERFORMED UNDER MY OVERSIGHT AND IN CONFORMANCE WITH ATTACHMENT C OF THE SANTA CLARA COUNTY LU SYSTEMS MANUAL (MAY 2014).

LEGEND

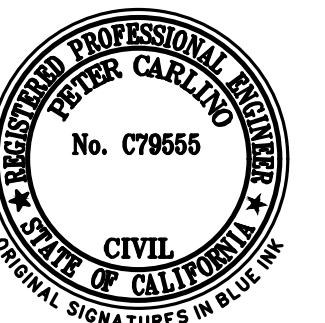
PROPOSED	DESCRIPTION
---	BOUNDARY
---	EXISTING LEACH LINE
---	PRIMARY LEACH LINE
---	EXPANSION LEACH LINE
---	RETAINING WALL
---	LANDSCAPE RETAINING WALL
TL	TIGHTLINE
E	EFFLUENT LINE
---	SET BACK LINE
W	WATER LINE
X	FENCE LINE
P	PRESSURE LINE
JT	JOINT TRENCH
SUB	SUBDRAIN LINE
Qdiv	DIVERSION VALVE
Qds	DOWNSPOUT
Qgv	GATE VALVE
BV	BALL VALVE AND END RISER
QSSCO	SANITARY SEWER CLEANOUT
QISP	INSPECTION WELL
AD	AREA DRAIN
SL	SEPTIC LID
222.57 INV	SPOT ELEVATION
200	CONTOURS

SEPTIC SYSTEM KEYNOTES 1 TO 3

- 1 RELOCATE EXISTING LEACHFIELDS PER SANTA CLARA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH STANDARD.
- 2 INSTALL DRAINFIELD SYSTEM AS SHOWN.
- 3 PROVIDE TREE PROTECTION FOR TREES TO REMAIN IN ACCORDANCE WITH THE ARBORIST REPORT.

Possible tree planting locations

AREA BELOW IS FOR SANTA CLARA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH USE ONLY:



LEA & BRAZE ENGINEERING, INC.
CIVIL ENGINEERS & LAND SURVEYORS
REGIONAL OFFICES:
SAN JOSE, CA 95128
DUBLIN, CA 94568
HAYWARD, CA 94545
SAN JOSE (510) 887-4086
WWW.LEABRAZE.COM

**MACKEWICZ RESIDENCE
20975 COMANCHE TRAIL
LOS GATOS, CALIFORNIA**

SEPTIC TITLE SHEET

REVISIONS	BY
JOB NO:	2230846
DATE:	07-10-23
SCALE:	AS NOTED
DESIGN BY:	KA
CHECKED BY:	JH
SHEET NO:	

SS-1

OF 01 SHEETS