COUNTY OF SANTA CLARA
General Construction Specifications

GENERAL CONDITIONS

1. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND GEOTECHNICAL REPORT PREPARED BY ASSOCIATED TERRA CONSULTANTS, INC., DATED JUNE 30, 2015. HARO KASUNICH AND ASSOCIATES REVIEWED BOTH REPORTS AND COMPLETED A SOILS ENGINEER TRANSFER OF RESPONSIBILITY FORM DATED NOVEMBER 18, 2016. 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 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 PERMITTED TREES HAS BEEN PROPERLY 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 (4008) 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 THE SEPTIC LINE CONSTRUCTION.
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 BUT 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 1–800–277–2600 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 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.

(ALL RETAINING WALLS BY SEPARATE BUILDING PERMIT)

REVISED: 10/27/2015

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, 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 6" BEFORE FILL IS PLACED. WHERE NATURAL GROUND IS STEEPER THAN 5:1, 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 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 2 HORIZONTAL TO 1 VERTICAL.

ESTIMATED VOLUME OF CUT	3,600±	CUBIC YARDS	EXPORT 980± C.Y.
VOLUME OF BUILDING CUT	1,000±	CUBIC YARDS	IMPORT 0± C.Y.
VOLUME OF DRIVEWAY CUT	2,600±	CUBIC YARDS	
FILL	2,620±	CUBIC YARDS	
MAXIMUM DEPTH OF CUT	8	FEET	
FILL	4	FEET	

NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE. ANY 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.
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 BETWEEN OCTOBER 15TH AND APRIL 15TH IS AT THE DISCRETION OF THE SANTA CLARA COUNTY GRADING OFFICIAL.
14. TOTAL DISTURBED AREA FOR THE PROJECT 67,000± SF.
15. WDID NO. 2 43C379759
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 DRIPLINE 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 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

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 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.

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△.

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.

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 NEAR 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–COMPLAIN 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 SEEDED WITH BROME SEED SPREAD AT THE RATE OF 5 LB. PER 1000 SQUARE FEET (OR APPROVED EQUAL). SEEDING AND WATERING SHALL BE MAINTAINED AS REQUIRED TO ENSURE GROWTH.
12. ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SD8.
13. ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALL EROSION CONTROLS E.G. SACKED CONCRETE RIP–RAP. ENERGY DISSIPATERS 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 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 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 REVEW 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 AND EROSION 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. 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 SEASONAL 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 DRAINAGE AND STORMWATER MANAGEMENT

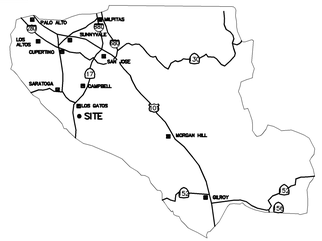
1. DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES WHETHER SHOWN ON THE PLANS OR NOT AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THE ADEQUACY AND CONTINUED MAINTENANCE OF THESE FACILITIES IN A MANNER WHICH WILL PRECLUDE ANY HAZARD TO LIFE, HEALTH, OR DAMAGE TO ADJOINING 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 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.

SURVEY MONUMENT PRESERVATION

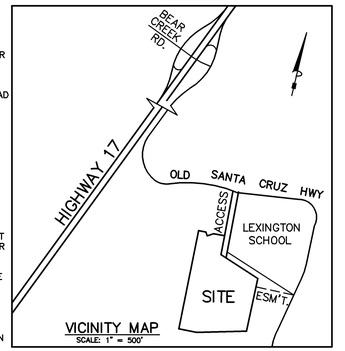
1. THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION ACTIVITIES.
2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE, STAKE, AND FLAG OR OTHERWISE IDENTIFY WITH PAINT OR OTHER MARKINGS ALL PERMANENT SURVEY MONUMENTS OF RECORD AND ANY UNRECORDED MONUMENTS THAT ARE DISCOVERED THAT ARE WITHIN 50 FEET OF THE CONSTRUCTION ACTIMTY.
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.

GEOTECHNICAL ENGINEER OBSERVATION

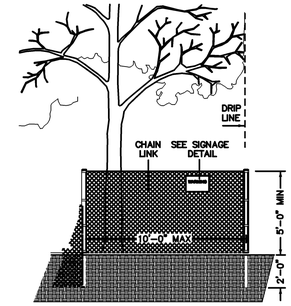
1. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGIC REPORTS SHALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION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



COUNTY LOCATION MAP

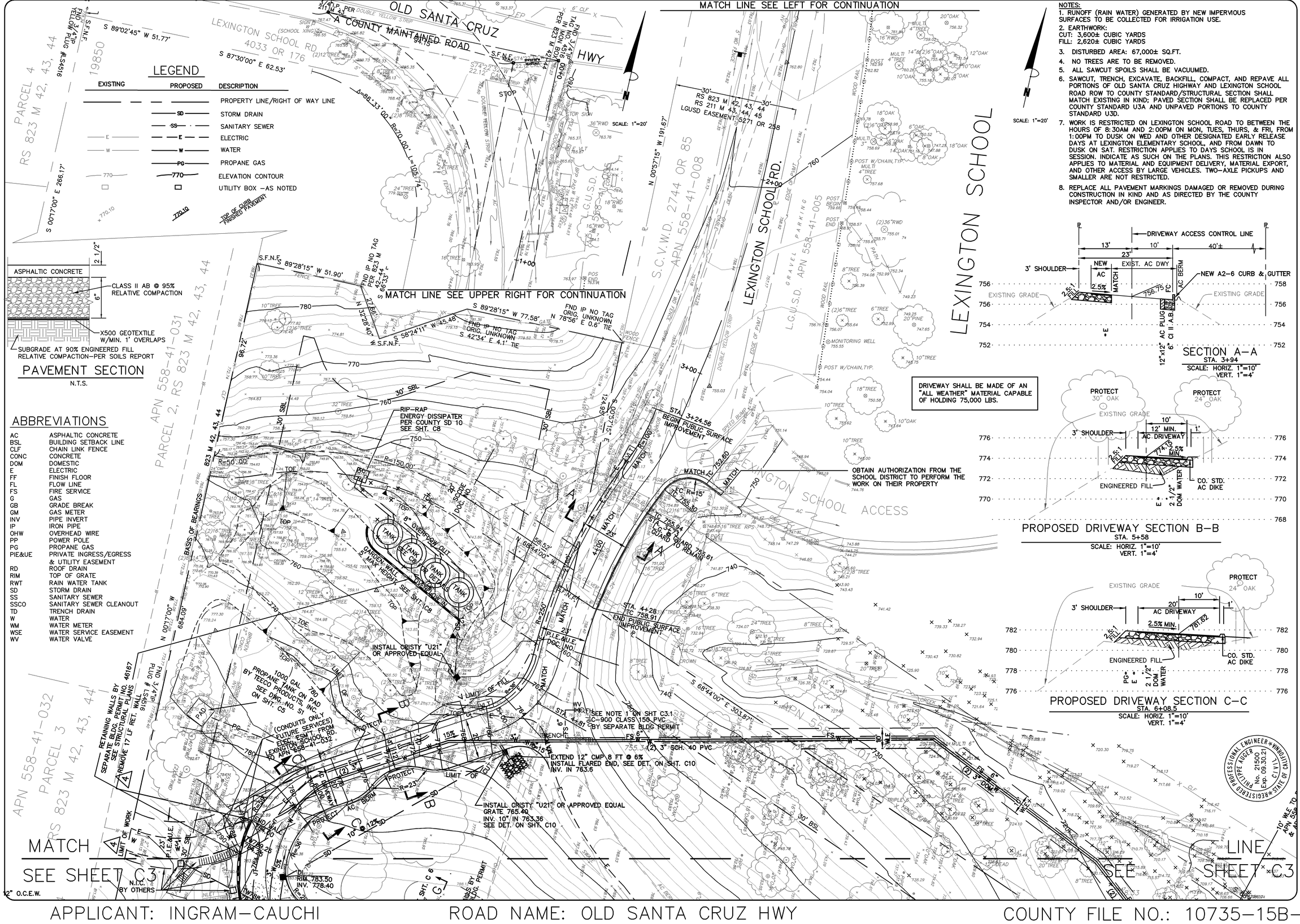


VICINITY MAP
SCALE: 1" = 500'



EXISTING TREE PROTECTION DETAILS

1. PRIOR TO THE COMMENCEMENT OF ANY GRADING, TREE PROTECTIVE FENCING SHALL BE 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 EQU



APPLICANT: INGRAM–CAUCHI ROAD NAME: OLD SANTA CRUZ HWY COUNTY FILE NO.: 10735–15B–15G

PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–21
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–21
PLANNING • LAND SURVEYING • CIVIL ENGINEERING • CONSTRUCTION STAKING
MISSION ENGINEERS, INC.
RESPONSIVE, RELIABLE RESULTS SINCE 1953
2355 De La Cruz Blvd. Santa Clara, California 95050
Ph: (408) 727–8262 FAX: (408) 727–8285 E–mail: mission@missionengineersinc.com

GRADING & DRAINAGE PLAN
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS

DATE	BY CH'KD	DESCRIPTION
4/27/18	SS PA	3 DWY, SD
11/8/19	PA SS	ACCESS DWY & UTILITIES
		ADD DWY NOTE

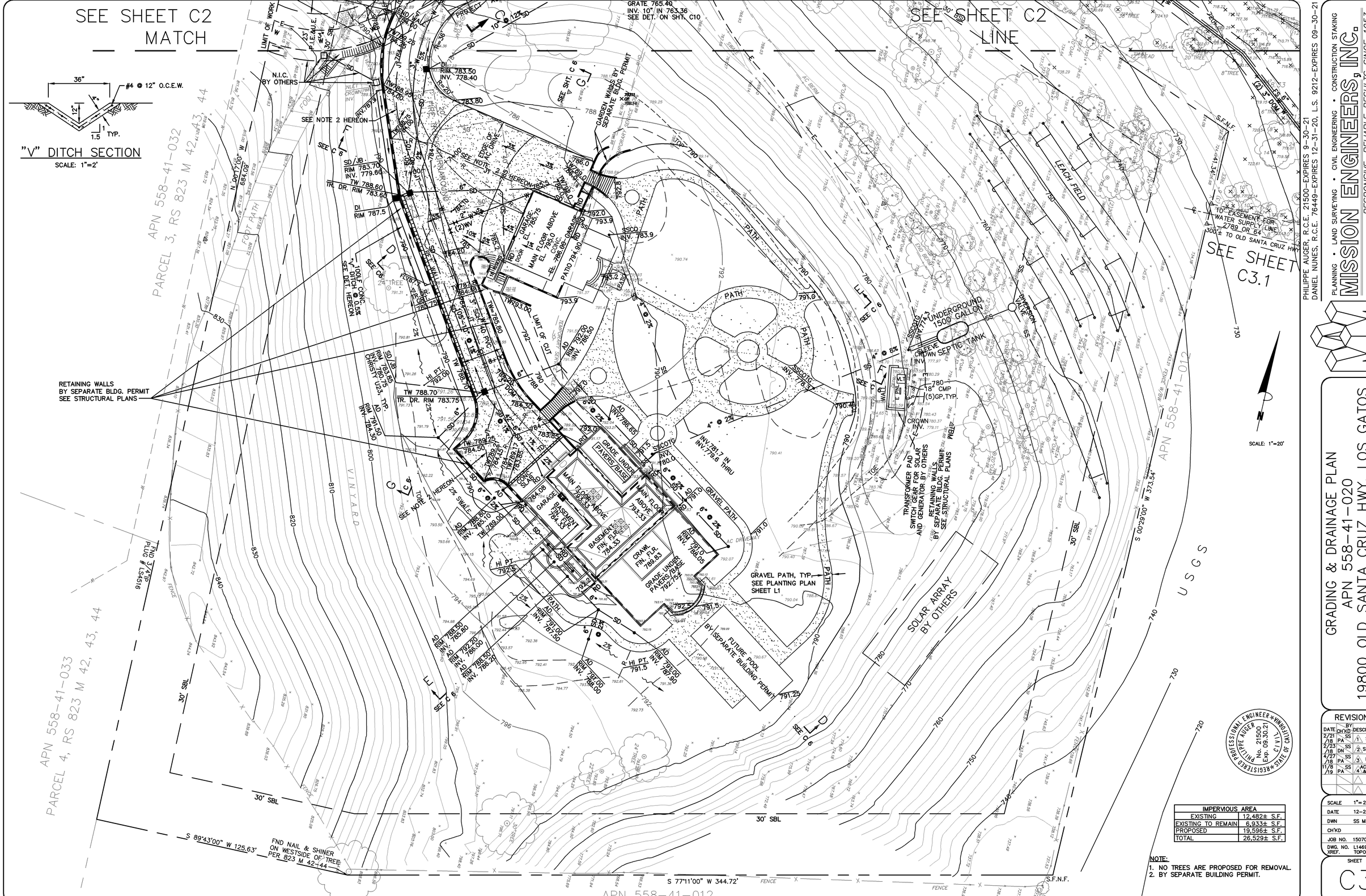
SCALE	AS SHOWN
DATE	12–22–17
DWN	SS ME30
CH'KD	
JOB NO.	15070
DWG. NO. XREF.	L14691B–2 TOPO, SITE

SHEET C2 OF 14 SHEETS

SEE SHEET C2
MATCH

SEE SHEET C2
LINE

"V" DITCH SECTION
SCALE: 1"=2'



IMPERVIOUS AREA	
EXISTING	12,482± S.F.
EXISTING TO REMAIN	6,933± S.F.
PROPOSED	19,596± S.F.
TOTAL	26,529± S.F.

NOTE:
1. NO TREES ARE PROPOSED FOR REMOVAL.
2. BY SEPARATE BUILDING PERMIT.

PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–21
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–21

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GRADING & DRAINAGE PLAN
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS				
DATE	BY CH'KD			DESCRIPTION
2/21/18	SS PA		1	SS LAT
2/23/18	SS DN		2	SD SYSTEM
4/27/18	SS PA		3	DWY, SD
11/8/19	SS PA		4	ACCESS DWY & UTILITIES

PHILIPPE AUGER No. 21500 Exp. 09.30.21 CIVIL STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER

SCALE	1"=20'
DATE	12–22–17
DWN	SS ME30
CH'KD	
JOB NO.	15070
DWG. NO.	L14691B–3
XREF.	TOPO, SITE

SHEET
C3
OF 14 SHEETS

APPLICANT: INGRAM–CAUCHI
ROAD NAME: OLD SANTA CRUZ HWY
COUNTY FILE NO.: 10735–15B–15G

SEE SHEET C2

SCALE: 1"=20'

NOTE:
1. A TEMPORARY CONSTRUCTION EASEMENT FROM THE OWNER OF THE PARCEL IDENTIFIED BY APN 558-41-012 WILL BE REQUIRED IN ORDER FOR A PERMIT TO BE ISSUED TO ACCESS THE PARCEL FROM OLD SANTA CRUZ HIGHWAY. ALL CONSTRUCTION ACCESS TO BE FROM APN 550-41-020

ALL DOMESTIC WATER LINES TO BE 3" SCHEDULE 40 PVC
FIRE LINE TO BE C-900 CLASS 150 PVC-6"

ALL WORK WITHIN THE OLD SANTA CRUZ HIGHWAY RIGHT-OF-WAY FOR NEW WATER SERVICES IS TO BE COMPLETED BY SAN JOSE WATER COMPANY UNDER A SEPARATE ENCROACHMENT PERMIT. SAN JOSE WATER COMPANY IS TO SUBMIT SEPARATE APPLICATION TO ROADS AND AIRPORTS FOR REVIEW AND APPROVAL PRIOR TO PERFORMING ANY WORK RELATED TO THE NEW SERVICES.

APPLICANT: INGRAM-CAUCHI

ROAD NAME: OLD SANTA CRUZ HWY

COUNTY FILE NO.: 10735-15B-15G

PHILIPPE AUGER, R.C.E. 21500-EXPIRES 9-30-21
DANIEL NUNES, R.C.E. 76449-EXPIRES 12-31-20, L.S. 9212-EXPIRES 09-30-21

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REGISTERED PROFESSIONAL ENGINEER * PHILIPPE AUGER * No. 21500 Exp. 09.30.21 * CIVIL * STATE OF CALIFORNIA

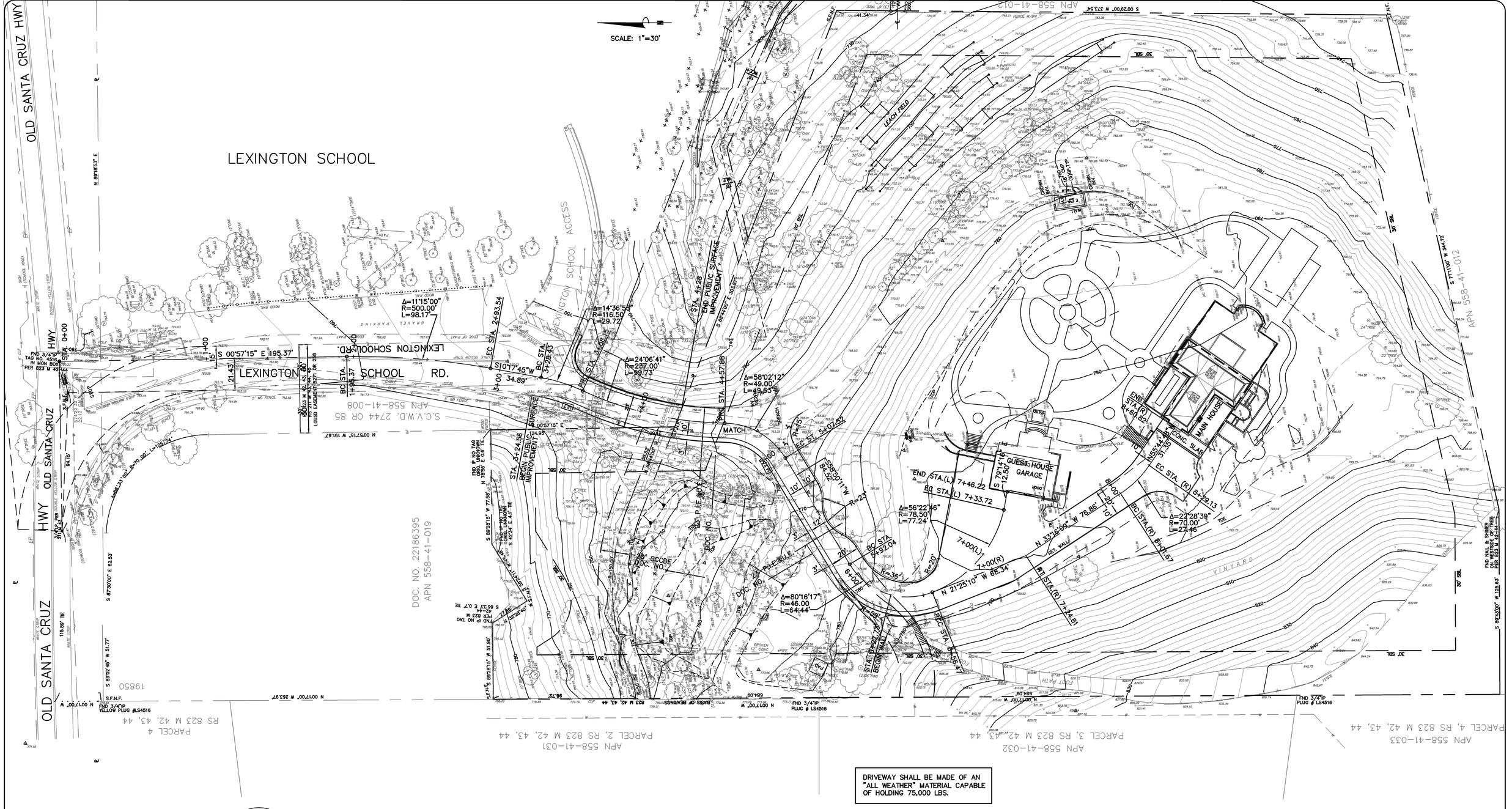
WATER SERVICES CONNECTIONS TO WATER MAIN
APN 558-41-020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS

DATE	BY CH'KD	DESCRIPTION
4/9/19	SS PA	ACCESS DWY & UTILITIES

SCALE	1"= 20'
DATE	11-16-18
DWN	SS ME30
CH'KD	
JOB NO.	15070
DWG. NO.	L14691A-3.1
XREF.	TOPO, SITE

SHEET
C3.1
OF 14 SHEETS



REGISTERED PROFESSIONAL ENGINEER
PHILIPPE AUGER
No. 21500
Exp. 09.30.21
CIVIL
STATE OF CALIFORNIA

PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–21
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–21

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DRIVEWAY ALIGNMENT CONTROL PLAN
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS

DATE	BY	DESCRIPTION	CH'KD
		1	
		2	
		3	
		4	
		5	

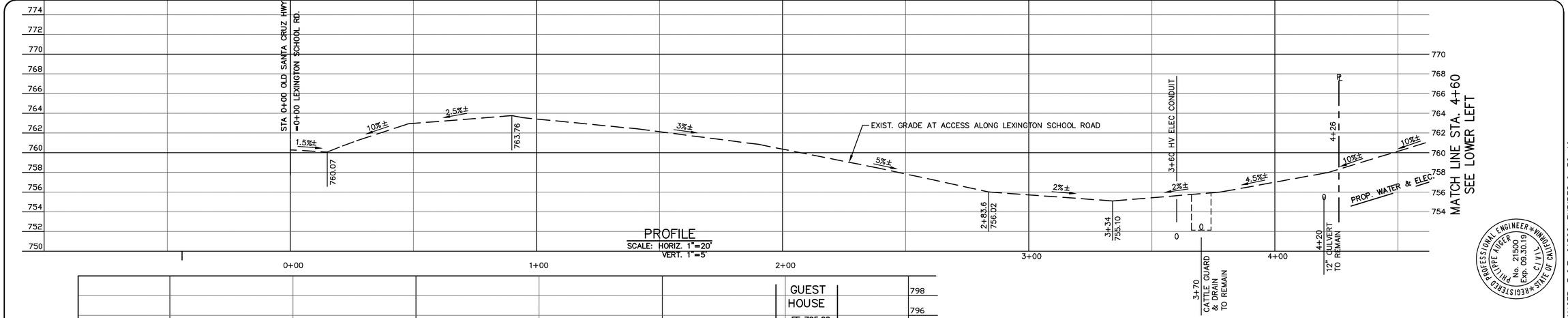
SCALE:	1"=30'
DATE:	12–22–17
DWN:	SS ME30
CHKD:	
JOB NO.	15070
DWG NO.	L14691A–4
XREF.	TOPO, SITE

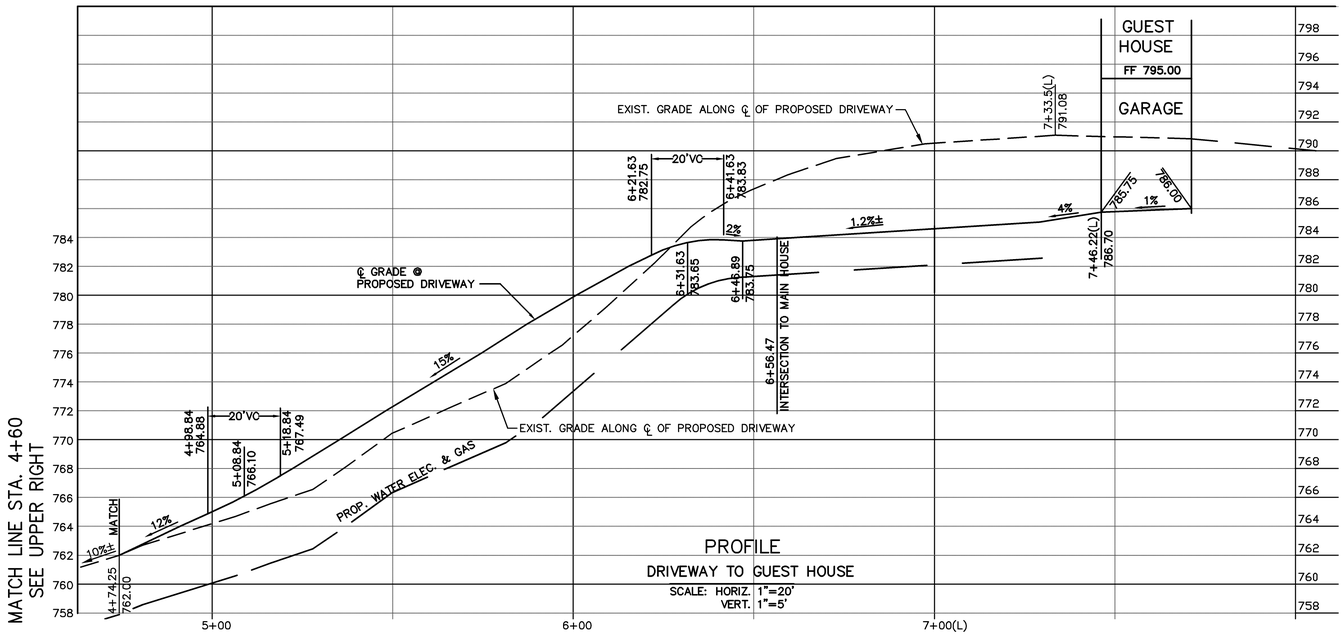
SHEET
C4
OF 14 SHEETS

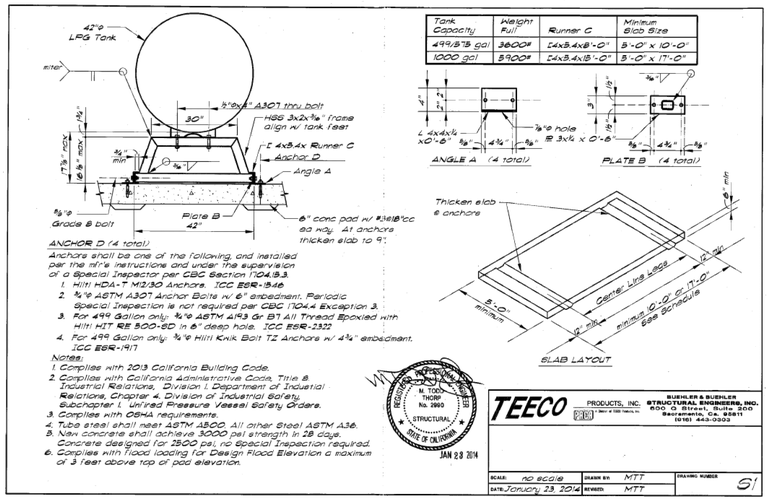
APPLICANT: INGRAM–CAUCHI

ROAD NAME: OLD SANTA CRUZ HWY

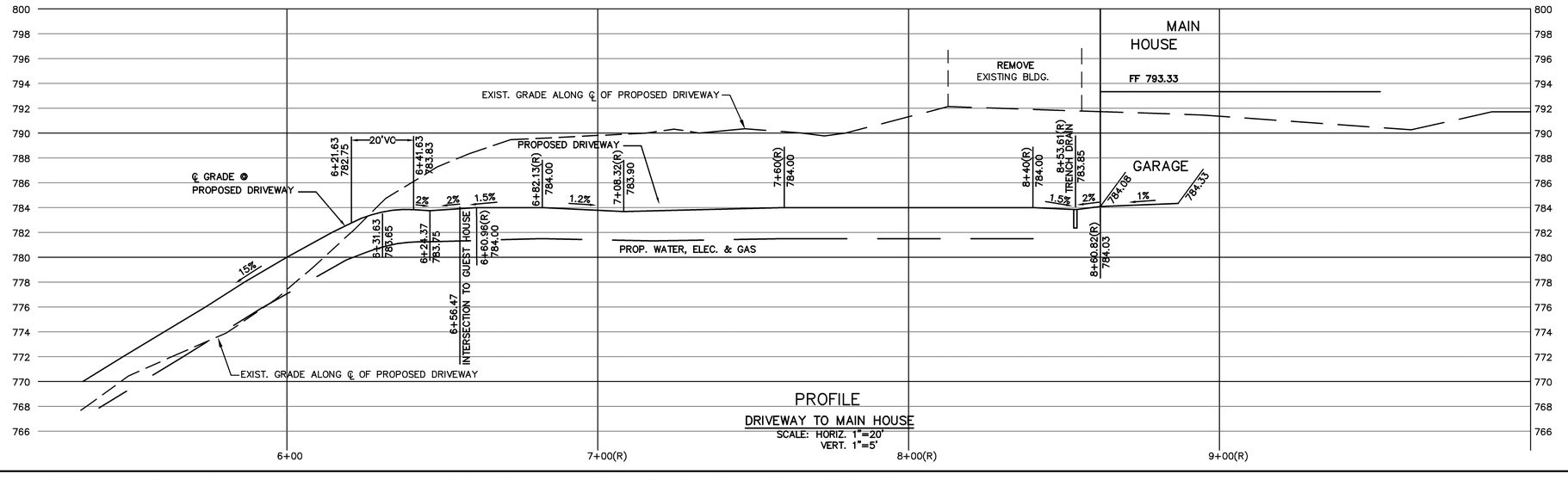
COUNTY FILE NO.: 10735–15B–15G







PROPANE TANK FOUNDATION DETAIL
BY OTHERS



APPLICANT: INGRAM–CAUCHI ROAD NAME: OLD SANTA CRUZ HWY COUNTY FILE NO.: 10735–15B–15G

PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–19
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–19
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MISSION ENGINEERS, INC.
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2355 De La Cruz Blvd. Santa Clara, California 95050
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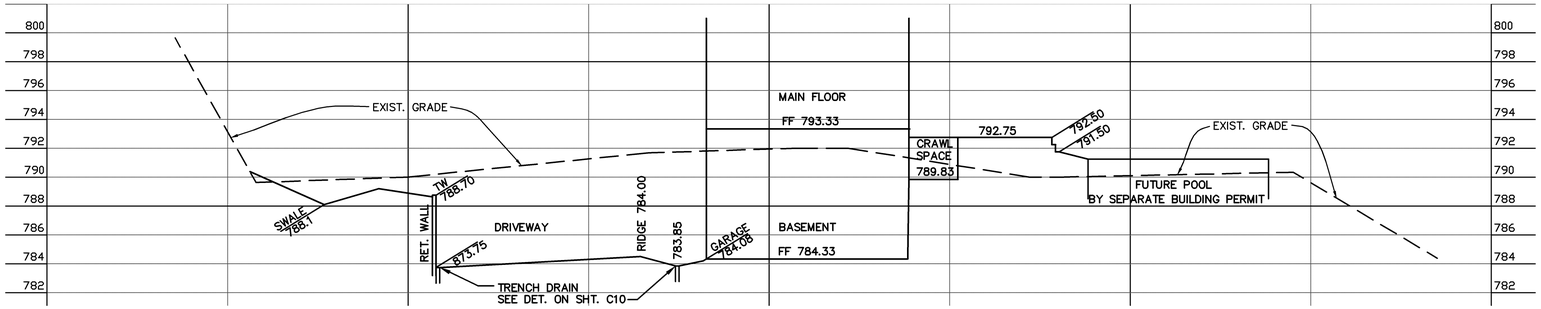
DRIVEWAY PROFILE
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS

DATE	BY CH'KD	DESCRIPTION
4/9/19	SS PA	ACCESS DWY & UTILITIES

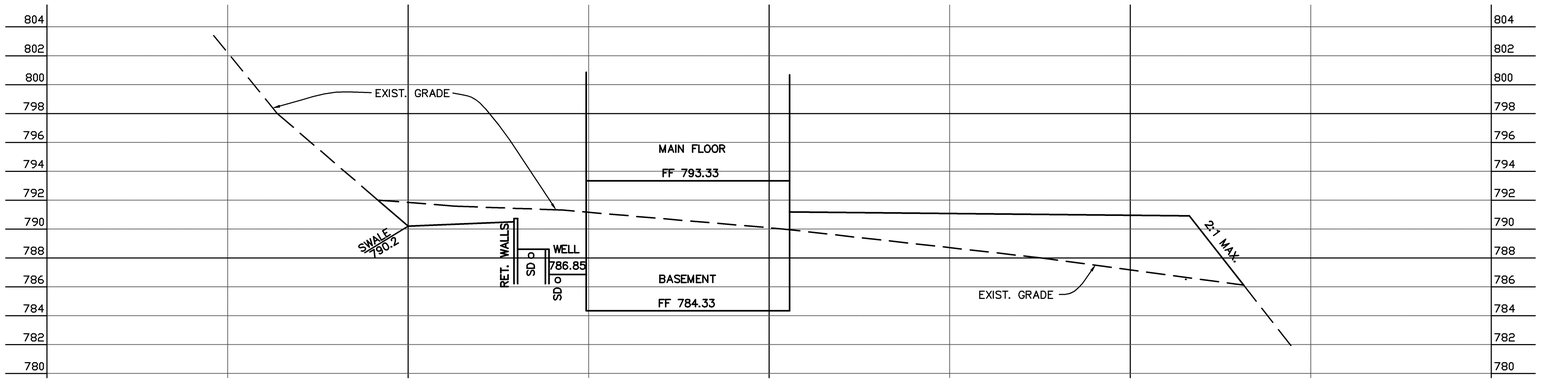
SCALE	AS SHOWN
DATE	12–22–17
DWN	SS ME30
CH'KD	
JOB NO.	15070
DWG. NO.	L14691A–5

SHEET
C5
OF 14 SHEETS



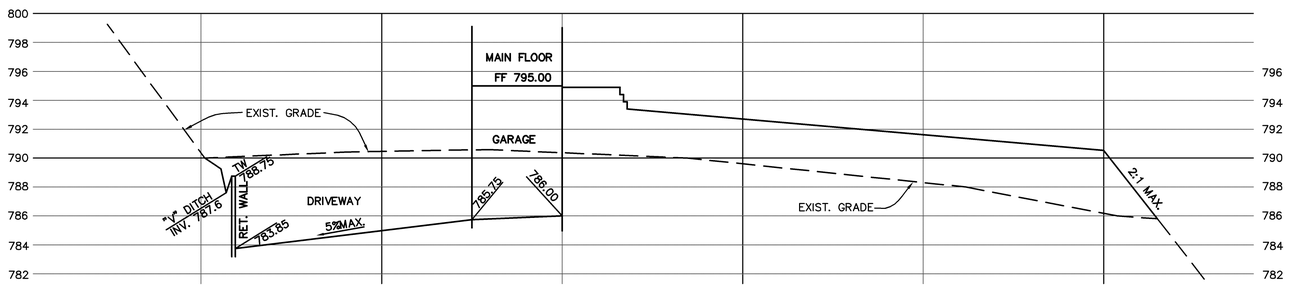
MAIN HOUSE SECTION D–D

SCALE: HORIZ. 1"=20'
VERT. 1"=5'



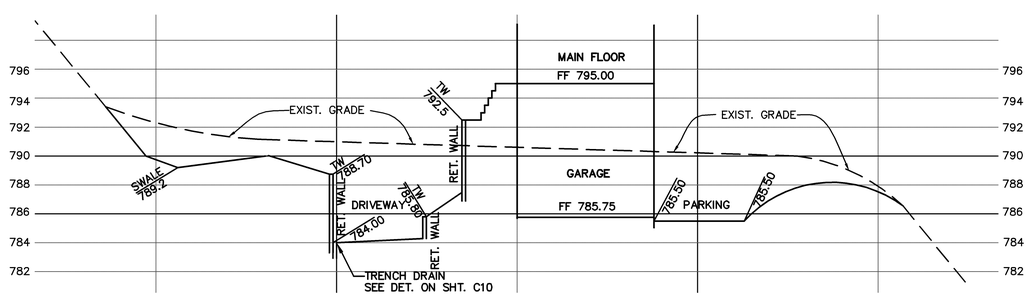
MAIN HOUSE SECTION E–E

SCALE: HORIZ. 1"=20'
VERT. 1"=5'



GUEST HOUSE SECTION F–F

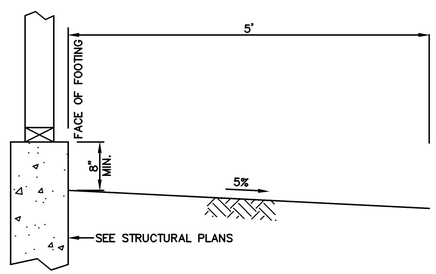
SCALE: HORIZ. 1"=20'
VERT. 1"=5'



GUEST HOUSE SECTION G–G

SCALE: HORIZ. 1"=20'
VERT. 1"=5'

NOTE:
ALL RETAINING WALLS BY SEPARATE BUILDING PERMIT.



TYPICAL GRADE @ BUILDING FOOTING

SCALE: 1"=1'

PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–19
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–19

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SECTIONS @ MAIN HOUSE & GUEST HOUSE
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS

DATE	BY CH'KD	DESCRIPTION
3/29/19	PA SS	ACCESS DWY & UTILITIES

SCALE	AS SHOWN
DATE	12–22–17
DWN	SS ME30
CH'KD	
JOB NO.	15070
DWG. NO.	L14691A–6

SHEET
C6
OF 14 SHEETS

APPLICANT: INGRAM–CAUCHI ROAD NAME: OLD SANTA CRUZ HWY COUNTY FILE NO.: 10735–15B–15G



NOTE:

WORK IS RESTRICTED ON LEXINGTON SCHOOL ROAD TO BETWEEN THE HOURS OF 8:30AM AND 2:00PM ON MON, TUES, THURS, & FRI, FROM 1:00PM TO DUSK ON WED AND OTHER DESIGNATED EARLY RELEASE DAYS AT LEXINGTON ELEMENTARY SCHOOL, AND FROM DAWN TO DUSK ON SAT. RESTRICTION APPLIES TO DAYS SCHOOL IS IN SESSION. THIS RESTRICTION ALSO APPLIES TO MATERIAL AND EQUIPMENT DELIVERY, MATERIAL EXPORT, AND OTHER ACCESS BY LARGE VEHICLES. TWO-AXLE PICKUPS AND SMALLER ARE NOT RESTRICTED.

PHILIPPE AUGER, R.C.E. 21500-EXPIRES 9-30-19
DANIEL NUNES, R.C.E. 76449-EXPIRES 12-31-20, L.S. 9212-EXPIRES 09-30-19

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Ph: (408) 727-8262 FAX: (408) 727-8285 E-mail: mission@missionengineersinc.com

REGISTERED PROFESSIONAL ENGINEER * PHILIPPE AUGER * No. 21500 * Exp. 09.30.19 * CIVIL * STATE OF CALIFORNIA

TRAFFIC CONTROL PLAN
APN 558-41-020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS			
DATE	BY	CH'KD	DESCRIPTION

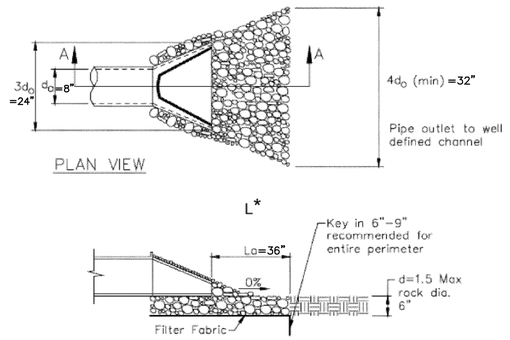
SCALE	AS SHOWN
DATE	12-22-17
DWN	SS MEJ30
CH'KD	
JOB NO.	15070
DWG. NO.	L14681A-7
XREF.	TOPO, SITE

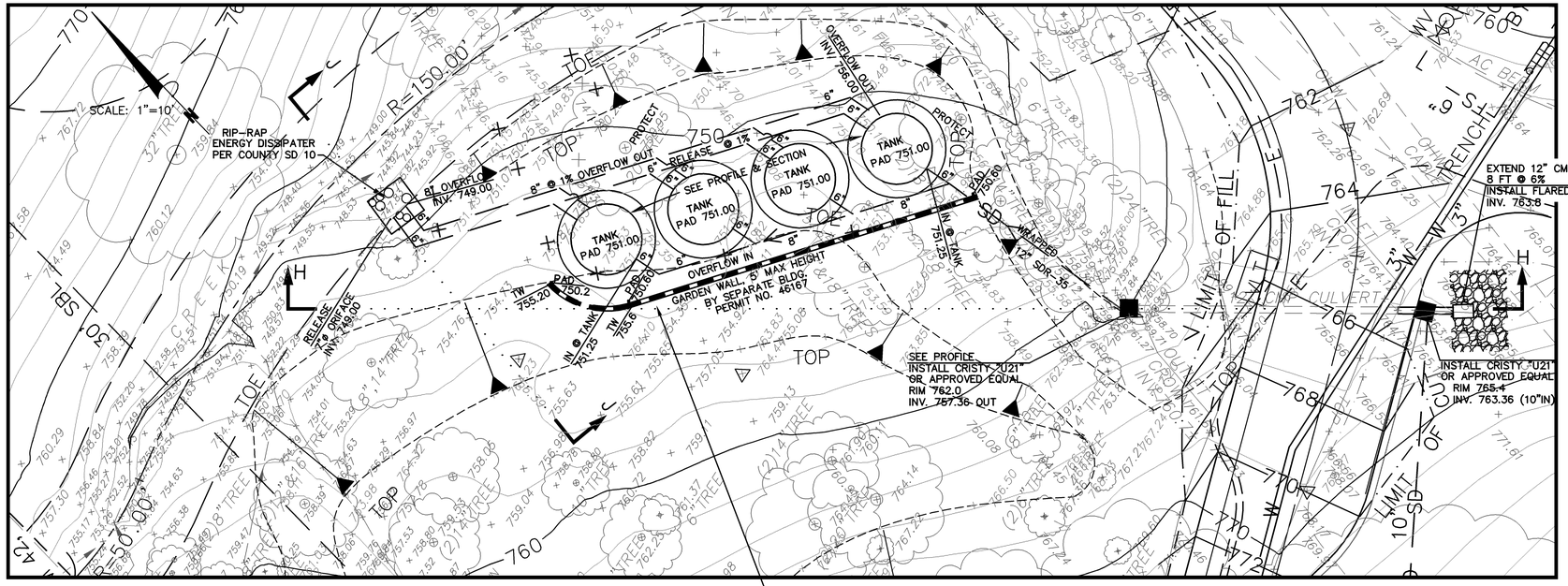
SHEET
C7
OF 14 SHEETS

APPLICANT: INGRAM-CAUCHI
ROAD NAME: OLD SANTA CRUZ HWY
COUNTY FILE NO.: 10735-15B-15G

Velocity Dissipation Devices

CASQA Detail EC-10

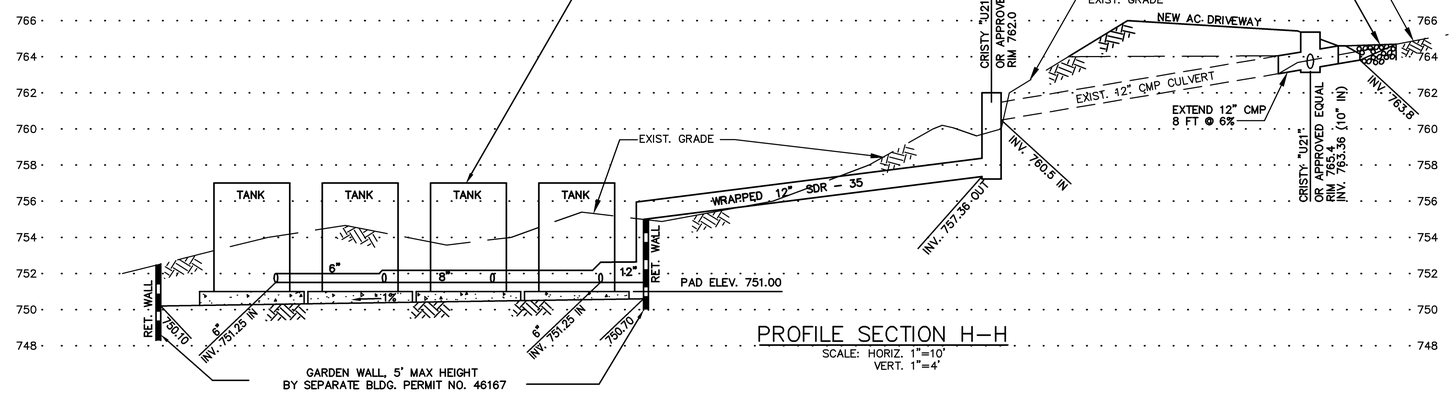




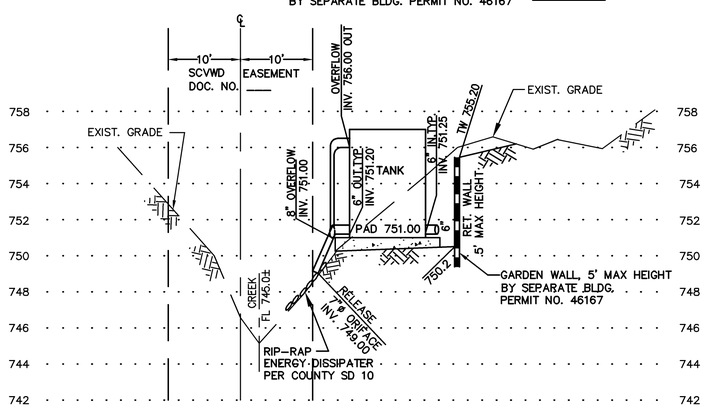
PLAN
SCALE: 1"=10'

NOTE:
WATERTANK TO SLAB CONNECTION: SEE DETAIL 11 ON SHEET S2.1.

5,000 GAL STORMWATER DETENTION TANKS (BUSHMAN CWTX5–132 OR APPROVED EQUAL) WITH 6" OVERFLOW, TYP. AND 7" ORIFICE RELEASE OUTLET @ RIP–RAP



PROFILE SECTION H–H
SCALE: HORIZ. 1"=10'
VERT. 1"=4'

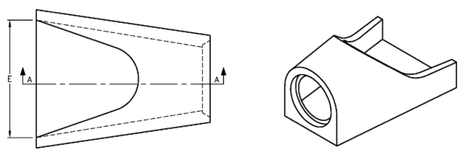


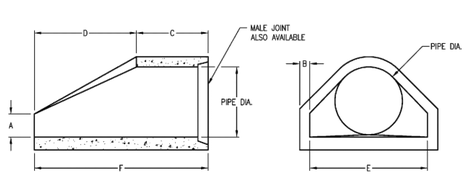
SECTION J–J
SCALE: HORIZ. 1"=10'
VERT. 1"=4'

NOTES:
1. REINFORCEMENT SHALL BE EQUAL TO THAT REQUIRED FOR CLASS III RCP OF CORRESPONDING DIAMETER PER CALTRANS SPECIFICATIONS.

CDOT–14

PIPE DIA.	A	B	C	D	E	F	WEIGHTS LBS.
12"	4"	2"	13"	24"	24"	37"	400
18"	9"	2½"	13"	27"	36"	40"	900
24"	9½"	3"	16"	42"	48"	56"	1,400
30"	12"	3½"	18"	54"	60"	72"	2,300
36"	15"	4"	18"	63"	72"	81"	4,100
42"	21"	5"	18"	63"	78"	81"	5,200
48"	24"	5"	18"	72"	84"	90"	6,500
54"	27"	6"	18"	65"	90"	83"	7,400





DRAWING MAY NOT CONFORM TO THE MOST CURRENT SPECIFICATION

Oldcastle Precast
Northern California
Madera • Morgan Hill • Pleasanton • Santa Rosa • Stockton • Tulare
Phone: 925-750-6650 Fax: 925-750-6660

FLARED ENDS
FILE NAME: CDOT–14.DWG
REVISED: MARCH 2016
www.oldcastleprecast.com

CONCRETE FLARED END SECTIONS CALTRANS

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PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–21
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–21

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Ph: (408) 727–8262 FAX: (408) 727–8285 E–mail: mission@missionengineersinc.com

STORM DRAINAGE DETENTION SYSTEM
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS

DATE	BY CH'KD	DESCRIPTION
4/5/19	PA SS	UPDATED H–H

SCALE	AS SHOWN
DATE	01–17–18
DWN	SS ME30
CH'KD	
JOB NO.	15070
DWG. NO.	L14691A–8

SHEET
C8
OF 14 SHEETS

REGISTERED PROFESSIONAL ENGINEER
PHILIPPE AUGER
No. 21500
Exp. 09.30.21
CIVIL
STATE OF CALIFORNIA

APPLICANT: INGRAM–CAUCHI

ROAD NAME: OLD SANTA CRUZ HWY

COUNTY FILE NO.: 10735–15B–15G

LEGEND

FIBER ROLL

SEDIMENT BARRIER

DI PROTECTION
BMP-2/TYPE 3

STABILIZED CONSTRUCTION ENTRANCE/EXIT
SEE BMP 1

FIBER ROLLS, SEE BMP 2, TYP.

SEDIMENT BARRIERS, SEE BMP 2, TYP.

FIBER ROLLS, SEE BMP 2, TYP.

CONSTRUCTION TRAILER

CONCRETE WASHOUT

PARKING

PORTE POTTY

MATERIAL STORAGE

HAZARDOUS WASTE STORAGE

SCALE: 1"=30'

PHILIPPE AUGER, R.C.E. 21500-EXPIRES 9-30-19
DANIEL NUNES, R.C.E. 76449-EXPIRES 12-31-20, L.S. 9212-EXPIRES 09-30-19

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MISSION ENGINEERS, INC.
RESPONSIVE, RELIABLE RESULTS SINCE 1953
2355 De La Cruz Blvd. Santa Clara, California 95050
Ph: (408) 727-8262 FAX: (408) 727-8285 E-mail: mission@missionengineersinc.com

EROSION CONTROL PLAN
APN 558-41-020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS

DATE	BY CH'KD	DESCRIPTION

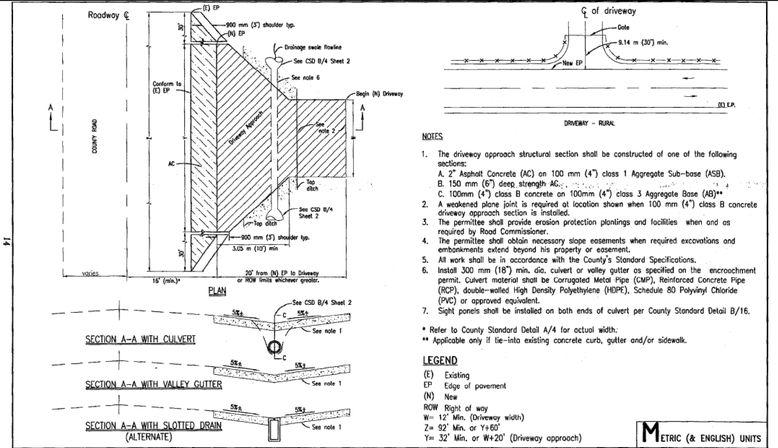
SCALE	1"=30'
DATE	12-22-17
DWN	SS ME30
CH'KD	
JOB NO.	15070
DWG. NO.	L14691A-9

SHEET
C9
OF 13 SHEETS

APPLICANT: INGRAM-CAUCHI

ROAD NAME: OLD SANTA CRUZ HWY

COUNTY FILE NO.: 10735-15B-15G



NOTES

1. The driveway approach structural section shall be constructed of one of the following sections:
   A. 2" Asphalt Concrete (AC) on 100 mm (4") class 1 Aggregate Sub-base (ASB).
   B. 150 mm (6") deep strength AC.
   C. 100mm (4") class B concrete on 100mm (4") class 3 Aggregate Base (AB)**
2. A weakened plane joint is required at location shown when 100 mm (4") class B concrete driveway approach section is installed.
3. The permittee shall provide erosion protection plantings and facilities when and as required by Road Commissioner.
4. The permittee shall obtain necessary slope easements when required excavations and embankments extend beyond his property or easement.
5. All work shall be in accordance with the County's Standard Specifications.
6. Install 300 mm (18") min. dia. culvert or valley gutter as specified on the encroachment permit. Culvert material shall be Corrugated Metal Pipe (CMP), Reinforced Concrete Pipe (RCP), double-walled High Density Polyethylene (HDPE), Schedule 80 Polyvinyl Chloride (PVC) or approved equivalent.
7. Sight panels shall be installed on both ends of culvert per County Standard Detail B/16.

* Refer to County Standard Detail A/4 for actual width.
** Applicable only if tie-into existing concrete curb, gutter and/or sidewalk.

LEGEND

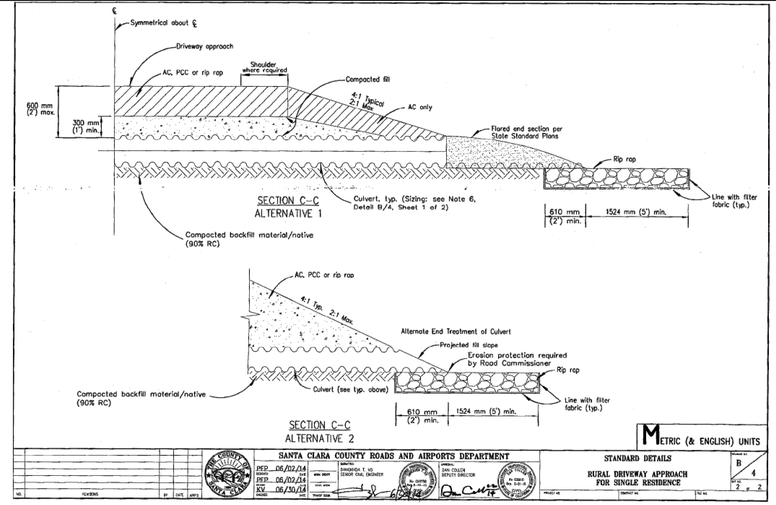
(E) Existing
EP Edge of pavement
(N) New
ROW Right of way
W= 12' Min. (Driveway width)
Z= 92° Min. or Y+60°
Y= 32° Min. or W+20' (Driveway approach)

METRIC (& ENGLISH) UNITS

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

STANDARD DETAILS
RURAL DRIVEWAY APPROACH FOR SINGLE RESIDENCE

B 4 1 2



METRIC (& ENGLISH) UNITS

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

STANDARD DETAILS
RURAL DRIVEWAY APPROACH FOR SINGLE RESIDENCE

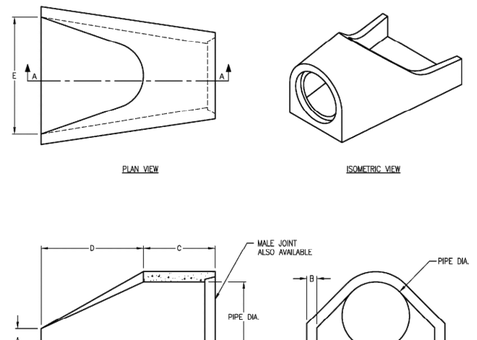
B 4 2 of 2

NOTES.

1. REINFORCEMENT SHALL BE EQUAL TO THAT REQUIRED FOR CLASS III RCP OF CORRESPONDING DIAMETER PER CALTRANS SPECIFICATIONS.

CDOT-14

PIPE DIA.	A	B	C	D	E	F	WEIGHTS LBS.
12"	4"	2"	13"	24"	24"	37"	400
18"	9"	2½"	13"	27"	36"	40"	900
24"	9½"	3"	16"	42"	48"	56"	1,400
30"	12"	3½"	18"	54"	60"	72"	2,300
36"	15"	4"	18"	63"	72"	81"	4,100
42"	21"	5"	18"	63"	78"	81"	5,200
48"	24"	5"	18"	72"	84"	90"	6,500
54"	27"	6"	18"	65"	90"	83"	7,400

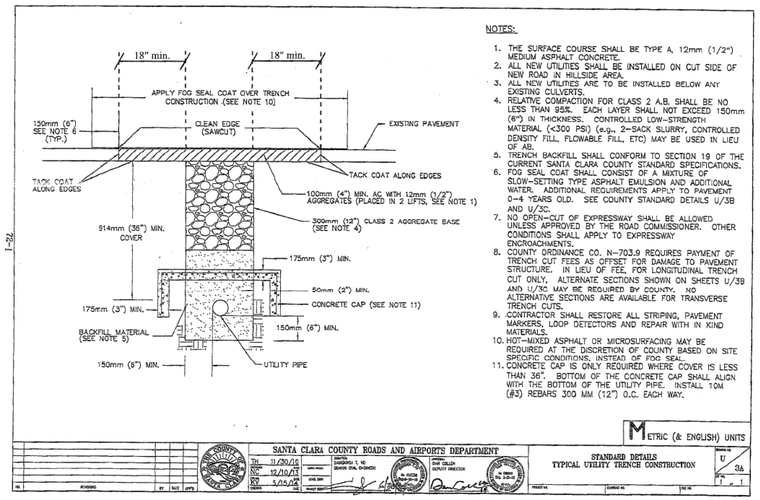


DRAWING MAY NOT CONFORM TO THE MOST CURRENT SPECIFICATION

Oldcastle Precast®
Northern California
Madera • Morgan Hill • Pleasanton • Santa Rosa • Stockton • Tulare
Phone: 925-750-6650 Fax: 925-750-6660

FLARED ENDS
FILE NAME: CDOT-14.DWG
REVISED: MARCH 2016
www.oldcastleprecast.com

CONCRETE FLARED END SECTIONS CALTRANS
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NOTES:

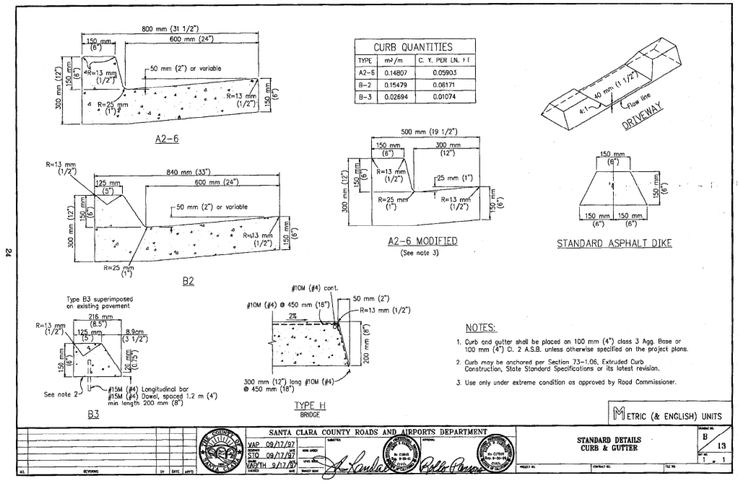
1. THE SURFACE COURSE SHALL BE TYPE A, 12mm (1/2") MEDIUM ASPHALT CONCRETE.
2. ALL NEW UTILITIES SHALL BE INSTALLED ON CUT SIDE OF NEW ROAD IN HILLSIDE AREA.
3. ALL NEW UTILITIES ARE TO BE INSTALLED BELOW ANY EXISTING CULVERTS.
4. RELATIVE COMPACTION FOR CLASS 2 A.B. SHALL BE NO LESS THAN 95%. EACH LAYER SHALL NOT EXCEED 150mm (6") IN THICKNESS. CONTROLLED LOW-STRENGTH MATERIAL (<300 PSI) (e.g., 2-SACK SLURRY, CONTROLLED DENSITY FILL, FLOWABLE FILL, ETC) MAY BE USED IN LIEU OF AB.
5. TRENCH BACKFILL SHALL CONFORM TO SECTION 19 OF THE CURRENT SANTA CLARA COUNTY STANDARD SPECIFICATIONS.
6. FOG SEAL COAT SHALL CONSIST OF A MIXTURE OF SLOW-SETTING TYPE ASPHALT EMULSION AND ADDITIONAL WATER. ADDITIONAL REQUIREMENTS APPLY TO PAVEMENT 0-4 YEARS OLD. SEE COUNTY STANDARD DETAILS U/3B AND U/3C.
7. NO OPEN-CUT OF EXPRESSWAY SHALL BE ALLOWED UNLESS APPROVED BY THE ROAD COMMISSIONER. OTHER CONDITIONS SHALL APPLY TO EXPRESSWAY ENCROACHMENTS.
8. COUNTY ORDINANCE CO. N-703.9 REQUIRES PAYMENT OF TRENCH CUT FEES AS OFFSET FOR DAMAGE TO PAVEMENT STRUCTURE. IN LIEU OF FEE, FOR LONGITUDINAL TRENCH CUT ONLY, ALTERNATE SECTIONS SHOWN ON SHEETS U/3B AND U/3C MAY BE REQUIRED BY COUNTY. NO ALTERNATIVE SECTIONS ARE AVAILABLE FOR TRANSVERSE TRENCH CUTS.
9. CONTRACTOR SHALL RESTORE ALL STRIPING, PAVEMENT MARKERS, LOOP DETECTORS AND REPAIR WITH IN KIND MATERIALS.
10. HOT-MIXED ASPHALT OR MICROSURFACING MAY BE REQUIRED AT THE DISCRETION OF COUNTY BASED ON SITE SPECIFIC CONDITIONS. INSTEAD OF FOG SEAL.
11. CONCRETE CAP IS ONLY REQUIRED WHERE COVER IS LESS THAN 36". BOTTOM OF THE CONCRETE CAP SHALL ALIGN WITH THE BOTTOM OF THE UTILITY PIPE. INSTALL 10M (#3) REBARS 300 MM (12") O.C. EACH WAY.

METRIC (& ENGLISH) UNITS

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

STANDARD DETAILS
TYPICAL UTILITY TRENCH CONSTRUCTION

U 3A 1 1



NOTES:

1. Curb and gutter shall be placed on 100 mm (4") class 3 Agg. Base or 100 mm (4") Cl. 2 A.S.B. unless otherwise specified on the project plans.
2. Curb may be anchored per Section 73-1.06, Extruded Curb Construction, State Standard Specifications or its latest revision.
3. Use only under extreme condition as approved by Road Commissioner.

METRIC (& ENGLISH) UNITS

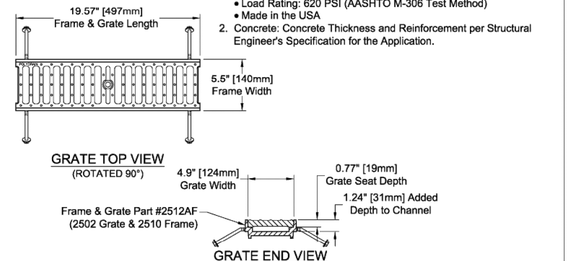
SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

STANDARD DETAILS
CURB & GUTTER

B 13 1 1

Plan Notes
Series Number: PD-2512AF

1. Grate & Frame:
   - Ductile Iron per ASTM A536 Grade 80-55-06 (Epoxy Coated)
   - Open Area: 0.21 FT² per Lineal Foot [0.064 M² per Lineal Meter]
   - Load Rating: 620 PSI (AASHTO M-306 Test Method)
   - Made in the USA
2. Concrete: Concrete Thickness and Reinforcement per Structural Engineer's Specification for the Application.



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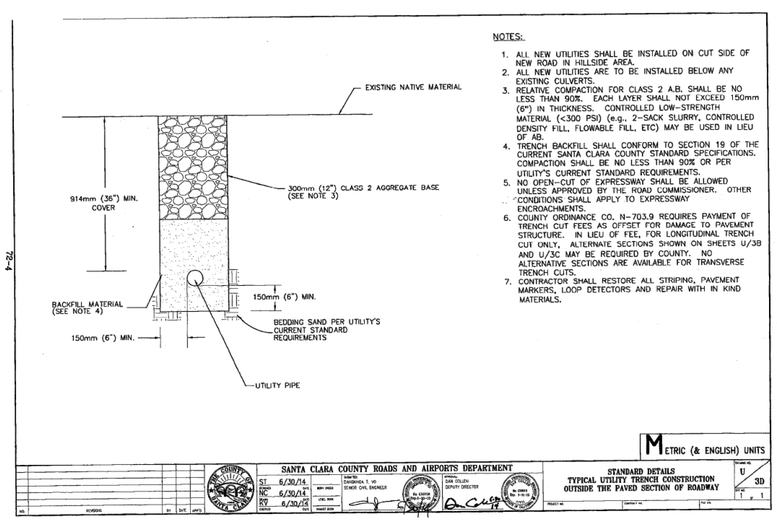
ABT, INC.®
P.O. BOX 837, 259 MURDOCK ROAD
TROUTMAN, NC 28166
(704) 528-9606

PolyDrain - 4" [100mm] ID Precast Trench Drain with Ductile Iron Frame & Grate

SERIES: PD-2512AF REV: 00

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NOTES:

1. ALL NEW UTILITIES SHALL BE INSTALLED ON CUT SIDE OF NEW ROAD IN HILLSIDE AREA.
2. ALL NEW UTILITIES ARE TO BE INSTALLED BELOW ANY EXISTING CULVERTS.
3. RELATIVE COMPACTION FOR CLASS 2 A.B. SHALL BE NO LESS THAN 90%. EACH LAYER SHALL NOT EXCEED 150mm (6") IN THICKNESS. CONTROLLED LOW-STRENGTH MATERIAL (<300 PSI) (e.g., 2-SACK SLURRY, CONTROLLED DENSITY FILL, FLOWABLE FILL, ETC) MAY BE USED IN LIEU OF AB.
4. TRENCH BACKFILL SHALL CONFORM TO SECTION 19 OF THE CURRENT SANTA CLARA COUNTY STANDARD SPECIFICATIONS. COMPACTION SHALL BE NO LESS THAN 90% OR PER UTILITY'S CURRENT STANDARD REQUIREMENTS.
5. NO OPEN-CUT OF EXPRESSWAY SHALL BE ALLOWED UNLESS APPROVED BY THE ROAD COMMISSIONER. OTHER CONDITIONS SHALL APPLY TO EXPRESSWAY ENCROACHMENTS.
6. COUNTY ORDINANCE CO. N-703.9 REQUIRES PAYMENT OF TRENCH CUT FEES AS OFFSET FOR DAMAGE TO PAVEMENT STRUCTURE. IN LIEU OF FEE, FOR LONGITUDINAL TRENCH CUT ONLY, ALTERNATE SECTIONS SHOWN ON SHEETS U/3B AND U/3C MAY BE REQUIRED BY COUNTY. NO ALTERNATIVE SECTIONS ARE AVAILABLE FOR TRANSVERSE TRENCH CUTS.
7. CONTRACTOR SHALL RESTORE ALL STRIPING, PAVEMENT MARKERS, LOOP DETECTORS AND REPAIR WITH IN KIND MATERIALS.

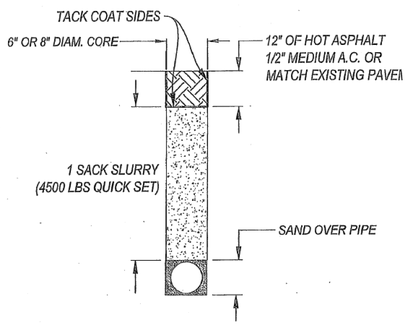
METRIC (& ENGLISH) UNITS

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

STANDARD DETAILS
TYPICAL UTILITY TRENCH CONSTRUCTION OUTSIDE THE PAVED SECTION OF ROADWAY

U 3D 1 1

POTHOLE BACK FILLING



PG&E
TYPICAL POTHOLE BACKFILL DETAIL
L-109_2A REPLACEMENT
SANTA CLARA COUNTY
ROADS & AIRPORTS DEPT.

PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–19
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–19

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Ph: (408) 727–8262 FAX: (408) 727–8285 E–mail: mission@missionengineersinc.com

DETAILS
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

REVISIONS

DATE	BY CH'KD	DESCRIPTION
3/29/19	SS PA	ADDED DETAILS

SCALE	AS SHOWN
DATE	12–22–17
DWN	SS ME30
CH'KD	
JOB NO.	15070
DWG. NO.	L14691A–10

SHEET
C10
OF 14 SHEETS

APPLICANT: INGRAM–CAUCHI ROAD NAME: OLD SANTA CRUZ HWY COUNTY FILE NO.: 10735–15B–15G

SEE SHEET C2

SEE SHEET C2

APN 558-41-032
PARCEL 3, RS 823 M 42, 43, 44

APN 558-41-033
PARCEL 4, RS 823 M 42, 43, 44

APN 558-41-012

GAZEBO

PATH

GRADE UNDER PAVERS/BASE 792.75±

MAIN FLOOR ABOVE EL. 793.33

BASEMENT FIN. FLR. 784.33

CRAWL FIN. FLR. 788.83

GARAGE EL. 786.75

MAIN FLOOR ABOVE EL. 793.0

UNDERGROUND 1500 GALLON SEPTIC TANK

SLEEVE

PVC SEWER LINE

10' EASEMENT FOR WATER SUPPLY LINE 2789 OR 64

S.F.N.F.

FUTURE INFINITY POOL not under this permit

UNDERGROUND RAIN WATER TANKS BY OTHERS

5ft wide accessible path

Planting area with native bunchgrasses for bank stabilization & erosion contro

ie. Festuca californica
Mulhenbergia rigens
Calamagrostis foliosa

SCALE: 1"=20'

PERMEABLE PATHWAY

DECOMPOSED GRANITE GRAVEL SURFACE	1.5"
Bedding layer	3"
Base course	6"
Optional geotextile membrane	
Sub-grade	

- Ribes sureum
- Juncus patens
- Muhlenbergia rigens
- Lupinus albifrons
- Salvia "Bee's Bliss"
- Rhamnus californica
- Ceanothus "Yankee Point"
- Arctostaphylos "Dr. Hurd"
- Ceanothus "Ray Hartman"

May 2017

Planting Plan

SCALE 1" = 20'

Ingram-Cauchi Residence

19800 Old Santa Cruz Hwy
Los Gatos in the County of Santa Clara

Bay MAPLES
WILD CALIFORNIA GARDENS

1231 N 1st St
San Jose, CA 95112
info@baymaples.com
408.642.1860
LIC # 977639

L1

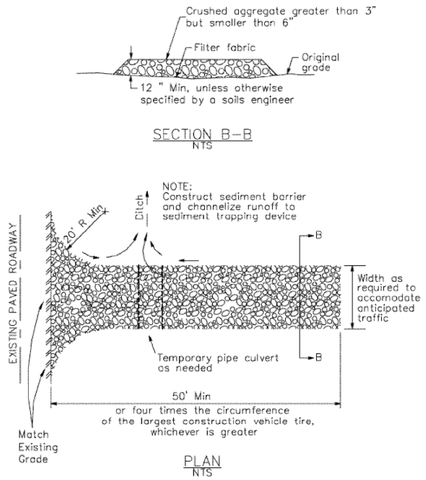
APPLICANT: INGRAM-CAUCHI

ROAD NAME: OLD SANTA CRUZ HWY

COUNTY FILE NO.: 10735-15B-15G

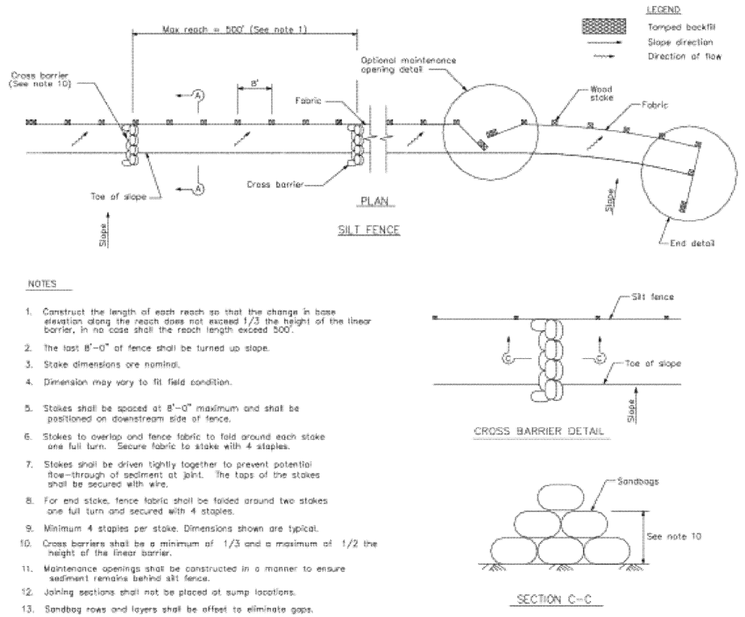
3 Stabilized Construction Entrance/Exit

CASQA Detail TC-1



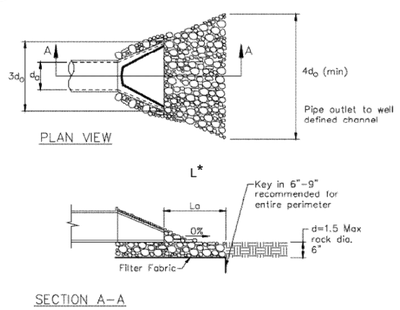
1 Silt Fence

CASQA Detail SE-1



4 Velocity Dissipation Devices

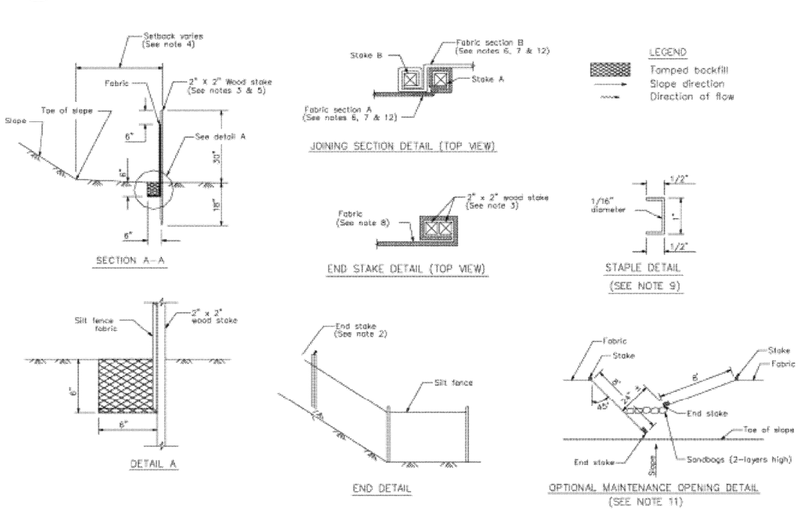
CASQA Detail EC-10



* Length per ABAG Design Standards

2 Silt Fence

CASQA Detail SE-1



Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.
Available from www.cabmphandbooks.com.

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.
2. Hazardous Waste Management: Provide proper handling and 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.
4. Vehicle and Construction Equipment Service and Storage: 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 roles 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, ect.) 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.

PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–19
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–19
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RESPONSIVE, RELIABLE RESULTS SINCE 1953
2355 De La Cruz Blvd. Santa Clara, California 95050
Ph: (408) 727–8262 FAX: (408) 727–8285 E–mail: mission@missionengineersinc.com

Project Information

EROSION CONTROL PLAN
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

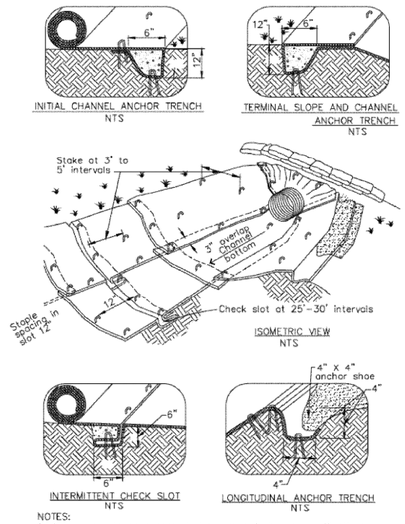
Best Management Practices and Erosion Control Details Sheet 1
County of Santa Clara

BMP-1

APPLICANT: INGRAM–CAUCHI ROAD NAME: OLD SANTA CRUZ HWY COUNTY FILE NO.: 10735–15B–15G

7 Geotextiles and Mats

CASQA Detail EC-7

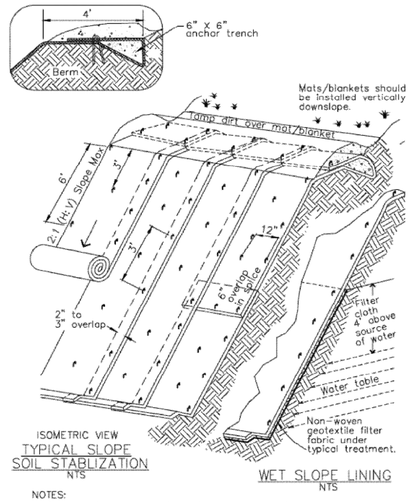


NOTES:
1. Check slots to be constructed per manufacturers specifications.
2. Staking or stapling layout per manufacturers specifications.
3. Install per manufacturer's recommendations

TYPICAL INSTALLATION DETAIL

5 Geotextiles and Mats

CASQA Detail EC-7

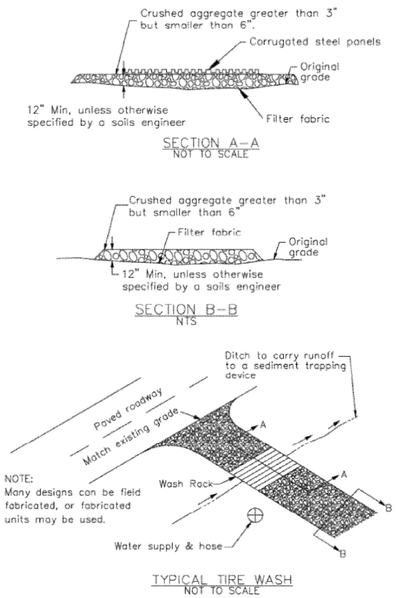


NOTES:
1. Slope surface shall be free of rocks, clods, sticks and grass. Mats/blankets shall have good soil contact.
2. Lay blankets loosely and stake or staple to maintain direct contact with the soil. Do not stretch.
3. Install per manufacturer's recommendations

TYPICAL INSTALLATION DETAIL

3 Entrance/Outlet Tire Wash

CASQA Detail TC-3

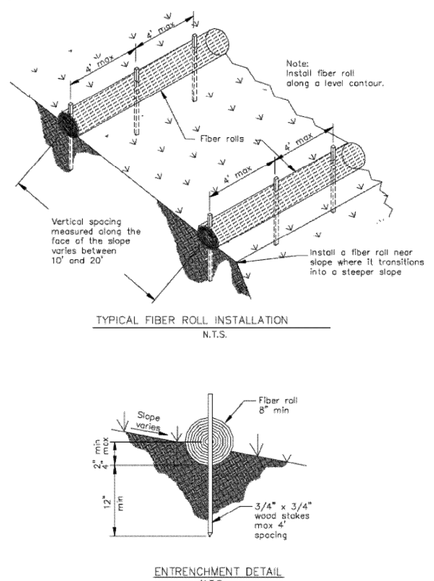


NOTE:
Many designs can be field fabricated, or fabricated units may be used.

TYPICAL TIRE WASH
NOT TO SCALE

1 Fiber Rolls

CASQA Detail SE-5

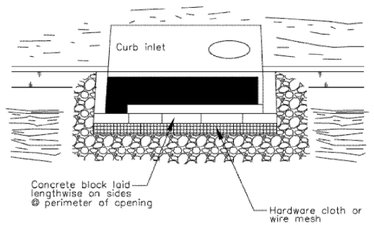


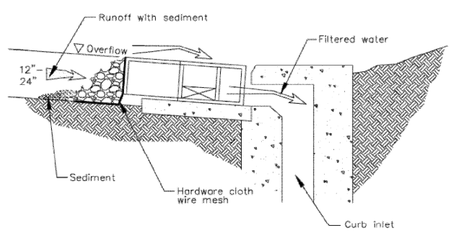
TYPICAL FIBER ROLL INSTALLATION
N.T.S.

ENTRENCHMENT DETAIL
N.T.S.

8 Storm Drain Inlet Protection

CASQA Detail SE-10



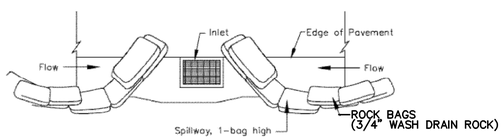


DI PROTECTION – TYPE 4
NOT TO SCALE

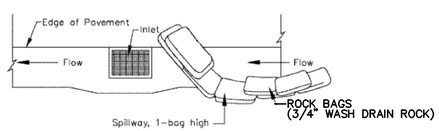
Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003.
Available from www.cabmphandbooks.com.

6 Storm Drain Inlet Protection

CASQA Detail SE-10



TYPICAL PROTECTION FOR INLET ON SUMP



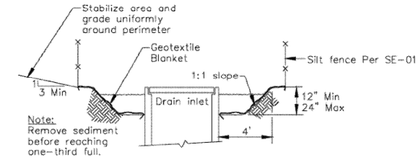
TYPICAL PROTECTION FOR INLET ON GRADE

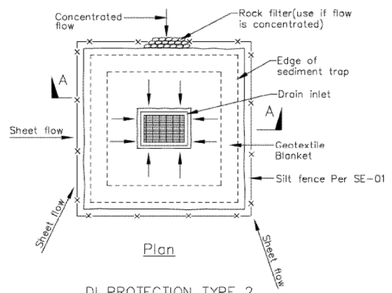
NOTES:
1. Intended for short-term use.
2. Use to inhibit non-storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed
5. Not applicable in areas with high silts and clays without filter fabric.

DI PROTECTION TYPE 3
NOT TO SCALE

4 Storm Drain Inlet Protection

CASQA Detail SE-10



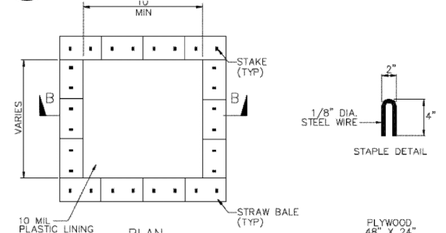


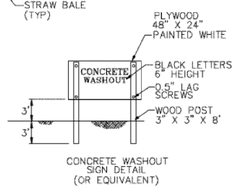
DI PROTECTION TYPE 2
NOT TO SCALE

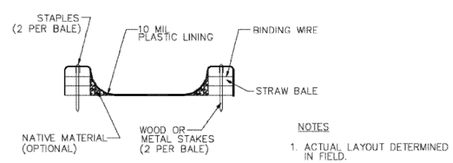
Notes
1. For use in cleared and grubbed and in graded areas.
2. Shape basin so that longest inflow area faces longest length of trap.
3. For concentrated flows, shape basin in 2:1 ratio with length oriented towards direction of flow.

2 Concrete Waste Management

CASQA Detail WM-8







NOTES
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

PHILIPPE AUGER, R.C.E. 21500–EXPIRES 9–30–19
DANIEL NUNES, R.C.E. 76449–EXPIRES 12–31–20, L.S. 9212–EXPIRES 09–30–19
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Project Information
EROSION CONTROL PLAN
APN 558–41–020
19800 OLD SANTA CRUZ HWY, LOS GATOS
IN THE COUNTY OF SANTA CLARA, CALIFORNIA

Best Management Practices and Erosion Control Details Sheet 2
County of Santa Clara

BMP-2

APPLICANT: INGRAM–CAUCHI
ROAD NAME: OLD SANTA CRUZ HWY
COUNTY FILE NO.: 10735–15B–15G