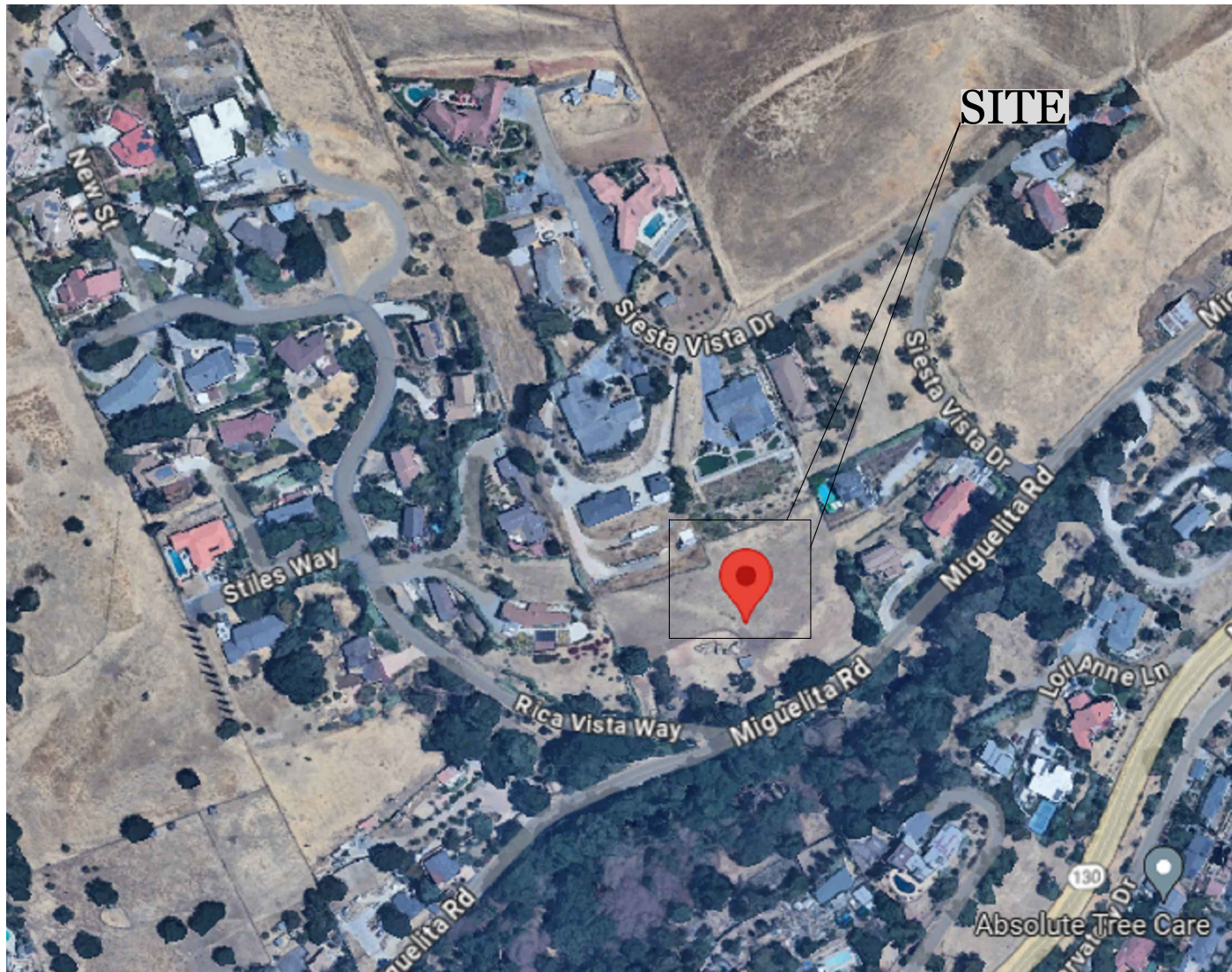


PROPOSED GRADING PLAN

AREA MAP



1. CODES

A. ALL CONTRACTOR'S WORK SHALL CONFORM TO THE 2022 CALIFORNIA BUILDING, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE CODES, AMERICANS WITH DISABILITIES ACT, AND ALL OTHER APPLICABLE CODES, OR THOSE ADOPTED BY SANTA CLARA COUNTY. GOVERNING AUTHORITIES AND CODES TAKE PRECEDENCE OVER DRAWINGS AND SPECIFICATIONS. REPORT DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
2. READING THE PLANS

A. DIMENSIONS SHALL GOVERN ON WORKING DRAWINGS. DO NOT SCALE DRAWINGS.

B. IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE NOTES OR SPECIFICATIONS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR.

C. SHOULD CONFLICTS OCCUR BETWEEN THE DRAWINGS AND SPECIFICATIONS, DRAWINGS SHALL GOVERN IN MATTERS OF DIMENSION OR QUANTITY. SPECIFICATIONS SHALL GOVERN IN MATTERS OF MATERIALS OR FINISHES.

D. IN CASE OF DISCREPANCIES OR CONFLICTS IN INFORMATION OR REQUIREMENTS WITHIN THE DRAWINGS, WITHIN THE SPECIFICATIONS, OR BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE MOST EXPENSIVE REQUIREMENT SHOWN OR SPECIFIED SHALL BE THE BASIS OF THE CONTRACT.
3. PRIOR TO CONSTRUCTION

A. PRIOR TO CONSTRUCTION AND GRADING, VERIFY ALL EXISTING CONDITIONS AND CONTACT UTILITY COMPANIES AND AFFECTED CITY AGENCIES. CONTACT UNDERGROUND SERVICE ALERT* PHONE: (800) 642-2444.

B. THE CONTRACTOR SHALL THOROUGHLY REVIEW PLANS AND EXISTING SITE CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES, ERRORS OR OMISSIONS PRIOR TO CONSTRUCTION
- C. THE CIVIL ENGINEER IS RESPONSIBLE FOR PROVIDING THE FOLLOWING INFORMATION:

a. FINISHED AND EXISTING GRADES

b. ALL SITE DRAINAGE

c. SIZES AND TYPE OF CURB AND GUTTERS

d. SITE DIMENSION AND SETBACKS
4. JOB SITE

A. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL THE EXPENSE FOR REPAIR OR REPLACEMENT OF UTILITIES AND/OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTIONS WITH THE EXECUTION OF WORK.

B. CONTRACTOR SHALL PROVIDE TEMPORARY PROJECT OFFICE, TELEPHONE, FAX MACHINE, SECURITY FENCE, WATER, POWER, AND TOILET FACILITIES. COORDINATE LOCATIONS WITH ALL APPROPRIATE AGENCIES. CONTRACTOR'S FIELD OFFICE SHALL ALSO CONTAIN A CURRENT COPY OF GOVERNING BUILDING CODE(S).

C. CITY APPROVED PLANS SHALL BE KEPT IN A PLAN BOX IN THE FIELD OFFICE AND SHALL NOT BE USED BY WORKERS. ALL CONSTRUCTION SETS SHALL BE KEPT UP TO DATE, AND REFLECT THE SAME INFORMATION. THE CONTRACTOR SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN, IN GOOD CONDITION, ONE COMPLETE SET OF PLANS AND SPECIFICATIONS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT.

D. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETE.

E. CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY
5. COMMUNICATION

A. FIELD CONFIRMATION OF DISCREPANCIES SHALL BE RECORDED ON A REPRODUCIBLE DOCUMENT AND IMMEDIATELY TRANSMITTED TO ENGINEER FOR PROJECT RECORD, COORDINATION, AND NECESSARY RESOLUTION PRIOR TO CONTINUING WORK.

B. THE GENERAL CONTRACTOR SHALL PROVIDE OR MAKE AVAILABLE A COMPLETE SET OF CONSTRUCTION DOCUMENTS (INCLUDING DRAWINGS AND SPECIFICATIONS) TO EVERY SUBCONTRACTOR BIDDING ANY PORTION OF THIS PROJECT.

C. THE CONSTRUCTION DOCUMENTS SHALL NOT BE SEPARATED INTO DISCIPLINES (STRUCTURAL, MECHANICAL, ELECTRICAL, ETC), FOR PURPOSE OF SUBCONTRACTOR BIDDING. THE GENERAL CONTRACTOR SHALL REQUIRE BIDDING SUBCONTRACTOR TO REVIEW THE ENTIRE SET OF CONSTRUCTION DOCUMENTS TO OBTAIN CLARITY ON THE COMPLETE SCOPE OF THEIR WORK AND REFER TO CROSS DISCIPLINE DRAWINGS FOR FULL COORDINATION OF WORK WITH OTHER TRADES, AND TO BE AWARE OF ALL WORK WHICH DOES NOT APPEAR WITHIN THE PARTICULAR DISCIPLINE'S DRAWINGS FOR THE PARTICULAR TRADE.

D. FURTHERMORE, THE GENERAL CONTRACTOR SHALL INSURE THAT EACH SUBCONTRACTOR WORKING ON THE PROJECT MAINTAINS A FULL SET OF CONSTRUCTION DOCUMENTS THROUGHOUT THE CONSTRUCTION OF THE PROJECT.
6. COMPLETION

A. ONE SET OF EQUIPMENT OPERATING AND MAINTENANCE MANUALS PER UNIT SHALL BE SUBMITTED TO OWNER UPON COMPLETION OF PROJECT, PRIOR TO REQUEST FOR FINAL PAYMENT.

B. CONTRACTOR SHALL ASSIST OWNER IN OBTAINING "CERTIFICATE OF OCCUPANCY OR "OCCUPANCY PERMIT AS NECESSARY.
- MANNER NO RADIOS, ALCOHOL, OR CONTROLLED SUBSTANCES ARE ALLOWED ON THE JOB SITE. ALL DEBRIS SHALL BE REMOVED FROM PREMISES, AND ALL AREAS SHALL BE LEFT IN A BROOM-CLEAN CONDITION ON A DAILY BASIS.

DETAILS

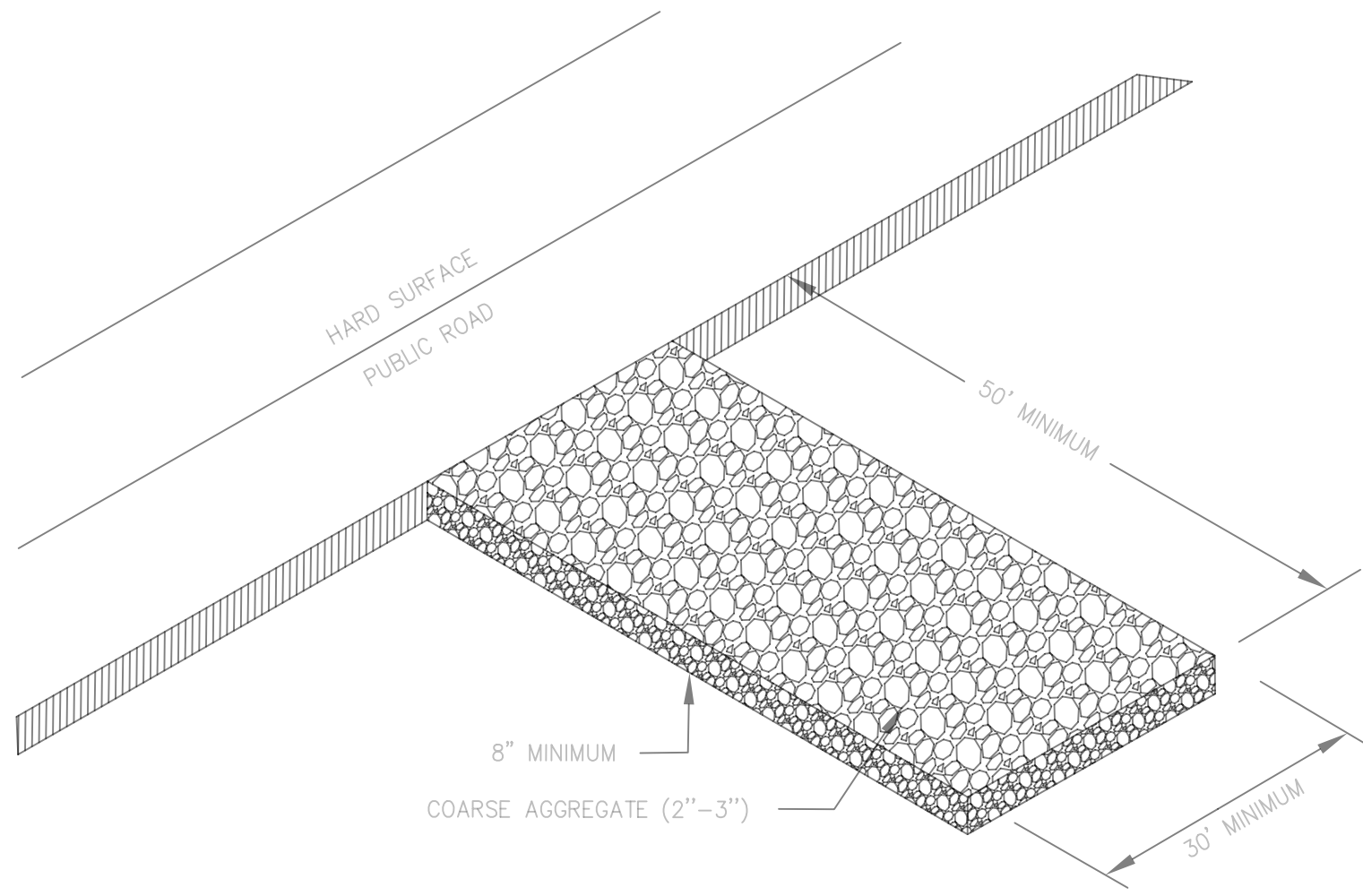
BASIS OF ELEVATION
SCVWD BENCHMARK ID: BM1149
ELEV: 410.67 (NGS/CSRC)
UCGS BRASS DISK (HJH6), ON TOP OF CONCRETE HEADWALL, AT THE NORTHWESTERLY CORNER OF ALUM ROCK AVENUE BRIDGE OVER MIGUELITO CREEK, 500 FEET NORTH FROM MOUNT HAMILTON ROAD, LEVEL WITH THE TOP OF PAVEMENT, 20 FEET WEST FROM PEDESTRIAN BRIDGE. CITY OF SAN JOSE.

APPLICABLE NOTES

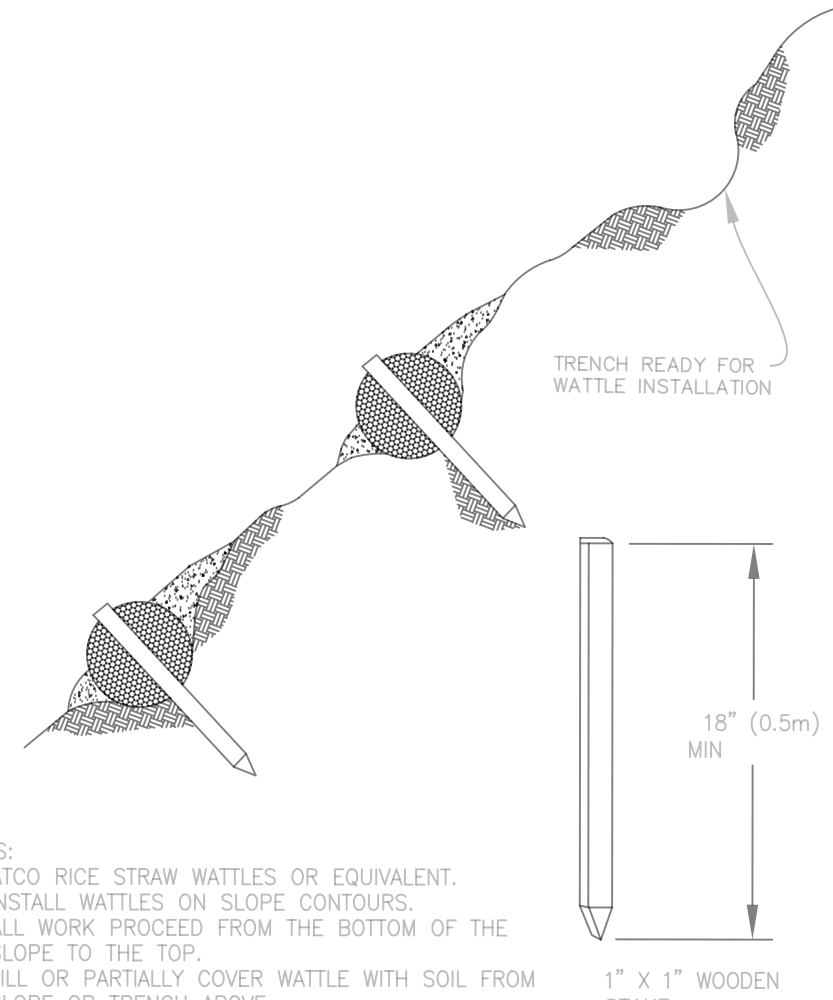
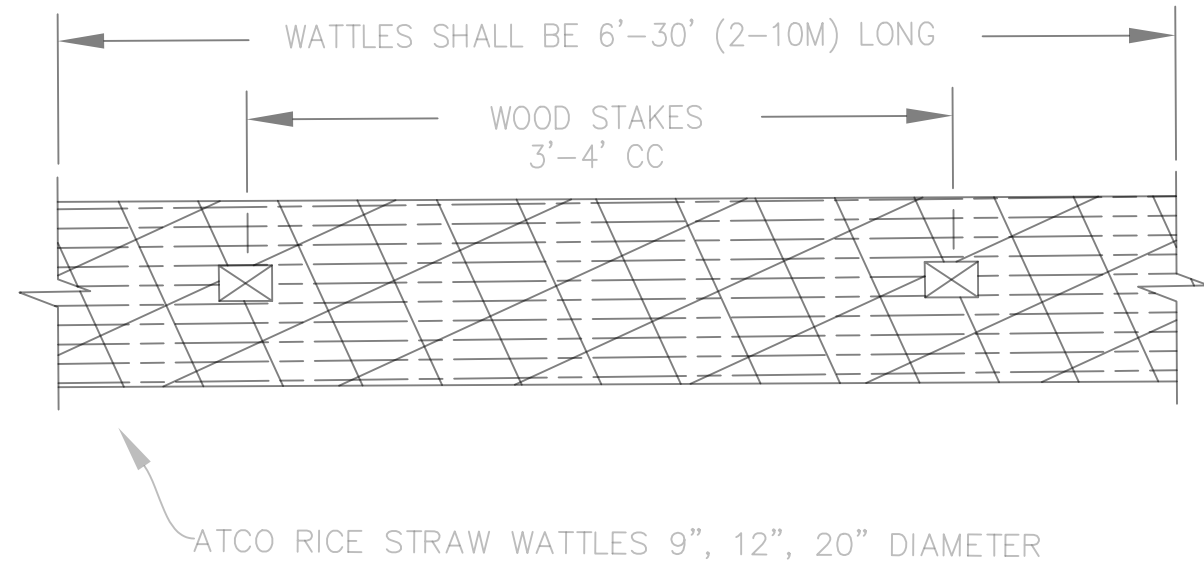
2022 CALIFORNIA RESIDENTIAL CODE
2022 CALIFORNIA ELECTRIC CODE
2022 CALIFORNIA ENERGY CODE
2022 CALIFORNIA MECHANICAL CODE
2022 CALIFORNIA PLUMBING CODE
2022 CALIFORNIA FIRE CODE
2022 CALIFORNIA CALGREEN CODE
SANTA CLARA COUNTY PLANING AND ZONING CODE

SHEET INDEX

SHEET 1- COVER PAGE
SHEET 2- TOPOGRAPHIC SURVEY
SHEET 3- SOIL REMEDIATION PLAN
SHEET 4- GRADING SECTIONS

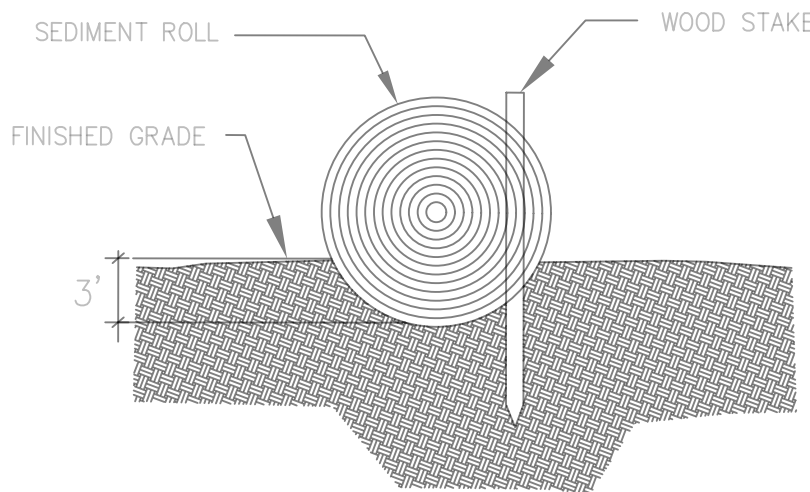


STABILIZED GRAVEL CONSTRUCTION ENTRANCE
NOT TO SCALE



- NOTES:
- ATCO RICE STRAW WATTLES OR EQUIVALENT.
 - INSTALL WATTLES ON SLOPE CONTOURS.
 - ALL WORK PROCEED FROM THE BOTTOM OF THE SLOPE TO THE TOP
 - FILL OR PARTIALLY COVER WATTLE WITH SOIL FROM SLOPE, OR TRENCH ABOVE.
 - COMPACT AND WORK SOIL INTO COMPLETED WATTLES.

TYPICAL WATTLE DETAIL
NOT TO SCALE



ENTRENCHMENT DETAIL
STRAW WATTLES
NOT TO SCALE

GENERAL NOTES

- THESE NOTES ARE NOT PART OF CENTRAL 6A'S REVIEW AND APPROVAL AND IF CONFLICT ARISE, CENTRAL 6A'S NOTES SHALL GOVERN
- THE CONTRACTOR SHALL POSSESS A CLASS "A" LICENSE AT THE TIME THE BID IS OPENED.
 - THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) 1-800-977-2860, AT LEAST TWO (2) WORKING DAYS PRIOR TO BEGINNING ANY EXCAVATION
 - ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITIES, INCLUDING ALL OVERHEAD UTILITIES, SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL PROCEED WITH DUE CAUTION DURING UNDERGROUND OPERATIONS AND SHALL REPAIR OR REPLACE ALL UTILITIES DAMAGED DURING CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
 - ALL STREET MONUMENTS, LOT CORNER PIPES, AND OTHER PERMANENT MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY THE LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE, BEFORE THE IMPROVEMENTS ARE ACCEPTED BY THE CITY.
 - CONTRACTOR SHALL REPAIR/REPLACE ALL LANDSCAPING, CURBS, SERVICES, ETC. DAMAGED DURING CONSTRUCTION, THAT ARE NOT SHOWN TO BE REMOVED PER THESE PLANS, AT NO ADDITIONAL COST TO THE CITY.
 - ALL NOTES APPEARING ON THESE PLANS SHALL BE CONSIDERED INCIDENTAL WORK AS PART OF THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
 - WORK SHALL NOT BEGIN UNTIL ADEQUATE TEMPORARY BARRICADES, BARRIERS, FENCES, WIRING AND CONTROL DEVICES ARE IN PLACE AS REQUIRED IN THE SPECIAL PROVISIONS.
 - CONTRACTOR SHALL INSURE POSITIVE DRAINAGE TO EXISTING DRAINAGE FACILITIES FROM NEW PAVEMENT SECTIONS, NEW CURB AND GUTTER SECTIONS, NEW VALLEY GUTTER SECTIONS, AND PATCH DEPRESSIONS.
 - UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL CERTIFY THAT ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. VARIATIONS SHALL BE DECLARED AND PRESENTED TO THE ENGINEER ON MARKED-UP DRAWINGS (AS-BUILT) UPON COMPLETION OF THE CONSTRUCTION.
 - CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR WORKING CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL NOT BE LIMITED TO NORMAL WORKING HOURS.
 - SEE PLAN SHEETS FOR EACH SITE FOR ADDITIONAL GENERAL NOTES.
 - CONTRACTOR TO REPLACE AT THEIR OWN EXPENSE ANY CONTRACTOR DAMAGED FACILITIES THAT ARE TO REMAIN INCLUDING, BUT NOT LIMITED TO, CONCRETE STRUCTURES, IRRIGATION, PAVEMENT AND UTILITIES.
 - NO PARKING OR VEHICLE TURNAROUND ALLOWED ON PRIVATE PROPERTY.



PROJ. NO. 1969

REVISIONS:

DRAWN: GM

DATE: 12/16/2024

SHEET
1
OF 4 SHEETS

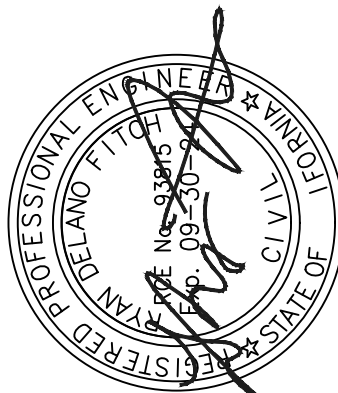
COVER SHEET
15690 RICA VISTA WAY
SANTA CLARA COUNTY
CALIFORNIA

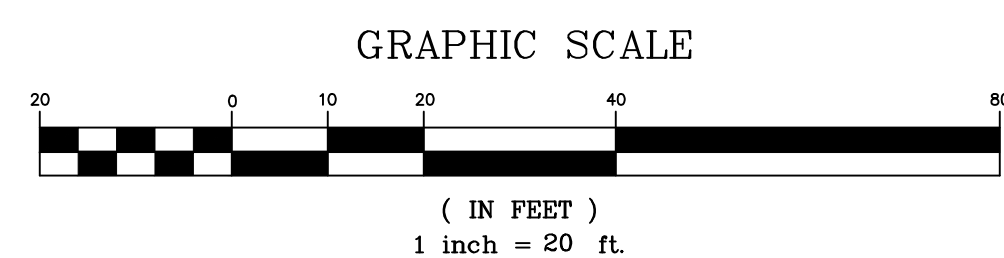
TERRA FIRMA
ENGINEERING-SURVEYING-LAND PLANNING
GOLF COURSE DESIGN
3710 LONE TREE WAY #112, ANTIPOCH, CA 94509
PH: 925-437-3700

STAMP



CONSULTANT

PROJECT ADDRESS





BASIS OF ELEVATION
SCVWD BENCHMARK ID: BM1149
ELEV: 410.67 (NGS/CSRC)
UCGS BRASS DISK (HJH6), ON TOP OF
CONCRETE HEADWALL, AT THE
NORTHWESTERLY CORNER OF ALUM ROCK
AVENUE BRIDGE OVER MIGUELITO CREEK, 500
FEET NORTH FROM MOUNT HAMILTON ROAD,
LEVEL WITH THE TOP OF PAVEMENT, 20 FEET
WEST FROM PEDESTRIAN BRIDGE. CITY OF SAN
JOSE.

DATE: 12/16/2024		No.	DATE	APVD.	REVISION		<p>TERRA FIRMA ENGINEERING-SURVEYING-LAND PLANNING GOLF COURSE DESIGN 3710 LONE TREE WAY #113, ANTIOCH, CA. 94509 PH: 925-437-3700</p>	<p>TOPOGRAPHIC SURVEY 15690 RICA VISTA WAY SAN JOSE SANTA CLARA COUNTY CALIFORNIA</p>	<p>SHEET 2 OF 4 SHEETS PROJECT NO. 1969</p>
SCALE: AS SHOWN									
DESIGNED BY:									
DRAWN BY: RF									
CHECKED BY: GM									

GRADING NOTES

- ALL GRADING, SITE PREPARATION, PLACING AND COMPACTION OF FILL TO BE DONE IN ACCORDANCE WITH CITY OF FREMONT GRADING ORDINANCE; ALSO UNDER THE DIRECT SUPERVISION OF THE SOIL ENGINEER. SUBSEQUENT TO COMPLETION OF THE WORK, THE SOIL ENGINEER SHALL SUBMIT TO THE CITY BUILDING INSPECTION DEPARTMENT A REPORT STATING THAT ALL WORK HAS BEEN DONE TO ITS SATISFACTION.
- CONTRACTOR TO NOTIFY CITY GRADING SECTION 48-HOURS PRIOR TO START OF WORK. OWNER/CONTRACTOR NEEDS TO SET UP AN INSPECTION (CODE 600) OFF THE PERMIT CARD.
- ALL CUT SLOPES SHALL BE ROUNDED TO MEET EXISTING GRADES AND BLEND WITH SURROUNDING TOPOGRAPHY. ALL GRADED SLOPES SHALL BE PLANTED WITH SUITABLE GROUND COVER.
- ANY DEVIATION FROM APPROVED PLAN REQUIRES APPROVAL FROM THE COUNTY OF SANTA CLARA SENIOR GRADING INSPECTOR.
- ALL SLIDE REPAIR WORK, KEYWAYS, SUBDRAIN INSTALLATION, AND LINED DITCH WORK SHALL BE INSPECTED BY THE GRADING SECTION. REPORT FROM THE SOIL ENGINEER SHALL BE SUBMITTED TO THE GRADING SECTION REGARDING THE SLIDE REPAIR AND/OR SUBDRAIN INSTALLATION.
- DURING GRADING OPERATIONS, CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES ON SITE AND HAUL ROUTES.
- A FINAL REPORT BY THE CIVIL ENGINEER CERTIFYING THAT ALL GRADING, LOT DRAINAGE AND DRAINAGE FACILITIES HAVE BEEN COMPLETED AND THE SLOPE PLANTING INSTALLED IN CONFORMANCE WITH THE APPROVED PLANS, SHALL BE SUBMITTED TO THE CITY PRIOR TO ISSUANCE OF BUILDING PERMITS.
- SILT AND EROSION CONTROL PLANS REQUIRED FOR WORK DURING RAINY SEASON. (OCTOBER 15 THROUGH APRIL 15) EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED BY OCT. 1.
- IF THERE ARE ANY EXISTING WATER WELLS ON THIS PROPERTY, YOU SHALL CONTACT THE COUNTY DEPARTMENT OF HEALTH SERVICES, ENVIRONMENTAL HEALTH DIVISION, PRIOR TO ANY GRADING IN THE IMMEDIATE VICINITY OF THESE WELLS.
- GRADING WORK HOURS ARE 7:30 A.M. TO 5:30 P.M., MONDAY THRU FRIDAY. NO GRADING WORK WILL BE PERFORMED ON OBSERVED NATIONAL HOLIDAYS.

LEGEND

EX EXISTING
FL FLOW LINE
SS SANITARY SEWER
MH MANHOLE
WV WATER VALVE
FH FIRE HYDRANT
JP JOINT POLE

x x FENCE
620 EXISTING CONTOUR
620 PROPOSED CONTOUR

VIOLATION QUANTITIES

Unpermitted Cut-2450.00 Cu. Yds
Unpermitted Fill-2450.00 Cu. Yds
Unpermitted cut max height=12'
Unpermitted fill max height=4'

PROPOSED GRADING QUANTITIES

Cut-2450.00 Cu. Yds
Fill reprocessed onsite-2450.00 Cu. Yds*
Additional imported fill=7500 Cu. Yds
Max cut height=7'
Max fill height=15'

*No soil to be completely removed from site

FOLLOW SALEM ENGINEERING GROUP INC. RECOMMENDATIONS FOR UNPERMITTED CUT SLOPES TO BE FILLED BACK TO 2:1 MAX SLOPE

REMOVE EX. DRIVEWAY WITHIN LIMITS OF GRADING

BEGIN DILAPIDATED SILT FENCE REMOVAL

REMOVE ALL VEGETATION WITHIN 20' SIGHT VISIBILITY TRIANGLE

EROSION CONTROL NOTES

- INSTALL ROCK ENTRANCE FOR CONSTRUCTION EQUIPMENT PER DETAIL ON SHEET 1.
- WITHIN LIMITS OF GRADING, APPLY HYDROSEEDING PER CALTRANS STD BMP SS-04 AND STRAW WATTLES PER DETAIL ON SHEET 1.
- WITHIN 10' OF EXISTING SILT FENCE TO BE REMOVED, CLEAR LOOSE DEBRIS, VEGETATION & SOIL AND APPLY HYDROSEEDING PER CALTRANS BMP SS-04 AND STRAW WATTLES PER DETAIL ON SHEET 1.
- CLEAR ANY LOOSE DEBRIS/SOIL/VEGETATION WHICH HAS WASHED ONTO THE ROADWAY.

TREE REMOVAL NOTE

3 EX. TREES TO BE REMOVED (1-24" EUCALYPTUS, 1-18" PEPPER & 1-24" PEPPER) AND REPLACED W/ LAUREL TREES IN QUANTITIES PER COUNTY OF SANTA CLARA TREE PRESERVATION GUIDELINES. OTHER TREES ONSITE & IN R/W TO REMAIN UNLESS OTHERWISE NOTED

BASIS OF ELEVATION

SCVWD BENCHMARK ID: BM1149
ELEV: 410.67 (NGS/CSRC)
UCGS BRASS DISK (HJH6), ON TOP OF CONCRETE HEADWALL, AT THE NORTHWESTERLY CORNER OF ALUM ROCK AVENUE BRIDGE OVER MIGUELITO CREEK, 500 FEET NORTH FROM MOUNT HAMILTON ROAD, LEVEL WITH THE TOP OF PAVEMENT, 20 FEET WEST FROM PEDESTRIAN BRIDGE, CITY OF SAN JOSE.

DATE: 12/16/2024

SCALE: AS SHOWN

DESIGNED BY: RAM

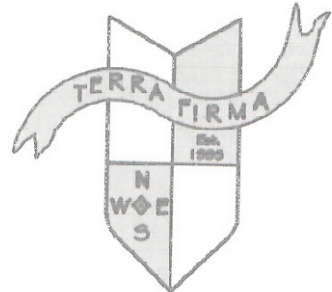
DRAWN BY: GJM

CHECKED BY: RC



No.	DATE	APVD.	REVISION

TERRA FIRMA
ENGINEERING-SURVEYING-LAND PLANNING
GOLF COURSE DESIGN
3710 LONE TREE WAY #113, ANTIOCH, CA. 94509
PH: 925-437-3700



SAN JOSE

SOIL REMEDIATION PLAN
15690 RICA VISTA WAY

SANTA CLARA COUNTY

CALIFORNIA

SHEET

3

OF 4 SHEETS

PROJECT NO.

1969

FILE NO.

GRADING QUANTITIES

Unpermitted Cut-2450.00 Cu. Yds
Unpermitted Fill-2450.00 Cu. Yds
Unpermitted cut/fill to be reprocessed onsite.
Additional import fill required- 7500.00 Cu. Yds
(Maximum Cut=4' Maximum Fill=12')

