### STORM WATER POLLUTION PREVENTION PLAN

- WITH THE EXCEPTION OF PROPERLY DESILTED WATER FROM SITE DEWATERING, THE CONTRACTOR SHALL NOT DISCHARGE ANY MATERIALS AND/OR LIQUIDS TO THE STORM DRAINAGE SYSTEM. ACTIVITIES OF PARTICULAR CONCERN ARE:
- A. CONTRACTOR SHALL DESIGNATE A CONCRETE TRUCK CLEAN—OUT AREA. COUNTY INSPECTOR APPROVED BEST MANAGEMENT PRACTICES SHALL AT ALL TIMES BE FULLY IMPLEMENTED AT AND AROUND THE CLEAN—OUT AREA.
- B. TACK COAT AND PRIME COAT ASPHALTS SHALL BE CAREFULLY SPRAYED AND ANY EXCESS MATERIAL SPILLED SHALL BE CLEANED UP IMMEDIATELY BY PROPER METHODS.
- C. ALL EQUIPMENT REFUELING IN THE PROJECT AREA SHALL BE CAREFULLY DONE TO AVOID SPILLAGE. ANY SPILLS SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. ALL FUELING VEHICLES SHALL BE EQUIPPED WITH SPILL CLEANUP MATERIALS AND EQUIPMENT.
- D. CONTRACTOR SHALL CONTROL AND PROPERLY DISPOSE OF ALL LIQUIDS DURING SAWCUTTING ACTIVITIES

### **GENERAL:**

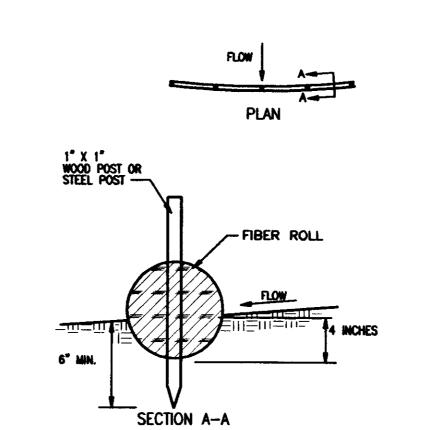
- 1. A CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING, LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE CONSTRUCTION ENTRANCE.
- 2. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN TO MEET FIELD CONDITIONS SHALL BE MADE ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE ENGINEER. DURING THE RAINY SEASON, PUBLIC ROADWAY SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO THAT A MINIMUM OF SEDIMENT LADEN RUNOFF ENTERS THE STORM DRAINAGE SYSTEM AND PUBLIC ROADWAY. THIS PLAN COVERS ONLY THE FIRST WINTER FOLLOWING GRADING, PLANS SHALL BE RESUBMITTED FOR APPROVAL PRIOR TO SEPTEMBER 1ST OF EACH SUBSEQUENT YEAR UNTIL THE PROPOSED IMPROVEMENTS ARE COMPLETED.
- 3. CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED AT THE END OF EACH WORKING DAY AND, IN ADDITION, AFTER EACH STORM.
- 4. ALL EROSION CONTROL BMPs SHALL BE IN PLACE PRIOR TO ANY STORM EVENTS
- 5. CONTRACTOR TO USE A WATER TRUCK DURING GRADING TO MINIMIZE WIND EROSION AND REDUCE DUST
- 6. IN CASE DEWATERING IS NECESSARY, THE CONTRACTOR SHALL ENGAGE AN EROSION CONTROL CONTRACTOR TO PROPERLY DISPOSE OF THE WATER. DETENTION PONDS MAY BE REQUIRED FOR DEWATERING AND THEY WILL BE DESIGNED IF THE NEED ARISES. ALTERNATIVE EFFECTIVE METHODS SHALL BE IMPLEMENTED IF THE PROPOSED METHOD FAILS TO THE SATISFACTION OF THE INSPECTOR.

  BMP NOTES:
- 1. ALL ON-SITE MATERIALS WILL BE STORED IN LOCK BOX
- 2. USE WATERING TRUCK FOR DUST CONTROL
- 3. ALL PLANTER AREAS TO RECEIVE STRAW AND TACKIFIER AFTER PAVING ACTIVITIES ARE COMPLETE
- 4. ALL DEBRIS AND SOLID WASTE TO BE STOCKPILED IN A 40 YARD DUMPSTER
- 5. ALL SPOIL PILES TO BE COVERED COMPLETELY WITH PLASTIC SHEETING AND SPOIL AREAS TO BE SURROUNDED WITH STRAW/FILTER ROLLS.
- 6. NO VEHICLES OR MACHINERY TO BE STORED, FUELED OR WASHED ON PROJECT SITE. ALL VEHICLE AND MACHINERY MAINTENANCE TO BE PERFORMED OFF-SITE.
- 7. ALL WATER PUMPED FROM TRENCHES OR SEDIMENT TRAP MUST PASS THROUGH A GRAVEL BAG FOR FILTRATION BEFORE IT IS DISCHARGED ON PROPERTY.
- 8. DURING ROUGH GRADING CONTRACTOR TO INSTALL HEARTH DIKE AND STRAW/FILTER ROLLS AT PERIMETER OF THE PROPERTY TO MANTAIN RUN-OFF ON SITE
- 9. IN CASE COLLOIDAL SUSPENSION NEEDS TO BE REMOVED PRIOR TO DISCHARGE, THE CONTRACTOR WILL DESIGN AND CONSTRUCT TEMPORARY HOLDING BASINS. THE DESIGN OF THE BASIN WILL BE ADDRESSED IF THE NEED ARISES.
- 10. ALL LANDSCAPED AREAS ARE GRADED TO DRAIN IN THE DIRECTION OF THE DRAIN INLET. REFER TO LANDSCAPING AND GRADING PLAN FOR DRAINAGE PATTERNS.

### **EROSION CONTROL NOTES:**

- 1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THIS PLANS AND SPECIFICATIONS AND THE CALTRANS STORM WATER QUALITY HANBOOKS, CURRENT EDITION (MARCH 2003).
- 2. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL INSTALLED AND MAINTAINED DURING THE WET SEASON (OCTOBER 15 THROUGH APRIL 30), SEDIMENT CONTROL BMPs SHALL BE INSTALLED AND MAINTAINED ALL YEAR.
- 3. ALL DRAINAGE INLETS IMMEDIATELY DOWNSTREAM OF THE WORK AREAS AND WITHIN THE WORK AREAS SHALL BE PROTECTED WITH SEDIMENT CONTROL AND INLET FILTER BAGS, YEAR ROUND. INLET FILTER BAGS SHALL BE REMOVED FROM THE DRAINAGE INLETS UPON ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.
- 4. ALL STABILIZED CONSTRUCTION ACCESS LOCATIONS SHALL BE CONSTRUCTED PER ATTACHED DETAIL WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES PAVED AREAS. THE STABILIZED ACCESS SHALL BE MAINTAINED ON A YEAR ROUND BASIS UNTIL COMPLETION OF CONSTRUCTION
- 5. ALL AREAS DISTURBED DURING CONSTRUCTION, BY GRADING, TRENCHING, OR OTHER ACTIVITIES, SHALL BE PROTECTED FROM EROSION DURING THE WET SEASON (OCTOBER 15 THROUGH APRIL 30). HYDROSEED, IF UTILIZED, MUST BE PLACED BY SEPTEMBER 15. HYDROSEED PLACED DURING THE WET SEASON SHALL USE A SECONDARY EROSION PROTECTION METHOD SUCH AS EROSION CONTROL BLANKETS OR STRAW MULCH
- 6. SENSITIVE AREAS AND AREAS WHERE EXISTING VEGETATION IS BEING PRESERVED SHALL BE PROTECTED WITH CONSTRUCTION FENCING. SEDIMENT CONTROL BMPs SHALL BE INSTALLED WHERE ACTIVE CONSTRUCTION AREAS DRAIN INTO SENSITIVE OR PRESERVED VEGETATION AREAS
- 7. SEDIMENT CONTROL BMPs SHALL BE PLACED ALONG THE PROJECT PERIMETER WHERE DRAINAGE LEAVES THE PROJECT. SEDIMENT CONTROL BMPs SHALL BE MAINTAINED YEAR ROUND UNTIL THE CONSTRUCTION IS COMPLETE OR THE DRAINAGE PATTERN HAS BEEN CHANGED AND NO LONGER LEAVES THE SITE.
- 8. THE FOLLOWING AREA ARE TO RECEIVE HYDROSEEDING OR OTHER EROSION CONTROL:
  LOT FRONT YARD BEHIND SIDEWALK -- THE FIRST 18 FEET OR TOP OF SLOPE
  (WHICHEVER IS GREATER)
  SIDEYARDS BEHIND THE SIDEWALK -- THE FIRST 7.5 FEET OR TOP OF SLOPE
  (WHICHEVER IS GREATER)
- 9. EROSION AND SEDIMENT CONTROL MEASURES FOR THIS PROJECT SHALL BE IN SUBSTANTIAL COMPLIANCE AT ALL TIME WITH THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT IN ACCORDANCE WITH THE STATE OF CALIFORNIA GENERAL CONSTRUCTION PERMIT. THIS PERMIT REQUIRES THAT THE SWPPP BE KEPT UP TO DATE TO REFLECT THE CHANGING SITE CONDITIONS AND THE SWPPP IS TO BE AVAILABLE ON SITE AT ALL TIMES FOR REVIEW BY STATE AND LOCAL INSPECTORS.

SLOPES - ALL SLOPES GRATER THAT 10:1



- NOTES:

  1. FILTER ROLLS SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH
- SUPPORT POSTS SHALL BE A MINIMUM 24" LONG 1" X 1" WOOD POSTS DRIVEN A MINIMUM OF 6 INCHES INTO THE GROUND. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART.
   FILTER ROLL SHALL BE IMBEDDED A MINIMUM OF 3 INCHES INTO EXISTING GROUND
- 4. CONTRACTOR SHALL MAKE INSPECTIONS WEEKLY DURING THE WET SEASON, MONTHLY DURING THE DRY SEASON AND IMMEDIATELY AFTER EACH RAINFALL TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE HALF THE HEIGHT OF THE FILTER ROLL.

1 FIBER/STRAW ROLL DETAIL

RECORD DRAWING

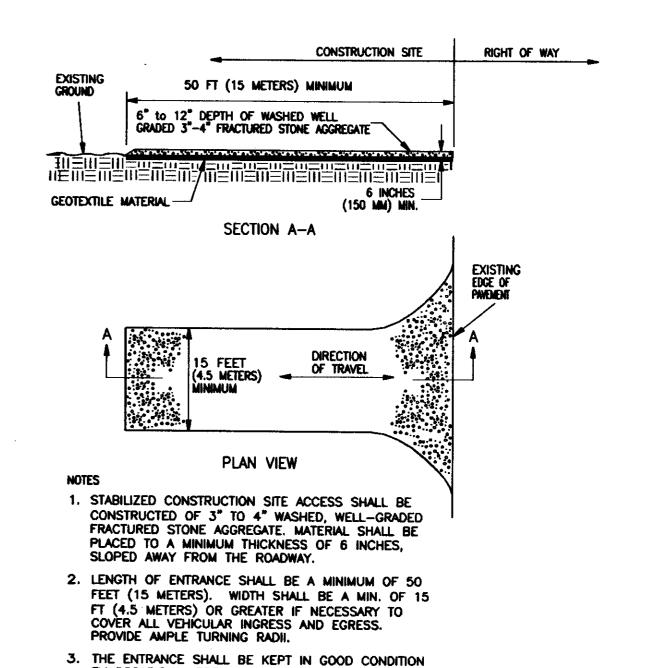
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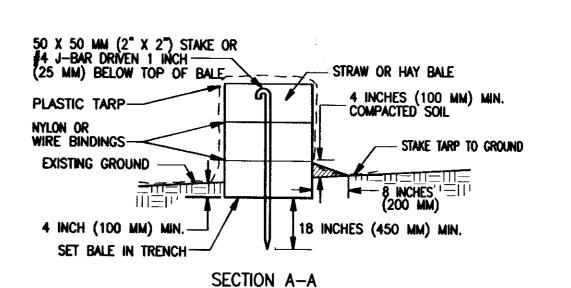
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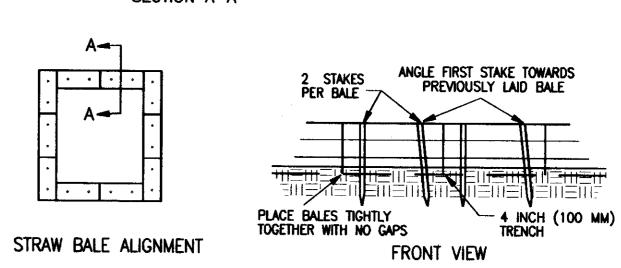
BY OCCASIONAL TOP DRESSING WITH MATERIAL AS

4. ACCESSES SHALL BE INSPECTED WEEKLY DURING PERIODS OF HEAVY USAGE, MONTHLY DURING

TOP DRESSING SHALL BE DONE AS NEEDED.

NORMAL USAGE, AND AFTER EACH RAINFALL, WITH MAINTENANCE PROVIDED AS NECESSARY. PERIODIC





**4** CONSTRUCTION ENTRANCE

NOTES:

- 1 PLACE BALES IN 4 INCH (100 MM) DEEP TRENCH ALONG THE CONTOUR IN THE SHAPE OF AN ARC WITH THE ENDS UPHILL OF THE ARC'S CENTER. BALES SHALL BE PLACED SO THAT BINDINGS ARE HORIZONTAL.
- 2. BALES SHALL BE ANCHORED BY TWO 2" X 2" (50 X 50 MM) STAKES OR #4 J-BAR DRIVEN THROUGH THE BALE AND INTO THE GROUND A MINIMUM DEPTH OF 18 INCHES (450 MM). STAKES OR J-BARS SHALL BE DRIVEN FLUSH WITH THE TOP OF THE BALE. THE FIRST STAKE OR J-BAR IN EACH BALE SHALL BE DRIVEN AT AN ANGLE TOWARDS THE PREVIOUSLY LAID BALE TO FORCE THE BALES TIGHTLY TOGETHER.
- 3. AFTER BALES ARE STAKED IN PLACE, EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE SIDE TO A MINIMUM HEIGHT OF 4 INCHES (100 MM).
- 4. CONTRACTOR MAY SUBSTITUE HAY BALE WITH AN EARTHEN DIKE AFTER RECEIVING APPROVAL FORM A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROLCONTROL
- CONTRACTOR SHALL INSPECT BALES WEEKLY AND AFTER EACH WASHOUT. REPAIRS
  SHALL BE MADE AS NECESSARY AND SEDIMENT SHALL BE REMOVED WHEN IT HAS
  ACCUMULATED TO A DEPTH OF 6 INCHES (150 MM). BALES SHALL BE REPLACED WHEN
  THEY HAVE BEEN DAMAGED, COLLAPSED OR DECOMPOSED.

**⑤ CONCRETE WASHOUT** 

NO. 62009 EXP. 9/30/2007

ONTI & ASSOCIATES, INC.
SINEERING SERVICES

Sox 1396 Woodbridge CA 95258
.476.0970 acomtengineca@aol.com

LINE ADJUSTMENT PA-05-038

E. STATE HWY. 12, CLEMEN

SION AND SEDIMENT CONTROL

DETAIL

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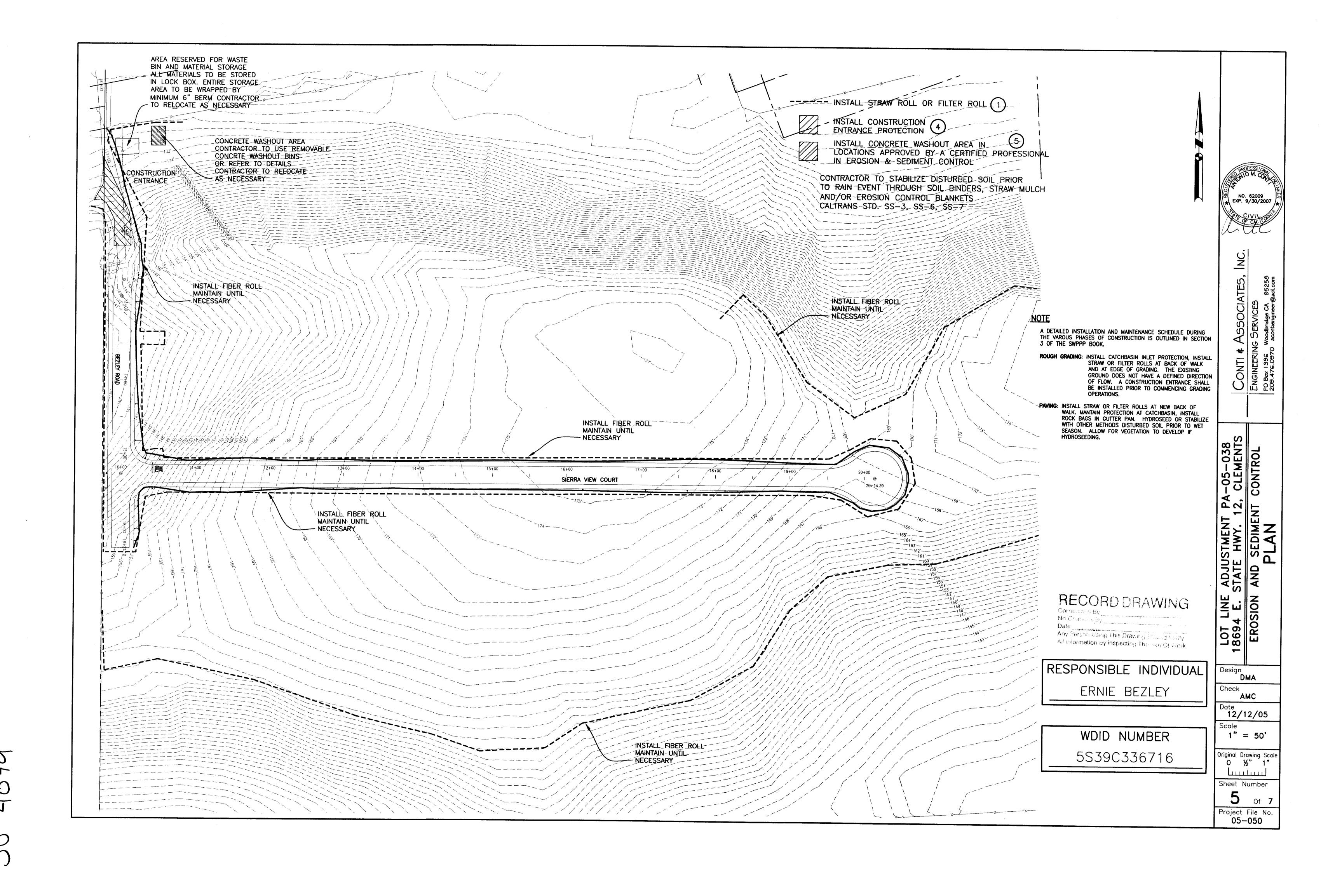
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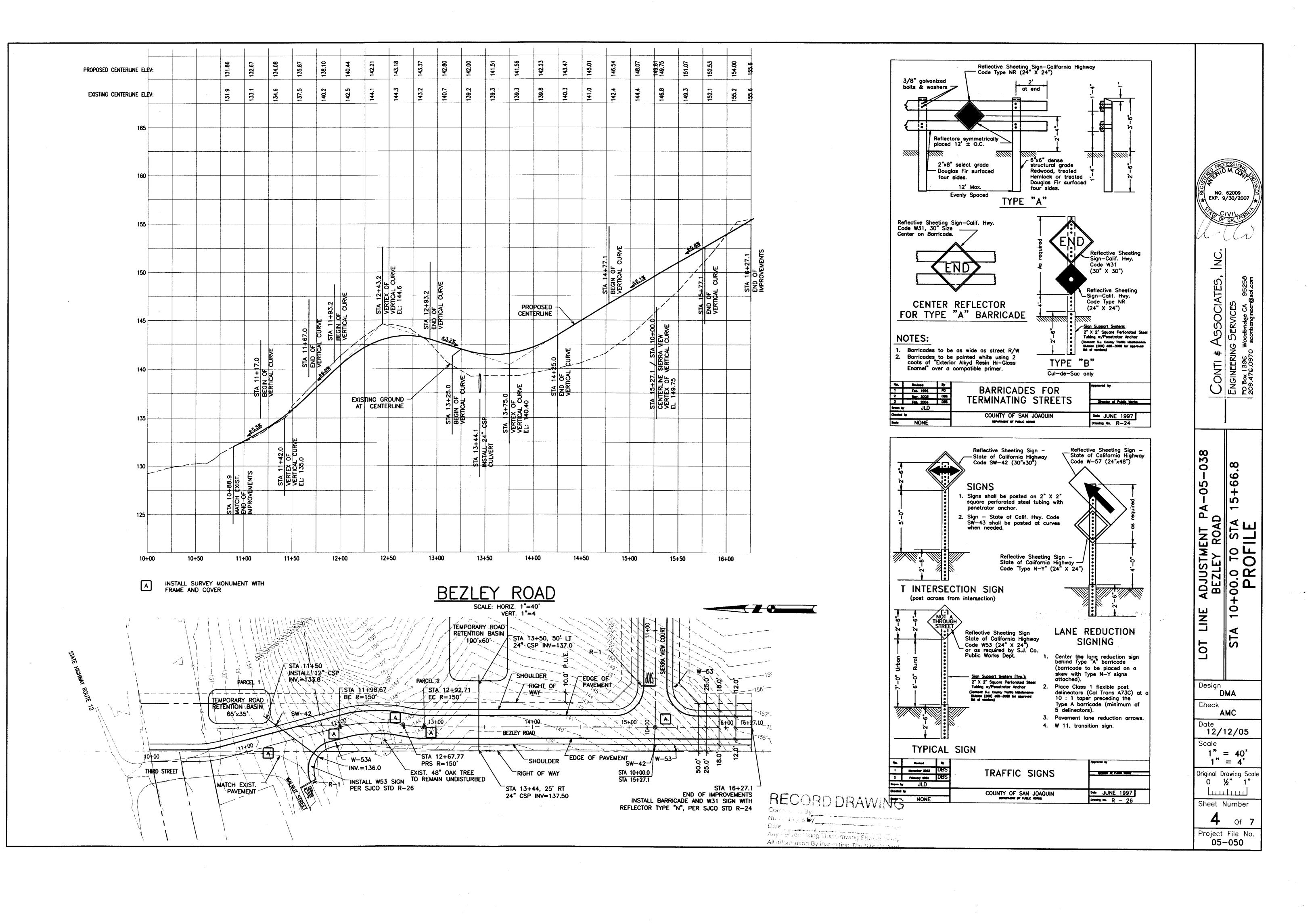
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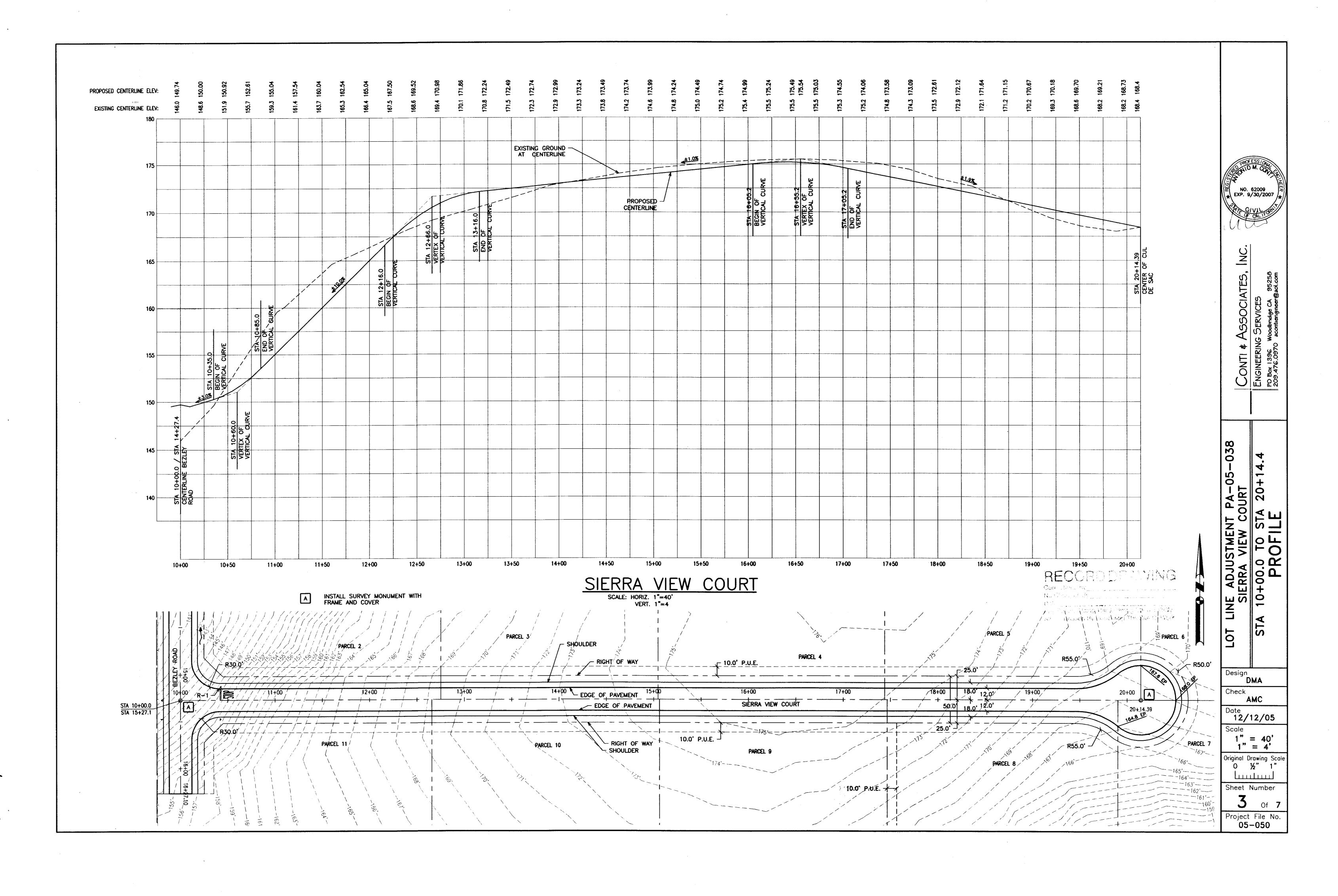
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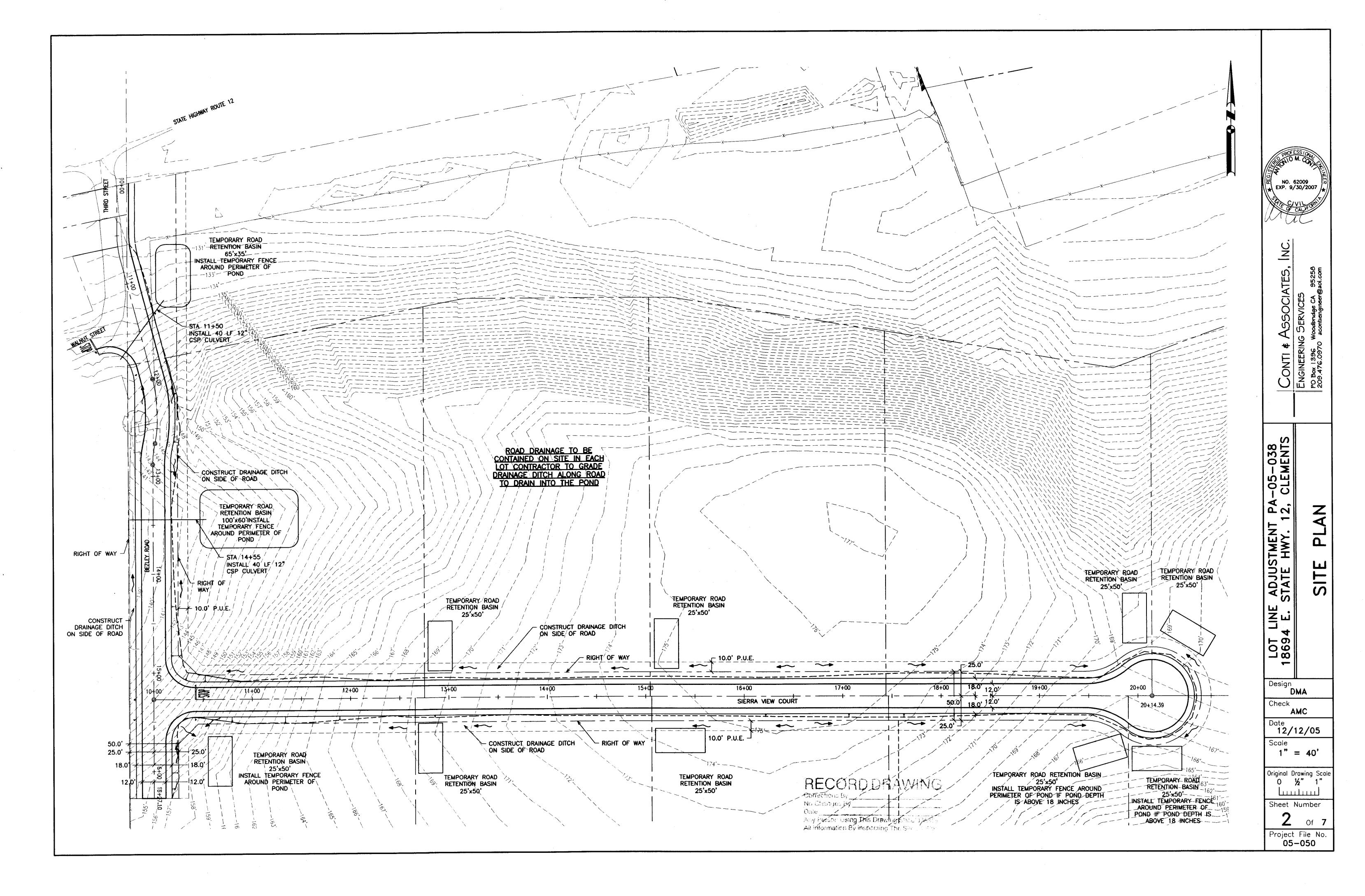
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- ALL NEW IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS, AND THE LATEST EDITION OF THE COUNTY OF SAN JOAQUIN STANDARD PLANS AND SPECIFICATIONS AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (WITH EXCEPTION THAT ENGLISH UNITS ARE TO BE USED IN PLACE OF METRIC).
- THE INTENT IS THAT THESE PLANS REQUIRE ALL LABOR AND MATERIALS (EXCEPT AS SPECIFIED IN THE SPECIAL PROVISIONS) NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES AND AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATIONS IF THE PLANS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
- THE TYPES, LOCATION, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM "OUTSIDE SOURCES". THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES, STACEY GRIFFITH AND ANTONIO M. CONTI CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF ALL SUCH FACILITIES IN THE AREA OF CONSTRUCTION, AND SHALL NOTIFY CONSTRUCTION (UNDERGROUND SERVICE ALERT 1-800-642-2444).
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 1540 (A)(1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH
- PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATION: I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING AND/OR DIGGING: AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FROM THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE REMOVAL AND/OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
- FINAL PAVEMENT WORK SHALL NOT OCCUR WITHIN THE ROAD RIGHT-OF-WAY PRIOR TO COMPLETION OF UTILITY RELOCATION WITHOUT SPECIFIC APPROVAL OF THE COUNTY OF SAN JOAQUIN.
- 8. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE AND SURROUNDING AREAS RESULTING FROM OPERATIONS PRIOR TO ACCEPTANCE OF HIS WORK.
- 10. DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING FACILITIES, THE CONTRACTOR IS RESPONSIBLE TO REPAIR, TO THE SATISFACTION OF THE COUNTY OF SAN JOAQUIN, ANY FACILITIES DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
- CONTRACTOR TO REFERENCE AND RESTORE ALL "RECORDED" EXISTING MONUMENTS AND/OR PROPERTY CORNER REFERENCES DESTROYED, REMOVED OR DISTURBED DURING THE COURSE OF CONSTRUCTION
- 12. DRAINAGE FACILITIES SHALL BE MAINTAINED DURING PERIODS OF INCLEMENT WEATHER AND RESTORED TO THEIR ORIGINAL CONDITIONS UPON COMPLETION OF THE WORK.
- 13. CONTRACTOR SHALL VERIFY ALL STREET NAMES WITH THE COMMUNITY DEVELOPMENT DEPARTMENT BEFORE ORDERING STREET SIGNS.
- 14. WHENEVER PAVEMENT IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THE SPECIFICATIONS, THE PAVEMENT SHALL BE REPLACED, AFTER PROPER BACKFILLING, WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL PAVING.
- 15. ANY CONSTRUCTION ACTIVITY THAT RESULTS IN THE DISTURBANCE OF AT LEAST ONE (1) ACRE OF SOIL SHALL REQUIRE A STATE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM CONSTRUCTION PERMIT.

### **CONSTRUCTION NOTES:**

- THE CENTERLINE STATIONING SHOWN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL LAYOUT IMPROVEMENTS FROM THE DIMENSIONS SHOWN ON THE PLANS. ANY CLARIFICATION ON CONFLICTS. DISCREPANCIES OR AMBIGUITIES SHOULD BE DIRECTED TO THE DESIGN ENGINEER PRIOR TO THE CONSTRUCTION OF THE
- WHERE PAVEMENT IS TO BE EXTENDED, EXISTING PAVEMENT SHALL BE SAWCUT. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY SIGNS FOR ALL REGULATORY TRAFFIC SIGNS REMOVED DURING THE COURSE OF CONSTRUCTION.
- 4. THE CONTRACTOR SHALL PROVIDE OWN CONSTRUCTION WATER.
- 5. CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION AS PER SECTION 10 OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA PER SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS REQUIREMENTS.

### SPECIFICATIONS:

- CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THIS REQUIREMENT SHALL APPLY CONTINUOSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS, THE COUNTY OF SAN JOAQUIN, ITS ELECTED OFFICIALS, OFFICERS, EMPLYEES, AND AGENTS FROM ANY AND ALL CLAIMS, COSTS OF LITIGATION, DAMAGES, AND ATTORNEY'S FEES, FOR PERSONAL INJURY OR PROPERTY DAMAGE OF WHATEVER NATURE WHICH ARE CLAIMED TO HAVE OCCURRED DURING THE TERM OF THIS
- ANY CHANGES TO THE APPROVED IMPROVEMENT PLANS AND SPECIFICATIONS MUST BE PREPARED AND CERTIFIED BY THE "ENGINEER", AND SHALL BE SUBMITTED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO IMPLEMENTATION. ALL TRAFFIC SIGNS AND MARKINGS SHALL CONFORM THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE CALIFORNIA SUPPLEMENT TO THE MUTCD AND SAN JOAQUIN COUNTY STANDARDS AND AS SHOWN ON THE PLANS.
- SECTION 3-5 INSPECTION DURING CONSTRUCTION.-- ANY IMPROVEMENTS CONSTRUCTED TO THESE SPECIFICATIONS AND WHICH IT IS INTENDED THAT THE COUNTY WILL ASSUME MAINTENANCE RESPONSIBILITY, MUST BE INSPECTED DURING CONSTRUCTION BY AN AUTHORIZED AGENT OF THE DEVELOPER AND DIRECTOR. EACH PHASE OF CONSTRUCTION MUST BE INSPECTED

# LOT LINE ADJUSTMENT PA-05-038 BEZLEY ROAD & SIERRA VIEW COURT

## CLEMENTS, CALIFORNIA

ANY IMPROVEMENTS CONSTRUCTED WITHOUT INSPECTION AS PROVIDED ABOVE OR CONSTRUCTED CONTRARY TO THE ORDERS OR INSTRUCTIONS OF THE AUTHORIZED AGENT OF THE DEVELOPER AND DIRECTOR WILL BE DEEMED AS NOT COMPLYING WITH SAN JOAQUIN COUNTY STANDARDS AND SPECIFICATIONS, AND WILL NOT BE ACCEPTED BY SAN JOAQUIN COUNTY FOR MAINTENANCE

THE DEVELOPER WILL HAVE COMPACTION TESTS TAKEN ON ALL LOTS WHERE THE DEPTH OF FILL IS GREATER THAN SEVEN (7") INCHES AND WITHIN THE STREETS. RE-TEST THAT ARE THE RESULT OF THE CONTRACTOR'S FAILURE TO COMPACT THESE AREAS AS REQUIRED WILL BE BORNE BY THE

THE COUNTY DEPARTMENT OF PUBLIC WORKS WILL PERFORM FIELD INSPECTION FOR THIS PROJECT. THE CIVIL ENGINEER, DIRECTOR AND DEVELOPER, OR THEIR AGENTS, SHALL AT ALL TIMES, HAVE ACCESS TO THE WORK DURING ITS CONSTRUCTION, AND SHALL BE FURNISHED WITH EVERY REASONABLE FACILITY FOR ASCERTAINING THAT THE MATERIALS AND THE WORKMANSHIP ARE IN ACCORDANCE WITH THE REQUIREMENTS AND INTENTIONS OF THESE SPECIFICATIONS, SPECIAL PROVISIONS, AND PLANS. ALL WORK DONE AND ALL MATERIALS FURNISHED SHALL BE SUBJECT TO REVIEW. THE REVIEW OF THE WORK OR MATERIALS SHALL NOT RELIEVE THE CONTRACTOR AND DEVELOPER OF ANY OF THEIR OBLIGATIONS TO FULFILL THEIR CONTRACT AS PRESCRIBED.

SECTION 3-7 RECORD DRAWINGS.--THE CIVIL ENGINEER SHALL KEEP AN ACCURATE RECORD OF ALL APPROVED DEVIATIONS FROM THE PLANS AND SHALL PROVIDE A COPY OF THESE RECORDS TO THE DIRECTOR UPON COMPLETION OF OF THE WORK. THESE ARE TO BE UTILIZED WITH THE INSPECTOR'S PLANS FOR PREPARING A COMPLETE AND ACCURATE SET OF "RECORD DRAWINGS" FOR THE PERMANENT RECORDS OF THE COUNTY, PREPARATION OF THE "RECORD DRAWINGS" IS THE RESPONSIBILITY OF THE DEVELOPER AND HIS CIVIL ENGINEER. "RECORD DRAWINGS" SHALL BE SUBMITTED TO THE DIRECTOR PRIOR TO ACCEPTANCE OF WORK AS COMPLETE. APPROVED DEVIATIONS SHALL BE RECORDED IN RED INK ON THE ORIGINAL APPROVED PLANS, NOT REPRODUCIBLE COPIES. THE ORIGINAL PLANS SHALL NOT BE REMOVED FROM THE DEPARTMENT OF PUBLIC WORKS FOR PREPARATION OF "RECORD DRAWINGS". A WORK AREA WILL BE AVAILABLE FOR MAKING ADDITIONS OR CORRECTIONS, AS WILL THE "RECORD DRAWING" STAMP AND PEN WITH RED INK, IF REQUESTED.

MAINTAINING TRAFFIC. -- ATTENTION IS DIRECTED TO SECTIONS 7-1.08, "PUBLIC CONVENIENCE, "7-1.09, "PUBLIC SAFETY." AND 12, "CONSTRUCTION AREA TRAFFIC CONTROL DEVICES," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROMISIONS. CONSTRUCTION AREA TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CALIFORNIA SUPPLEMENT BY THE CURRENT WORK AREA TRAFFIC CONTROL HANDBOOK. (BUILDING NEWS). THROUGH PUBLIC TRAFFIC SHALL BE PERMITTED TO PASS THROUGH CONSTRUCTION OPERATIONS AT ALL TIMES WITH AS LITTLE

INCONVENIENCE AND DELAY AS POSSIBLE. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL CONSTRUCTION AREA TRAFFIC CONTROL DEVICES WITHIN THE PROJECT

AND AT ALL PUBLIC ROAD ENTRANCES TO THE PROJECT.

### SECTION 19 ALTERNATE A EARTHWORK. -- EARTHWORK SHALL CONFORM TO THE REQUIREMENTS IN SECTION 19, "EARTHWORK." OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROMSIONS.

ALL RELATIVE COMPACTION REQUIREMENTS OF SECTION 19-5, "COMPACTION," OF THE STANDARD SPECIFICATIONS, SHALL BE NOT LESS THAN 90 PERCENT.

THE REQUIREMENT OF THE SECOND PARAGRAPH OF SECTION 19-5.03, "RELATIVE COMPACTION (95 PERCENT), " OF THE STANDARD SPECIFICATIONS, WILL BE REQUIRED ONLY IN THOSE AREAS SHOWN ON THE PLANS. IN LIEU OF THE TOLERANCE SPECIFIED IN SECTION 19-1.03B, "GRADE TOLERANCE," OF THE STANDARD SPECIFICATIONS, THE SURFACE OF

THE GRADING PLANE SHALL NOT BE MORE THAN 0.05 FOOT ABOVE OR BELOW THE GRADE ESTABLISHED BY THE ENGINEER. BEFORE GRADE IS APPROVED BY THE COUNTY, ALL EARTHWORK (INCLUDING DRIVEWAYS AND SLOPES) SHALL BE COMPACTED TO GRADE. UNLESS OTHERWISE SHOWN ON THE PLANS, ALL SURPLUS MATERIALS NOT TO BE SALVAGED, STOCKPILED OR DISPOSED OF AS PROVIDED IN SECTION 19-2.06, "SURPLUS MATERIAL," OF THE STANDARD SPECIFICATIONS, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSE OF AS PROVIDED IN SECTION 7-1.13, "DISPOSAL OF MATERIAL OUTSIDE THE HIGHWAY RIGHT OF WAY," OF THE STANDARD SPECIFICATIONS. UNLESS OTHERWISE SHOWN ON THE PLANS, THE EXISTING PAVEMENT, WHEN USED AS EMBANKMENT, SHALL BE BROKEN UP INTO PIECES NOT LARGER THAN 0.33 FOOT IN GREATEST DIMENSION.

SECTION 19 ALTERNATE C

SPECIFICATIONS CONTINUED:

EARTHWORK (STRUCTURE EXCAVATION & BACKFILL). -- STRUCTURE EXCAVATION AND BACKFILL SHALL CONFORM TO THE REQUIREMENTS IN SECTION 19-3, "STRUCTURE EXCAVATION AND BACKFILL," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS. ALL REFERENCES TO CULVERT EXCAVATION AND CULVERT BACKFILL ON THE PLANS SHALL BE DEEMED TO MEAN STRUCTURE EXCAVATION AND STRUCTURE BACKFILL, RESPECTIVELY, IN THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.

STRUCTURE BACKFILL WHICH IS OUTSIDE OF THE PAVED PORTIONS OF THE ROADWAY, UNLESS OTHERWISE SPECIFIED ON THE PLANS, SHALL BE NATIVE MATERIAL SELECTED FOR IT'S RESISTANCE TO EROSION.

COMPACTION REQUIREMENTS: UNLESS OTHERWISE SHOWN ON THE PLANS, THE COMPACTION REQUIREMENTS WITHIN THE LIMITS OF STRUCTURE EXCAVATION FOR PIPES AND ARCHES SHALL BE AS SHOWN ON STANDARD DRAWINGS.

PONDING AND JETTING WILL BE PERMITTED ONLY IF A MAINTENANCE BOND IN THE AMOUNT OF TWENTY PERCENT (20%) OF THE ENGINEER'S ESTIMATE WITH A CORPORATE SURETY APPROVED BY THE COUNTY IS PROVIDED. SUCH A BOND SHALL BE PROVIDED BEFORE FINAL ACCEPTANCE OF THE PROJECT BY THE COUNTY AND SHALL GUARANTEE THE REPAIR OF ALL DAMAGES DUE TO FAULTY MATERIALS OR WORKMANSHIP PROVIDED OR DONE BY THE CONTRACTOR, THE GUARANTEE SHALL REMAIN IN EFFECT FOR A PERIOD OF THREE (3) YEARS AFTER THE DATE OF FINAL ACCEPTANCE OF THE PROJECT BY THE COUNTY OR BOARD OF SUPERVISORS.

- SECTION 22 FINISHING ROADWAY. -- FINISHING ROADWAY SHALL CONFORM TO THE REQUIREMENTS IN SECTION 22, "FINISHING ROADWAY," OF THE STANDARD
- SECTION 23 DRIVEWAYS. -- ATTENTION IS DIRECTED TO THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS. PAVED DRIVEWAYS AND FRONTAGES SHALL BE SLOPED TO DRAIN.

SECTION 26 ALTERNATE A

AGGREGATE BASE. -- AGGREGATE BASE SHALL CONFORM TO THE REQUIREMENTS IN SECTION 26, "AGGREGATE BASES," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS. AGGREGATE BASE SHALL BE CLASS 2.

THE COMBINED AGGREGATE SHALL CONFORM TO THE GRADING SPECIFIED FOR THE 3/4-INCH MAXIMUM AGGREGATE. THE R-VALUE REQUIREMENT MAY BE WANTED, PROVIDING THE AGGREGATE BASE COMFORMS TO THE SPECIFIED GRADING AND DURABILITY AND HAS A SAND EQUIVALENT VALUE OF 33 OR MORE.

ASPHALT CONCRETE BASE. -- ASPHALT CONCRETE BASE SHALL CONFORM TO THE REQUIREMENTS IN SECTION 39, "ASPHALT CONCRETE," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.

ASPHALT CONCRETE BASE SHALL BE TYPE "B". AGGREGATE FOR 3/4" MAXIMUM MEDIUM GRADATION ASPHALT CONCRETE MAY BE USED IN LIEU OF AGGREGATE FOR ASPHALT CONCRETE BASE. THE AMOUNT OF ASPHALT BINDER TO BE MIXED WITH THE AGGREGATE SHALL BE BETWEEN 5% AND 7% BY WEIGHT OF THE DRY AGGREGATE. THE EXACT AMOUNT OF ASPHALT BINDER TO BE MIXED WITH THE AGGREGATE WILL BE DETERMINED BY THE ENGINEER AND DIRECTOR. THE AR VISCOSITY GRADE OF THE ASPHALT BINDER SHALL BE 4,000 UNLESS OTHERWISE SHOWN ON THE PLANS. THE PROVISIONS OF PARAGRAPHS 5 THROUGH 8 OF SECTION 39-3.03, "PROPORTIONING," OF THE STANDARD SPECIFICATIONS, SHALL NOT APPLY TO THIS PROJECT. WHEN THE ASPHALT CONCRETE BASE IS TO BE PRODUCED IN A BATCH PLANT, THE ASPHALT CONCRETE BASE SHALL BE PROPORTIONED AND MIXED BY THE AUTOMATIC METHOD.

WHEN ASPHALT CONCRETE BASE IS TO BE PLACED ON EXISTING SURFACING, THE ENTIRE SURFACE SHALL BE CLEANED BY SCRAPING WITH A METAL EDGE OF NOT LESS THAN 5 FEET IN LENGTH AND ALL THE LOOSE MATERIAL REMOVED. PAINT BINDER (TACK COAT) SHALL BE APPLIED AT A RATE OF APPROXIMATELY 0.05 GALLON PER SQUARE YARD, UNLESS OTHERWISE SHOWN ON

THE PLANS. THE ASPHALT CONCRETE BASE SHALL BE SPREAD WITH EQUIPMENT THAT WILL PROVIDE A UNIFORM LAYER. EQUIPMENT WHICH REQUIRES DRIFTING, SPOTTING OR OTHERWISE SHIFTING THE MATERIAL OR WHICH CAUSES SEGREGATION OF THE MATERIAL SHALL NOT BE USED. ASPHALT CONCRETE BASE SHALL BE PLACED IN LAYERS NOT TO EXCEED 0.5 FOOT IN COMPACTED THICKNESS. THE LAYER PLACED ON THE BASEMENT MATERIAL SHALL HAVE A MINIMUM THICKNESS OF 0.3 FOOT AFTER COMPACTION, UNLESS OTHERWISE DESIGNATED ON THE PLANS.

## SAN JOAQUIN COUNTY

SPECIFICATIONS COTINUED:

IN ADDITION TO THE ROLLING REQUIREMENTS OF SECTION 39-6.03. "COMPACTING," OF THE STANDARD SPECIFICATIONS, THE MATERIAL SHALL BE ROLLED UNTIL IT REACHES A MINIMUM OF 95% RELATIVE COMPACTION, BASED ON STABILOMETER BRIQUET DENSITY. BEFORE PLACING ASPHALT CONCRETE BASE SHALL BE NO HIGHER THAN 150" F. THE FINISHED SURFACE OF ASPHALT CONCRETE BASE SHALL NOT VARY MORE THAN 0.05 FOOT ABOVE OR BELOW THE GRADE ESTABLISHED BY THE

ENGINEER AFTER THE MATERIAL HAS REACHED A TEMPERATURE OF 150° F.

LIQUID ASPHALT (PRIME COAT) .-- LIQUID ASPHALT (PRIME COAT) SHALL CONFORM TO THE REQUIREMENTS IN SECTIONS 39, "ASPHALT CONCRETE," AND 93, "LIQUID ASPHALT," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS. LIQUID ASPHALT SHALL BE GRADE SC-70 OR SD-250 AND SHALL BE APPLIED AT THE APPROXIMATE TOTAL RATE OF 0.25 GALLON PER SQUARE YARD IN ONE APPLICATION. THE GRADE AND EXACT RATE OF APPLICATION WILL BE DETERMINED BY THE ENGINEER AND THE DIRECTOR. LIQUID ASPHALT SHALL NOT BE APPLIED WHEN THE ATMOSPHERIC TEMPERATURE IS BELOW 50° F.

AT LOCATIONS WHERE PUBLIC TRAFFIC IS BEING ROUTED OVER THE ROADBED TO BE TREATED, THE PRIME COAT SHALL NOT BE APPLIED TO MORE THAN ONE-HALF THE WIDTH OF THE TRAVELED WAY AT A TIME, AND THE REMAINING WIDTH SHALL BE KEPT FREE OF OBSTRUCTIONS AND OPEN FOR USE BY PUBLIC TRAFFIC UNTIL THE TREATMENT FIRST APPLIED IS READY FOR USE BY PUBLIC TRAFFIC. LIQUID ASPHALT SHALL NOT BE APPLIED UNTIL A MINIMUM OF 24 HOURS AFTER THE COUNTY HAS ACCEPTED THE AGGREGATE BASE FOR SURFACE TOLERANCES AND COMPACTION REQUIREMENTS.

SECTION 3-4 GUARANTEE. -- THE COMPLETED PROJECT, INCLUDING ALL WORK MATERIALS, DEVICES AND EQUIPMENT, SHALL BE GUARANTEED BY THE DEVELOPER AGAINST FAULTY WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE BY THE BOARD OF SUPERVISORS. THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL REPAIR AND/OR REPLACEMENTS INCLUDING ALL LABOR, MATERIALS, EQUIPMENT, DEVICES, PLANT AND OTHER ITEMS OF WORK NECESSARY. TO SECURE THIS GUARANTEE, A BOND OR OTHER SECURITY SHALL BE PROVIDED IN THE AMOUNT OF 20% OF THE VALUE OF WORK ESTIMATED BY THE ENGINEER. SAID BOND SHALL CONTINUE IN FULL FORCE AND EFFECT FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE FORMAL ACCEPTANCE OF THE WORK BY THE BOARD OF SUPERVISORS.

SECTION 3-6 FINAL REVIEW. -- UPON COMPLETION OF ANY IMPROVEMENTS WHICH ARE CONSTRUCTED UNDER AND IN CONFORMANCE WITH THESE STANDARDS AND SPECIFICATIONS, AND PRIOR TO REQUESTING FINAL INSPECTION, THE AREA SHALL BE THOROUGHLY CLEANED OF ALL RUBBISH, EXCESS MATERIAL AND EQUIPMENT; AND ALL PORTIONS OF THE WORK SHALL BE LEFT IN A NEAT AND ORDERLY CONDITION, SATISFACTORY TO THE DIRECTOR AND THE DEVELOPER.

SECTION 10 DUST CONTROL. -- DUST CONTROL SHALL CONFORM TO THE REQUIREMENTS IN SECTION 10, "DUST CONTROL," OF THE STANDARD SPECIFICATIONS.

SECTION 16 ALTERNATE A CLEARING AND GRUBBING .-- CLEARING AND GRUBBING SHALL CONFORM TO THE REQUIREMENTS IN SECTION 16, "CLEARING AND GRUBBING." OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.

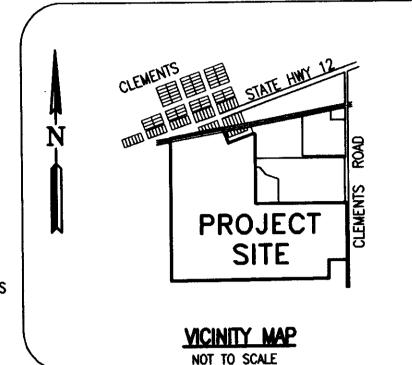
TREE BRANCHES EXTENDING OVER THE ROADWAY PAVEMENT AND WHICH HANG WITHIN 15 FEET OF FINISHED GRADE SHALL BE CUT OFF IN A WORKMANLIKE MANNER. BURNING WILL BE ALLOWED WHEN PERMITTED BY THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT.

BENCHMARK DESCRIPTION:

SAN JOAQUIN COUNTY BENCHMARK NO. ML-9.7 ELEVATION: 102.96

### BASIS OF BEARINGS:

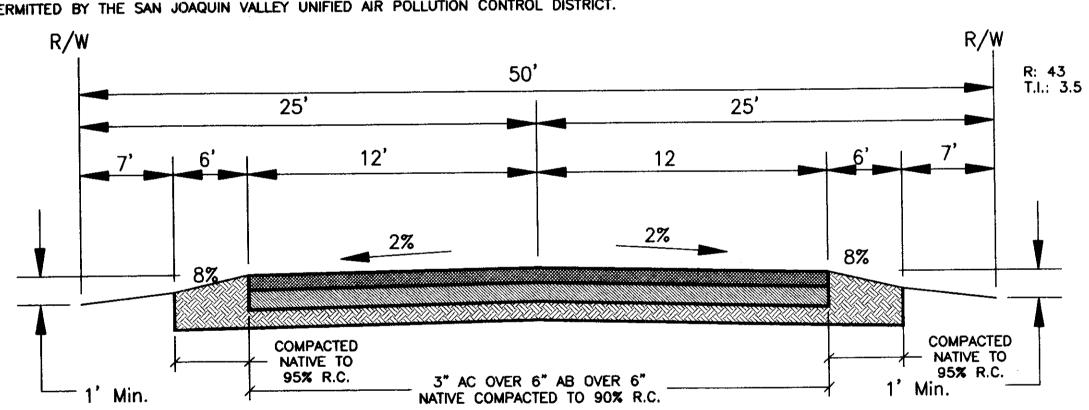
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE EAST LINE OF THE NORTHEAST QUARTER OF SECTION 22 WHICH BEARS NORTH SOUTH PER R.S. 34-183

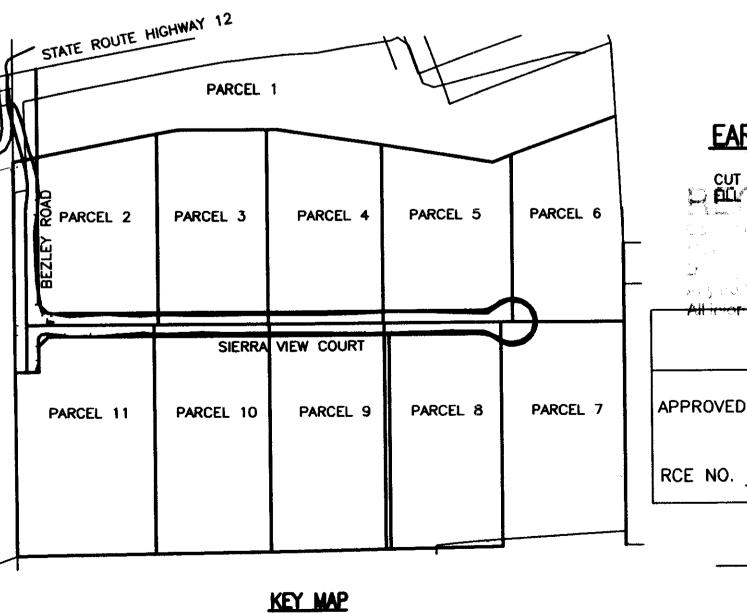


### SHEET INDEX DESCRIPTION SHEET NO. TITLE SHEET SITE PLAN

PLAN & PROFILE SIERRA VIEW COURT STA. 10+00 TO 20+14.4 PLAN & PROFILE BEZLEY RD. STA. 10+00 TO 15+66.8 EROSION AND SEDIMENT

CONTROL PLAN EROSION AND SEDIMENT CONTROL DETAILS CROSS SECTIONS





EARTHWORK QUANTITIES

Muchl Celler

DIRECTOR OF PUBLIC WORKS

COUNTY OF SAN JOAQUIN

STREET SECTION

NTS

COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS

SENIOR CIVIL ENGINEER

LEGEND: PUBLIC UTILITY EASEMENT MAPS AND PLATS UTILITY POLE ---- P --- UTILITY POLE LINE S.J.C. STD. DWG. SAN JOAQUIN COUNTY STANDARD DRAWING NUMBER

SAN JOAQUIN COUNTY RECORDS

Check AMC Scale

12/5/05 DATE EXP DATE: 6/30/07

PROFESSIONAL ON CONTROL

EXP. 9/30/2007

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Design DMA 11/15/05

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Sheet Number Of **7** 

Project File No. 05-050

AND APPROVED PRIOR TO PROCEEDING TO THE SUBSEQUENT PHASES.