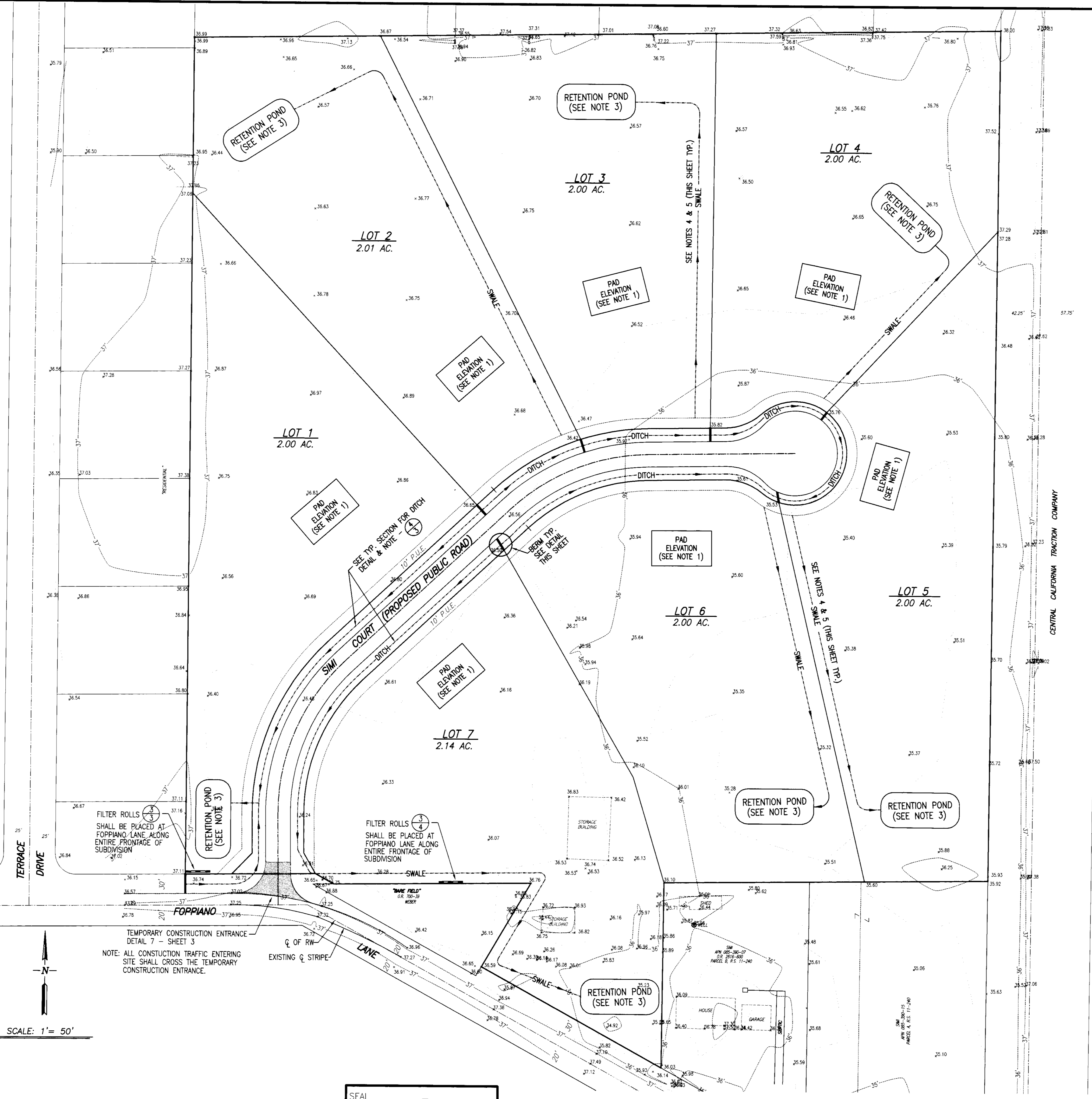


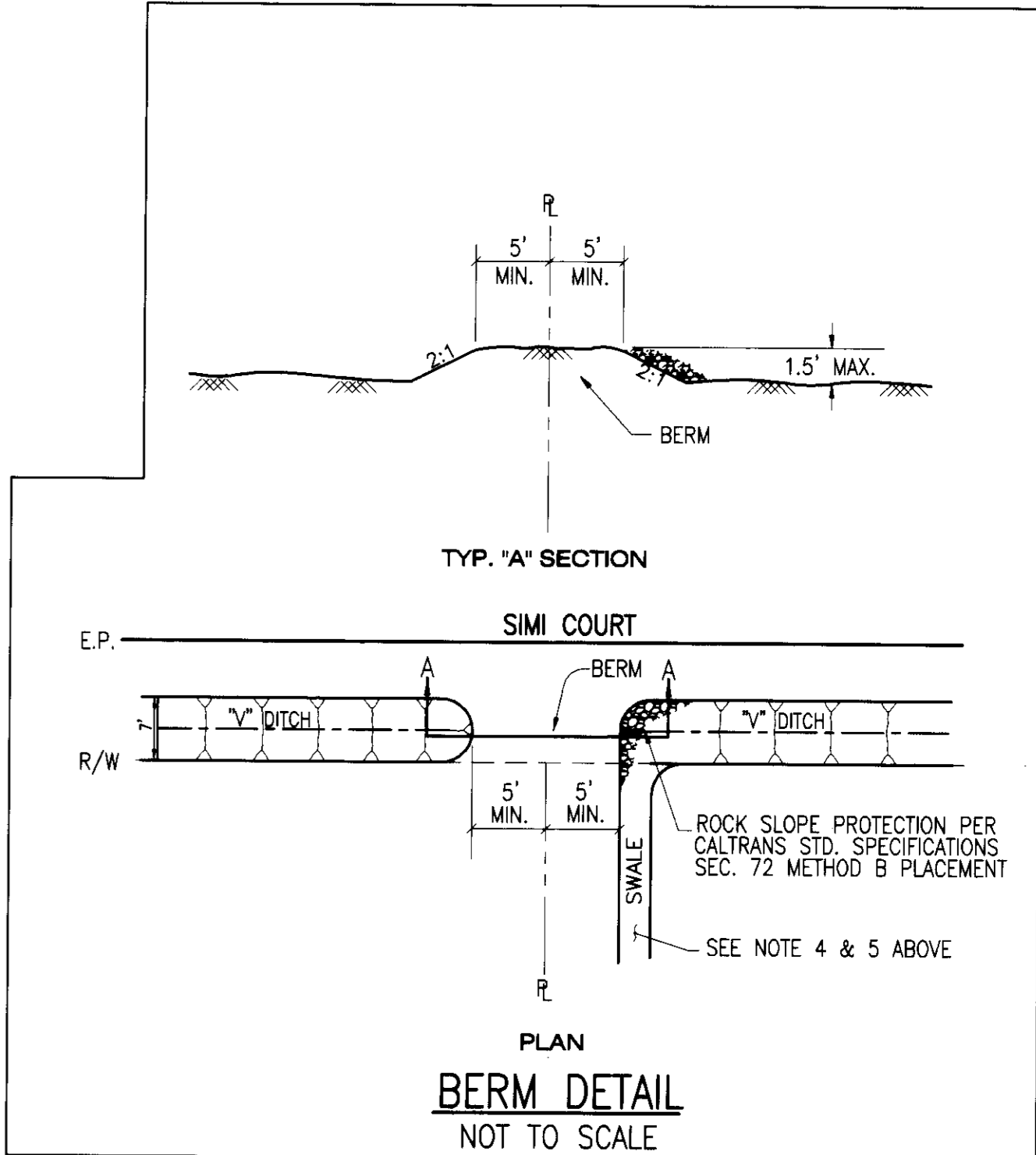
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SMI COURT-OP-4 - REVISED 10-14-05

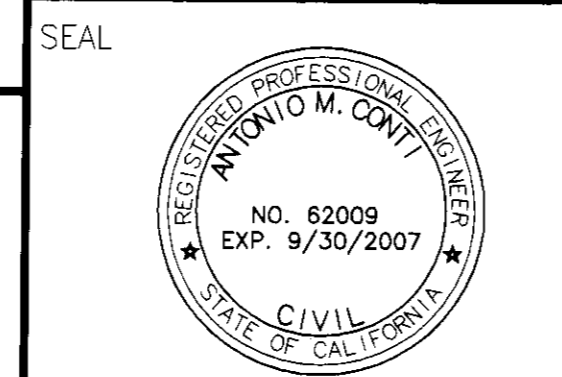
SHADED TERRACE (M.&P. 14-57)



- NOTE:**
- PAD ELEVATIONS TO BE DETERMINED AT TIME OF BUILDING PERMIT APPLICATION PROCESS.
 - EACH DRAINAGE RETENTION POND IS IN APPROXIMATE LOCATION TO BE DETERMINED AT TIME OF BUILDING PERMIT APPLICATION.
 - PRIOR TO FINAL OCCUPANCY, EACH LOT OWNER SHALL CONSTRUCT A DRAINAGE RETENTION POND (OR PONDS) SO AS TO ACCOMMODATE LOT AND ROADWAY STORM DRAINAGE RUNOFF. ALL PONDS SHALL NOT EXCEED 18 INCHES IN DEPTH AND MUST CONFORM TO SAN JOAQUIN COUNTY IMPROVEMENT STANDARDS. LOCATION, DEPTH AND VOLUME OF THE POND(S) SHALL APPEAR ON THE GRADING PLAN OR BUILDING PLAN AS SUBMITTED TO THE SAN JOAQUIN COUNTY BUILDING DEPARTMENT FOR APPROVAL. THE GRADING OF EACH LOT SHALL BE DESIGNED, GRADED AND MAINTAINED TO RETAIN ALL IRRIGATION AND STORM DRAINAGE (INCLUDING SIMI COURT AND/OR FOPIANO LANE DRAINAGE) ON SITE.
 - EACH LOT OWNER IS RESPONSIBLE FOR THE UPKEEP AND MAINTENANCE FOR SWALE AND RETENTION POND.
 - EACH LOT SHALL HAVE A DITCH TO RETAIN THE RUNOFF WATER FROM ROAD AND A SWALE TO DIRECT THE RUNOFF WATER FROM DITCH PLUS SITE TO DRAIN IN RETENTION POND. SWALE AND POND TO BE CONSTRUCTED BY EACH LOT OWNER AT TIME OF BUILDING PERMIT APPLICATION. (SEE DETAIL THIS SHEET).
 - ALL GRADING SHALL COMPLY WITH 2001 C.B.C. CHAPTER 18 AND APPENDIX CHAPTER 33.
 - NO SLOPE SHALL BE STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL.
 - REFER TO GEOTECHNICAL INVESTIGATION REPORT BY NEIL ANDERSON & ASSOC., AUGUST, 2004 JOB NO. LG04-343 TO DETERMINE LOT GRADING, SITE PREPARATION, FOUNDATION AND RECOMMENDATION.
 - ANY CONSTRUCTION ACTIVITY THAT RESULTS IN THE DISTURBANCE OF AT LEAST ONE(1) ACRE OF SOIL SHALL REQUIRE A STATE NPDES PERMIT.



REVISIONS			
NO.	DESCRIPTION	DATE	BY

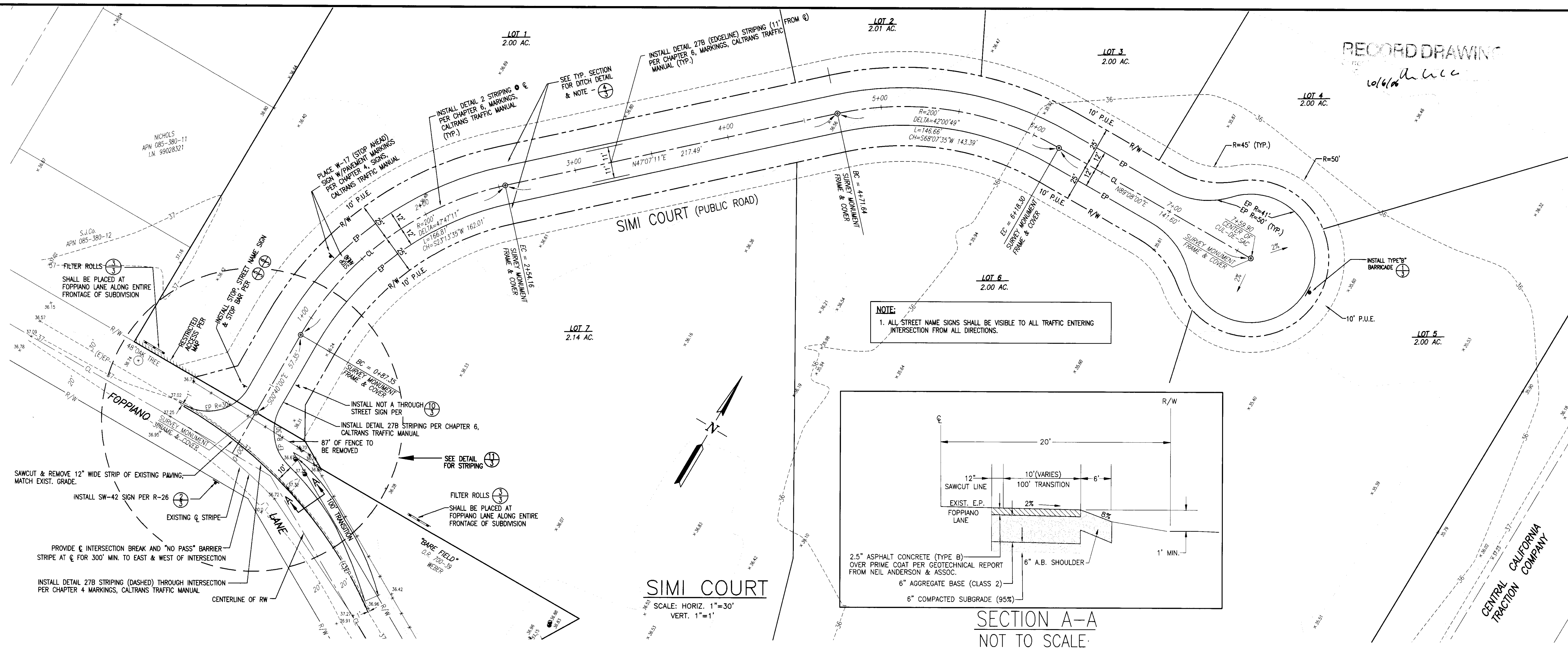


ANTONIO M. CONTI - CIVIL ENGINEER
 P.O. BOX 1396
 WOODBRIDGE, CALIFORNIA 95258
 PHONE (209) 476-0970
 DATE: _____
 R.C.E. NO: 62009
 EXP. DATE: 9/30/07

JOB NO. 04005
 DATE 07/08/05
 DESIGN SJG
 DRAWN SJG
 CHECKED AMC

GRADING PLAN
SIMI COURT
 SAN JOAQUIN COUNTY, CA

SHEET
4
 OF 4 SHEETS



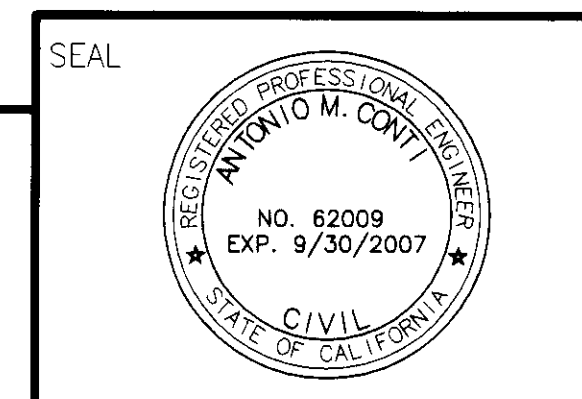
Station	0+00 CL	0+11 EP/GB	1+00	2+00	3+00	4+00	5+00	6+00	7+00	7+59.90	8+00.90 EP
(P) & GRADE	37.2	37.00	36.64	36.73	36.91	37.09	37.26	37.44	37.62	37.80	37.98
(E) & GRADE	37.2	37.0	36.4	36.3	36.4	36.5	36.6	36.6	36.7	36.7	36.7
PROPOSED CENTERLINE GRADE	37.2	37.0	36.64	36.73	36.91	37.09	37.26	37.44	37.62	37.80	37.98
EXISTING CENTERLINE GRADE	37.2	37.0	36.4	36.3	36.4	36.5	36.6	36.6	36.7	36.7	36.7
PROPOSED DITCH FLOWLINES	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0

VERTICAL SCALE: 1"=1' HORIZONTAL SCALE: 1"=30'

SU 3998

SIMI COURT-PP-2-REVISED-10/14/05

NO.	REVISIONS	DATE	BY



ANTONIO M. CONTI - CIVIL ENGINEER
P.O. BOX 1396
WOODBRIDGE, CALIFORNIA 95258
PHONE (209) 476-0970
DATE: _____
R.C.E. NO: 62009
EXP. DATE: 9/30/07

JOB NO. 04005
DATE 07/08/05
DESIGN SJG
DRAWN SJG
CHECKED AMC

ROADWAY IMPROVEMENTS
SIMI ESTATES
SAN JOAQUIN COUNTY, CA

SHEET
2
OF 4 SHEETS

ROADWAY IMPROVEMENTS

FOR

SIMI ESTATES

SAN JOAQUIN COUNTY, CALIFORNIA

REFER TO MAJOR SUBDIVISION APPLICATION NO. PA-04-392

STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS:

- SECTION 22 FINISHING ROADWAY.--FINISHING ROADWAY SHALL CONFORM TO THE REQUIREMENTS IN SECTION 22, "FINISHING ROADWAY," OF THE STANDARD SPECIFICATIONS.
- 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 TO THE GRADING SPECIFIED FOR THE 3/4-INCH MAXIMUM AGGREGATE.
THE R-VALUE REQUIREMENT MAY BE WAIVED, PROVIDING THE AGGREGATE BASE CONFORMS TO THE SPECIFIED GRADING AND DURABILITY AND HAS A SAND EQUIVALENT VALUE OF 33 OR MORE.
- SECTION 39 ALTERNATE A
ASPHALT CONCRETE.--ASPHALT CONCRETE SHALL CONFORM TO THE REQUIREMENTS IN SECTION 39, "ASPHALT CONCRETE," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.
ASPHALT CONCRETE SHALL BE TYPE "B". AGGREGATE SHALL CONFORM TO THE 1/2-INCH MAXIMUM, COARSE OR MEDIUM GRADING AS DETERMINED BY THE ENGINEER AND DIRECTOR. AT THE CONTRACTOR'S OPTION, AND WITH APPROVAL OF THE ENGINEER AND DIRECTOR, AGGREGATE MAY BE 3/4-INCH MAXIMUM, MEDIUM GRADING WITH THE EXCEPTION OF THE FINAL FINISH COURSE.
AGGREGATE CONFORMING TO THE 3/8-INCH MAXIMUM GRADING WILL BE PERMITTED FOR USE IN DRIVEWAYS, DIKES AND OTHER AREAS WITH APPROVAL OF THE ENGINEER AND DIRECTOR.
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. THE AIR 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 IS TO BE PRODUCED IN A BATCH PLANT, THE ASPHALT CONCRETE SHALL BE PROPORTIONED AND MIXED BY THE AUTOMATIC METHOD.
WHEN SHOWN IN THE ENGINEER'S ESTIMATE PRIME COAT, LIQUID ASPHALT PENETRATION GRADE SHALL BE SC-70 OR SC-250 AS DIRECTED BY THE ENGINEER AND DIRECTOR. THE PLACEMENT OF ASPHALT CONCRETE SHALL NOT BEGIN UNTIL 24 HOURS AFTER THE PRIME COAT IS APPLIED.
PAINT BINDER (TACK COAT) SHALL BE APPLIED AT A RATE OF APPROXIMATELY 0.05 GALLON PER SQUARE YARD, UNLESS OTHERWISE SHOWN ON THE PLANS.
ALL STEEL-TIRED ROLLERS SHALL BE OF THE TANDEM TYPE. THE THIRD PARAGRAPH OF SECTION 39-5.02, "COMPACTING EQUIPMENT," OF THE STANDARD SPECIFICATIONS SHALL BE DELETED.
THE DUMPING OF MATERIAL IN A WINDROW, IN ACCORDANCE WITH SECTION 39-6.01, "GENERAL REQUIREMENTS," OF THE STANDARD SPECIFICATIONS, SHALL BE LIMITED TO 750 FEET IN ADVANCE OF THE PAVING MACHINE.
THE SIXTH PARAGRAPH IN SECTION 39-6.01, "GENERAL REQUIREMENTS," OF THE STANDARD SPECIFICATIONS, SHALL BE AMEND BY DELETING THE SECOND FOOTNOTE, WHICH READS, "AT THE OPTION OF THE CONTRACTOR, [0.25" OVERLAY] MAY BE PLACED IN ONE LAYER 0.25" THICK."
THE TENTH PARAGRAPH OF SECTION 39-6.03, "COMPACTING," OF THE STANDARD SPECIFICATIONS, ALLOWING THE USE OF "ALTERNATIVE COMPACTING EQUIPMENT" SHALL BE DELETED.
UNLESS OTHERWISE SHOWN ON THE PLANS, ASPHALT PAVER EQUIPMENT USED TO PLACE ASPHALT CONCRETE SHALL BE EQUIPPED WITH FULL AUTOMATIC SCREED AND GRADE SENSING CONTROLS WHICH SHALL CONTROL THE LONGITUDINAL GRADE AND TRANSVERSE SLOPE OF THE SCREED. THE CONTROLS SHALL BE ACTUATED BY GRADE AND SLOPE REFERENCES. CORRECTIONS ON ACCOUNT OF DEVIATIONS FROM THE REFERENCES SHALL BE AUTOMATIC. GUIDES AND REFERENCES REQUIRED TO CONTROL THE LONGITUDINAL GRADE AND TRANSVERSE SLOPES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
SHOULD THE CONTRACTOR ELECT TO USE A SKI DEVICE FOR LONGITUDINAL CONTROL, THE MINIMUM LENGTH OF THE DEVICE SHALL BE 30 FEET. THE DEVICE SHALL ACT INDEPENDENTLY OF OTHERS AND THE FINISHED GRADE SHALL NOT BE AFFECTED BY THE ACTION OF A SINGLE SUPPORT.
WHEN ASPHALT CONCRETE GUTTERS ARE DESIGNED ON THE PLANS, A STRINGLINE OR WIRE GRADE REFERENCE SHALL BE REQUIRED TO CONTROL LONGITUDINAL GRADE OF THE GUTTER. THE GUTTER SHALL BE WATER TESTED BEFORE ACCEPTANCE. THE MAXIMUM DEVIATION FROM A TRUE GRADE SHALL NOT RESULT IN PONDING WATER FOR DEPTH EXCEEDING 0.04 FOOT.
SURFACING OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER THAT, AT THE END OF EACH DAY'S WORK, THE DISTANCE BETWEEN THE ENDS OF ADJACENT SURFACED LANES SHALL NOT BE GREATER THAN CAN BE COMPLETED IN THE FOLLOWING DAY OF NORMAL SURFACING OPERATIONS.
PORTABLE DELINEATORS IN CONFORMANCE WITH SECTION 12-3.04, "PORTABLE DELINEATORS," OF THE STANDARD SPECIFICATIONS SHALL BE FURNISHED AND PLACED AT A MAXIMUM SPACING OF 300 FEET ON TANGENTS AND 100 FEET ON CURVES ALONG ANY EDGE OF NEW SURFACING WHICH HAS A DROP OFF OF MORE THAN 0.10 FOOT. DELINEATORS SHALL BE STAGGERED WHEN REQUIRED ON BOTH SIDES OF TRAFFIC.
EXISTING PAVEMENT MARKERS SHALL BE REMOVED AND DISPOSED OF, UNLESS OTHERWISE NOTED ON THE PLANS.
DURING THE REMOVAL OF CERAMIC TILE PAVEMENT MARKERS, SCREEN, OR OTHER PROTECTIVE DEVICES SHALL BE FURNISHED TO CONTAIN ANY FRAGMENTS AS PROVIDED FOR IN SECTION 7-1.09, "PUBLIC SAFETY," OF THE STANDARD SPECIFICATIONS.
- SECTION 39 ALTERNATE E
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 COMPACTON REQUIREMENTS.
- SECTION 56 STREET SIGNS.--ATTENTION IS DIRECTED TO SECTION 56 OF THE STANDARD SPECIFICATIONS, THE STANDARD DRAWINGS AND THESE SPECIAL PROVISIONS.
A. MATERIALS
THE VARIOUS MATERIALS OR FABRICATIONS THEREOF SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
1. STREET SIGNS SHALL HAVE A HORIZONTAL DIMENSION OF 24 INCHES, 30 INCHES, OR 36 INCHES AND A VERTICAL DIMENSION OF 9 INCHES, DIAMOND GRADE.
2. STREET SIGNS SHALL BE COMPLETELY REFLECTORIZED ON A DOUBLE FACE FLAT BLADE SIGN, SINGLE FACE, BOLT THROUGH (IN RURAL LOCATIONS).
3. STREET SIGN SHALL BE ANODIZED ALUMINUM WITH A THICKNESS OF .080 INCHES.
4. THE LEGEND FOR STREET SIGNS SHALL BE WHITE LETTERS ON A GREEN BACKGROUND.
5. STREET SIGN POSTS SHALL BE LONG ENOUGH TO PROVIDE A MINIMUM HEIGHT OF 7 FEET FROM THE BASE OF THE POST TO THE BOTTOM OF THE LOWER SIGN, AN OVERALL MAXIMUM HEIGHT OF 10 FEET AND 30 INCHES EMBEDMENT IN THE GROUND.
6. POSTS SHALL BE GALVANIZED, EXTRA STRONG, 2" SQUARE PERFORATED TUBE AND 12 GAUGE.
B. INSTALLATION
THE INSTALLATION OF STREET SIGNS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
1. POSTS SHALL BE DRIVEN INTO THE GROUND TO A DEPTH OF 30 INCHES AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER AND DIRECTOR. NO CONCRETE SHALL BE USED.
SECTION 81 MONUMENTS.--MONUMENTS SHALL CONFORM TO THE REQUIREMENTS IN SECTION 81, "MONUMENTS," OF THE STANDARD SPECIFICATIONS, STANDARD DRAWINGS AND THESE SPECIAL PROVISIONS.
SECTION 84 TRAFFIC STRIPES AND PAVEMENT MARKINGS.--TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS IN SECTION 84, "TRAFFIC STRIPES AND PAVEMENT MARKINGS," OF THE STANDARD SPECIFICATIONS.

10/6/06

NOTES:

- 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.
- 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 STATE:
PRIOR TO OPENING AN EXCAVATION, EFFORTS SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION 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.
- THE 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.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE AND SURROUNDING AREAS RESULTING FROM OPERATIONS PRIOR TO ACCEPTANCE OF HIS WORK.
- DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN THE INTENSITY 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.
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY FOR ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNERS, SAN JOAQUIN COUNTY AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- 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 TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), MUTCD CALIFORNIA SUPPLEMENT, CALTRANS TRAFFIC MANUAL AND S.J. COUNTY STANDARDS AND AS SHOWN ON THE PLANS.
- DRAINAGE FACILITIES SHALL BE MAINTAINED DURING PERIODS OF INCLEMENT WEATHER AND RESTORED TO THEIR ORIGINAL CONDITIONS UPON COMPLETION OF THE WORK.
- CONTRACTOR SHALL VERIFY ALL STREET NAMES WITH THE COMMUNITY DEVELOPMENT DEPARTMENT BEFORE ORDERING STREET SIGNS.
- 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.
- A STATE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION PERMIT NOTICE OF INTENT (NOI) SHALL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD IF OVER ONE (1) ACRE OF TOTAL GROUND IS DISTURBED.

STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS:

- SECTION 3-4 GUARANTEE
THE COMPLETED PROJECT, INCLUDING ALL WORK, MATERIAL, 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 3-5 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 AND APPROVED PRIOR TO PROCEEDING TO THE SUBSEQUENT PHASES.
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 PURPOSES.
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. THE COST OF RE-TESTS THAT ARE THE RESULT OF THE CONTRACTOR'S FAILURE TO COMPACT THESE AREAS AS REQUIRED WILL BE BORNE BY THE CONTRACTOR.
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 3-6 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. WITHIN TEN (10) DAYS AFTER RECEIVING THE REQUEST FOR FINAL INSPECTION, THE DIRECTOR SHALL INSPECT THE WORK. THE DEVELOPER, OR HIS AUTHORIZED REPRESENTATIVE, WILL BE NOTIFIED IN WRITING AS TO ANY PARTICULAR DEFECTS OR DEFICIENCIES TO BE REMEDIED. THE CONTRACTOR SHALL PROCEED TO CORRECT ANY SUCH DEFECTS OR DEFICIENCIES AT THE EARLIEST POSSIBLE DATE. AT SUCH TIME, AS THE WORK HAS BEEN COMPLETED, A SECOND INSPECTION SHALL BE MADE BY THE DIRECTOR TO DETERMINE IF THE PREVIOUSLY MENTIONED DEFECTS HAVE BEEN REPAIRED, ALTERED AND COMPLETED IN ACCORDANCE WITH THESE STANDARDS AND SPECIFICATIONS.
- 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 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 DRAWINGS" STAMP AND PEN WITH RED INK, IF REQUESTED.
- SECTION 7 ALTERNATE A
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 PROVISIONS. CONSTRUCTION AREA TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE CURRENT MANUAL OF TRAFFIC CONTROLS (CALTRANS) AND SUPPLEMENTED 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 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.
- SECTION 17 WATERING.--WATERING SHALL CONFORM TO THE REQUIREMENTS IN SECTION 17, "WATERING," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.
WATER FOR USE ON THIS PROJECT SHALL BE NONPOTABLE WATER UNLESS OTHERWISE APPROVED BY THE COUNTY IN WRITING FOR USE OF POTABLE WATER AND SHALL BE FURNISHED AND APPLIED AS REQUIRED IN THE SPECIFICATIONS.
THE CONTRACTOR SHALL ADVISE THE COUNTY IN WRITING OF INTENDED SOURCE(S) TO BE USED, PRIOR TO STARTING WORK ON THE PROJECT. NONPOTABLE WATER SUPPLY, TANKS, PIPES AND ANY OTHER CONVEYANCES OF NONPOTABLE WATER SHALL BE CLEARLY AND DISTINCTLY LABELED.
- SECTION 19 ALTERNATE A
EARTHWORK.--EARTHWORK SHALL CONFORM TO THE REQUIREMENTS IN SECTION 19, "EARTHWORK," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.
ALL RELATIVE COMPACTION REQUIREMENTS OF SECTION 19-5, "COMPACTION," OF THE STANDARD SPECIFICATIONS, SHALL BE NOT LESS THAN 95 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 DISPOSED 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
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 ITS 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 BOARD OF SUPERVISORS.

LEGEND:

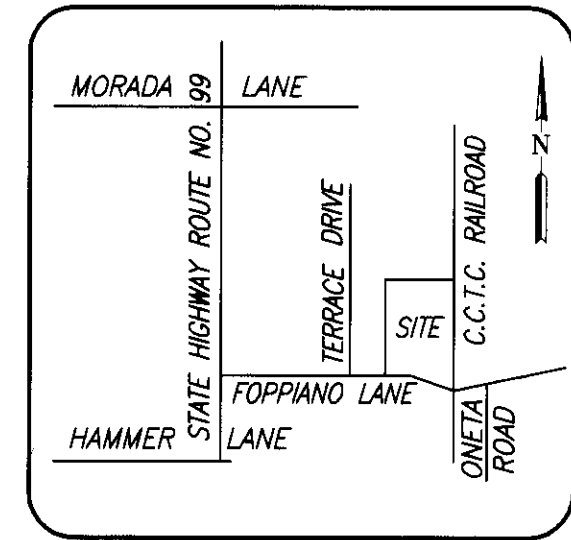
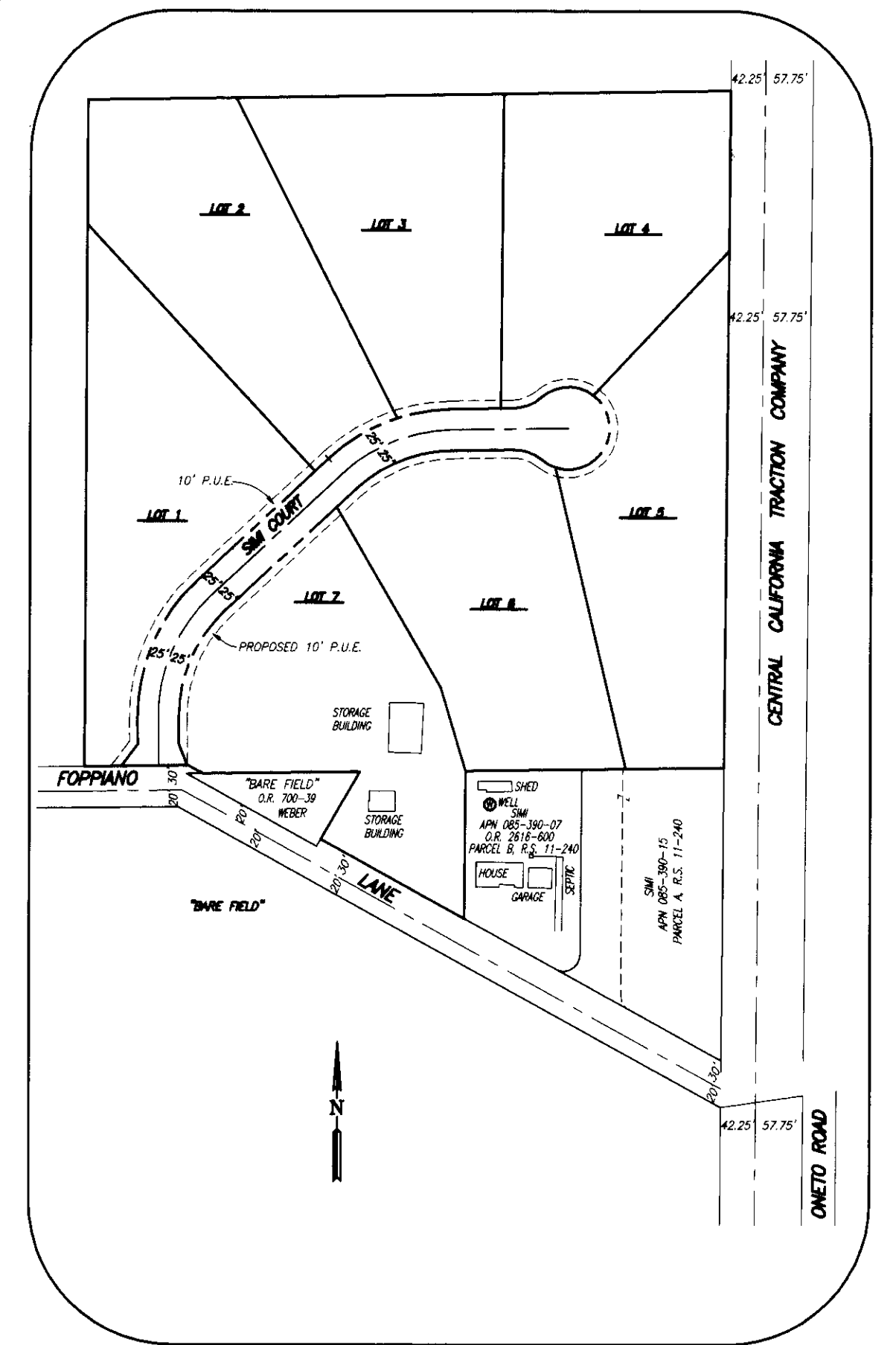
- P.U.E. PUBLIC UTILITY EASEMENT
M. & P. MAPS AND PLATS
S.J.C.R. SAN JOAQUIN COUNTY RECORDS
UTILITY POLE
GUY WIRE
S.J.C. STD. DWG. SAN JOAQUIN COUNTY STANDARD DRAWING NUMBER
MONUMENT FRAME & COVER TO BE INSTALLED (SEE DETAIL B SHEET 3)
DETAIL/SHEET NO.
(E) EXISTING

UTILITY PROVISIONS:

- STORM DRAINAGE: SWALES & RETENTION BASIN
WATER: PRIVATE WELLS
SANITARY: PRIVATE SEPTIC SYSTEM
GAS: PG&E
ELECTRIC: PG&E
TELEPHONE: SBC

APPROVED BY: WATERLOO-MORADA FIRE DISTRICT

Steve Dalton SIGNATURE
10-17-2005 DATE



SHEET INDEX	
SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2.	PLAN & PROFILE SIMI COURT STA. 0+00-7+59.90
3.	DETAIL SHEET WITH TYPICAL ROAD SECTION GRADING PLAN
4.	

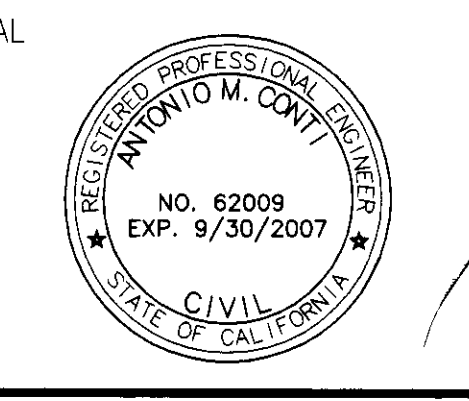
CONSTRUCTION NOTES:

- 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 IMPROVEMENTS.
- 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.
- THE CONTRACTOR SHALL PROVIDE OWN CONSTRUCTION WATER.
- CONTRACTOR SHALL CLEAR AND GRUB BY DISKING AND THEN ROUGH GRADE ALL LOTS SMOOTH.
- 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.

BENCHMARK:
SAN JOAQUIN COUNTY BRASS CAP SET IN CONCRETE CYLINDER LOCATED AT THE INTERSECTION OF FOPPIANO LANE AND ONETO ROAD DESIGNATED AS S.J.Co. BM R-19.2 HAVING AN ELEVATION OF 37.56', NGVD 29.

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS

APPROVED: *Muell* DATE: 10/21/05
SENIOR CIVIL ENGINEER
No. 62009
EXP. 9/30/2007
DATE: 06/25/06
DIRECTOR OF PUBLIC WORKS
COUNTY OF SAN JOAQUIN



ANTONIO M. CONTI - CIVIL ENGINEER
P.O. BOX 1396
WOODBRIDGE, CALIFORNIA 95258
PHONE (209) 476-0970
DATE: 10/16/05
R.C.E. NO: 62009
EXP. DATE: 9/30/2007

JOB NO. 04005
DATE 07/08/05
DESIGN SJG
DRAWN SJG
CHECKED AMC

TITLE SHEET
SIMI ESTATES
SAN JOAQUIN COUNTY, CA

SHEET
1
OF 4 SHEETS