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COUNTY OF SANTA CLARA

General Construction  
Specifications

GENERAL CONDITIONS

1. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY GEOENGINEERING CONSULTANTS (GEC), 4125 BLACKFORD AVENUE, SUITE 145, SAN JOSE, CA 95117 AND DATED SEPTEMBER, 2015 THIS REPORT IS SUPPLEMENTED BY: 1) THESE PLANS AND SPECIFICATIONS, 2) THE COUNTY OF SANTA CLARA STANDARD DETAILS. 3) THE COUNTY OF SANTA CLARA STANDARD SPECS, 4) STATE OF CALIFORNIA STANDARD DETAILS, 5) STATE OF CALIFORNIA STANDARD SPECIFICATIONS. IN THE EVENT OF CONFLICT THE FORMER SHALL TAKE PRECEDENCE OVER THE LATTER. THE PERFORMANCE AND COMPLETION OF ALL WORK MUST BE TO THE SATISFACTION OF THE COUNTY.
2. DEVELOPER IS RESPONSIBLE FOR INSTALLATION OF THE IMPROVEMENTS SHOWN ON THESE PLANS AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THEIR CONTINUED MAINTENANCE.
3. DEVELOPER SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERRORS OR OMISSIONS IN THESE PLANS. THE COUNTY SHALL BE AUTHORIZED TO REQUIRE DISCONTINUANCE OF ANY WORK AND SUCH CORRECTION AND MODIFICATION OF PLANS AS MAY BE NECESSARY TO COMPLY WITH COUNTY STANDARDS OR CONDITIONS OF DEVELOPMENT APPROVAL.
4. DEVELOPER SHALL OBTAIN ENCROACHMENT PERMITS FROM THE SANTA CLARA VALLEY WATER DISTRICT AND CALIFORNIA DEPARTMENT OF TRANSPORTATION WHERE NEEDED. COPIES OF THESE PERMITS SHALL BE KEPT AT THE JOB SITE FOR REVIEW BY THE COUNTY'S INSPECTOR.
5. DEVELOPER SHALL REMOVE OR TRIM ALL TREES TO PROVIDE AN UNOBSTRUCTED FIFTEEN (15) FOOT VERTICAL CLEARANCE FOR ROADWAY AREA.
6. THIS PLAN AUTHORIZES THE REMOVAL OF ONLY THOSE TREES WITH TRUNK DIAMETERS GREATER THAN 12 INCHES MEASURED 4.5 FEET ABOVE THE GROUND. TREES THAT ARE SHOWN TO BE REMOVED UNLESS AN AMENDED PLAN IS APPROVED OR A SEPARATE TREE REMOVAL PERMIT IS OBTAINED FROM THE PLANNING OFFICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT REMOVAL OF ADDITIONAL TREES HAS BEEN PERMITTED.
7. DEVELOPER SHALL PROVIDE ADEQUATE DUST CONTROL AS REQUIRED BY THE COUNTY INSPECTOR.
8. ALL PERSONS MUST COMPLY WITH SECTION 4442 OF THE PUBLIC RESOURCES CODE AND SECTION 13005 OF THE HEALTH AND SAFETY CODE RELATING TO THE USE OF SPARK ARRESTERS.
9. UPON DISCOVERING OR UNEARTHING ANY BURIAL SITE AS EVIDENCED BY HUMAN SKELETAL REMAINS OR ARTIFACTS, THE PERSON MAKING SUCH DISCOVERY SHALL IMMEDIATELY NOTIFY THE COUNTY CORONER AT (408) 454-2520 AND LAND DEVELOPMENT ENGINEERING OFFICE AT (408) 299-5730. NO FURTHER DISTURBANCE OF THE SITE MAY BE MADE EXCEPT AS AUTHORIZED BY THE LAND DEVELOPMENT OFFICE IN ACCORD WITH PROVISIONS OF THIS ORDINANCE (COUNTY ORDINANCE CODE SECTION B6-18).
10. THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY. A SEPARATE PERMIT WILL BE REQUIRED FOR ANY ADDITIONAL WORK NOT COVERED BY THESE PLANS.
11. ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE RE-APPROVED IN WRITING BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION.

CONSTRUCTION STAKING

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 COMMENCEMENT OF GRADING.

CONSTRUCTION INSPECTION

1. CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT, SANTA CLARA COUNTY PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
2. THE COUNTY REQUIRES A MINIMUM OF 24 HOURS ADVANCE NOTICE FOR GENERAL INSPECTION, 48 HOURS FOR ASPHALT CONCRETE INSPECTION.
3. INSPECTION BY SANTA CLARA COUNTY SHALL BE LIMITED TO INSPECTION OF MATERIALS AND PROCESSES OF CONSTRUCTION TO OBSERVE THEIR COMPLIANCE WITH PLANS & SPECIFICATIONS AND DOES NOT INCLUDE RESPONSIBILITY FOR THE SUPERINTENDENT OF CONSTRUCTION, SITE CONDITIONS, EQUIPMENT OR PERSONNEL. CONTRACTOR SHALL NOTIFY THE COUNTY LAND DEVELOPMENT INSPECTOR AT PHONE (408) 299-6868 AT LEAST 24 HOURS PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
4. DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE MUST SUBMIT WRITTEN REQUEST FOR FINAL INSPECTION AND ACCEPTANCE. SAID REQUEST SHALL BE DIRECTED TO THE INSPECTION OFFICE NOTED ON THE PERMIT FORM.
5. THE CONTRACTOR SHALL PROVIDE TO THE COUNTY CONSTRUCTION INSPECTOR WITH PAD ELEVATION AND LOCATION CERTIFICATES, PREPARED BY THE PROJECT ENGINEER OR LAND SURVEYOR, PRIOR TO COMMENCEMENT OF THE BUILDING FOUNDATION.

SITE PREPARATION (CLEARING AND GRUBBING)

1. 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 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.
2. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MOVE OR RELOCATE UTILITY POLES AND OTHER OBSTRUCTIONS IN THE WAY OF CONSTRUCTION.

UTILITY LOCATION, TRENCHING & BACKFILL

1. CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-277-2760 A MINIMUM OF 24 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES.
2. 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.
3. ALL UNDERGROUND INSTALLATIONS SHALL BE IN PLACE AND THE TRENCH BACKFILLED AND COMPACTED BEFORE PLACING AGGREGATE BASE MATERIAL OR SURFACE 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.
4. 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 MADE IN KIND OR AS DIRECTED BY THE COUNTY.
5. TRENCH BACKFILL IN NEW CONSTRUCTION AREAS SHALL BE SAND MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 90%. THE REQUIREMENT FOR SELECT MATERIAL MAY BE WAIVED BY THE COUNTY IF THE NATIVE SOIL IS SUITABLE FOR USE AS TRENCH BACKFILL BUT THE COMPACTION REQUIREMENTS WILL NOT BE THEREBY WAIVED.
6. BACKFILL AND TRENCH RESTORATION REQUIREMENTS SHALL APPLY AS MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC AGENCIES.

RETAINING WALLS

1. 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.
2. SEGMENTAL BLOCK RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR.

GRADING

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, IT 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 6" BEFORE FILL IS PLACED. WHERE NATURAL GROUND IS STEEPER THAN 5:1, IT SHALL BE BENCHED AND THE FILL KEVED 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 AS PER THESE CONSTRUCTION NOTES. 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.
3. 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 COMPACTED TO 95% OF MAXIMUM DENSITY.
6. MAXIMUM CUT SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL. MAXIMUM FILL SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL.

EARTHWORK SUMMARY			
	CUT (CY)	FILL (CY)	
STAGED SHARE ROADWAY	-	3	
FIRE DEPARTMENT TURNAROUND	-	40	
NEW DRIVEWAY CIRCLE	73	-	
REAR YARD	8	-	
SPA/PATIO	10	-	
RESIDENCE FOOTPRINT	40	-	
SUBTOTAL	131	43	

- NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP SITE.
7. UTILITY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
  8. 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%.
  10. ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION.
  11. THE GEOTECHNICAL PLAN REVIEW LETTER MUST BE REVIEWED AND APPROVED BY THE COUNTY GEOLOGIST PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER FOR BUILDING OCCUPANCY.
  12. THE PROJECT GEOTECHNICAL ENGINEER SHALL PERFORM COMPACTION TESTING AND PRESENT THE RESULTS TO THE COUNTY ENGINEERING INSPECTOR PRIOR TO THE CONSTRUCTION OF ANY PAVED AREA.
  13. GRADING WORK BEGIN ON OCTOBER 15TH AND APRIL 15TH IS AT THE DISCRETION OF THE SANTA CLARA COUNTY GRADING OFFICIAL.
  14. TOTAL DISTURBED AREA FOR THE PROJECT: 30,992 SF.
  15. VOID NO.
  16. 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.

TREE PROTECTION

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. FENCING SHOULD BE PLACED ALONG THE OUTSIDE EDGE OF THE DRIFLINE OF THE TREE OR GROVE OF TREES.
  - B. THE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE 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.sccplanning.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.

ACCESS ROADS AND DRIVEWAYS

1. DRIVEWAY LOCATIONS SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS WITH CENTERLINE STATIONING. THE MINIMUM CONCRETE THICKNESS SHALL BE 6 INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES PER FOOT).
2. ALL DRIVEWAY OR ROAD 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

1. PACIFIC GAS & ELECTRIC ELECTROLIER SERVICE FEE SHALL BE PAID BY THE DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE.

SANITARY SEWER

1. THE SANITARY SEWER AND WATER UTILITIES SHOWN ON THESE PLANS ARE NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR REFERENCE ONLY.
2. 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.

PORTLAND CEMENT CONCRETE

1. CONCRETE USED FOR STRUCTURAL PURPOSES SHALL BE CLASS "A" (6 SACK PER CUBIC YARD) AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. CONCRETE 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.

AIR QUALITY, LANDSCAPING AND EROSION CONTROL

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 AND STAGING AREAS AT CONSTRUCTION SITES.
4. SWEEP DAILY (WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES. THE USE OF DRY POWDER SWEEPING IS PROHIBITED.
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 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.
8. ALL CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED AND PROPERLY TUNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. ALL EQUIPMENT SHALL BE CHECKED BY A CERTIFIED MECHANIC AND DETERMINED TO BE RUNNING IN PROPER CONDITION PRIOR TO OPERATION.
9. POST A SIGN THAT IS AT LEAST 32 SQUARE FEET MINIMUM 2 INCHES LETTER HEIGHT VISIBLE FROM THE ENTRANCE OF CONSTRUCTION SITE THAT IDENTIFIES THE FOLLOWING REQUIREMENTS. OBTAIN ENCROACHMENT PERMIT FOR SIGN FROM ROADS DEPARTMENT OR OTHER APPLICABLE AGENCY IF REQUIRED.
  - A. 15 MILES PER HOUR (MPH) SPEED LIMIT
  - B. 5 MINUTES MAXIMUM IDLING TIME OF VEHICLES
  - C. TELEPHONE NUMBER TO CONTACT THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT REGARDING DUST COMPLAINTS. NOTE PHONE NUMBER OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT AIR POLLUTION COMPLAINT HOTLINE OF 1-800-334-6367
10. ALL FILL SLOPES SHALL BE COMPACTED AND LEFT IN A SMOOTH AND FIRM CONDITION CAPABLE OF WITHSTANDING WEATHERING.
11. ALL EXPOSED DISTURBED AREAS SHALL BE SEED WITH BROME SEED SPREAD AT THE RATE OF 5 LB. PER 1000 SQUARE FEET (OR APPROX. EQUAL). SEEDING AND WATERING SHALL BE MAINTAINED AS REQUIRED TO ENSURE GROWTH.
12. ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SDB.
13. ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & FULL FALL EROSION CONTROLS (E.G. SACKED CONCRETE RIP-RAP, ENERGY DISSIPATORS SHALL BE INSTALLED AT ALL DITCH OUTFALLS. WHERE 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 RESEDED 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 INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR.
17. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL INSTALL AND MAINTAIN CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs) ON THE PROJECT SITE AND WITHIN THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY THROUGHOUT THE DURATION OF THE CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL TO PREVENT THE DISCHARGE OF POLLUTANTS INCLUDING SEDIMENT, CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, AND WASTE INTO THE SANTA CLARA COUNTY RIGHT-OF-WAY, STORM SEWER WATERWAYS, ROADWAY INFRASTRUCTURE. BMPs SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
  - 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. THE 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 SITUATIONALLY APPROPRIATE EROSION CONTROL MEASURES MAY RESULT IN VIOLATIONS, FINES, AND A STOPPAGE OF WORK.

BASIS OF BEARINGS

THE BASIS OF BEARING IS S64°10'30"W BETWEEN TWO FOUND MONUMENTS ALONG THE BAINTER AVE R/W AND 19392 BAINTER AVE (APN 510-25-058)

ELEVATION BENCHMARK

ELEVATIONS ARE ASSUMED. TEMPORARY BENCHMARK: EXISTING SSMH RM ELEV 641.0

STORM DRAINAGE 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 ADJUTED 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 CULVERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE FOR GRADING THE OUTLET DITCH TO DRAIN TO AN EXISTING SWALE OR TO AN OPEN AREA FOR SHEET FLOW.
4. UPON INSTALLATION OF DRIVEWAY CONNECTIONS, PROPERTY OWNERS SHALL PROVIDE FOR THE UNINTERRUPTED FLOW OF WATER IN ROADSIDE DITCHES.
5. THE COUNTY SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS AND STORMWATER MANAGEMENT FEATURES PRIOR TO BACKFILL.

AS-BUILT PLANS STATEMENT

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(A).

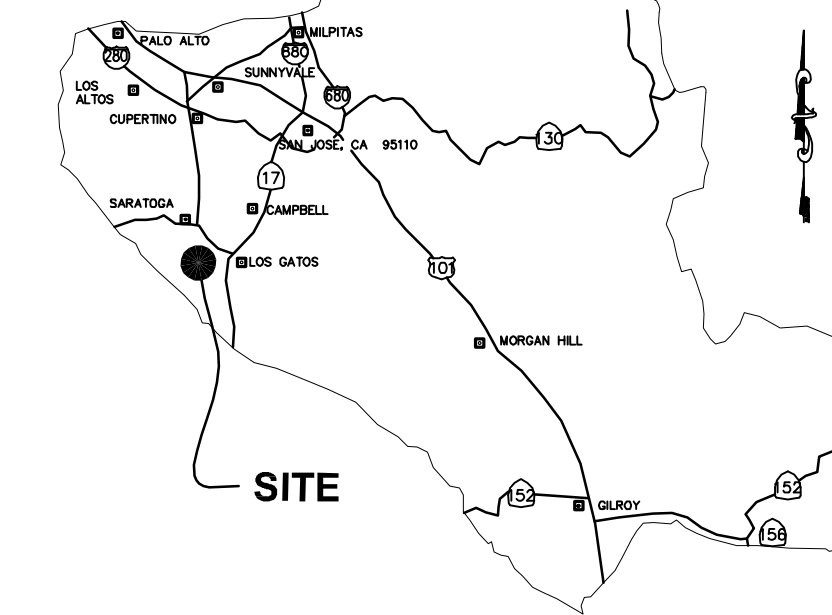
DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

NOTE: THIS STATEMENT IS TO BE SIGNED BY THE PERSON AUTHORIZED BY THE COUNTY ENGINEER TO PERFORM THE INSPECTION WORK. A REPRODUCIBLE COPYOF THE AS-BUILT PLANS MUST BE FURNISHED TO THE COUNTY ENGINEER AFTERCONSTRUCTION.

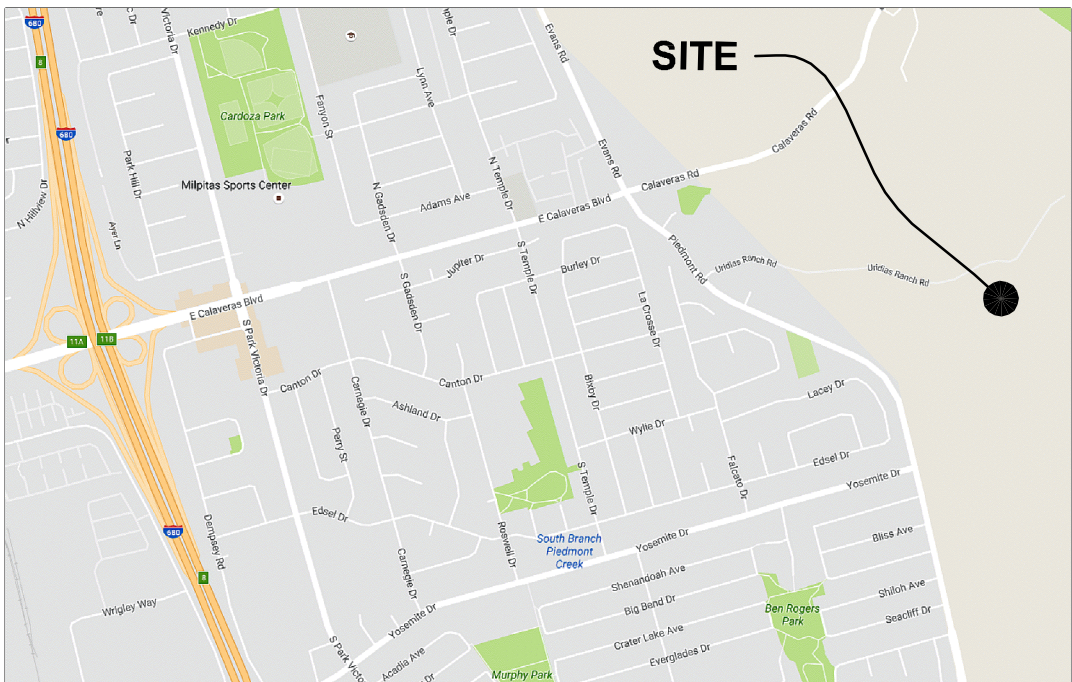
GEOTECHNICAL ENGINEER OBSERVATION

1. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGIC REPORTS SHALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE OF THE BOND.

DATE	3-29-17	SIGNATURE	CHRISTOPHER L. FREITAS
	42107	3-31-2018	
	R.C.E. NO.	EXPIRATION DATE	



COUNTY LOCATION MAP



VICINITY MAP

SURVEY MONUMENT PRESERVATION

1. THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION ACTIVITIES.
2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE, STAKE, AND FLAG OR OTHERWISE IDENTIFY WITH PAINT OR OTHER MARKINGS ALL PERMANENT SURVEY MONUMENTS OF RECORD AND ANY UNRECORDED MONUMENTS THAT ARE DISCOVERED THAT ARE WITHIN 50 FEET OF THE CONSTRUCTION ACTIVITY.
3. THE LANDOWNER, CONTRACTOR AND/OR ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES THAT WILL OR MAY DISTURB AN EXISTING MONUMENT, CORNER STAKE, OR ANY OTHER PERMANENT SURVEYED MONUMENT SHALL CAUSE TO HAVE A LICENSED LAND SURVEYOR OR CIVIL ENGINEER, AUTHORIZED TO PRACTICE SURVEYING, ENSURE THAT A CORNER RECORD AND/OR RECORD OF SURVEY ARE FILED WITH THE COUNTY SURVEYOR'S OFFICE PRIOR TO DISTURBING SAID MONUMENTS AND RESET PERMANENT MONUMENT(S) IN THE SURFACE OF THE NEW CONSTRUCTION OR SET A WITNESS MONUMENT(S) TO PERPETUATE THE LOCATION IF ANY PERMANENT MONUMENT COULD BE DESTROYED, DAMAGED, COVERED, DISTURBED, OR OTHERWISE OBLITERATED. THE LICENSED LAND SURVEYOR OR CIVIL ENGINEER SHALL FILE A CORNER RECORD OR RECORD OF SURVEY WITH COUNTY SURVEYOR PRIOR TO FINAL ACCEPTANCE OF THE PROJECT BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR.

BASIS OF BEARINGS

THE BASIS OF BEARING IS S64°10'30"W BETWEEN TWO FOUND MONUMENTS ALONG THE BAINTER AVE R/W AND 19392 BAINTER AVE (APN 510-25-058)

ELEVATION BENCHMARK

ELEVATIONS ARE ASSUMED. TEMPORARY BENCHMARK: EXISTING SSMH RM ELEV 641.0

COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS

ISSUED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

ENCROACHMENT PERMIT NO. \_\_\_\_\_

COUNTY OF SANTA CLARA  
LAND DEVELOPMENT ENGINEERING & SURVEYING

GRADING / DRAINAGE PERMIT NO. \_\_\_\_\_

ISSUED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

NO WORK SHALL BE DONE IN THE COUNTY'S RIGHT-OF-WAY WITHOUT AN ENCROACHMENT PERMIT, INCLUDING THE STAGING OF CONSTRUCTION MATERIAL AND THE PLACEMENT OF PORTABLE TOILETS.

ENGINEER'S STATEMENT

I HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH ADOPTED COUNTY STANDARDS, THE APPROVED TENTATIVE MAP (OR PLAN) AND CONDITIONS OF APPROVAL PERTAINING THERETO DATED FILE(S) NO. 10818-16B-16DR, DATED JULY 22, 2016

DATE 3-29-17 SIGNATURE

35527 R.C.E. NO. 9-30-17 EXPIRATION DATE

COUNTY ENGINEER'S NOTE

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITEE OF ENGINEER FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS CONTAINED IN THE PLANS. IF, DURING THE COURSE OF CONSTRUCTION, THE PUBLIC INTEREST REQUIRES A MODIFICATION (OR DEPARTURE FROM) THE SPECIFICATIONS OF THE PLANS, THE COUNTY SHALL HAVE THE AUTHORITY TO REQUIRE THE SUSPENSION OF WORK, AND THE NECESSARY MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.

DATE	3-29-17	SIGNATURE	CHRISTOPHER L. FREITAS
	42107	3-31-2018	
	R.C.E. NO.	EXPIRATION DATE	

BUILDING SITE APPROVAL  
LANDS OF  
SHEKHAR AND SHOVA  
SHARMA  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035

SCOPE OF WORK

1. THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF THE WORK PROPOSED ON THE EROSION CONTROL PLAN. THE ENGINEER OF RECORD IS RESPONSIBLE FOR THE DESIGN OF THE EROSION CONTROL PLANS AND ANY MODIFICATIONS OF THE EROSION CONTROL PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION.
2. CONSTRUCT NEW DRIVEWAY WITH FD TURNOUT (PARTIALLY SHARED).
3. CONSTRUCT NEW RESIDENCE
4. CONNECT NEW UTILITIES.
5. CONSTRUCT NEW SITE RETAINING WALLS.
6. CONSTRUCT (1) 5,000 GALLON DOMESTIC WATER TANK AND (2) 5,000 GALLON PLASTIC FIRE TANKS ON 14'x26' 24" GRAVEL TANK PAD.

LEGEND

DESCRIPTION	EXISTING	PROPOSED
PROPERTY LINE	---	---
ADJACENT PROPERTY LINE	---	---
STREET CENTER LINE	---	---
BUILDING SETBACK LINES	---	---
EASEMENT	---	---
PAVEMENT	---	---
CURB	---	---
CONCRETE	---	---
CONTOUR MAJOR	530	530
CONTOUR MINOR	534	534
DAYLIGHT LINE	---	---
RETAINING WALL	---	---
DRIVEWAY	---	---
BUILDING	---	---
BUILDING 2nd FLOOR	---	---
AC BERM	---	---
TOP OF BANK	---	---
TOE OF BANK	---	---
CREEK FLOWLINE	---	---
WIRE FENCE	---	---
CHAIN LINK FENCE	---	---
WOOD FENCE	---	---
SANITARY SEWER LINE	SS	SS
ELECTRIC LINE	E	E
GAS LINE	G	G
STORM DRAIN LINE	W	W
WATER LINE	OH	OH
OVERHEAD WIRE	---	---

SHEET INDEX

C1	COVER SHEET
C2	EXISTING CONDITIONS PLAN
C3	SITE PLAN
C4	CONSTRAINTS PLAN
C5	LEACHFIELD CLEARANCE PLAN
C6	DRIVEWAY IMPROVEMENTS STA 18+80 TO 23+50
C7	DRIVEWAY IMPROVEMENTS STA 23+50 TO 27+50
C8	SITE CROSS SECTIONS
C9	SITE CROSS SECTIONS
C10	PRIMARY BUILDING ELEVATIONS AND FLOOR PLANS
C11	SECONDARY BUILDING ELEVATIONS AND FLOOR PLANS
C12	STAGED IMPROVEMENT SHARE
C13	SIGHTLINE FROM URIDIAS RANCH RD
C14	SIGHTLINE FROM PIEDMONT RD AT SAINT JOHN'S CEMETARY
C15	SIGHTLINE FROM PIEDMONT RD AT YOSEMITE DRIVE
BMP1	BEST MANAGEMENT PRACTICES AND EROSION CONTROL DETAILS SHEET 1
BMP2	BEST MANAGEMENT PRACTICES AND EROSION CONTROL DETAILS SHEET 2

TS/CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300 FAX: 408.837.7550

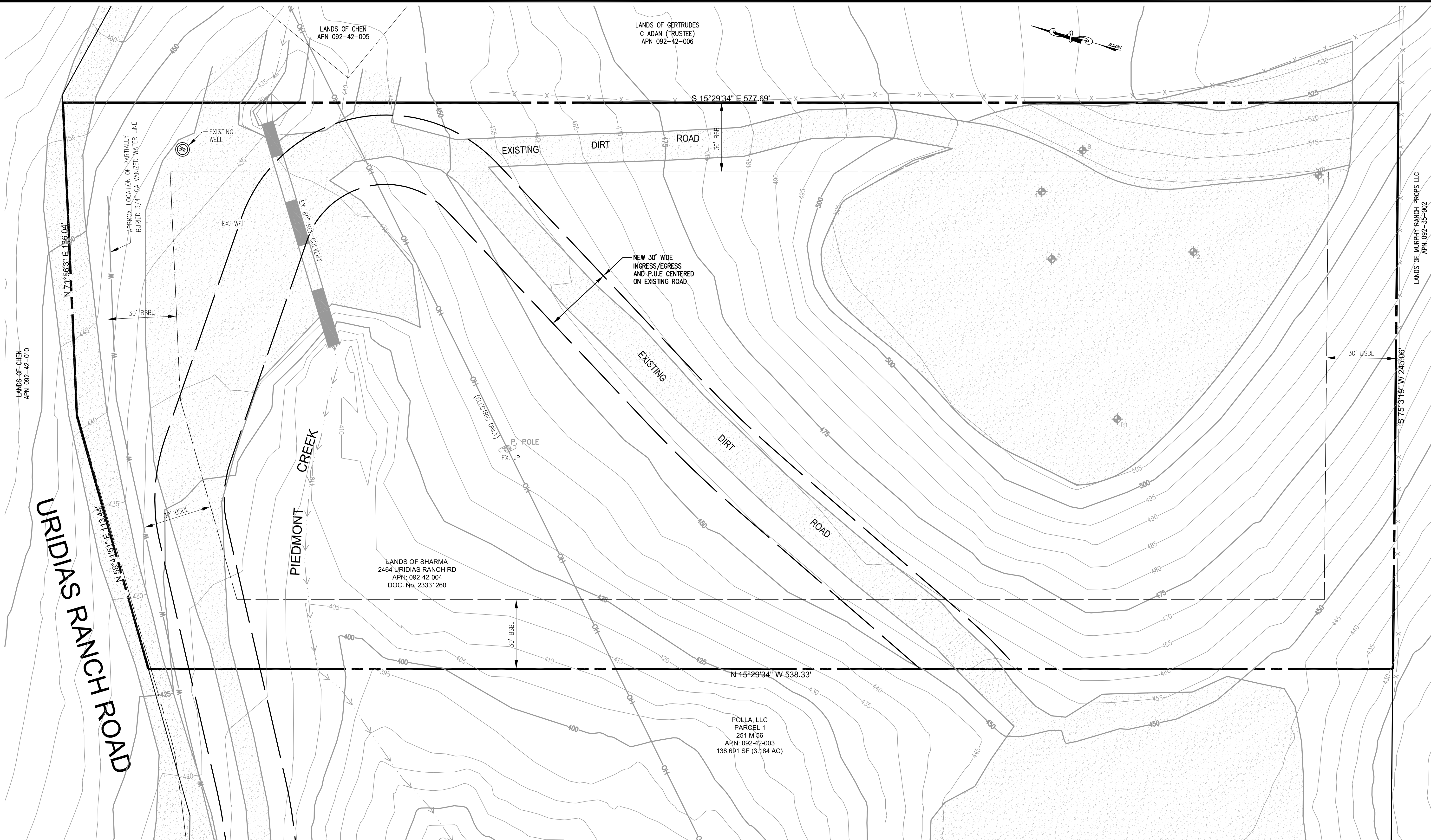
Revision 1	APN	092-42-004	Sheet C1
Revision 2	Co. File		of 17
Revision 3	17-215		

APPLICANT: SHARMA

ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX





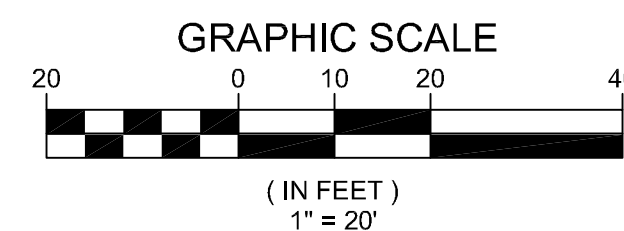
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APPLICANT: SHARMA

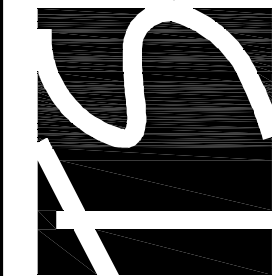
ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX

DESIGNED UNDER THE SUPERVISION OF:  
  
  
 4-5-17  
 TERENCE J. SZWECZYK  
 EXPIRATION DATE: 09/30/97

[illegible]

**EXISTING CONDITIONS PLAN**  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004

BUILDING SITE  
APPROVAL

LANDS OF  
SHEKHAR AND SHOVA SHARMA

TS/CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110

ENGINEERING

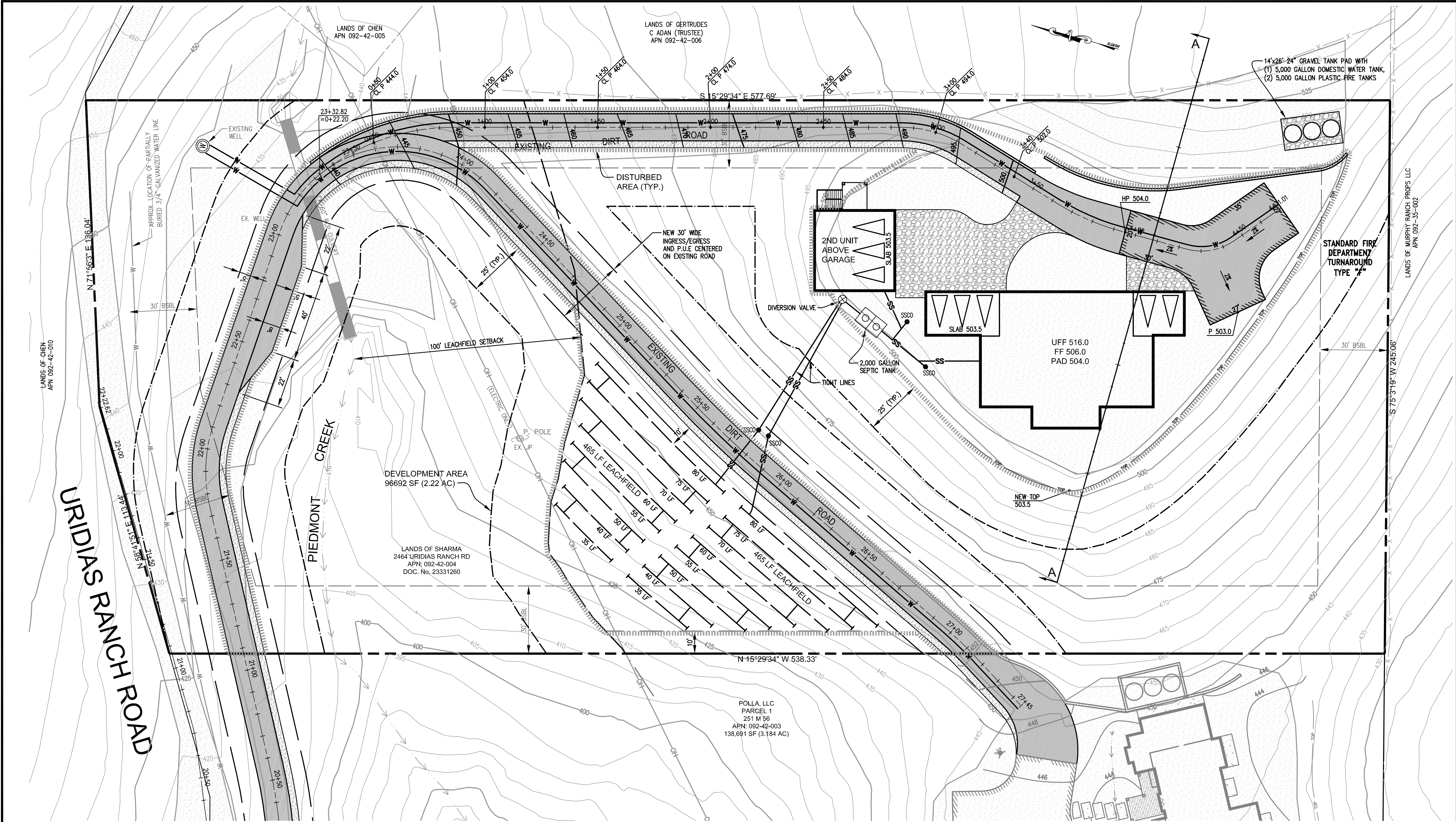
FAX: 408.837.7550

BY		REVISIONS		DATE
TJS	TJS	DKH	KB	

FAX: 408.837.7550



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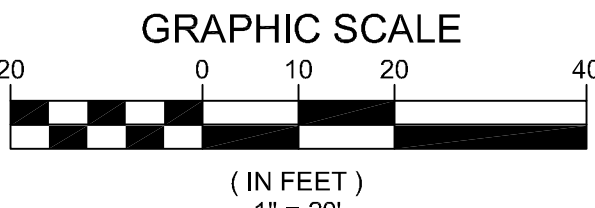
IMPERVIOUS COVERAGE			
	EXISTING SITE CONDITION (SQ. FT.)	PROPOSED SITE CONDITION (SQ. FT.)	NET INCREASE (SQ. FT.)
ROAD/DRIVEWAY	23,806	26,372	2,566
RESIDENCE	0	5,048	5,048
GARAGE	0	1,296	1,296
WOOD DECK	0	0	0
WALKWAY	0	0	0
TOTAL	23,806	32,734	8,928

AVERAGE SLOPE

ELEVATION	CONTOUR LENGTH	
420	264'	S = (0.00229)(10)/(2371) 2.21
430	358'	
440	285'	S = 24.46%
460	348'	
470	277'	
480	49'	
490	460'	
510	204'	
520	126'	
TOTAL	2,371'	

PERMANENTLY DISTURBED AREA  
TOTAL 48423 SF (1.112 AC)

DESIGNED UNDER THE SUPERVISION OF  
*Terence J. Szweczyk*  
TERENCE J. SZWECZYK  
NO. 35547  
EXP. 05/31/2017  
4-5-17  
EXPIRATION DATE: 09/30/2017



TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300  
FAX: 408.837.7550

**TS** CIVIL ENGINEERING

BUILDING SITE  
APPROVAL

LANDS OF  
SHEKHAR AND SHOVA SHARMA

SITE PLAN  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004

NO.	DATE	BY	REVISIONS
1	4-5-17	TJS	1

DATE: 4-5-17  
SCALE: 1"=20'  
DRAWN BY: DKH  
SURVEYED BY: KB  
PROJ ENGR: TJS  
CHECK BY: TJS  
SHEET NO.  
**C3**  
OF 17 SHEETS  
JOB NO.  
17-215

04/05/2017 10:55am - N:\2017 Jobs\17-215 BSA C3 SITE PLAN.dwg - C3

APPLICANT: SHARMA

ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX



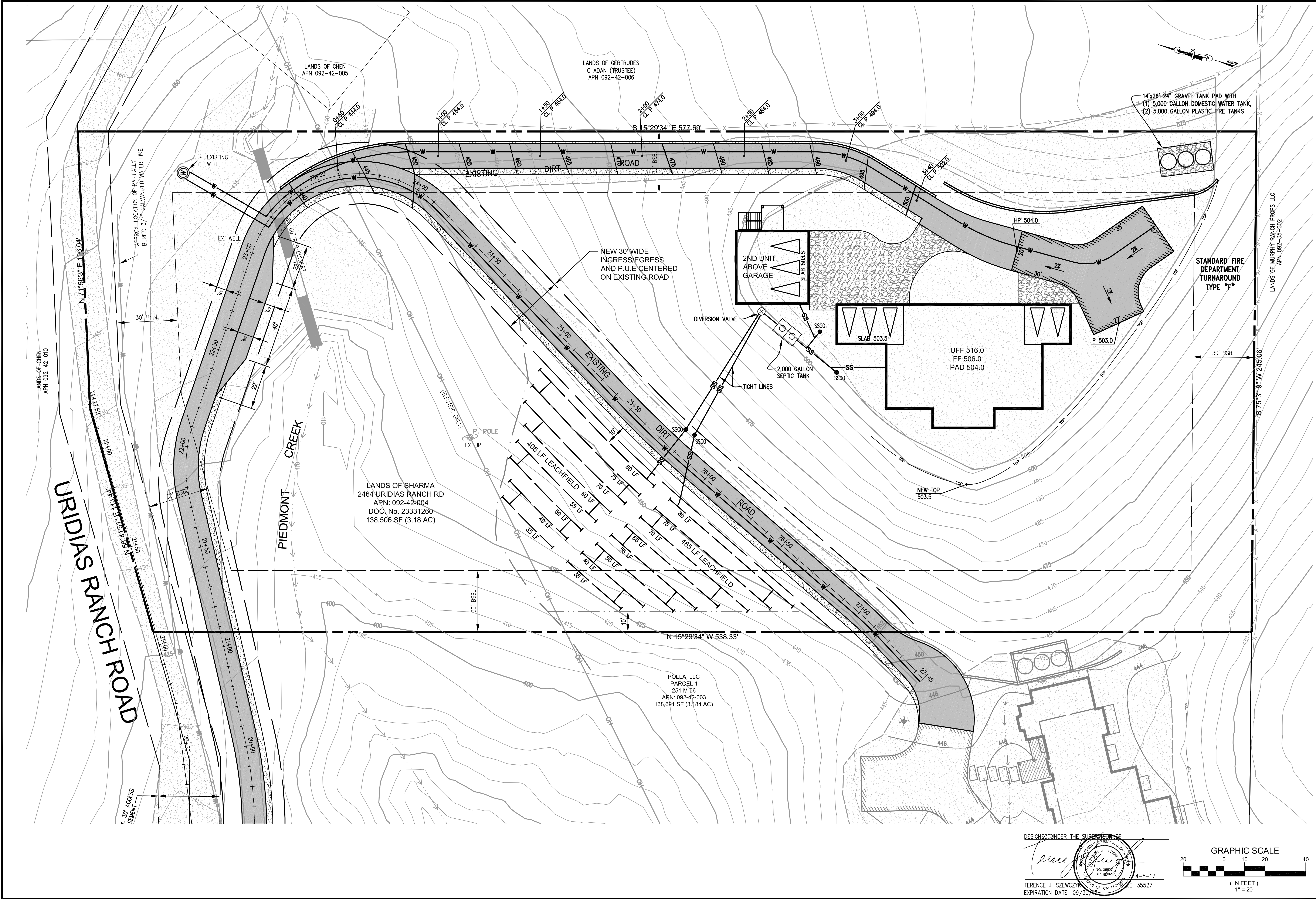
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TS		TS/CIVIL ENGINEERING, INC. 1776 TECHNOLOGY DRIVE SAN JOSE, CA 95110	
CIVIL ENGINEERING		FAX: 408.837.7550	
BUILDING SITE APPROVAL		LANDS OF SHEKHAR AND SHOVA SHARMA	
CONSTRAINTS PLAN		APN 092-42-004	
2464 URIDIAS RANCH RD			
MILPITAS CA 95035			
DATE:		4-5-17	
SCALE:		1"=20'	
DRAWN BY:		DKH	
SURVEYED BY:		KB	
PROJ ENGR:		TJS	
CHECK BY:		TJS	
SHEET NO.		C4	
OF 17 SHEETS			
JOB NO.		17-215	

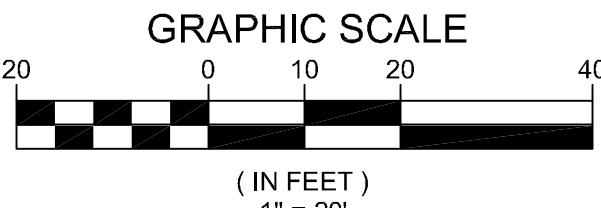
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DESIGNED UNDER THE SUPERVISION OF:  
*Terence J. Szweczyk*  
TERENCE J. SZWECZYK  
NO. 3552  
EXPIRATION DATE: 09/30/2017  
4-5-17  
STATE OF CALIFORNIA  
35527



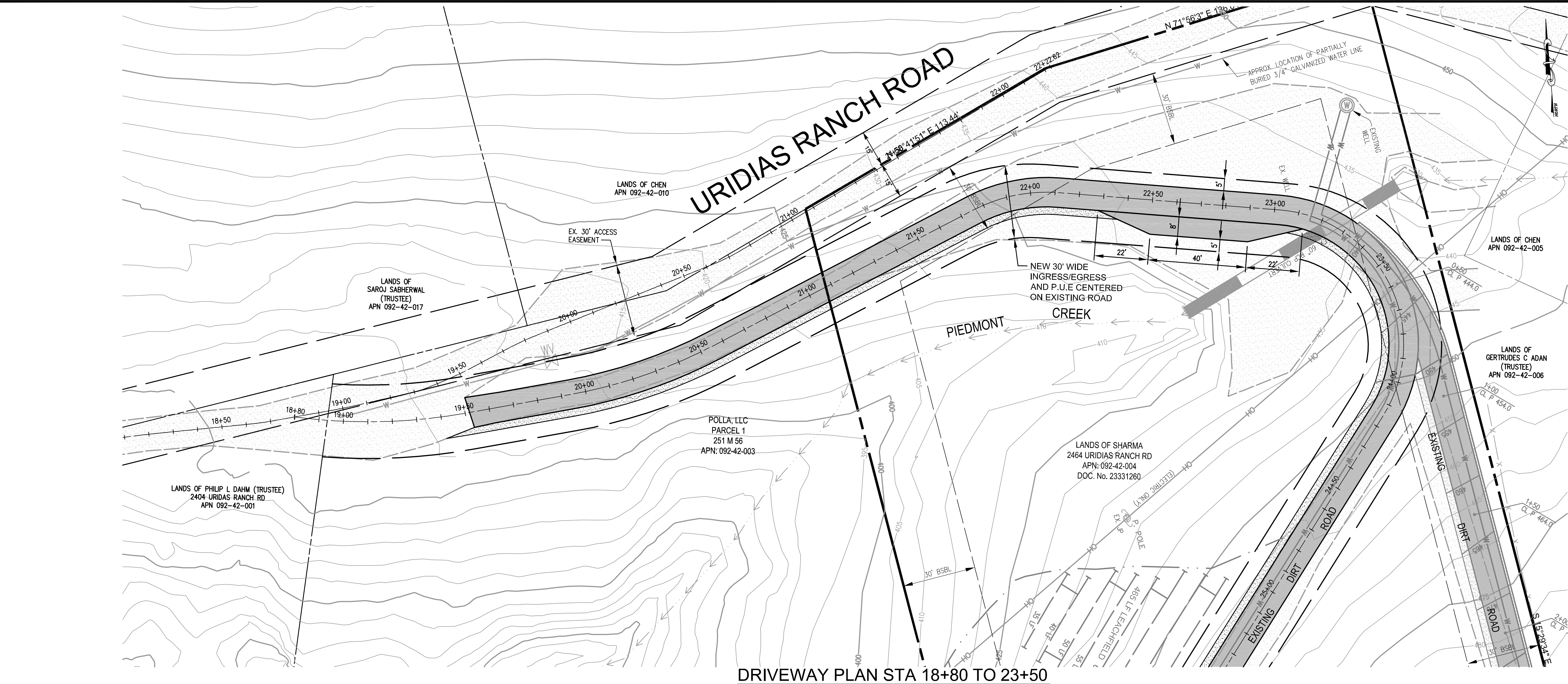
TS CIVIL ENGINEERING, INC. 1776 TECHNOLOGY DRIVE SAN JOSE, CA 95110 PH: 408.452.9300 FAX: 408.837.7550	
BUILDING SITE APPROVAL	
LEACHFIELD CLEARANCE PLAN 2464 URIDIAS RANCH RD MILPITAS CA 95035 APN 092-42-004	
LANDS OF SHEKHAR AND SHOVA SHARMA	
DATE: 4-5-17	
SCALE: 1"=20'	
DRAWN BY: DKH	
SURVEYED BY: KB	
PROJ. ENGR: TJS	
CHECK BY: TJS	
SHEET NO. C5	
OF 17 SHEETS	
JOB NO. 17-215	

APPLICANT: SHARMA

ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX

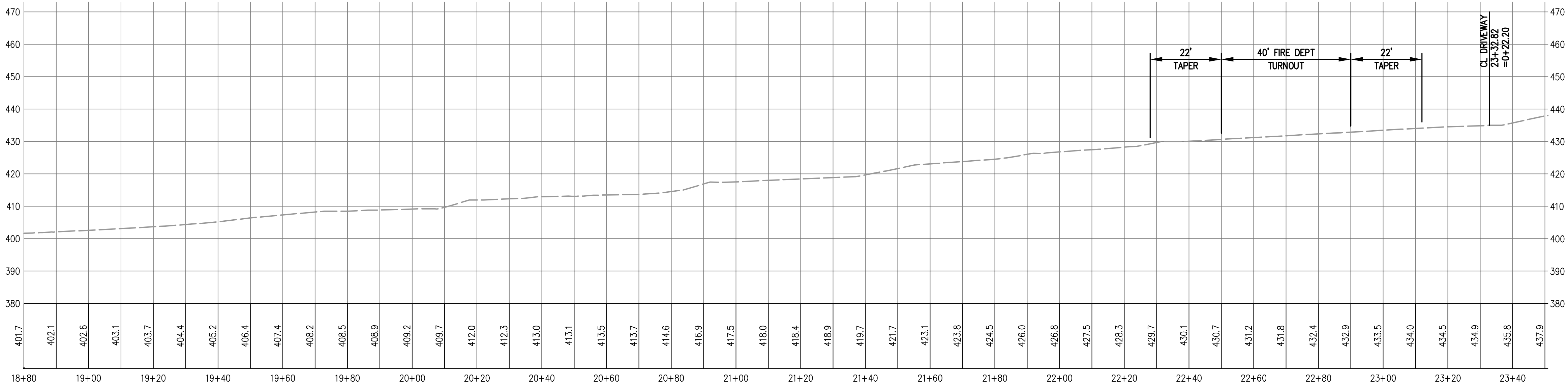
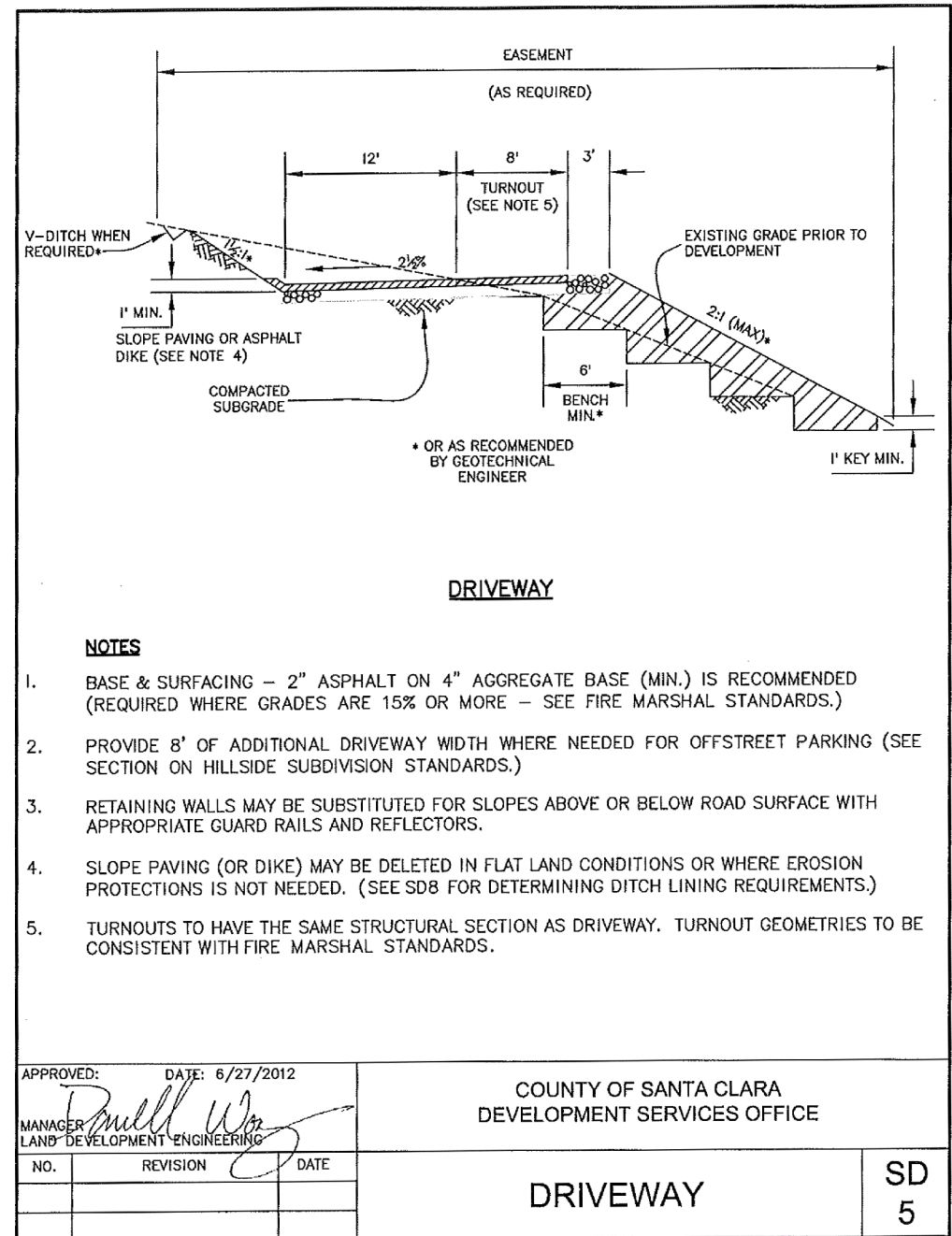


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DRIVEWAY PLAN STA 18+80 TO 23+50

1"=10'

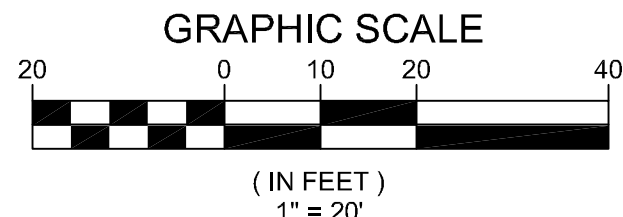


DRIVEWAY PROFILE STA 18+80 TO 23+50

1"=10'

DESIGNED UNDER THE SUPERVISION OF:

TERENCE J. SZEWCHAK  
REGISTERED PROFESSIONAL ENGINEER  
NO. 35527  
EXPIRATION DATE: 09/30/2017



TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300  
FAX: 408.837.7550

**TS**  
CIVIL ENGINEERING

BUILDING SITE  
APPROVAL

LANDS OF  
SHEKHAR AND SHOVA SHARMA

DRIVEWAY IMPROVEMENTS  
STA 18+80 TO 23+50  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004

NO.	REVISIONS	DATE
1		
2		
3		
4		
5		
6		

DATE: 4-5-17  
SCALE: 1"=20'  
DRAWN BY: DKH  
SURVEYED BY: KJB  
PROJ ENGR: TJ  
CHECK BY: TJ  
SHEET NO. **C6**  
OF 17 SHEETS  
JOB NO. 17-215

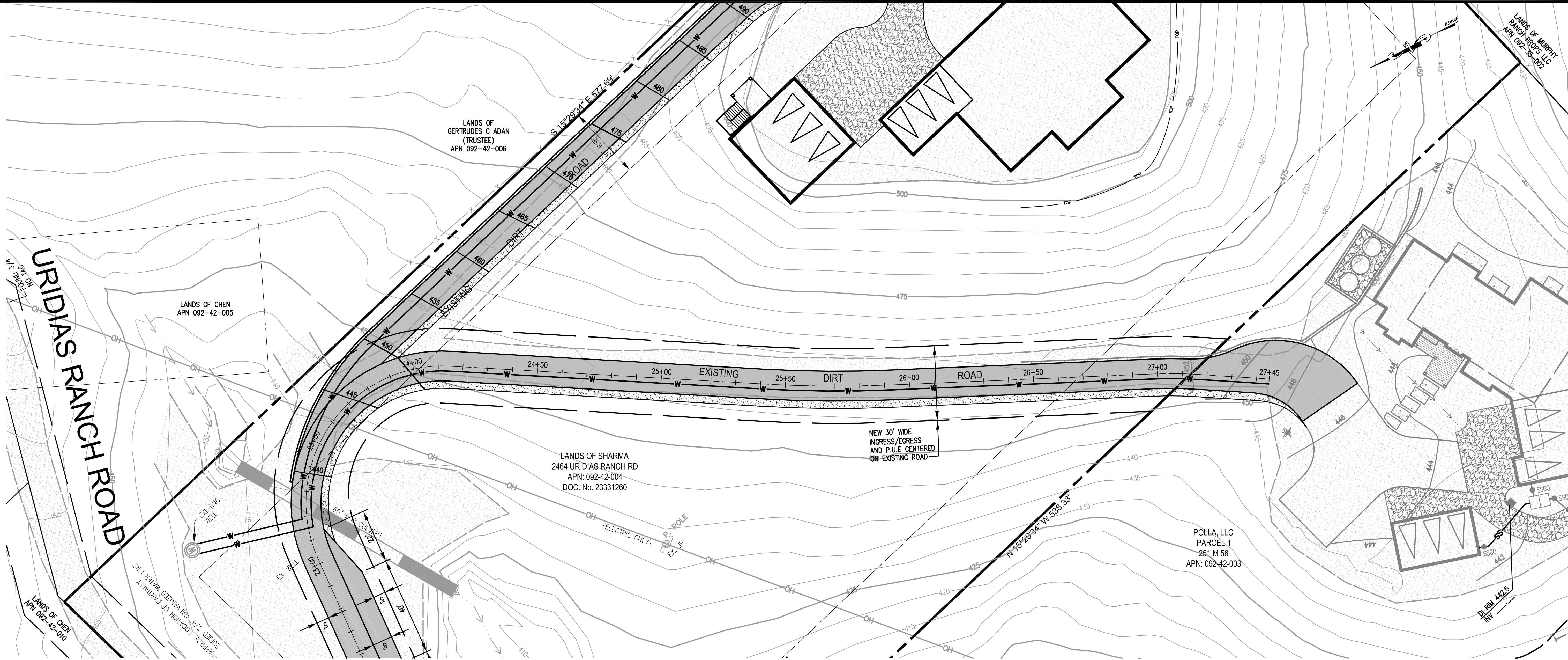
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APPLICANT: SHARMA

ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX

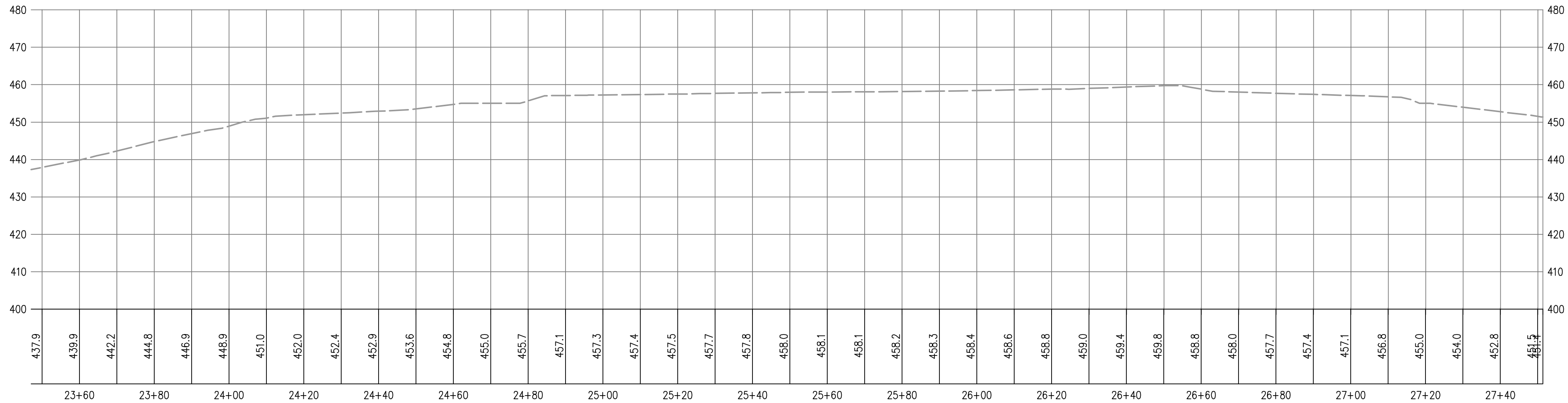


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DRIVEWAY PLAN STA 23+50 TO 27+40

1"=10'

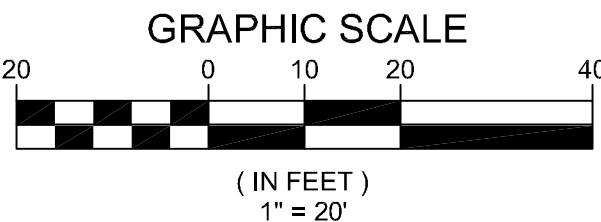


DRIVEWAY PROFILE STA 23+50 TO 27+40

1"=10'

DESIGNED UNDER THE SUPERVISION OF:

TERENCE J. SZEWICZ  
REGISTERED PROFESSIONAL ENGINEER  
NO. 35527  
EXPIRATION DATE: 09/30/2017  
STATE OF CALIFORNIA  
4-5-17



APPLICANT: SHARMA

ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX

TS

TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300  
FAX: 408.837.7550

BUILDING SITE APPROVAL

LANDS OF SHEKHAR AND SHOVA SHARMA

DRIVEWAY IMPROVEMENTS  
STA 23+50 TO 27+50  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004

NO.	DATE	BY	REVISIONS
6			
5			
4			
3			
2			
1			

DATE: 4-5-17

SCALE: 1"=20'

DRAWN BY: DKH

SURVEYED BY: KB

PROJ ENGR: TJS

CHECK BY: TJS

SHEET NO. C7

OF 17 SHEETS

JOB NO. 17-215

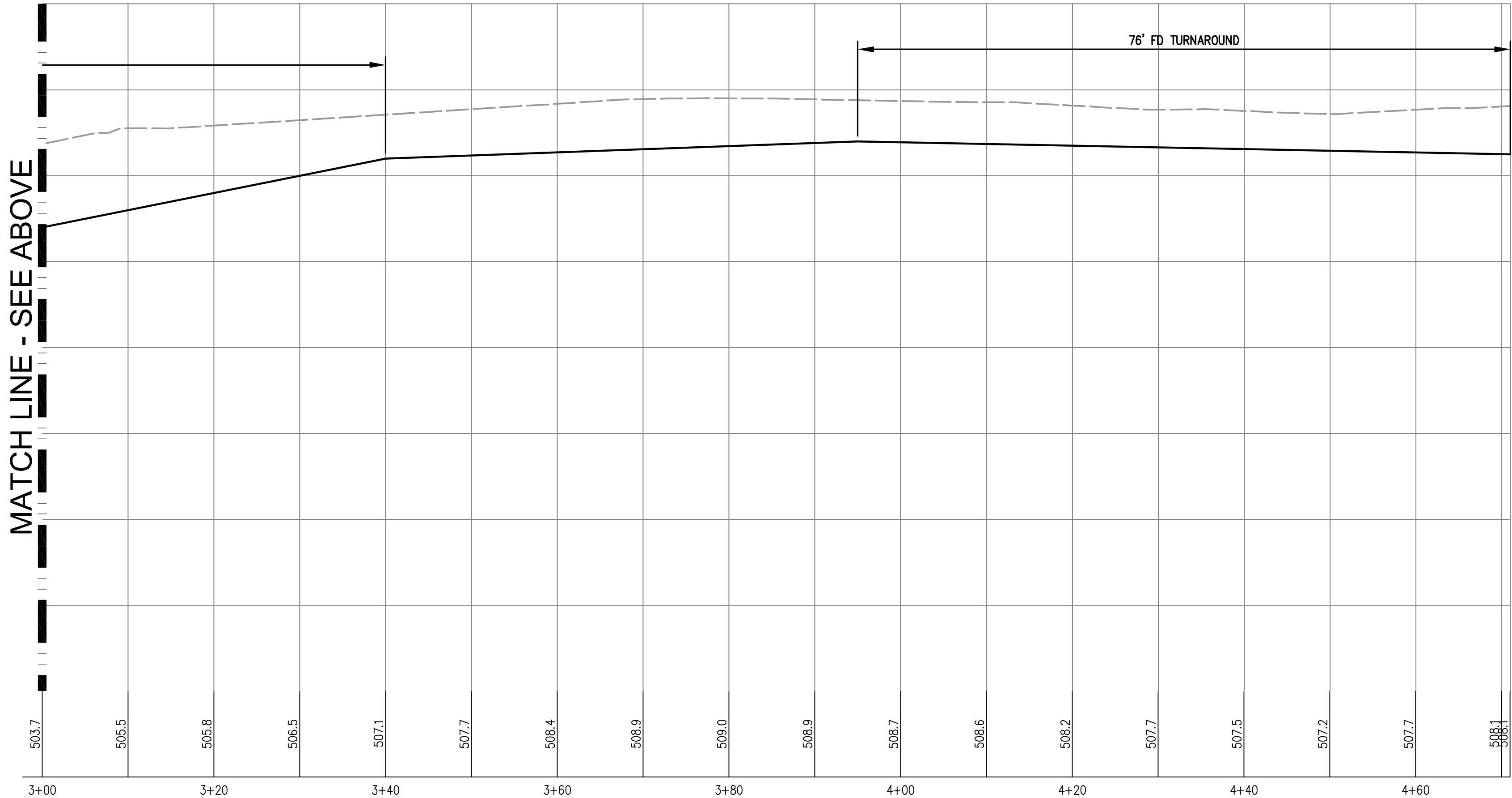
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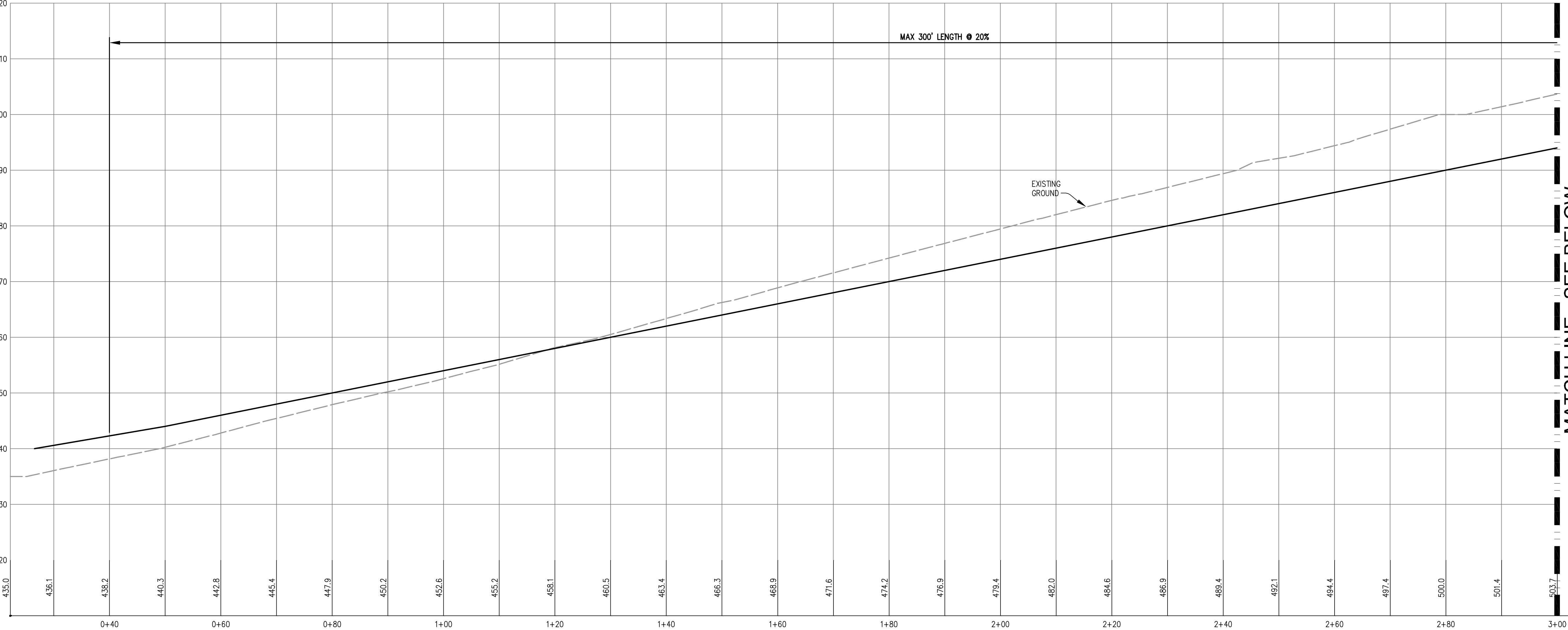




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DRIVEWAY PROFILE



DESIGNED UNDER THE SUPERVISION OF:

TERENCE J. SZEWCZYK

EXPIRATION DATE: 09/30/2017

4-5-17

35527

STATE OF CALIFORNIA

GRAPHIC SCALE

10 0 5 10 20

(IN FEET)

1" = 10'

NO.	BY	REVISIONS	DATE
6			
5			
4			
3			
2			
1			

DATE: 4-5-17

SCALE: 1"=10'

DRAWN BY: DKH

SURVEYED BY: KB

PROJ ENGR: TJS

CHECK BY: TJS

SHEET NO. C9

OF 17 SHEETS

JOB NO. 17-215

SITE CROSS SECTIONS

2464 URIDIAS RANCH RD

MILPITAS CA 95035

APN 092-42-004

BUILDING SITE

APPROVAL

LANDS OF

SHEKHAR AND SHOVA SHARMA

TS CIVIL ENGINEERING

TS CIVIL ENGINEERING, INC.

1776 TECHNOLOGY DRIVE

SAN JOSE, CA 95110

PH: 408.452.9300

FAX: 408.837.7550



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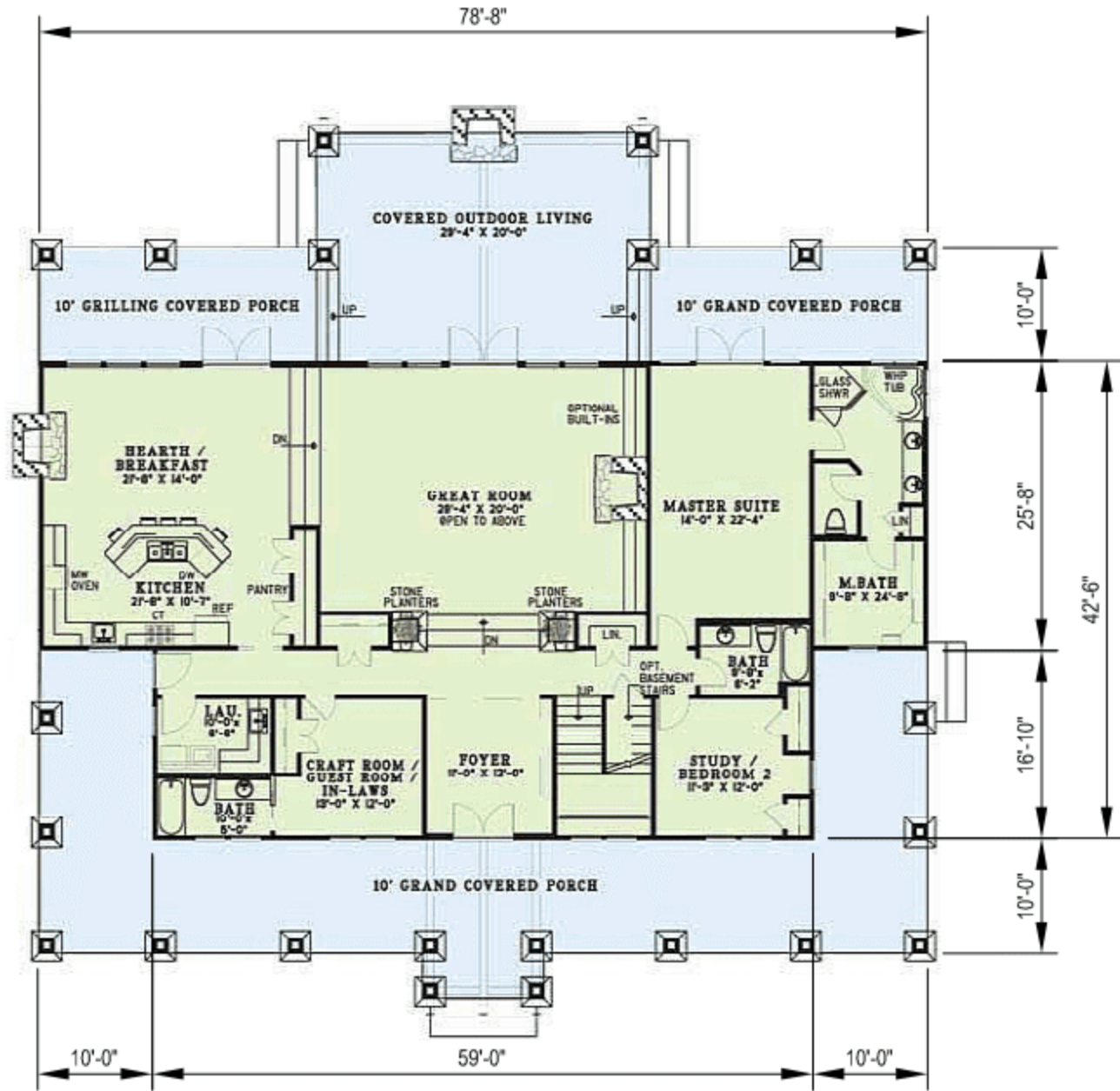
FRONT ELEVATION



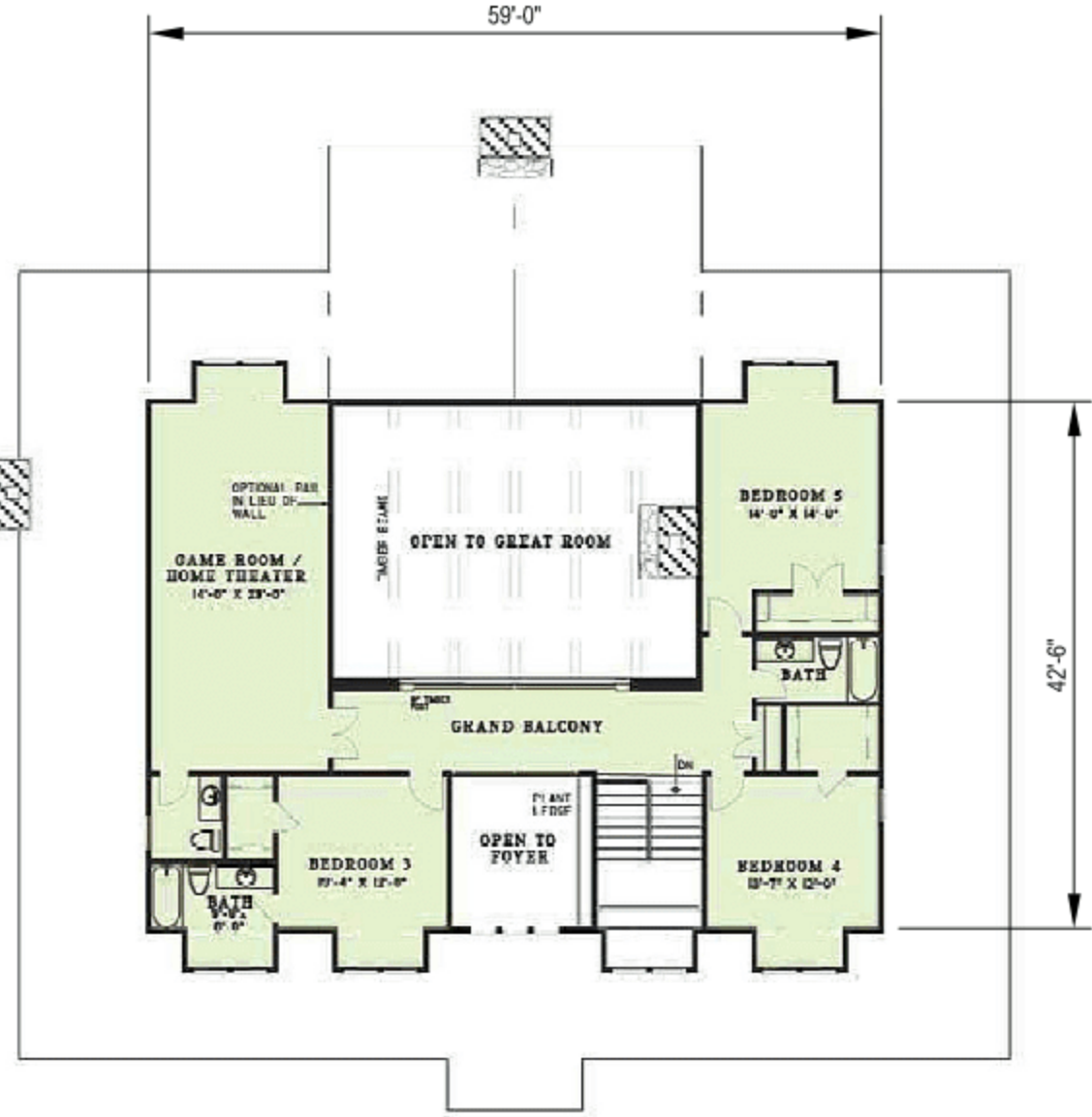
FRONT ELEVATION



REAR ELEVATION



FIRST FLOOR PLAN  
NOT TO SCALE



SECOND FLOOR PLAN  
NOT TO SCALE

DESIGNED UNDER THE SUPERVISION OF:  
*Terence J. Szwed*  
TERENCE J. SZWED  
NO. 10527  
EXPIRATION DATE: 09/30/17  
STATE OF CALIFORNIA, 35527  
4-5-17

PRIMARY BUILDING ELEVATIONS  
AND FLOOR PLANS  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004

NO.	REVISIONS	DATE
1		
2		
3		
4		
5		
6		

DATE: 4-5-17  
SCALE: N.T.S.  
DRAWN BY: DKH  
SURVEYED BY: KB  
PROJ ENGR: TJS  
CHECK BY: TJS

SHEET NO.  
**C10**  
OF 17 SHEETS  
JOB NO.  
17-215

BUILDING SITE  
APPROVAL  
LANDS OF  
SHEKHAR AND SHOVA SHARMA  
PH: 408.452.9300  
FAX: 408.837.7550  
TS-CIVIL ENGINEERING  
TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110



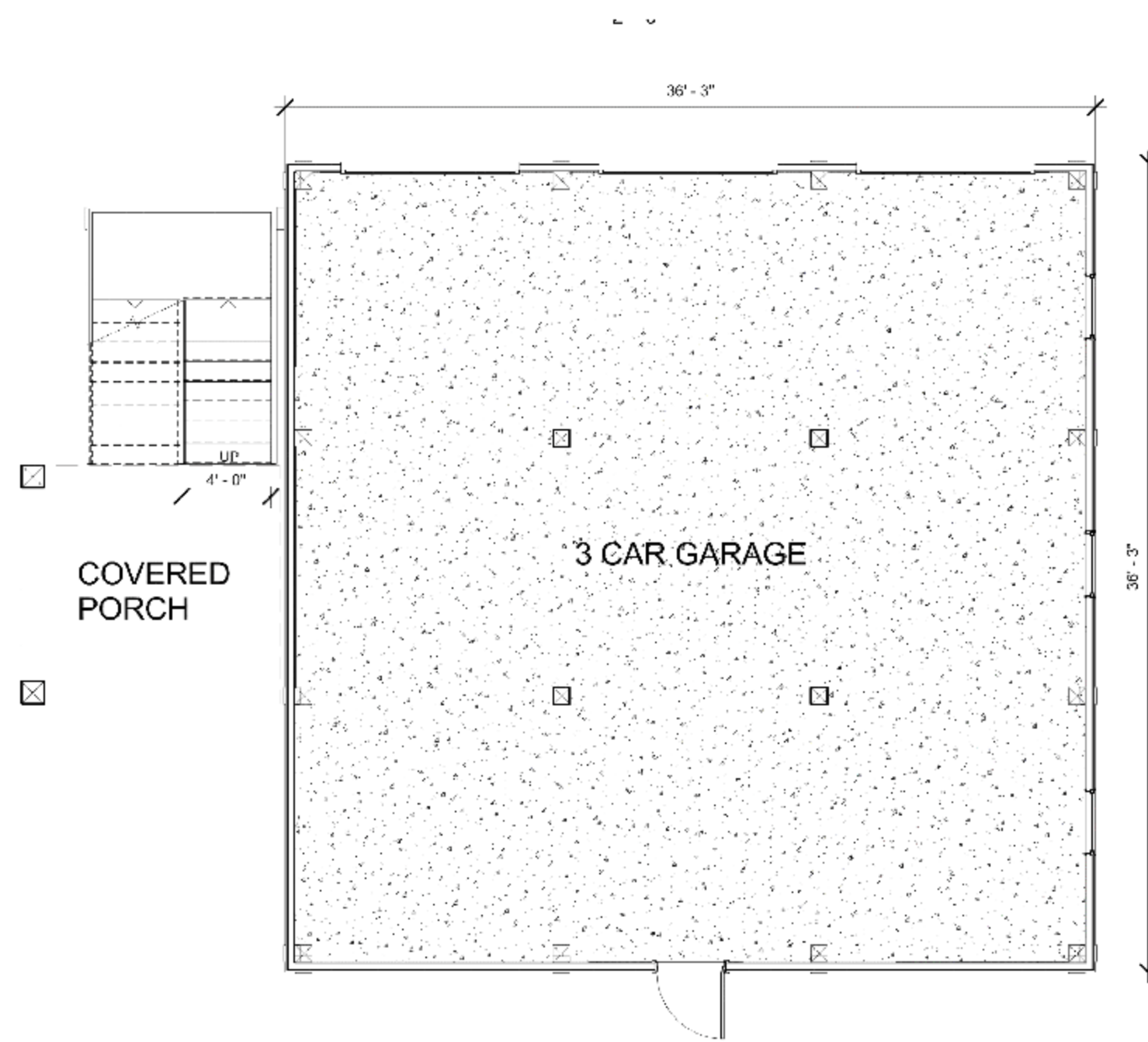
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FRONT ELEVATION  
NOT TO SCALE



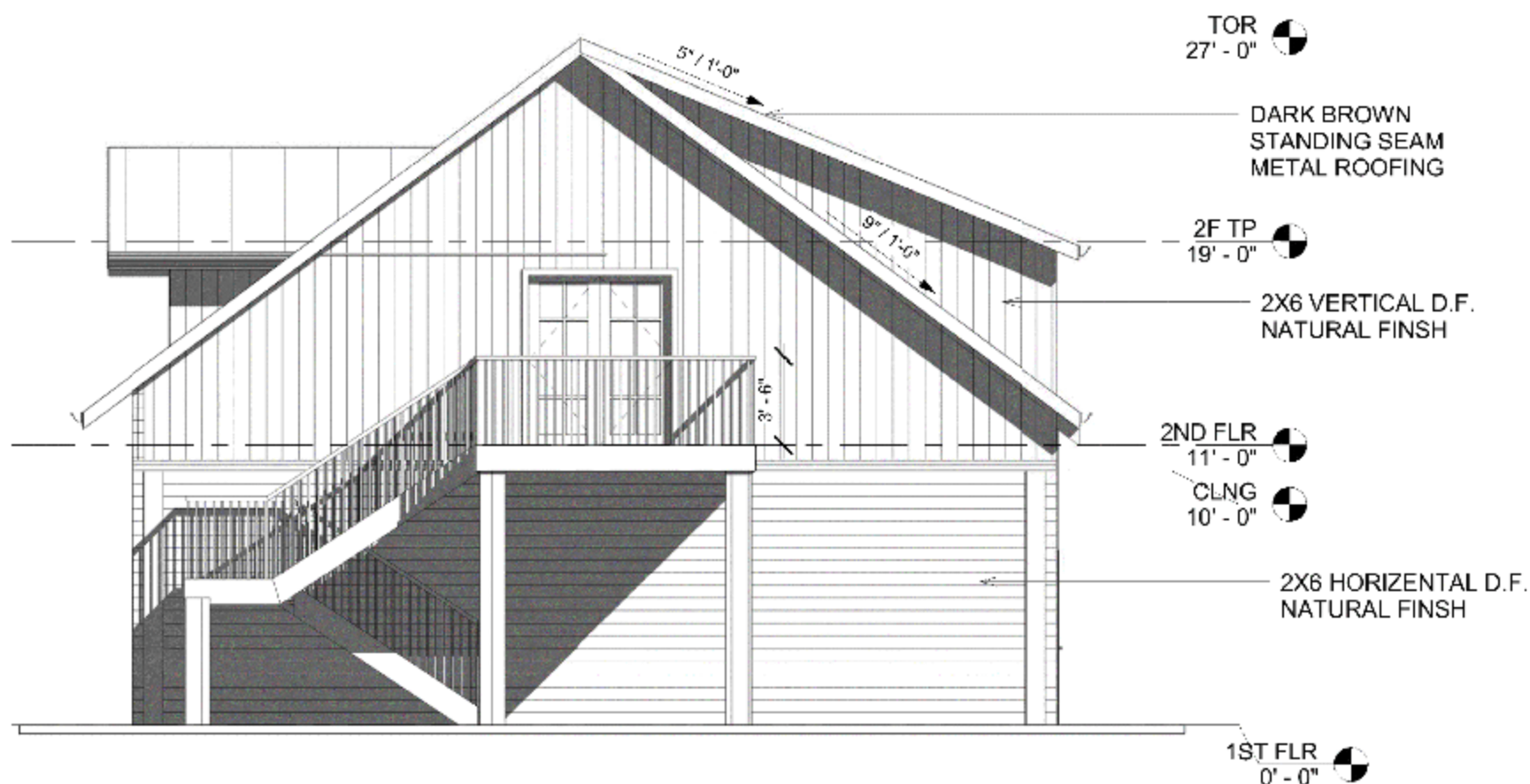
LEFT SIDE ELEVATION  
NOT TO SCALE



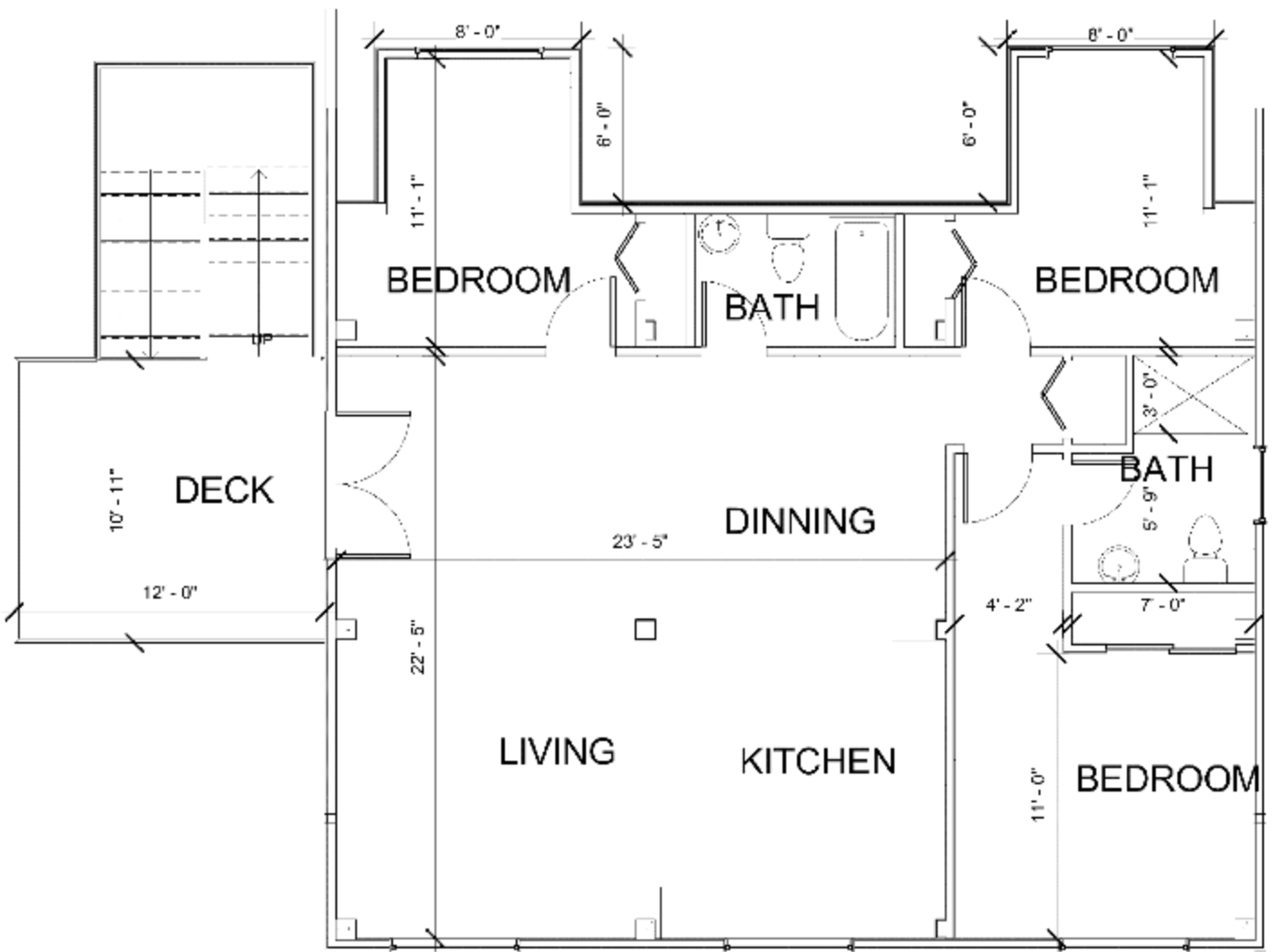
FIRST FLOOR PLAN  
NOT TO SCALE



REAR ELEVATION  
NOT TO SCALE



RIGHT SIDE ELEVATION  
NOT TO SCALE



SECOND FLOOR PLAN  
NOT TO SCALE

DESIGNED UNDER THE SUPERVISION OF:  
*Terence J. Szweczyk*  
TERENCE J. SZWECZYK  
NO. 15527  
EXPIRATION DATE: 09/30/2017  
STATE OF CALIFORNIA  
4-5-17  
35527

TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300  
FAX: 408.837.7550

**TS**  
CIVIL ENGINEERING

BUILDING SITE  
APPROVAL

LANDS OF  
SHEKHAR AND SHOVA SHARMA

SECONDARY BUILDING ELEVATIONS  
AND FLOOR PLANS

2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004

NO.	REVISIONS	DATE
1		
2		
3		
4		
5		
6		

DATE: 4-5-17

SCALE: AS NOTED

DRAWN BY: DKH

SURVEYED BY: KB

PROJ ENGR: TJS

CHECK BY: TJS

SHEET NO.

**C11**

OF 17 SHEETS

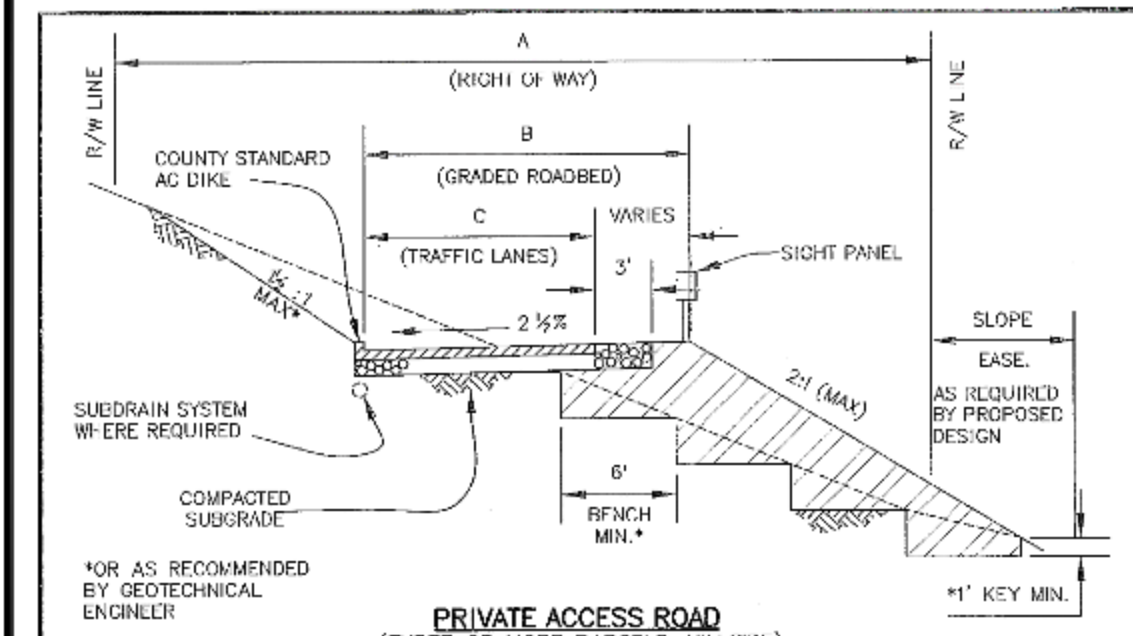
JOB NO.

17-215

APPLICANT: SHARMA


ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX





TYPE OF ROAD	MINIMUMS		
	A	B	C
ONE-WAY LOOP (TURNAROUNDS AS SPECIFIED)	40'	18'	12'
3 LOTS (ULTIMATE DEVELOPMENT)	40'	24'	18'
4 OR MORE LOTS (ULTIMATE DEVELOPMENT)	60'	30' OR 36'	18'
HALF-ROAD (INITIAL CONSTRUCTION)	40'	24'	18'
EMERGENCY ACCESS ROAD (WITH TURNOUTS)	20'	15'	12'

1. **ROADS SERVING 40 OR MORE LOTS ARE TO BE DESIGNED FOR FUTURE UPGRADING TO COUNTY MAINTAINED ROAD STANDARDS UNLESS OTHERWISE SPECIFIED BY LAND DEVELOPMENT EXISTING.**
2. **BASE SURFACE SHALL BE 2" ASPHALT ON 4" AGGREGATE BASE, EXCEPT AS OTHERWISE SPECIFIED BY LAND DEVELOPMENT ENGINEERING.**
3. **ASPHALT DKE. MAY BE BELIEVED WHERE EROSION PROTECTION IS NOT NEEDED. (SEE SDB FOR DETERMINING DITCH REQUIREMENTS.)**
4. **SEE SECTION ON MANUAL EDITING "POICES & STANDARDS FOR ROADS" FOR FURTHER DESIGN AND CONSTRUCTION INFORMATION.**
5. **BENCHING MAY BE DELETED WHERE CROSS SECTION IS LESS THAN 20%.**

APPROVED: 	DATE: 10/25/2013	COUNTY OF SANTA CLARA DEPARTMENT OF PLANNING AND DEVELOPMENT LAND DEVELOPMENT ENGINEERING	
MANAGER LAND DEVELOPMENT ENGINEERING		PRIVATE ACCESS ROAD (HILLSIDE CONDITIONS)	SD 2
NO.	REVISION	DATE	

APN 092-36-006  
APN 092-37-033  
APN 092-37-036  
APN 092-37-050  
APN 092-42-001  
APN 092-42-003  
APN 092-42-004  
APN 092-42-006  
APN 092-42-008  
APN 092-42-009  
APN 092-42-010  
APN 092-42-013  
APN 092-42-017  
TOTAL = 13 LOTS

$$3000 \text{ LF} / 13 \text{ LOTS} = 230 \text{ LF/LOT}$$

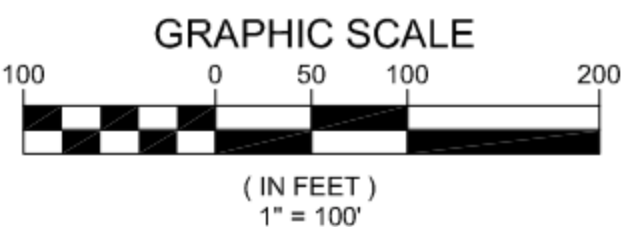
DESIGNED UNDER THE SUPERVISION OF:

*Terence J. Szweczyński*

REGISTERED PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA  
NO. 35527  
EXP. 09/30/17

4-5-17

TERENCE J. SZWECZYŃSKI  
EXPIRATION DATE: 09/30/17



JOB NO.		17-215	
SHEET NO.		C12 OF 17 SHEETS	
CHECK BY:	TJS	PROJ ENGR:	TJS
SURVEYED BY:	KB	DRAWN BY:	DKH
SCALE:	1"=100'	DATE:	4-5-17
1		2	
3		4	
5		6	
BY		DATE	
REVISIONS			
BUILDING SITE APPROVAL		LANDS OF SHEKHAR AND SHOVA SHARMA	
TS		Z-CIVIL ENGINEERING	
TSCIVIL ENGINEERING, INC. 1776 TECHNOLOGY DRIVE SAN JOSE, CA 95110		PH: 408.452.9300 FAX: 408.837.7550	

04/05/2017 10:59am - N:\2017 Jobs\17-215\DWG\17-215 BSA C12 STAGED IMPROVEMENT SHARE.dwg - 12

ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX



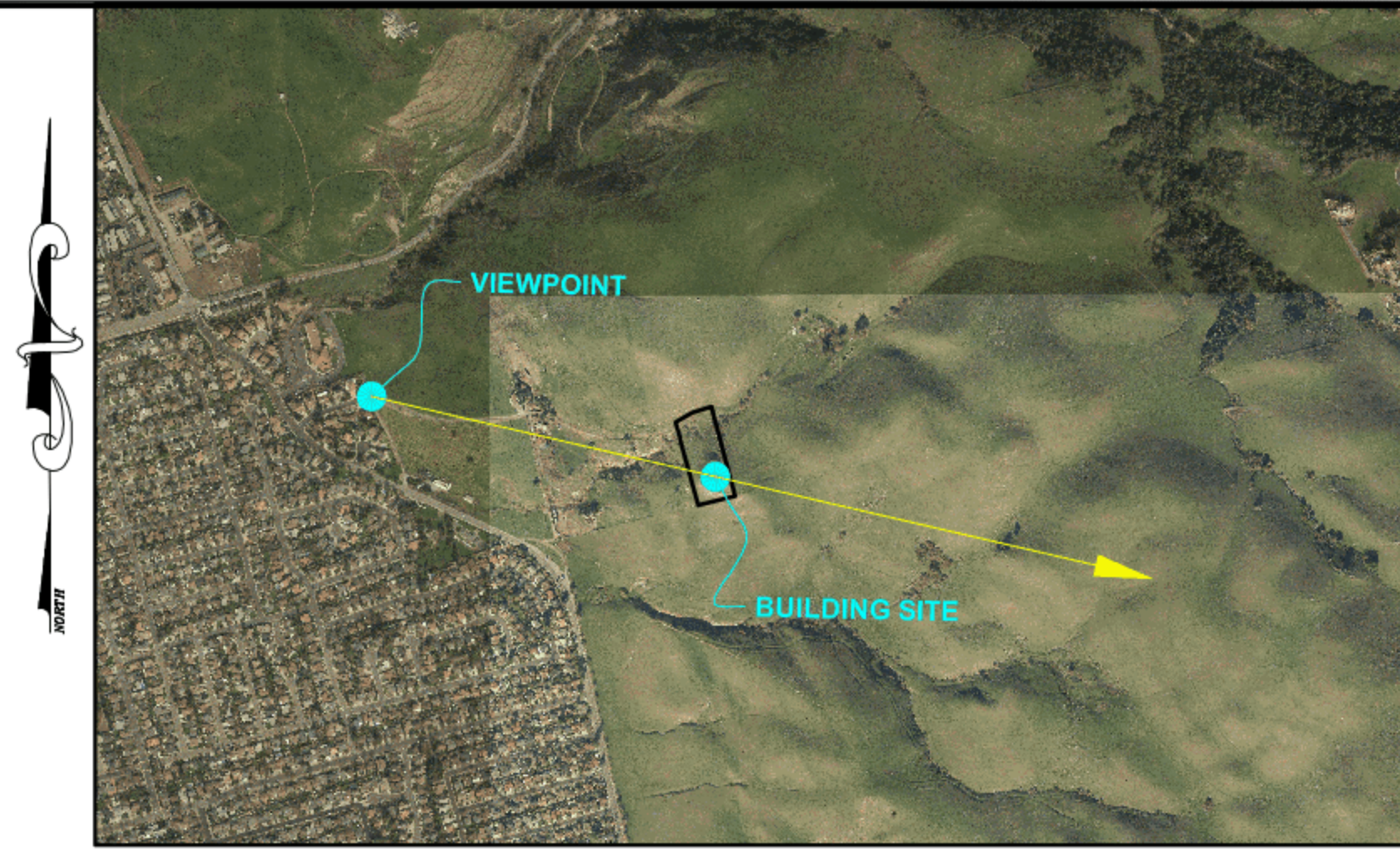
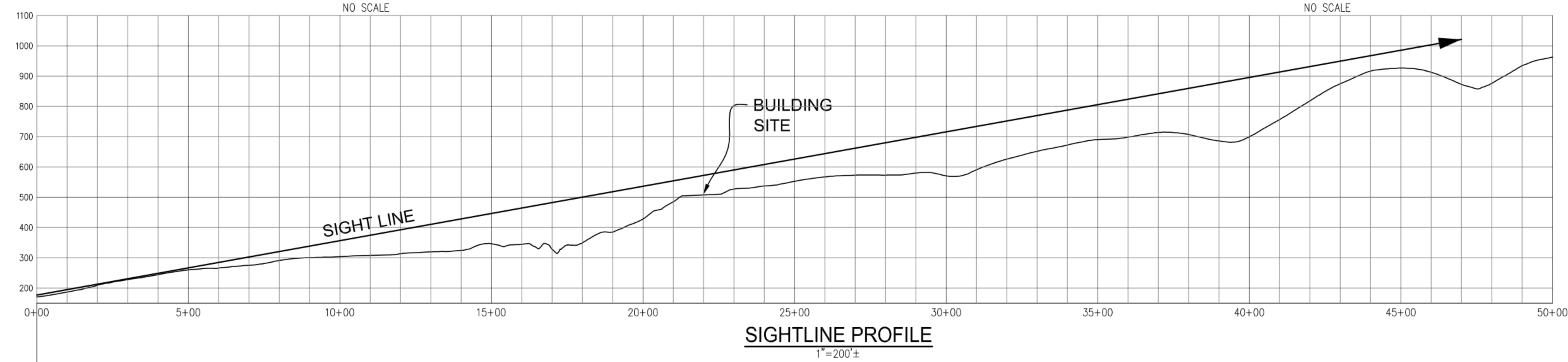
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BUILDING SITE FROM URIDIAS RANCH ROAD  
(NO ZOOM)



BUILDING SITE FROM URIDIAS RANCH ROAD  
(MAX ZOOM)



SIGHT LINE PLAN  
1" = 1000'±

APPLICANT: SHARMA

ROAD: URIDIAS RANCH RD. COUNTY FILE NO.: XXXXX-XXX-XXXX

DESIGNED UNDER THE SUPERVISION OF:  
*Terence J. Szwed*  
TERENCE J. SZWED  
NO. 10227  
EXPIRATION DATE: 09/30/17  
STATE OF CALIFORNIA  
EXPIRATION DATE: 09/30/17

TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300  
FAX: 408.837.7550

**TS** CIVIL ENGINEERING

BUILDING SITE  
APPROVAL  
LANDS OF  
SHEKHAR AND SHOVA SHARMA

**SIGHTLINE FROM  
URIDIAS RANCH RD  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004**

NO.	BY	REVISIONS	DATE
1			
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6			

DATE: 4-5-17  
SCALE: AS NOTED  
DRAWN BY: DKH  
SURVEYED BY: KB  
PROJ ENGR: TJS  
CHECK BY: TJS

SHEET NO.  
**C-13**  
OF 17 SHEETS  
JOB NO.  
17-215



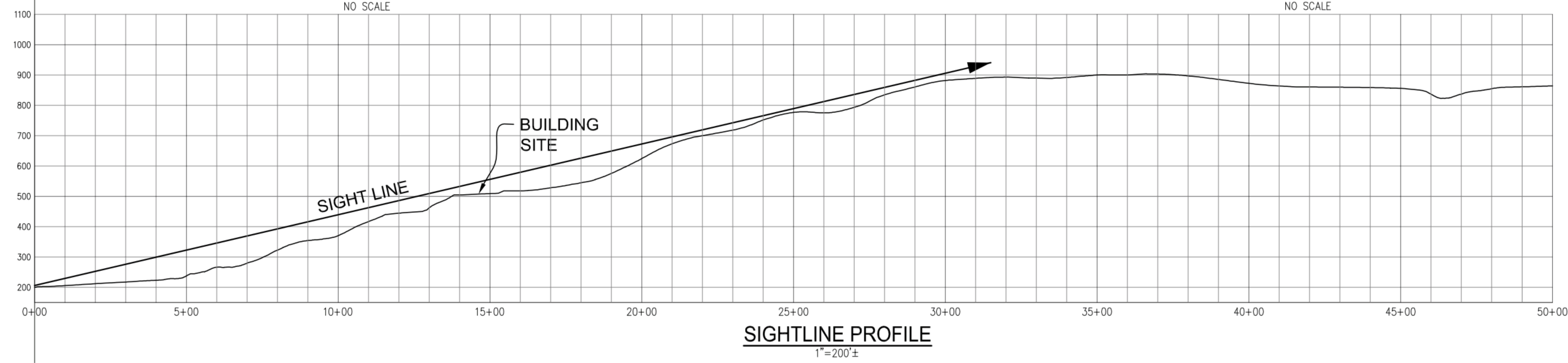
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BUILDING SITE FROM PIEDMONT ROAD AT CALAVARAS ROAD  
(NO ZOOM)



BUILDING SITE FROM PIEDMONT ROAD AT CALAVARAS ROAD  
(MAX ZOOM)



SIGHT LINE PLAN  
1" = 1000'±

TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300  
FAX: 408.837.7550

**TS** CIVIL ENGINEERING

BUILDING SITE  
APPROVAL  
LANDS OF  
SHEKHAR AND SHOVA SHARMA

**SIGHTLINE FROM PIEDMONT RD  
AT SAINT JOHN'S CEMETARY**  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004

NO.	REVISIONS	DATE
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4		
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2		
1		

DATE: 4-5-17  
SCALE: AS NOTED  
DRAWN BY: DKH  
SURVEYED BY: KB  
PROJ ENGR: TJS  
CHECK BY: TJS

DESIGNED UNDER THE SUPERVISION OF:  
  
TERENCE J. SZEWCZYK  
EXPIRATION DATE: 09/30/2021

SHEET NO.  
**C-14**  
OF 17 SHEETS

JOB NO.  
17-215

04/05/2017 10:49am - N:\2017 Jobs\17-215 BSA C14 SIGHTLINE 2.dwg - 14



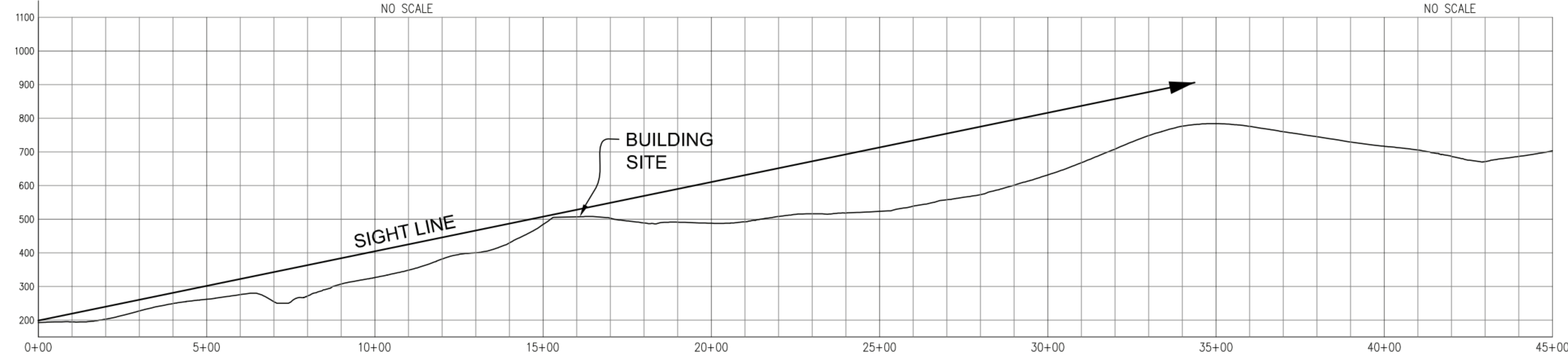
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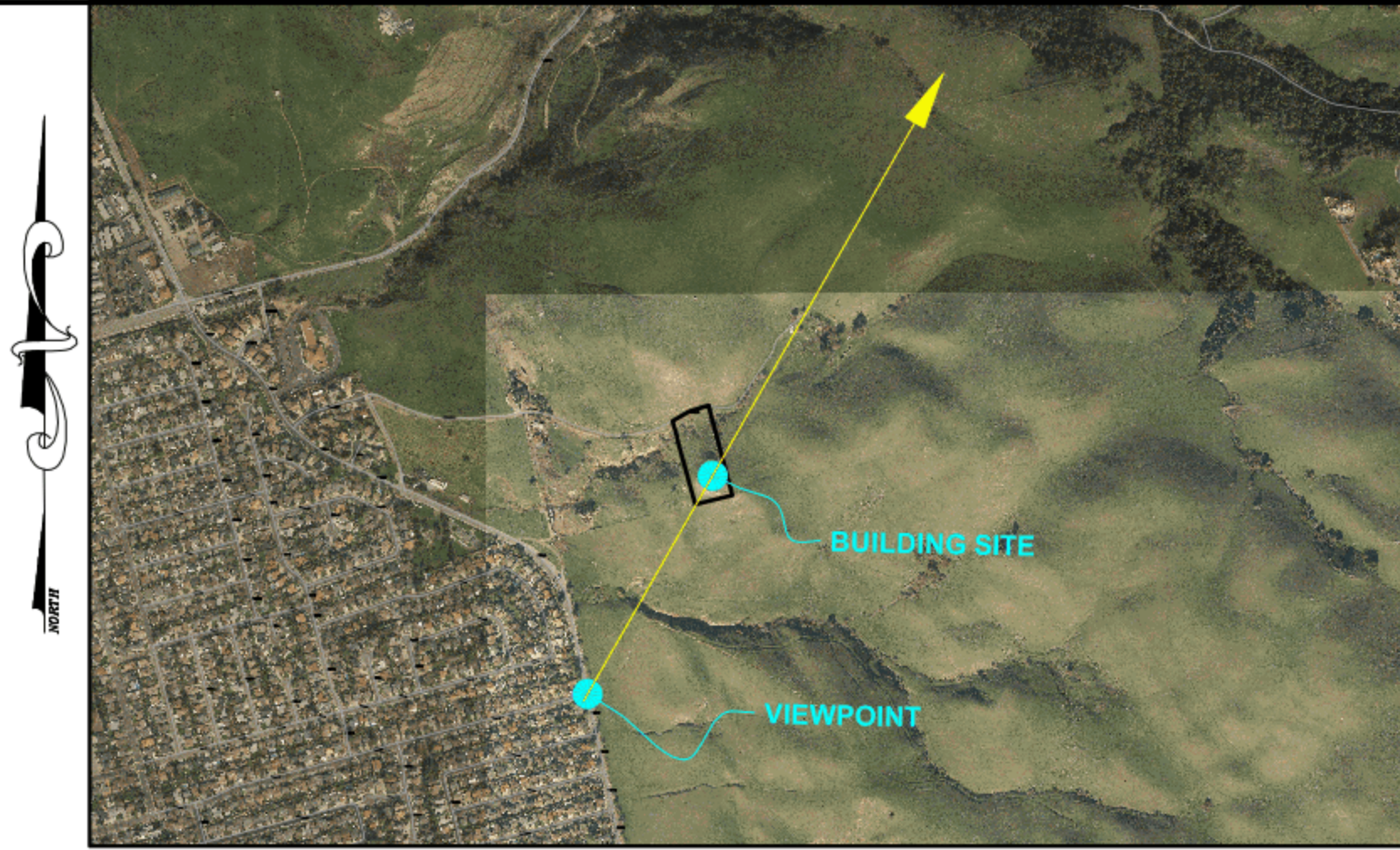
BUILDING SITE FROM YOSEMITE DRIVE & PIEDMONT ROAD  
(NO ZOOM)



BUILDING SITE FROM YOSEMITE DRIVE & PIEDMONT ROAD  
(MAX ZOOM)



SIGHTLINE PROFILE  
1"=200'±



SIGHT LINE PLAN  
1" = 1000'±

DESIGNED UNDER THE SUPERVISION OF:  
*Terence J. Szechwitz*  
TERENCE J. SZEWCZYK  
NO. 10227  
EXP. 06/30/17  
4-5-17  
STATE OF CALIFORNIA  
EXPIRATION DATE: 09/30/17  
35527

TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300  
FAX: 408.837.7550

**TS** CIVIL ENGINEERING

BUILDING SITE  
APPROVAL  
LANDS OF  
SHEKHAR AND SHOVA SHARMA

**SIGHTLINE FROM PIEDMONT RD  
AT YOSEMITE DRIVE  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004**

NO.	REVISIONS	DATE
6		
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4		
3		
2		
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DATE: 4-5-17  
SCALE: AS NOTED  
DRAWN BY: DKH  
SURVEYED BY: KBKB  
PROJ ENGR: TJS  
CHECK BY: TJS

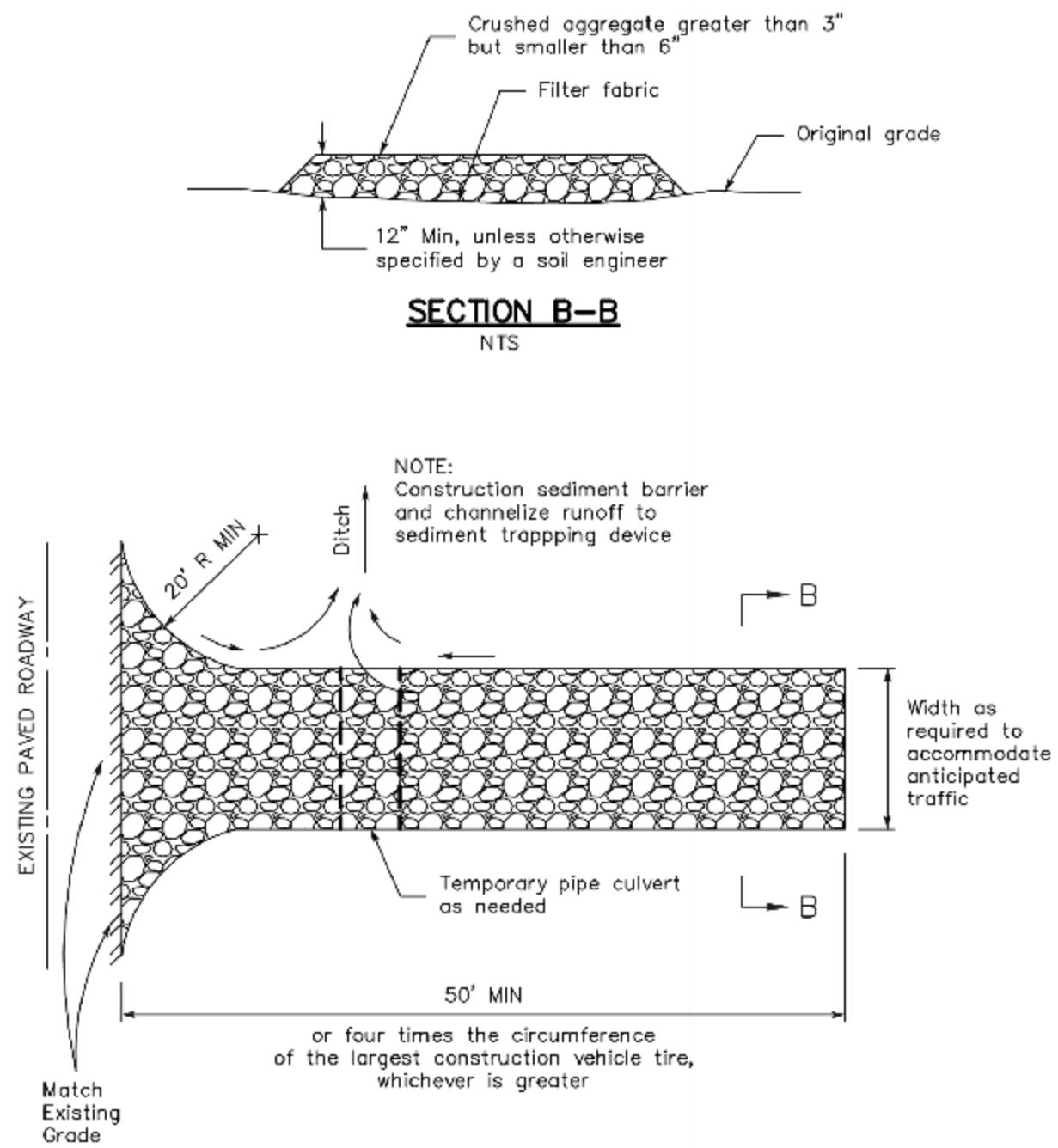
SHEET NO.  
**C-15**  
OF 17 SHEETS  
JOB NO.  
17-215



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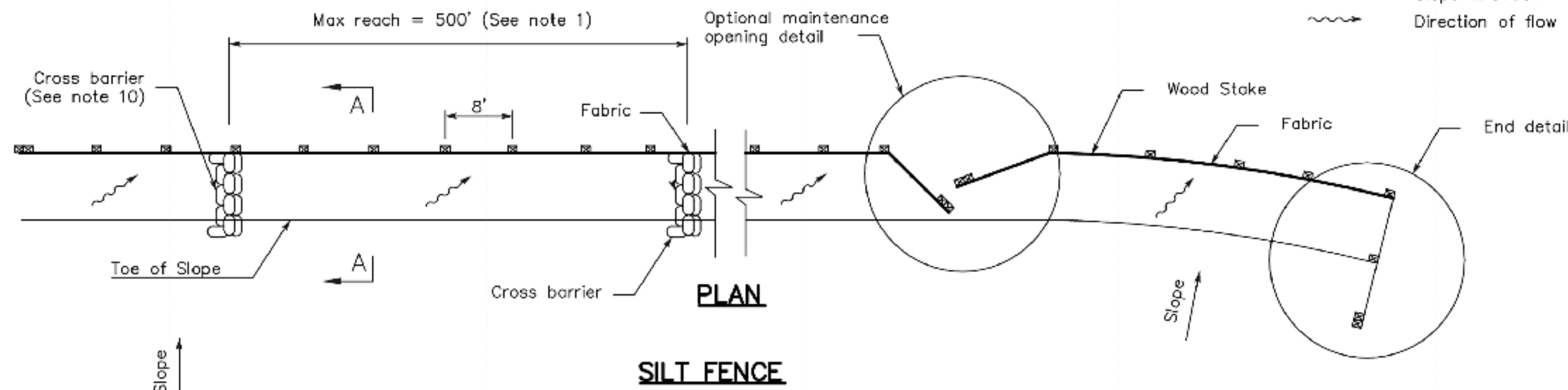
### 3 Stabilized Construction Entrance/Exit

CASQA Detail TC-1



### 1 Silt Fence

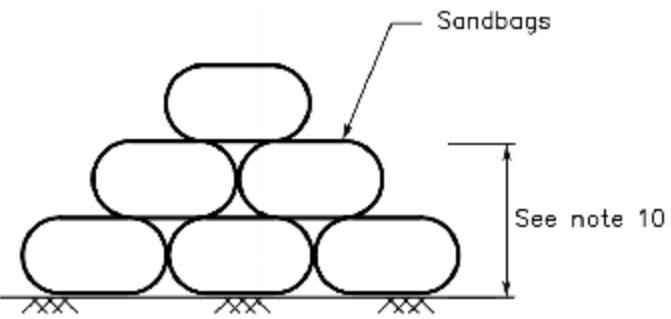
CASQA Detail SE-1



#### NOTES

1. Construction the length of each reach so that the change in base elevation along the reach does not exceed 1/3 the height of the linear barrier, in no case shall the reach length exceed 500'
2. The last 8'-0" at fence shall be turned up slope.
3. Stake dimensions are nominal.
4. Dimension may vary to fit field condition.
5. Stakes shall be spaced at 8'-0" maximum and shall be positioned on downstream side of fence.
6. Stake shall be overlap driven tightly together to prevent potential flow-through of sediment at joint. The top of stake shall be secure with wire.
7. For end stake, fence fabric shall be folded around two stakes one full turn and secured with 4 staple.
8. Minimum 4 staples per stake. Dimensions shown are typical.
9. Cross barriers shall be a minimum of 1/3 a maximum at 1/2 the height of the linear barrier.
10. Maintenance openings shall be constructed in a manner to ensure sediment remains behind silt fence.
11. Joining sections shall not be placed at sump locations.
12. Sandbag rows and layers shall be offset to eliminate gaps.

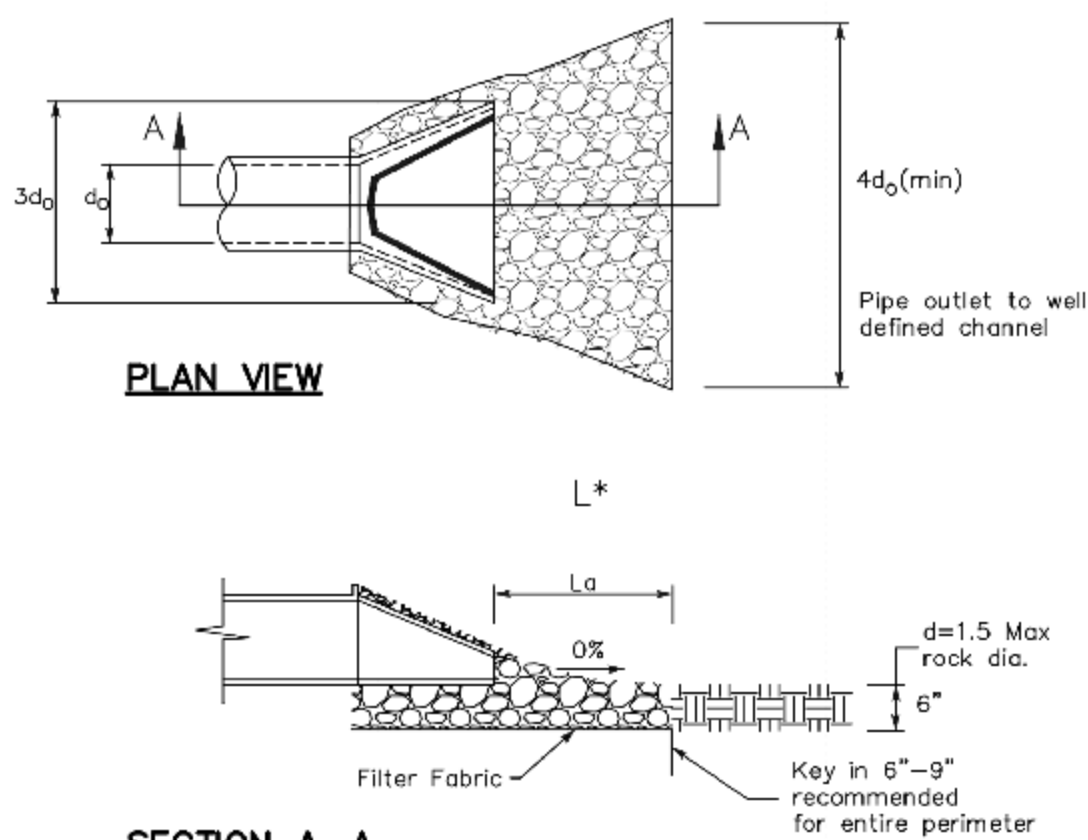
#### CROSS BARRIER DETAIL



#### SECTION C-C

### 4 Velocity Dissipation Devices

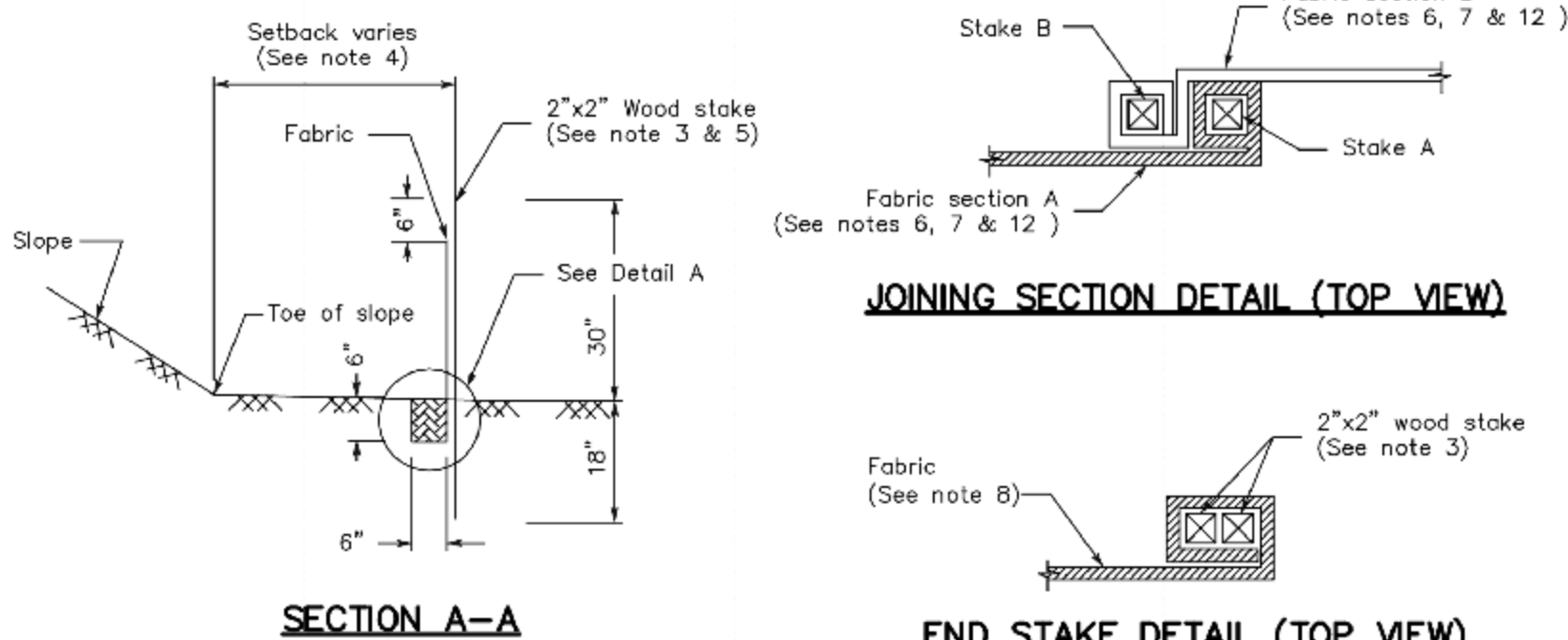
CASQA Detail EC-10



\* Length per ABAG Design Standards

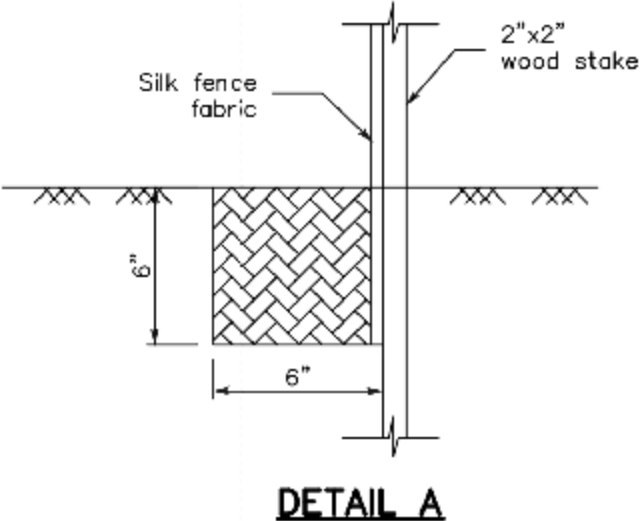
### 2 Silt Fence

CASQA Detail SE-1

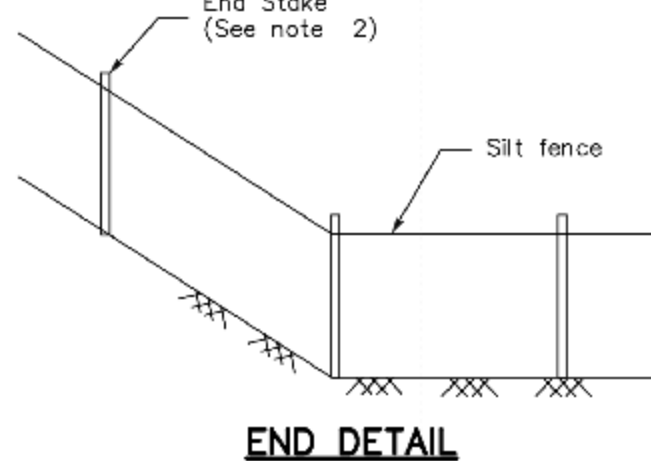


#### SECTION A-A

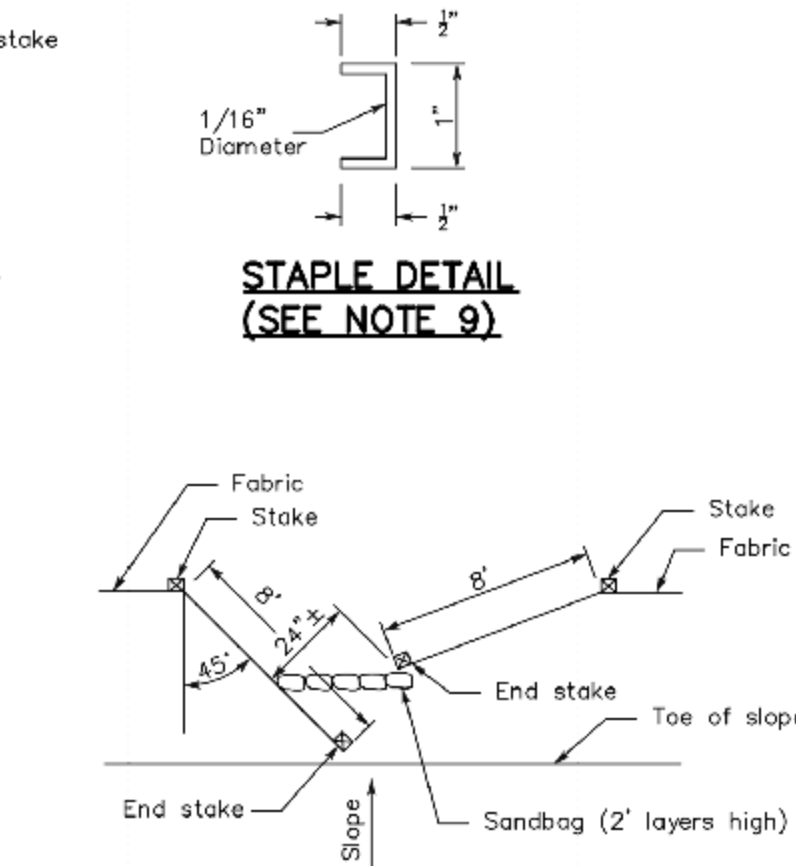
#### END STAKE DETAIL (TOP VIEW)



#### DETAIL A



#### END DETAIL



#### OPTIONAL MAINTENANCE OPENING DETAIL (SEE NOTE 11)

#### STANDARD BEST MANAGEMENT PRACTICE NOTES

1. Solid and Demolition Waste Management: Provide designated waste collection areas and containers on site away from streets, gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C3) or latest. Hazardous Waste Management: Provide proper handling and.
2. Disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable materials. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
3. Spill Prevention and Control: Provide proper storage areas for liquid and solid materials, including chemicals and hazardous substances, away from streets, gutters, storm drains, and waterways. Spill control materials must be kept on site where readily accessible. Spills must be cleaned up immediately and contaminated soil disposed properly. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-7 to C-8, C-13 to C-14) or latest. Vehicle and Construction Equipment Service and Storage:
4. An area shall be designated for the maintenance, where on-site maintenance is required, and storage of equipment that is protected from stormwater run-on and runoff. Measures shall be provided to capture any waste oils, lubricants, or other potential pollutants and these wastes shall be properly disposed of off site. Fueling and major maintenance/repair, and washing shall be conducted off-site whenever feasible. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C9) or latest.
5. Material Delivery, Handling and Storage: In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
6. Handling and Disposal of Concrete and Cement: When Concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to C-16) or latest.
7. Pavement Construction Management: Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest.
8. Contaminated Soil and Water Management: Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or latest.
9. Sanitary/Septic Water Management: Temporary sanitary facilities should be located away from drainage paths, waterways, and traffic areas. Only licensed sanitary and septic waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or latest.
10. Inspection & Maintenance: Areas of material and equipment storage sites and temporary sanitary facilities must be inspected weekly. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.

#### STANDARD EROSION CONTROL NOTES

1. Sediment Control Management: Tracking Prevention & Clean Up: Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or, more frequently as determined by the County Inspector. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-31 to B-33) or latest.  
  
Storm Drain Inlet and Catch Basin Inlet Protection: All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber rolls or staked silt fences can be used. Inlet filters are not allowed due to clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest. Storm Water Runoff: No storm water runoff shall be allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed. Dust Control: The contractor shall provide dust control in graded areas as required by providing wet suppression or chemical stabilization of exposed soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases. Stockpiling: Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures (tarps, straw bales, silt fences, etc.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.
2. Erosion Control: During the rainy season, all disturbed areas must include an effective combination of erosion and sediment control. It is required that temporary erosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, erosion control measures must be applied sufficient to control wind erosion at the site.
3. Inspection & Maintenance: Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.
4. Project Completion: Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
5. It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
6. Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.
7. Grading work between October 15 and April 15 is at the discretion of Santa Clara County building official.
8. Exposed slope shall be protected with jute net and/or hydroseed. Hydroseed shall be a homogeneously mix of slurry containing not less than 44 lbs organic mulching amendment plus fertilizer, chemical additives and soils for each 100 gallons of water.

Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from [www.cabmphandbooks.com](http://www.cabmphandbooks.com).

APPROVED FOR ISSUANCE  
REFER TO ENCROACHMENT AND/OR  
CONSTRUCTION PERMIT AND PLAN  
COVER SHEET FOR SPECIAL  
CONDITIONS AND PERMIT NUMBERS

DESIGNED UNDER THE SUPERVISION OF:  
*Terence J. Szwed*  
NO. 35527  
EXPIRATION DATE: 09/30/2017  
TERENCE J. SZWED  
STATE OF CALIFORNIA  
EXPIRATION DATE: 09/30/2017

BEST MANAGEMENT PRACTICES AND  
EROSION CONTROL DETAILS SHEET 1

2464 URIDIAS RANCH RD  
MILPITAS CA 95035

APN 092-42-004

BUILDING SITE  
APPROVAL

LANDS OF  
SHEKHAR AND SHOVA SHARMA

TS CIVIL ENGINEERING, INC.  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110

TS CIVIL ENGINEERING  
PH: 408.452.9300  
FAX: 408.837.7550

NO.	DATE	BY	REVISIONS
1	4-5-17	TJS	
2			
3			
4			
5			

DATE: 4-5-17

SCALE: AS NOTED

DRAWN BY: DKH

SURVEYED BY: KB

PROJ ENGR: TJS

CHECK BY: TJS

SHEET NO.

BMP1

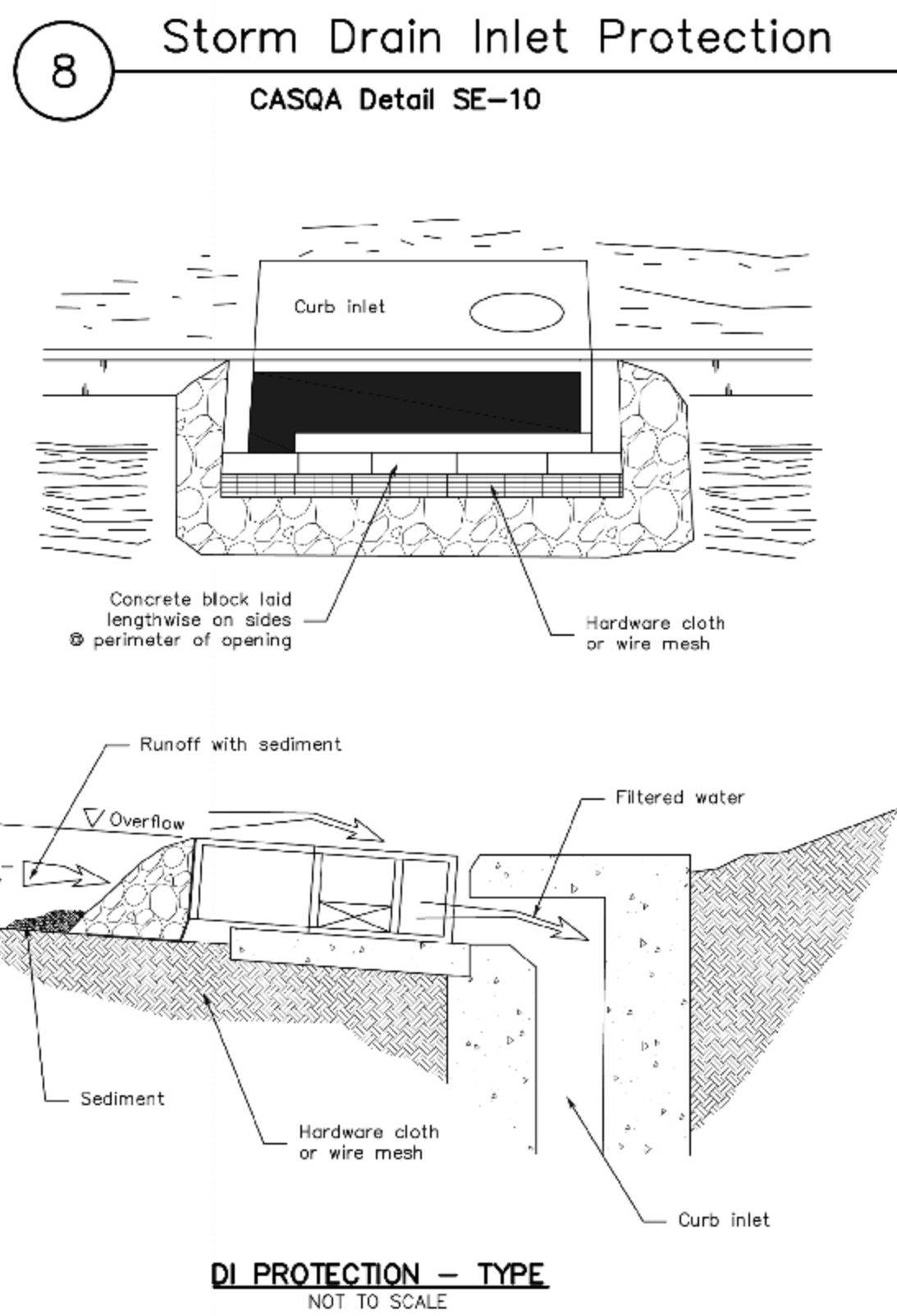
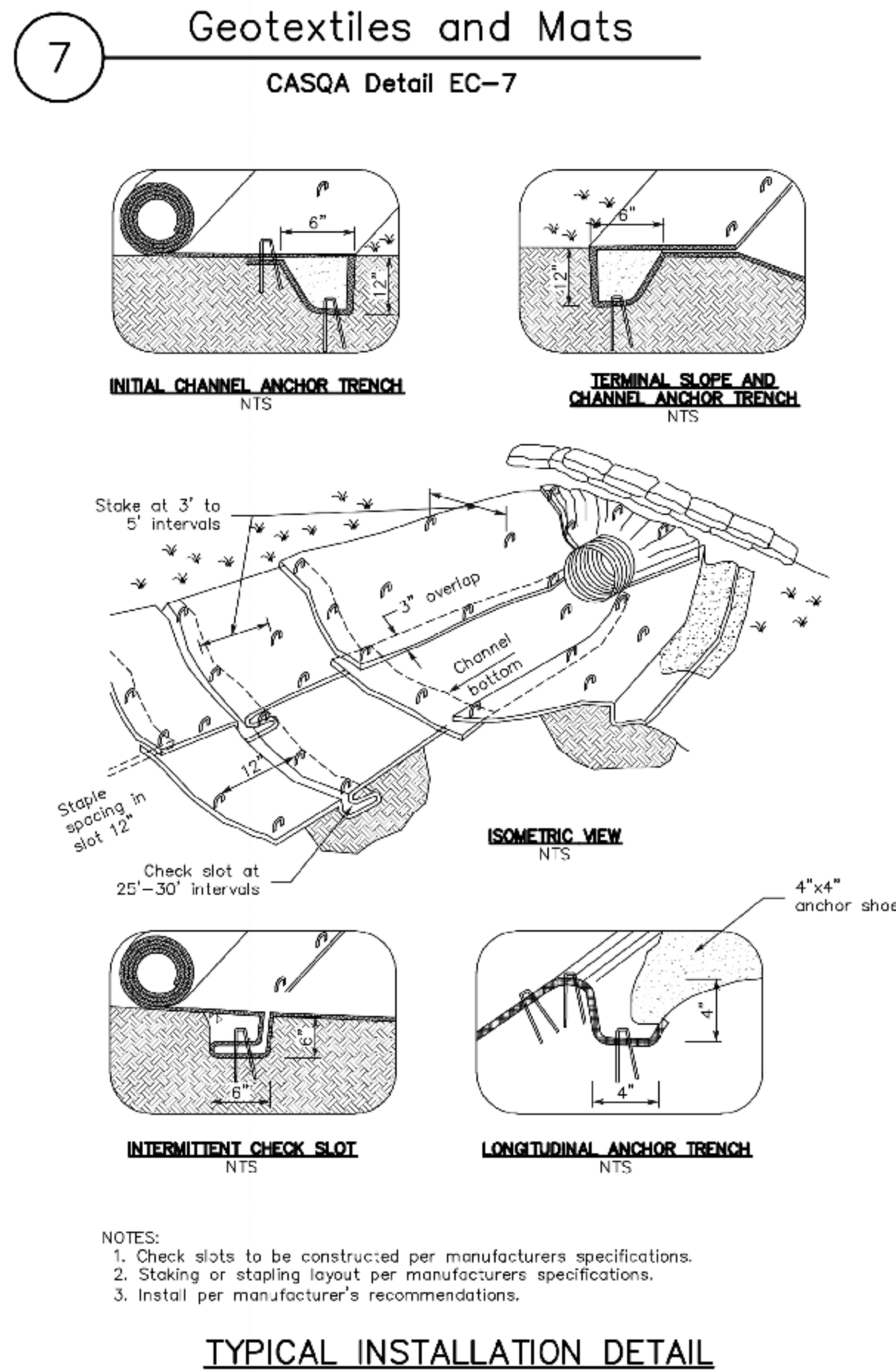
OF 17 SHEETS

JOB NO.

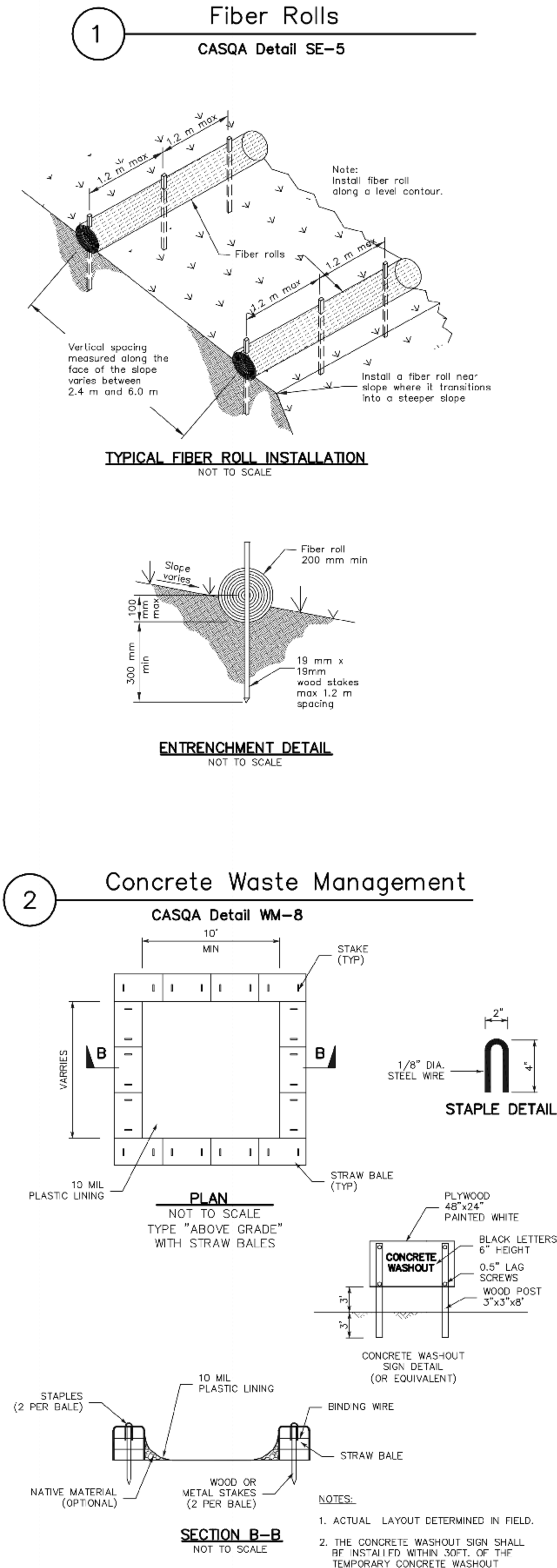
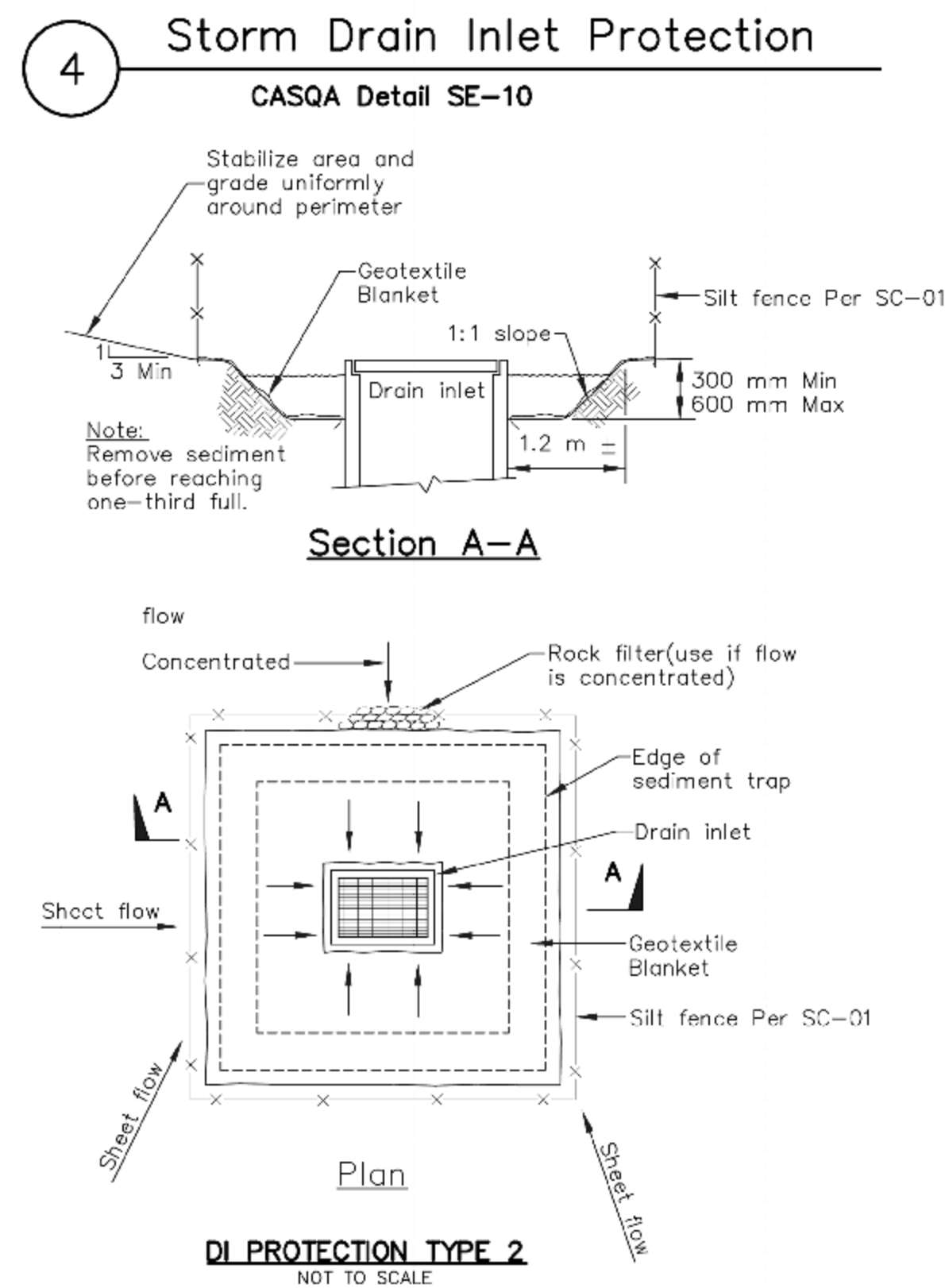
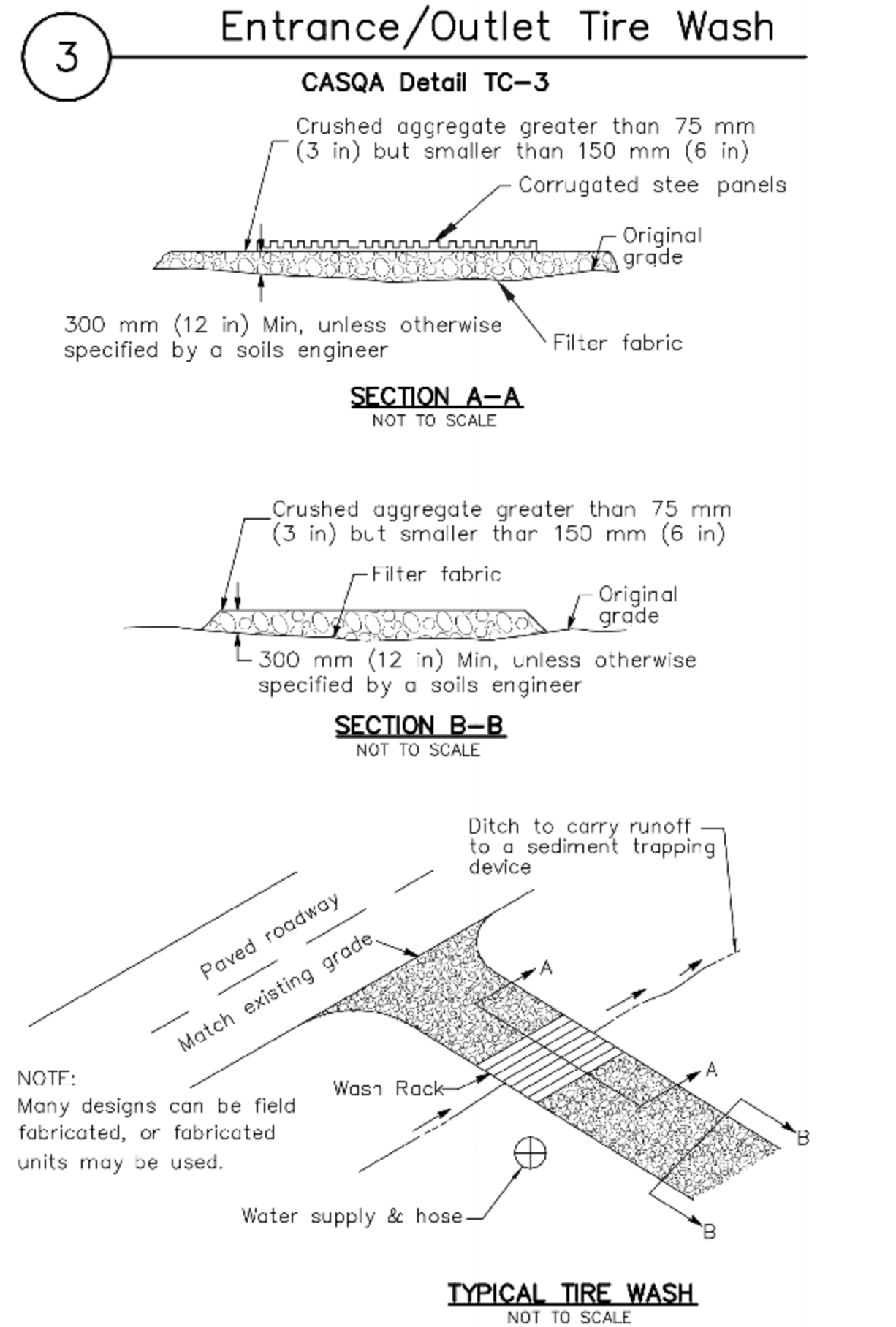
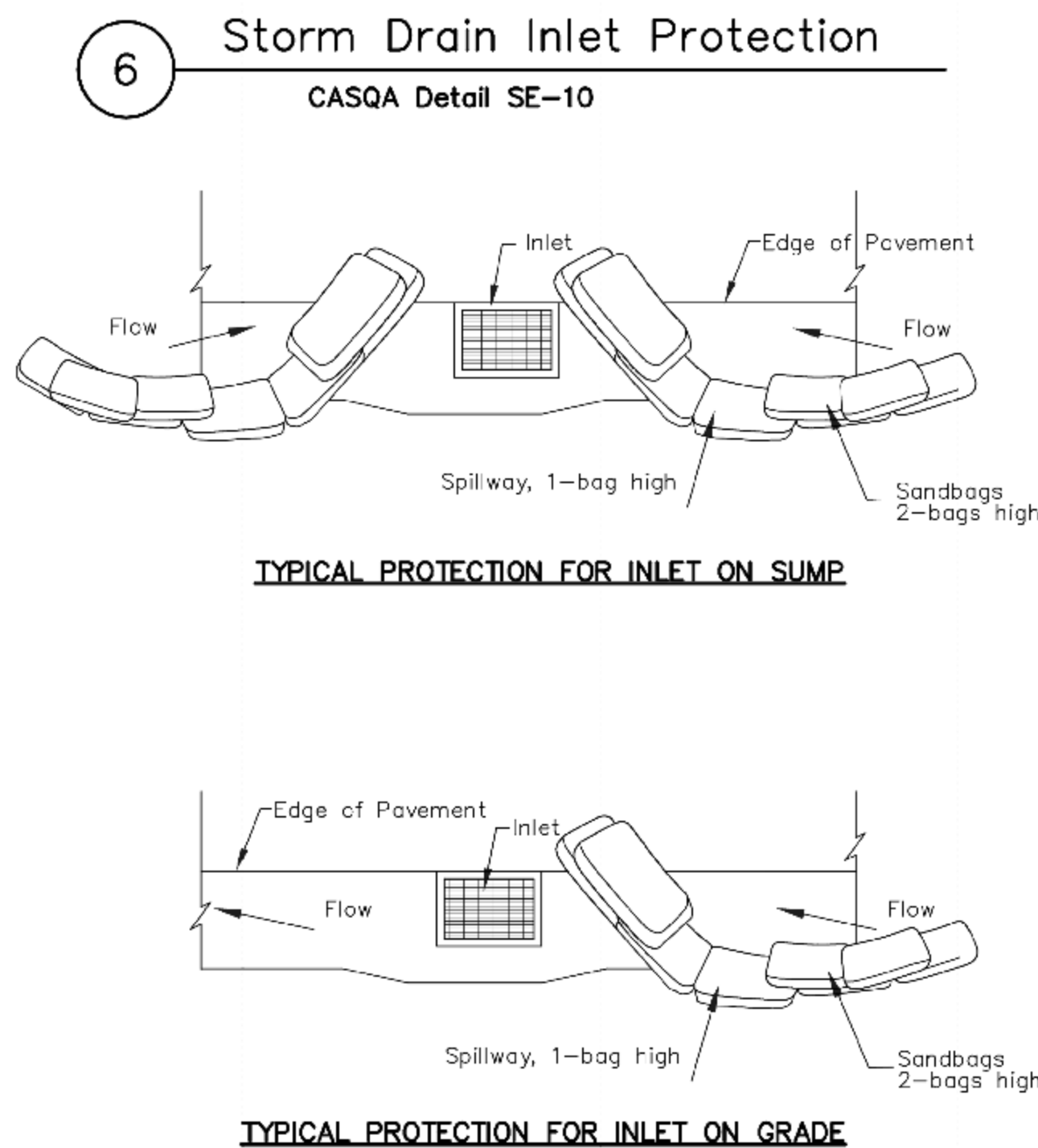
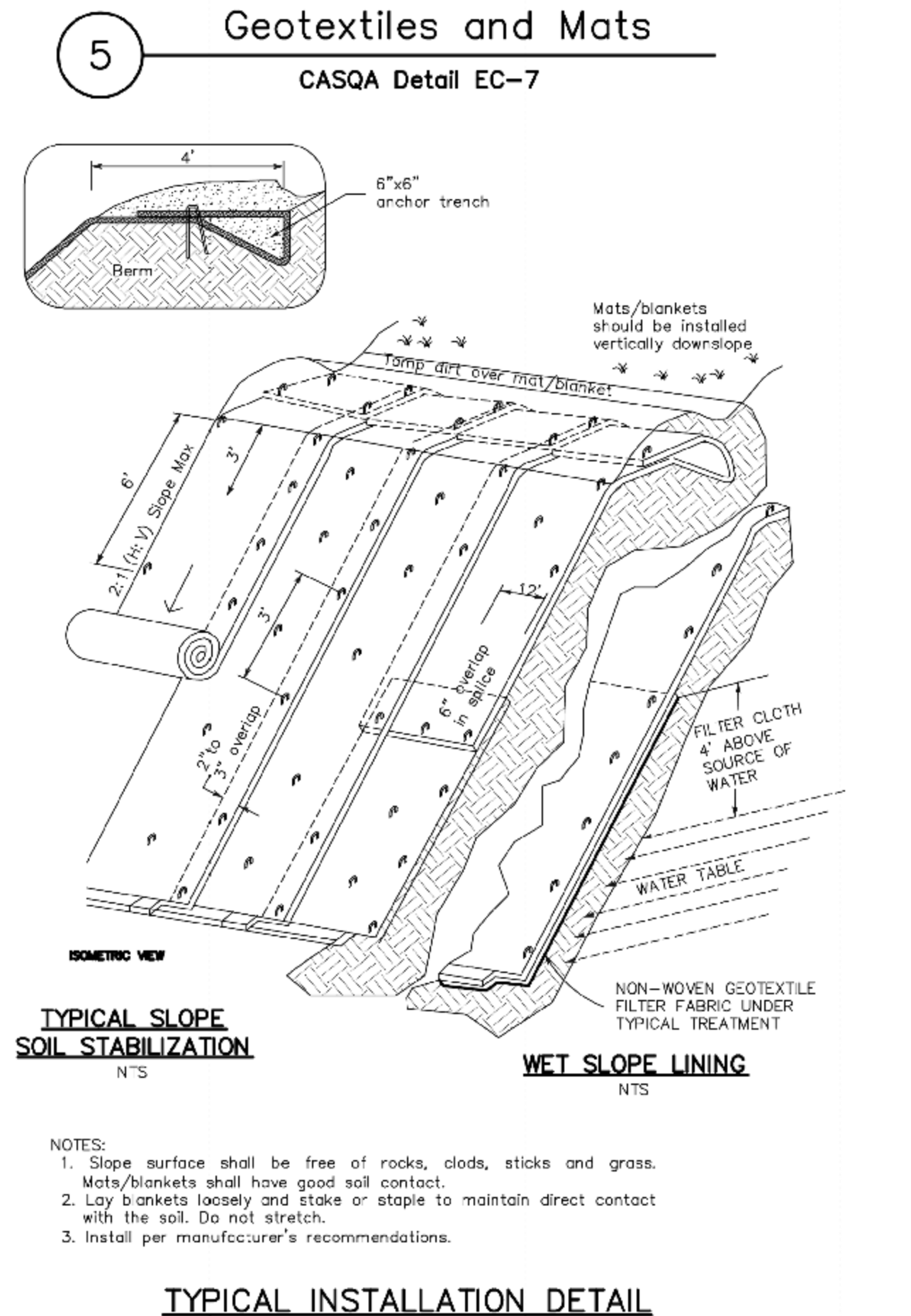
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Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.  
Available from [www.cabmphandbooks.com](http://www.cabmphandbooks.com).



**APPROVED FOR ISSUANCE**  
REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERS

DESIGNED UNDER THE SUPERVISION OF:  
*Terence J. Szwed*  
TERENCE J. SZWED  
EXPIRATION DATE: 09/30/17  
4-5-17

**BEST MANAGEMENT PRACTICES AND EROSION CONTROL DETAILS SHEET 2**  
2464 URIDIAS RANCH RD  
MILPITAS CA 95035  
APN 092-42-004

NO.	DATE	REVISIONS	BY
1			
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DATE: 4-5-17  
SCALE: AS NOTED  
DRAWN BY: DKH  
SURVEYED BY: KB  
PROJ ENGR: TJS  
CHECK BY: TJS  
SHEET NO. **BMP2**  
OF 17 SHEETS  
JOB NO. 17-215

**TS CIVIL ENGINEERING**  
1776 TECHNOLOGY DRIVE  
SAN JOSE, CA 95110  
PH: 408.452.9300  
FAX: 408.837.7550  
BUILDING SITE APPROVAL  
LANDS OF SHEKHAR AND SHOVA SHARMA