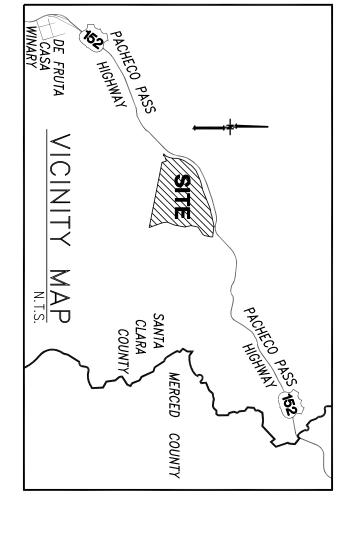
L:\Projects2002\23009\dwg\23009C1.dwg 5/13/2021 10:56:28 AM PDT UTILITY LOCATION,

SURVEY MONUMENT PRESERVATION LOCATE, STAKE, AND FLAG ALL



LEGEND PROPOSED

DESCRIPTION
PROPERTY LINE
CENTER LINE
LIMIT OF WORK LINE
FLOWLINE
CITY LIMIT LINE
EDGE OF PAVEMENT

COUNTY LOCATION

SITE

MAP

1. EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE TO A COUNTY APPROVED DISPOSAL SITE. WHERE FILL MATERIAL IS TO BE PLACED ON NATURAL GROUND, IS SHALL BE STRIPPED OF ALL VEGETATION. TO ACHIEVE A PROPER BOND WITH THE FILL MATERIAL, THE SURFACE OF THE GROUND SHALL BE SCARIFIED TO DEPTH OF 8" BEFORE FILL IS PLACED. WHERE NATURAL GROUND IS STEEPER THAN 8:1, IT SHALL BE BENCHED AND THE FILL KEYED IN TO ACHIEVE STABILITY. WHERE NEW FILL IS TO BE PLACED ON EXISTING FILL THE EXISTING FILL SHALL BE REMOVED UNTIL MATERIAL COMPACTED TO 90% RELATIVE COMPACTION IS EXPOSED. THEN THE NEW FILL MATERIAL SHALL BE PLACED IN UNIFORM LIFTS NOT EXCEEDING 6" IN UNCOMPACTED THICKNESS. BEFORE COMPACTION BEGINS, THE FILL SHALL BE BROUGHT TO A WATER CONTENT THAT WILL PERMIT PROPER COMPACTION BY EITHER 1) AERATING THE FILL IF IT IS TOO WET OR 2) MOISTENING THE FILL WITH WATER IF IT IS TOO DRY. EACH LIFT SHALL BE THOROUGHLY MIXED BEFORE COMPACTION TO ENSURE A UNIFORM DISTRIBUTION OF MOISTURE. 2. EXCESS CUT MATERIAL SHALL NOT BE SPREAD OR STOCKPILED ON THE SITE. SURPLUS EARTH FILL MATERIAL SHALL BE PLACED IN A SINGLE (8" MAX) THICK LAYER COMPACTED TO WITHSTAND WEATHERING IN THE AREA(S) DELINEATED ON THE PLAN. 4. NO ORGANIC MATERIAL SHALL BE PLACED IN ANY FILL. NO TREES SHALL BE REMOVED OUTSIDE OF CUT, FILL OR ROADWAY AREAS. 5. THE UPPER 6" OF SUBGRADE BELOW DRIVEWAY ACCESS ROAD OR PARKING AREA SHALL BE 2 HORIZONTAL TO 1 VERTICAL. MAXIMUM FILL SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL. MAXIMUM FILL SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL. CUT (C.Y.) | FILL (C.Y.) | VERT. DEPTH 4,032 4,032 13'

<u>GENERAL</u>

CONDITIONS

GRADING

ANDSCAPING AND EROSION CONTROL

	NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE.
	EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP
	SITE.
7.	NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY
	GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
<u></u> .∞	ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER
	BEFORE IT IS BROUGHT TO THE SITE.
9.	THE UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE
	CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%

WDID NO.______THE INSPECTOR MAY VERIFY THAT A VALID NOTICE OF INTENT (NOI) HAS BEEN ISSUED BY THE STATE AND THAT A CURRENT AND UP TO DATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS AVAILABLE ON SITE.

1. THE DEVELOPER'S ENGINEER IS RESPONSIBLE FOR THE INITIAL PLACEMENT AND REPLACEMENT OF CONSTRUCTION GRADE STAKES. THE STAKES ARE TO BE ADEQUATELY IDENTIFIED, LOCATED, STABILIZED, ETC. FOR THE CONVENIENCE OF CONTRACTORS. LATERAL OFFSET OF STAKES SET FOR CURBS AND GUTTERS SHALL NOT EXCEED 2 1/2 FEET FROM BACK OF CURB.

2. ANY PROPERTY LINE STAKES OR ROAD MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY DEVELOPER'S ENGINEER AND LICENSED LAND SURVEYOR.

3. PROPERTY LINE STAKING MUST BE PERFORMED BY THE PROJECT ENGINEER OR LAND SURVEYOR TO ESTABLISH OR RE-ESTABLISH THE PROJECT BOUNDARY AND SHALL BE INSPECTED BY THE COUNTY INSPECTOR PRIOR TO THE BEGINNING OF THE WORK.

4. PROPER CONSTRUCTION STAKES SHALL BE SET IN THE FIELD BY THE PROJECT ENGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR PRIOR TO THE SUGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR PRIOR TO THE COMMENCEMENT OF GRADING.

CONSTRUCTION STAKING

TREE PROTECTION

CONSTRUCTION INSPECTION

1. FOR ALL TREES TO BE RETAINED WITH A CANOPY IN THE DEVELOPMENT AREA OR INTERFACES WITH THE LIMITS OF GRADING FOR ALL PROPOSED DEVELOPMENT ON SITE, THE TREES SHALL BE PROTECTED BY THE PLACEMENT OF RIGID TREE PROTECTIVE FENCING, CONSISTENT WITH THE COUNTY INTEGRATED LANDSCAPE GUIDELINES, AND INCLUDE THE FOLLOWING:

A. OF THE TREE OR GROVE OF TREES.

B. THE FENCING SHALL BE PLACED ALONG THE OUTSIDE EDGE OF THE DRIPLINE CONSTRUCTION PERIOD AND SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION.

C. FENCING SHALL BE REPAIRED, AS NECESSARY, TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES.

D. SIGNAGE STATING, "WARNING— THIS FENCING SHALL NOT BE REMOVED WITHOUT PERMISSION FROM THE SANTA CLARA COUNTY PLANNING OFFICE (408) 299–5770. COUNTY OF SANTA CLARA TREE PROTECTION MEASURES MAY BE FOUND AT http://www.sccplonning.gov." SHALL BE PLACED ON THE TREE PROTECTIVE FENCING UNTIL FINAL OCCUPANCY.

2. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, TREE PROTECTIVE FENCING SHALL BE SECURELY IN PLACED AND INSPECTED BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR.

3. SEE EXISTING TREE PROTECTION DETAILS FOR MORE INFORMATION.

DRIVEWAY LOCATIONS SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS WIT CENTERLINE STATIONING. THE MINIMUM CONCRETE THICKNESS SHALL BE 6 INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES ROADS AND DRIVEWAYS

A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF PROPOSED ROADWAYS (EITHER PRIVATE OR TO BE DEDICATED TO PUBLIC USE)

B) FROM AREAS AFFECTED BY THE PROPOSED GRADING EXCEPT WHERE NOTED ON THE PLANS.
IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MOVE OR RELOCATE UTILITY POLES AND OTHER OBSTRUCTIONS IN THE WAY OF CONSTRUCTION.

EXISTING TREES AUTHORIZED FOR REMOVAL, ROOTS, AND FOREIGN MATERIAL IN AREAS TO BE IMPROVED WILL BE REMOVED TO AN AUTHORIZED DISPOSAL SITE AS FOLLOWS:

A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF TWO FEET BELOW THE FINISHED GRADE OF TWO FEET BELOW.

CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-277-2600 A MINIMUM OF 24 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND

TRENCHING & BACKFILL

INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES PER FOOT).

2. ALL DRIVEWAY OR COMMON ACCESS ROAD SECTIONS IN EXCESS OF 15 LONGITUDINAL SLOPE MUST BE PAVED WITH A MINIMUM 2-INCH ASPHALT LIFT OR FULL DEPTH CONCRETE LIFT PRIOR TO ANY COMBUSTIBLE FRAMING.

3. THE OWNER AND PRIME CONTRACTOR ARE RESPONSIBLE FOR MAINTAINING PROJECT SITE ACCESS AND NEIGHBORHOOD ACCESS FOR EMERGENCY VEHICLES AND LOCAL RESIDENTS.

4. ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN ON THE PLAN WILL NOT BE ELIGIBLE FOR COUNTY MAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO THE PUBLIC MAINTENANCE ROAD STANDARDS APPROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR ACCEPTANCE INTO THE COUNTY'S ROAD SYSTEM.

5. ALL WORK IN THE COUNTY ROAD RIGHT-OF-WAY REQUIRES AN ENCROACHMENT PERMIT FROM THE ROADS AND AIRPORTS DEPARTMENT. EACH INDIVIDUAL ACTIVITY REQUIRES A SEPARATE PERMIT - I.E. CABLE, ELECTRICAL, GAS, SEWER, WATER, RETAINING WALLS, DRIVEWAY APPROACHES, FENCES, LANDSCAPING, TREE REMOVAL, STORM DRAINAGE IMPROVEMENTS, ETC...

STREET LIGHTING

ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING UNDERGROUND CONDUITS OR FACILITIES SHALL BE THE INDIVIDUAL CONTRACTORS RESPONSIBILITY. PLAN LOCATIONS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.

ALL UNDERGROUND INSTALLATIONS SHALL BE IN PLACE AND THE TRENCH BACKFILLED AND COMPACTED BEFORE PLACING AGGREGATE BASE MATERIAL OR SUBFACE STRUCTURES. SURFACING MAY BE DONE IF THE UTILITY COMPANY CONCERNED INDICATES BY LETTER THAT IT WILL BORE. UNLESS SPECIFICALLY AUTHORIZED BY THE COUNTY, GAS AND WATER MAINS SHALL BE INSTALLED OUTSIDE THE PAVED AREAS.

TRENCH BACKFILL IN EXISTING PAVEMENT AREAS SHALL BE SAND MATERIAL IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE SPECIFICATIONS. THE STRUCTURAL SECTION FOR TRENCH REPLACEMENT SHALL CONSIST OF NOT LESS THAN 12 INCHES OF APPROVED AGGREGATE BASE MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 95% AND 4 INCHES OF HOT ASPHALT CONCRETE PLACED IN TWO LIFTS. TRENCH RESTORATION FOR HIGHER TYPE PAVEMENTS SHALL BE SAND MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 90%. THE RECOUREMENT FOR SELECT MATERIAL MAY BE WAIVED BY COUNTY IF THE COMPACTION REQUIREMENTS WILL NOT BE THEREBY WAIVED.

BACKFILL AND TRENCH RESTORATION REQUIREMENTS SHALL APPLY AS MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC AGENCIES. ALL MATERIALS AND METHODS OF CONSTRUCTION OF SANITARY SEWERS SHALL CONFORM TO THE SPECIFICATIONS OF THE JURISDICTION INVOLVED. INSPECTION OF SANITARY SEWER WORK SHALL BE DONE BY SAID JURISDICTION. PACIFIC GAS & ELECTRIC ELECTROLIER SERVICE FEE SHALL BE PAID BY DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE. THE SANITARY SEWER AND WATER UTILITIES SHOWN ON THESE PLANS ARE NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR REFERENCE ONLY.

ORTLAND CEMENT CONCRETE

TAINING WALLS

REINFORCED CONCRETE AND CONCRETE MASONRY UNIT RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR AND ENGINEER OF RECORD PRIOR TO POURING THE FOUNDATION AND FORMING THE WALL. CONCRETE USED FOR STRUCTURAL PURPOSES SHALL BE CLASS "A" (6 SACK PER CUBIC YARD) AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. CONCRETE PLACED MUST DEVELOP A MINIMUM STRENGTH FACTOR OF 2800 PSI IN A SEVEN-DAY PERIOD. THE CONCRETE MIX DESIGN SHALL BE UNDER THE CONTINUAL CONTROL OF THE COUNTY INSPECTOR.

CONSTRUCTION AREAS AT LEAST TWICE DAILY.
HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR
KS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD.
R THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL
L UNPAVED ACCESS ROADS, PARKING AREAS AND STAGING
UCTION SITES.
WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING
WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING

1. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY.
2. COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD.
3. PAVE, APPLY WATER THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS AT CONSTRUCTION SITES.
4. SWEEP DAILY (WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AT CONSTRUCTION SITES.
5. SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED ONTO ADJACENT PUBLIC STREETS. THE USE OF DRY POWDER SWEEPING IS PROHIBITED.
6. ALL CONSTRUCTION VEHICLES, EQUIPMENT AND DELIVERY TRUCKS SHALL HAVE A MAXIMUM IDLING TIME OF 5 MINUTES (AS REQUIRED BY THE CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE TITLE 13, SECTION 2485 OF CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE TITLE 13, SECTION 2485 OF CALIFORNIA CODE OF REGULATIONS (CCR)). ENGINES SHALL BE SHUT OFF IF CONSTRUCTION REQUIRES LONGER IDLING TIME UNLESS NECESSARY FOR PROPER OPERATION OF THE VEHICLE.
7. ALL VEHICLE SPEEDS ON UNPAVED ROADS SHALL BE LIMITED TO 15 MILES PER HOUR.

ALL CONSTRUCTION EQUI
IN ACCORDANCE WITH M
SHALL BE CHECKED BY
RUNNING IN PROPER CO)
POST A SIGN THAT IS A:
HEIGHT VISIBLE NEAR TH
THE FOLLOWING REQUIRE
FROM ROADS DEPARTMEI
A. 15 MILES PER I
B. 5 MINUTES MA)
C. TELEPHONE NUI
MANAGEMENT I EQUIPMENT SHALL BE MAINTAINED AND PROPERLY TUNED I'H MANUFACTURER'S SPECIFICATIONS. ALL EQUIPMENT BY A CERTIFIED MECHANIC AND DETERMINED TO BE CONDITION PRIOR TO OPERATION.

SAT LEAST 32 SQUARE FEET MINIMUM 2 INCHES LETTER IS AT LEAST 32 SQUARE FEET MINIMUM 2 INCHES LETTER IS AT LEAST 32 SQUARE FEET MINIMUM 2 INCHES LETTER IS THE ENTRANCE OF CONSTRUCTION SITE THAT IDENTIFIES DUIREMENTS. OBTAIN ENCROACHMENT PERMIT FOR SIGN THE ENTRANCE OF FEHICLES

MAXIMUM IDLING TIME OF VEHICLES

NAXIMUM IDLING TIME OF VEHICLES

INT DISTRICT REGARDING DUST COMPLAINTS. NOTE PHONE OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT AIR INCOMPLAIN HOTLINE OF 1—800—334—6367.

ALL BE COMPACTED AND LEFT IN A SMOOTH AND FIRM OF MITHSTANDING WEATHERING.

OF WITHSTANDING WEATHERING.

REED AREAS SHALL BE SEEDED WITH BROME SEED SPREAD LB. PER 1000 SQUARE FEET (OR APPROVED EQUAL).

POLLUTION CONPOLLUTION CONALL FILL SLOPES SHALL EXPOSED DISTURBED
AT THE RATE OF 5 LB. F
SEEDING AND WATERING
GROWTH.

AT IHE NAME SEEDING AND WATERING SHALL BE INSTALLED WITH EFFECTIVE SEEDING AND WATERING SHALL BE LINED PER COUNTY STANDARD SDB.

12. ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SDB.

13. ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALLS. ARE NOT INTO AN EXISTING CREEK OR WATER COURSE, RUNOFF SHALL BE RELEASED TO SHEET FLOW.

14. PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRADED AREAS SHALL BE RESEEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADE SLOPES AND REDUCE THE POTENTIAL FOR EROSION OF THE SUBJECT SITE.

15. PERMANENT LANDSCAPING SHOWN ON THE ATTACHED LANDSCAPE PLAN MUST BE INSTALLED AND FIELD APPROVED BY THE COUNTY PLANNING OFFICE PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER, AND FINAL OCCUPANCY RELEASE BY THE BUILDING INSPECTION OFFICE.

16. THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE COUNTY NUSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR.

17. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTURITIES SHALL INSTALL AND MAINTAIN CONSTRUCTION BEST MANAGEMENT FRACTICES (BMPS) ON THE PROJECT SITE AND WITHIN THE SANTA CLARA COUNTY RIGHT-OF-WAY THROUGHOUT THE DURATION OF THE CONSTRUCTION ANTENALS, EXCAVATED ANTENALS, AND WASTE INTO THE SANTA CLARA COUNTY RIGHT-OF-WAY, STORM SEWER WATERWAYS, ROADWAY INFRASTRUCTION ANTENALS, EXCAVATED MATERIALS, AND WATER AND THE FOLLOWING.

A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND THE CONTRACTION SITE AND THE CONTRACTOR'S MATERIAL AND THE CONTRACTION AND THE FOLLOWING.

A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND THE CONTRACTION AND THE POLLOWING.

A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONTRACTION AND THE POLLOWING.

A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN / STAGING AREAS.

B. PREVENTION OF TRACKING OF MUD, DIRT, AND CONSTRUCTION MATERIALS ONTO THE PUBLIC ROAD RIGHT—OF—WAY.

C. PREVENTION OF DISCHARGE OF WATER RUN—OFF DURING DRY AND WET WEATHER CONDITIONS ONTO THE PUBLIC ROAD RIGHT—OF—WAY.

18. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON—HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE SANTA CLARA COUNTY ROAD RIGHT—OF—WAY.

19. EROSION CONTROL PLAN IS A GUIDE AND SHALL BE AMENDED AS NECESSARY TO PREVENT EROSION AND ILLICIT DISCHARGES ON A YEAR AROUND BASIS, DEPENDING ON THE SEASON, WEATHER, AND FIELD CONDITIONS. EROSION CONTROL MEASURES IN ADDITION TO THOSE NOTED IN THE PERMITTED PLANS MAY BE NECESSARY. FAILURE TO INSTALL SITE SITE AND SITUATIONALY APPROPRIATE EROSION CONTROL MEASURES MAY RESULT IN VIOLATIONS, FINES, AND A STOPPAGE OF WORK.

STORM DRAINAG AND STORMWATER MANAGEMENT

1. DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES
WHETHER SHOWN ON THE PLANS OR NOT AND HE OR HIS SUCCESSOR
PROPERTY OWNERS ARE RESPONSIBLE FOR THE ADEQUACY AND CONTINUED
MAINTENANCE OF THESE FACILITIES IN A MANNER WHICH WILL PRECLUDE ANY
HAZARD TO LIFE, HEALTH, OR DAMAGE TO ADJOINING PROPERTY, CONSISTENT
WITH NPDES PERMIT CAS612008 / ORDER NO. R2-2009-0047 AND NPDES
PERMIT CAS000004/ ORDER NO. 2013-0001-DWQ.
2. DROP INLETS SHALL BE COUNTY STANDARD TYPE 5 UNLESS OTHERWISE NOTED
ON THE PLANS. THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR THE
PROPER LOCATION OF DROP INLETS. WHERE STREET PROFILE GRADE EXCEEDS
6% DROP INLETS SHALL BE SET AT 500 ANGLE CURB LINE TO ACCEPT WATER
OR AS SHOWN ON THE PLANS.
3. WHERE CILL VERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE JILET DITCH TO DRAIN TO AN EXISTING SWALE ON TO INTERFLOW.

JET FLOW.

JET FL LED THE DEVELOPER SHALL BE RESPONSIBLE TO AN

PLANS <u>STATEMENT</u>

THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (____ WERE) (____ WERE NOT) MINOR FIELD CHANGES — MARKED WITH THE SYMBOL (^). THERE (____WERE) (___ WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL . \triangle

<u>GEOTECHNICAL</u> ENGINEER OBSERVATION

A CONSTRUCTION OBSEF ENGINEERING GEOLOGIST WORK WAS DONE IN AC GEOLOGIC REPORTS SHA OF THE BOND. ERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND IT DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND FALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE

EXISTING TREE **PROTECTION DETAILS**

1. PRIOR TO THE COMMENCEMENT OF ANY GRADING, TREE PROTECTIVE FENCING SHALL BE IN PLACE IN ACCORDANCE WITH THE TREE PRESERVATION PLAN AND INSPECTED BY A CERTIFIED ARBORIST. THE ARBORIST SHALL MONITOR CONSTRUCTION ACTIVITY TO ENSURE THAT THE TREE PROTECTION MEASURES ARE IMPLEMENTED AND ADHERED TO DURING CONSTRUCTION. THIS CONDITION SHALL BE INCORPORATED INTO THE GRADING PLANS.

2. FENCE SHALL BE MINIMUM 5 FEET TALL CONSTRUCTED OF STURDY MATERIAL (CHAIN—LINK OR EQUIVALENT STRENGTH/ DURABILITY).

3. FENCE SHALL BE SUPPORTED BY VERTICAL POSTS DRIVEN 2 FEET (MIN) INTO THE GROUND AND SPACED NOT MORE THAN 10 FEET APART.

4. TREE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE DURING THE CONSTRUCTION PERIOD, INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION, REPAIRED AS NECESSARY TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES, AND REMAIN IN PLACE UNTIL THE FINAL INSPECTED.

NO WORK SHALL BE DONE IN THE COUNTY'S RIGHT-OF-WAY WITHOUT AN ENCROACHEMENT PERMIT, INCLUDING THE STAGING OF CONSTRUCTION MATERIAL AND THE PLACEMENT OF PORTABLE TOILETS. SIGN THAT INCLUDES THE WORDS, "WARNING: THIS FENCE SHALL NOT BE MOVED WITHOUT THE EXPRESSED PERMISSION OF THE SANTA CLARA JUNTY PLANNING OFFICE," SHALL BE SECURELY ATTACHED TO THE FENCE A VISUALLY PROMINENT LOCATION.

J, b			
+ 7000			
are a mix	(*)	Туре	TREES
of Dine	Ø₌	Size	TO BE
The trees are a mix of Dine Modesto Ash and Cotte	60	Quantity	II REMOVED
+			

וככוובט סע	COUNTY OF SANTA CLARA - DEPT. ROADS AND AIRPORTS	
	OADS AND AIRPORTS	

PERMIT NO.	GRADING / DRAINAGE PERMIT NO.	
COUNTY OF SANTA CLARA LAND DEVELOPMENT ENGINEERING & SURVEYING	COUNT LAND DEVELOPMEN	
IT NO	ENCROACHMENT PERMIT NO.	
DATE	ISSUED BY	
COUNTY OF SANTA CLARA - DEPT. ROADS AND AIRPORTS	COUNTY OF SANTA CL	

NOTES:

SLOPE EASEMENT

DOC.

NO.

2093664430

NO.

18886448

DOC. NO. 18563296

A5

SECTION SHEET NO.

DETAIL

TELEPHONE
JOINT TRENCH
FENCE, TYPE A
BENCH MARK

AS SHOWN

SANITARY SEWER WATER MAIN

EASEMENT STORM DRAIN

SIDEWALK

CURB AND GUTTER

DRIVEWAY APPROACH

PACHECO CONDUIT EASEMENT

NSA

BK 1957 O.R. 630

DOC NO. 20936663

BK M547 O.R. 322

NO.

20502973

40' WIDE N.E.A.E. & U.E.

40' WIDE R/W & I.E.E.

40' WIDE I.E.E.

BK N780 O.R. 2160

DOC. NO. 11604332

FILE DOCUMENT

40' WIDE A.U.E.

Easements of Record

EASEMENT DESCRIPTION

* PRIOR TO GRADING COMPLETION AND RELEASE OF BOND, ALL GRADED AREAS SHALL BE RESEEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADED SLOPES AND REDUCE THE POTENTIAL FOR EROSION ON THE SUBJECT SITE. ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN UPON THIS PLAN WILL NOT BE ELIGIBLE FOR COUNTY IAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO PUBLIC MAINTENANCE ROAD STANDARDS PROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR CCEPTANCE INTO THE COUNTY'S ROAD SYSTEM. THE WATER AND SANITARY UTILITIES SHOWN EFERENCE ONLY. PROTECTION OF PIPELINE FROM CONSTRUCTION EQUIPMENT: UNCOMPACTED BACKFILL SHALL BE PLACED TO A MINIMUM DEPTH JOING METERS AND COMPACTED BACKFILL TO A MINIMUM DEPTH OF 0.60 METER ABOVE THE TOP OF THE PIPE BEFORE STRUCTION EQUIPMENT SHALL BE ALLOWED TO TRAVEL OVER THE PIPE.

R THESE MINIMUM EARTH COVERS ARE IN PLACE, THE MAXIMUM EQUIPMENT LOAD ALLOWED OVER THE PIPE SHALL BE HS-20 DING IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, AASHTO, TWELFTH EDITION.

HE CONTRACTOR PROPOSES TO USE CONSTRUCTION EQUIPMENT THAT EXERTS A LARGER LOAD ON TOP OF THE PIPE, THE STRUCTION EQUIPMENT LOADINGS SHALL BE SUBMITTED TO THE PROJECT CONSTRUCTION ENGINEER, PO BOX 67, GILROY, FORNIA 95020, FOR ANALYSIS AND DETERMINATION OF REQUIRED BACKFILL DEPTHS OR OTHER PROTECTIVE MEASURES. THESE PLANS ARE NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR

SCOPE

9

WORK:

 \Diamond \square

JOINT POWER POLE

 \triangleleft

CURB INLET DROP INLET

SWALE / FLOW LINE

ON SITE:

1. Install Santa Clara County SD2 Private Access Road per detail B-B on Sheet Drive station 0+00 to 17+04.

2. Install Bio Swale along SD2 Private Access Road per detail B-B on Sheet 2.

3. Install CalFire approved Turnarounds at stations 11+30 and 17+04.

OFF SITE Install Sa

Install Santa Clara County SD3 Private Access Road with 20' of pavement and 2' AB shoulders pe detail A—A on Sheet 2 from Main Road station 0+86 to 19+15.
Install Bio Swale along SD3 Private Acess Road per detail A—A on Sheet 2.
Install signage at entrance of bridge for load capacity, speed limit and maximum axles.
Install Santa Clara County SD2 Private Access Road with 20' of pavement and 2' AB shoulder per detial B—B on sheet 2 from Lovers Leap Drive station 0+00 to 17.04, of Loverleap Drive.
Replace existing culverts on Lovers Leap Drive at stations 4+66 and 9+91.
Install road drainage improvements as shown on Preliminary Grading Plans.
Install CalFire approved turnaorunds at Main Road stations 5+50 and 19+15.

ENGINEER'S STATEMENT

the approved tentative r in compliance with adopted County Standards, and conditions of approval pertaining thereto

R.C.E. No./Expiration 12/31/21

TOTAL DISTURBED

AREA =

ACRES

TOTAL SITE

COVER SHEET & NOTES

SHEET INDEX

TOTAL IMPERVIOUS AREA =

76,863 SF



Christopher Freitas

5 is at official

Note: Grading work between Oct. 15 and April 15 the discretion of the Santa Clara Building o

42107 3/31/22 R.C.E. No./Expiration

Developer, permit authorizing construction does not release the Correction of errors or omissions contained in the plans. If, during the course of construction, the public interest requires a modification of (or a departure from) the specifications or the plans, the County shall have the authority to require the suspension of work and the necessary modification or departure in which the specify the manner in which the same

MH engineering PLAN PROFILE MAIN RD. (STA 0+00-11+00) PLAN PROFILE MAIN RD. (STA 11+00-19+92.61) PLAN PROFILE DRIVEWAY (STA 00+00-11+00) PLAN PROFILE DRIVEWAY (STA 11+00-17+04.10) & LANDSCAPE PLAN 16075 Vineyard Boulevard Morgan Hill, CA 95037 408-779-7381

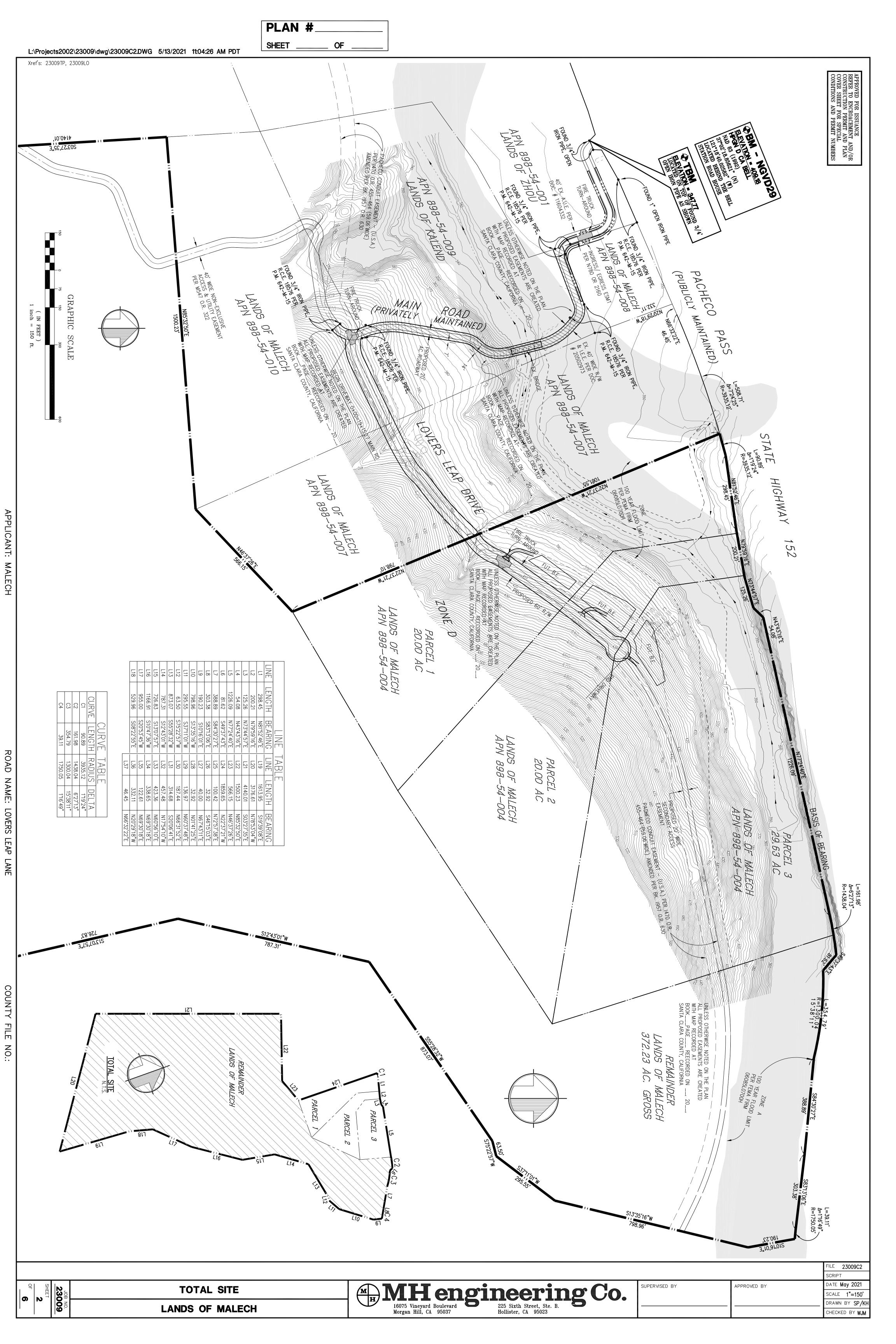
Co.

COVER SHEET & NOTES ANDS 9 MALECH

APN 898 CHECKED -54-004

	ZI, MM		SHET THE
E May 2021	SCALE 1" = 100'	APPROVED	<u> </u>
ISION I	DATE	JOB NO. 23009	À •
ISION 2	DATE		g
		CO. FILE NO.	D
ISION 3	DATE		0

APPLICANT: MALECH



PLAN # SHEET _____ L:\Projects2002\23009\dwg\23009C3.DWG 5/13/2021 11:13:42 AM PDT Xref's: 23009-3D, 23009L0, 23009-hatch, 23009TP-40SCALE ASSUMED ELEVATION = 347.77

LOCATED ON TOP OF FOUND 3/4

IRON PIPE AS SHOWN DATUM EL. 315.00 STA: 0+86. BEGIN WORK - <u>\$22.14'31"E</u> - <u>47.10'</u> *NSTALL IRPORTS SID.* & *YEET NAME SIGN* 89.09°60, 349.6 348.4 BEGIN WORK STA 0+86.54 CL FG420.80 PACHECO 1+00 347.3 BVC\$: 1+12.27 BVCE: 346.47 346.3 346.1 PA 345.9 LANDS OF ZHOU APN 898-54-001 SS 345.7 HIGHWA EVCS: 2+12.27 EVCE: 345.37 345.8 345.9 345.9 346.0 346.1 OPOSED FG @ 100 PER YEAR FEMA 346.3 R FLOOD LIMIT A FIRM 06085L0700H ZONE PROPOSED BIO SWALE (TYP) 346.6 × Σ X 346.7 LANDS OF MALECH APN 898—54—008 ROAD PROFILE

H SCALE: 1"=40'

/ SCALE: 1"=40' *5+00* 346.6 APPLICANT: — PROPOSED BIO SWALE S (TYP) 346.6 GRAPHIC 48+63.42, OUTFALL (19.3' R)

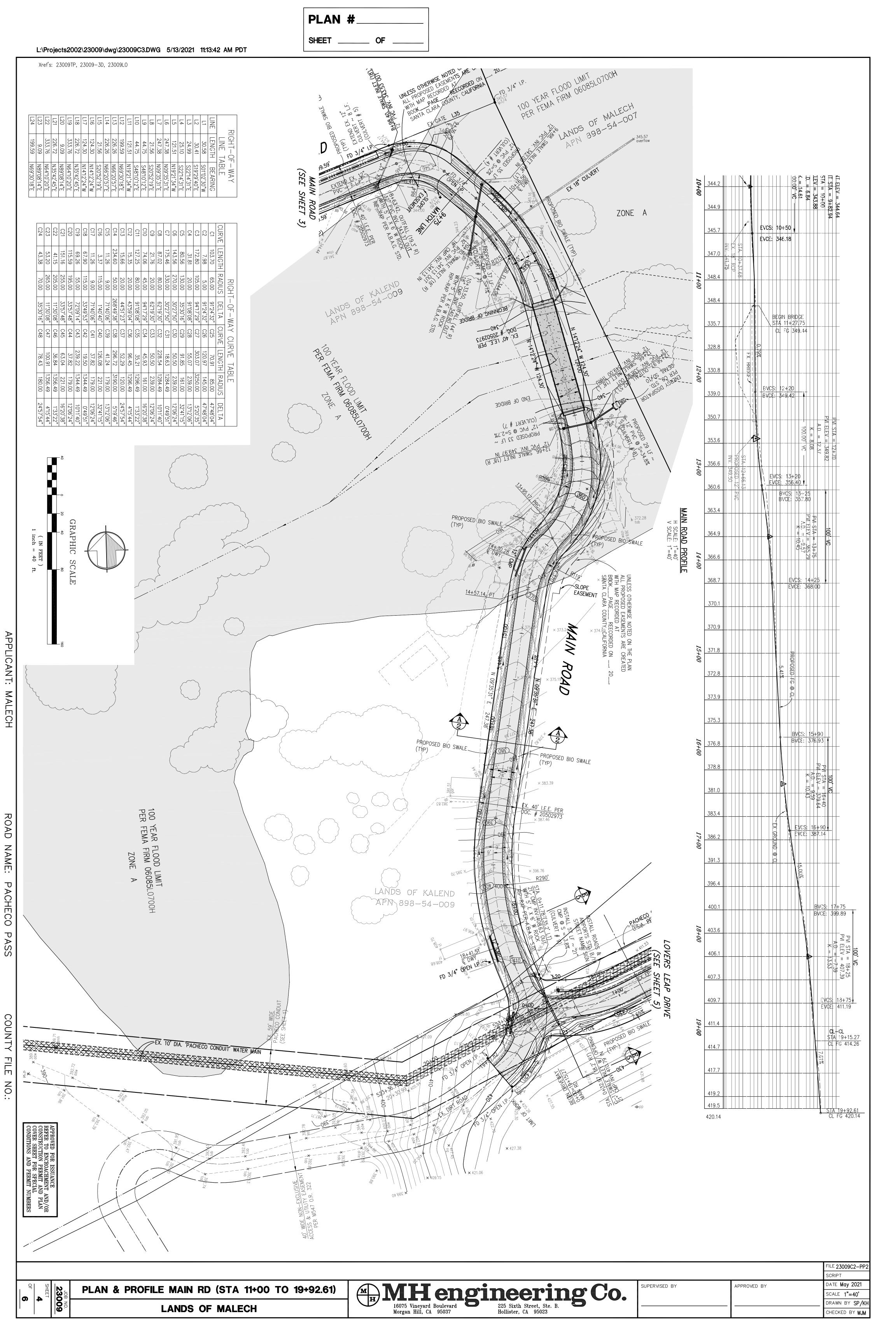
122. PVC INV. 343.37 OUT

RIP-RAP PER A.B.A.C. STD. (IN FEET) inch = 40 ft. MALECH 346.6 SCALE 6+00 346.9 BVCE: 346.84 346.9 346.8 E ___ REECORDED ON CALIFORNIA EVCS: 7+00 7+00 346.6 ROAD EVCE: 346.73 L36 ROPÓSED BIO SWALE (TYP), _, 20_ NAME: 100 YEAR FLOOD LIMIT PER FEMA FIRM 06085L0700H EX 18" BV¢S: | 7+75 APN S **PACHECO** BVCE: 346.34 V 8+00 PASS BIO SWALE (TYPICAL) (SEE DETAIL BELOW) EVCS: 8+75 EXTEND OF ROCK SLOPE PROTECTION CALCULATION TO BE PROVIDED EVCE: 345.83 9+00 346.0 COUNTY INTERSPERSED INFLOW AT CURB CUTS 345.2 BVCS: 9+50 345.1 BVCE: 345.01 BIORETENTION DETAIL SCALE: NONE TYPICAL SECTION A-A:
SCALE: NONE FILE 344.4 -3" AC ON 6.5" CL II AB

(*): PER SOILS ENGINEER'S RECOMMENDATION
FOR T.I. OF 5.0 NO:: 10+00 344.2 344.9 SPILLWAY CUT INTO CREEK DAMS EVCS: 10+-50 345.7 MAIN ROAD PLAN CHECK DAMS EVCE: 346.18 347.0 DAMS IF REQUIRED ON ADJACENT SLOPE TO 11+00 348.4 DETAIL: SCALE: NON 6" DEEP BIO SWALE (TYPICAL. SEE DETAIL BELOW) BIO SWALE SEE SHEET 3 FILE 23009C2-PP VIHENSINEERING CO.

16075 Vineyard Boulevard
Morgan Hill, CA 95037

Street, Ste. B.
Hollister, CA 95023 DATE **May 2021** APPROVED BY SUPERVISED BY PLAN & PROFILE FOR MAIN ROAD 23009 SCALE 1"=40' 3 DRAWN BY SP/KH (STA 0+00 TO 11+00) - LANDS OF MALECH CHECKED BY WJM



PLAN # OF SHEET L:\Projects2002\23009\dwg\23009C3.DWG 5/13/2021 11:13:42 AM PDT Xref's: 23009LO, 23009TP, 23009-3D APPROVED FOR ISSUANCE
REFER TO ENCROACHMENT AND/OR
CONSTRUCTION PERMIT AND PLAN
COVER SHEET FOR SPECIAL
CONDITIONS AND PERMIT NUMBERS 4 OPEN I.P. 418 422 410 FD 3/4" CL-CL STA 0+00= STA 19+15.27 400 CL FG 414.26 **412.9** 414.26 BVCS: 0+25 BVCE: 415.00 PACHECO CONDUIT-416.0 PVI STA = 0+75PVI ELEV = 417.65A.D. = -6.52K = 15.344164125.88 40 STA 0+32.97 (18.2' RT)
G-1 SWALE NLET W/ OPENING
21" CMP INV 410.79 IN MSTALL ROADS &

STA. OHIL 78 (35.2 LT)

(CULVERT # 9)

(STA. OHIL 78 (35.2 LT)

(STA. OHIL 78 (3 MIN. 12"—CLEARANCE GROUND ELEV. MAIN ROAD 1+0-9 4174147.34 SECTION E-E

H SCALE: 1"=20'
V SCALE: 1"=8' @ EVCS: 1+25 EVCE: 417.03 (TYP.) 416.2 1+75 | | MAT¢H LINE 416.73 FG ELEV. @ CL (TYP.) DROP INLET W/ DITCH OPENINGS * 2+00 LEGEND:

PER IMPROVEMENT PLANS FOR PACHECO CONDUIT

PREPARED BY THE U.S. DEPARTMENT OF THE INTERIOR

BUREAU OF RECLAMATION — CENTRAL VALLEY PROJECT

SAN FELIPE DIVISION — CALIFORNIA ON SEP. 8, 1983 **4**15.9 PROPÓSED 60 I.E. & P.S.E. 416.11 EX. GROUND BROW SWALE GRAPHIC 415.5 (IN FEET inch = 40 415.50 LANDS OF MALECH APN 898-54-010 SCALE BVCS: 3+00 BVCE: 414.88 414.8 EX. SLOPE EASEMENT - PER DOC. # 2093664 414.88 370 378 PVI STA = 3+50 PVI ELEV = 414.27 A.D. = -12.84 K = 7.79 413.3 412.66 16' CK RIP RAP 406.7 407.23 67 AF~ 30" BVC5: 4+25 BVCE: 403.72 LENGTH OF WALL "W" MAY BE VARIED IN THE FIELD. ALL REINFORCING STEEL #4 BARS. TIE BARS 18" MAXIMUM SPACING. PACHECO CONDUIT 397.5 LOVERS LEAP DRIVE PROFILE

H SCALE: 1"=40'
V SCALE: 1"=40' 4+60, OUTFALL (46.7' L) 30" CMP INV. 393.33 OUT WITH 16' L X 18' W ROCK RIP-RAP PER A.B.A.G. STD. STA. 4+64.97 (9' RT) INSTALL STD. D.I. EP 400.18 STA. 4+66 (20.6' RT) INSTALL HEADWALL 30" CMP INV 394.20 IN 80
SECTION C-C

H SCALE: 1"=20'
V SCALE: 1"=8' GENERAL HEADWALL NOTES: - PROPOSED DRAINAGE EASEMENT 398.5 401.34 -AC BERM EVCS: 5+25 EVCE: 404.18 APPLICANT: BVCS: 5+25.75 BVCE: 404.28 NSTALL WING WALL W/ ROCK (SEE DETAIL ON THIS SHEET) ALL 406.8 TO SUIT CONDITIONS ENCOUNTERED VERTICAL PVI STA = 5+75.75PVI ELEV = 410.64A.D. = -14.24K = 7.02406.4957.55 AND HORIZONTAL MALECH 6+009.800.23 GROUND EVCS: 6+25.75 EVCE: 409.88 409.6 409.52 PROPOSED FG CL OF ROADWA 409.1 408.76 382 398 386 390 394 374 378 (X. 60' MIDE 1.E.E. ROAD BVC\$: 7+25 BVCE: 408.38 LANDS OF WALECH LOVERS CORNER 408.0 407.78 NAME: PVI STA = 7+75 PVI ELEV = 407.62 A.D. = -6.95 K = 14.39 **PACHECO** 405.4 405.29 8+00 LEAP DETAIL EVC\$: 8+25 EVCE: 403.39 FRONT ELEVATION HEADWALI **©**1 D T RIVE ASS CONDUIT \bigcirc EVCE: 399.72 *9* 398.1 → 398.1 → BVCS: 9+00 BVCE: 398.17 STA. 9+00.11 (*) EX SFWMH RIM 398.54 COUNTY 396.59 STA 9+59.66 BOUNDARY FILE ∞ 397,8 EVCS: 10+00 EVCE: 398.06 NO:: FOR ANY OTHER SPECIFIC IN NOT SHOWN HERE, REFER T STD-D89 HEADWALL DETAIL SECTION HEADWALL
SCALE: NONE 401.1 401.05 PLAN BVCS: 10+75 BVCE: 402.55 85.8 L 40 HTM 64 L 6.3%. MIL HOLYM 404.5 4034994.05 INFORMATION TO CALTRANS 406.4 4064596.59 LOVERS LEAP DR. | EVC\$: | 11+75 (SEE SHEET 6) **PROFILE** (SEE SHEET 5) FILE 23009C2-PP3 VIHENSINEERING Co.

16075 Vineyard Boulevard
Morgan Hill, CA 95037

Street, Ste. B.
Hollister, CA 95023 DATE **May 2021** APPROVED BY SUPERVISED BY PLAN & PROFILE FOR DRIVEWAY (STA 0+00 TO 11+00) 23009 SCALE **AS SHOWN** 5 DRAWN BY SP/KH LANDS OF MALECH CHECKED BY WJM

