

**STORM WATER POLLUTION PREVENTION PLAN**

WITH THE EXCEPTION OF PROPERLY DESILTED AND PH NEUTRALIZED WATER FROM SITE DEWATERING, THE CONTRACTOR SHALL NOT DISCHARGE ANY MATERIAL AND/OR LIQUIDS TO THE STORM DRAINAGE SYSTEM. ACTIVITIES OF PARTICULAR CONCERN ARE:

- A. CONTRACTOR SHALL DESIGNATE A CONCRETE TRUCK CLEAN-OUT AREA. THE 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.

**TEMPORARY STABILIZED CONSTRUCTION ENTRANCE**

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS WILL BE REMOVED IMMEDIATELY. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS.

**TEMPORARY STRAW/FIBER DIKE AROUND INLETS**

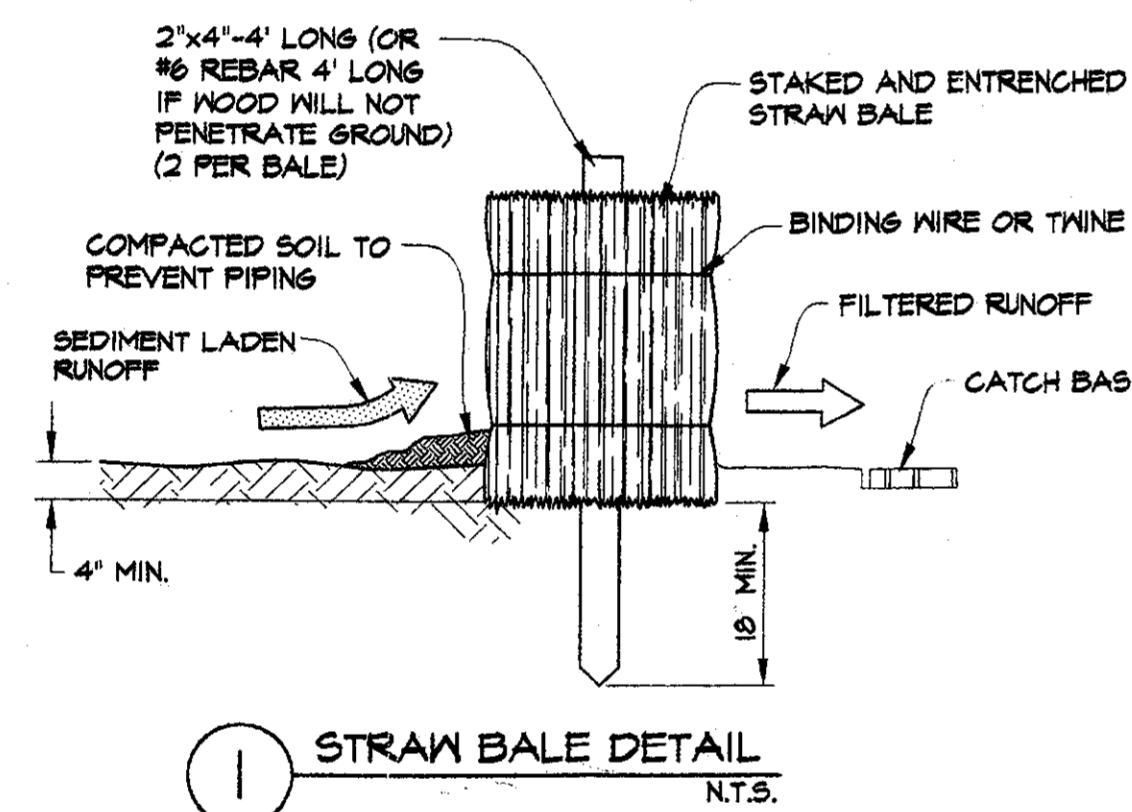
- 1. BALES SHALL BE PLACED WITH ENDS TIGHTLY ABUTTING AROUND INLETS.
- 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL 4 INCHES IF IT IS INSTALLED OVER SOIL.
- 3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY TWO STAKES OF REBARS DRIVEN THROUGH THE BALES IF INSTALLED OVER SOIL. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER.
- 4. THE DIKE SHALL BE INSPECTED AFTER EACH STORM AND REPAIRS OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR PURPOSE SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

**GRAVEL AND WIRE MESH FILTER**

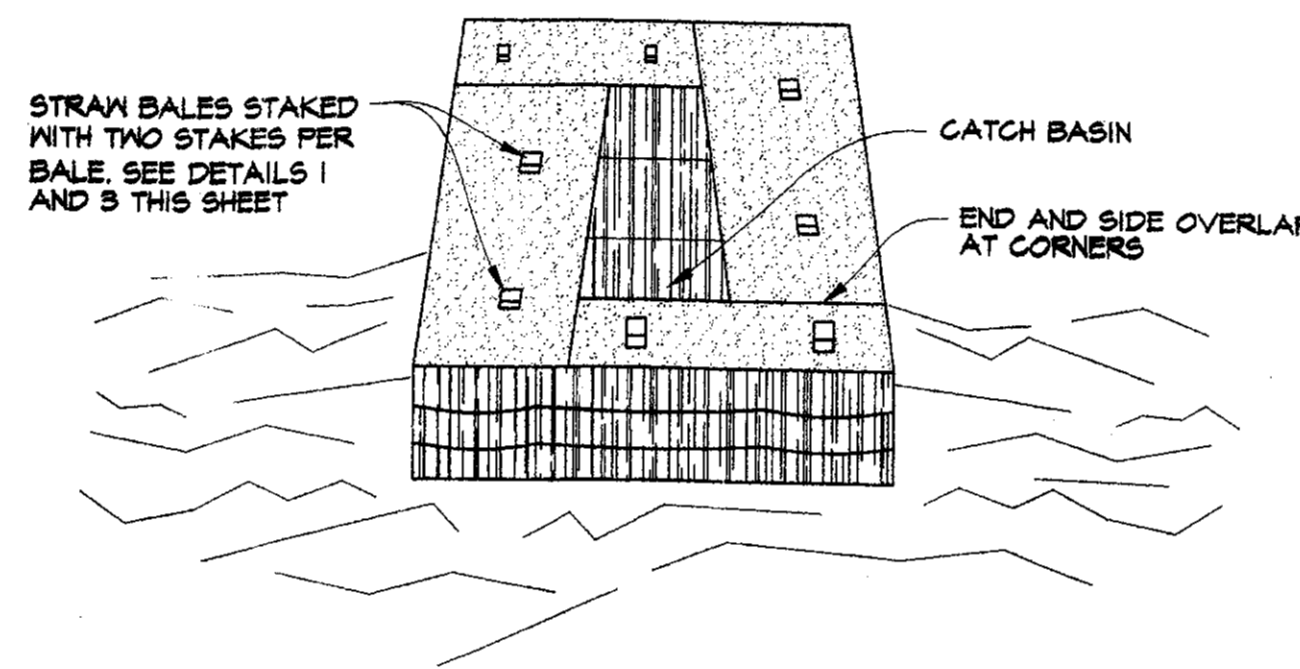
- 1. PLACE A WIRE MESH OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. IF MORE THAN ONE STRIP IS NECESSARY, OVERLAP THE STRIPS. PLACE FILTER FABRIC OVER WIRE MESH.
- 2. PLACE 3/4 TO 3 INCH GRAVEL OVER THE FILTER FABRIC/WIRE MESH. THE DEPTH OF THE GRAVEL SHOULD BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING.

**GENERAL:**

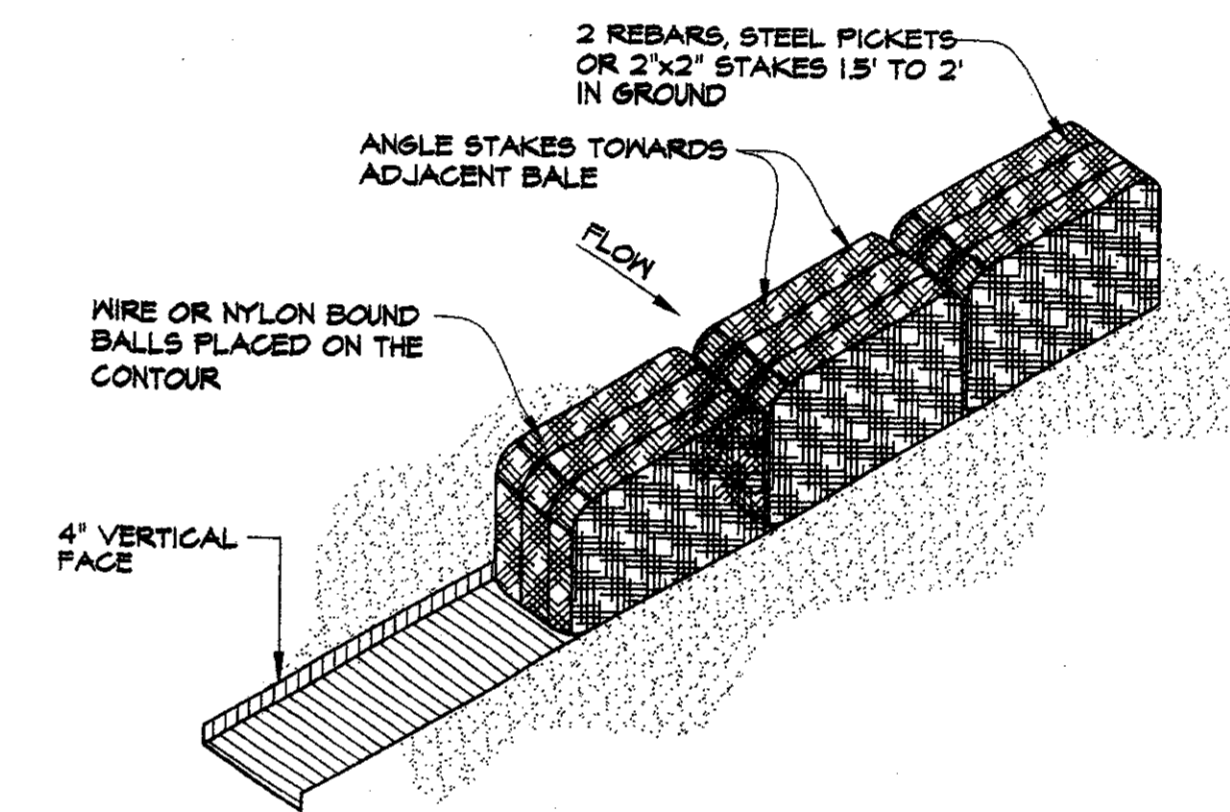
- 1. A CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE CONSTRUCTION ENTRANCE.
  - 2. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN TO MEET FIELD CONDITIONS SHALL BE MADE ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE LOCAL AGENCY 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.
- FOR ADDITIONAL/ALTERNATE MEASURES SEE THE FOLLOWING:  
 ABAS-ASSOCIATION OF BAY AREA GOVERNMENTS, MANUAL OF STANDARDS, EROSION & SEDIMENT CONTROL  
 CA, RINQCB, FIELD MANUAL, EROSION & SEDIMENT CONTROL  
 COUNTY OF SACRAMENTO, EROSION AND SEDIMENT CONTROL GUIDELINES, NOV. 2000  
 MODEL STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION ACTIVITIES, CITY OF STOCKTON



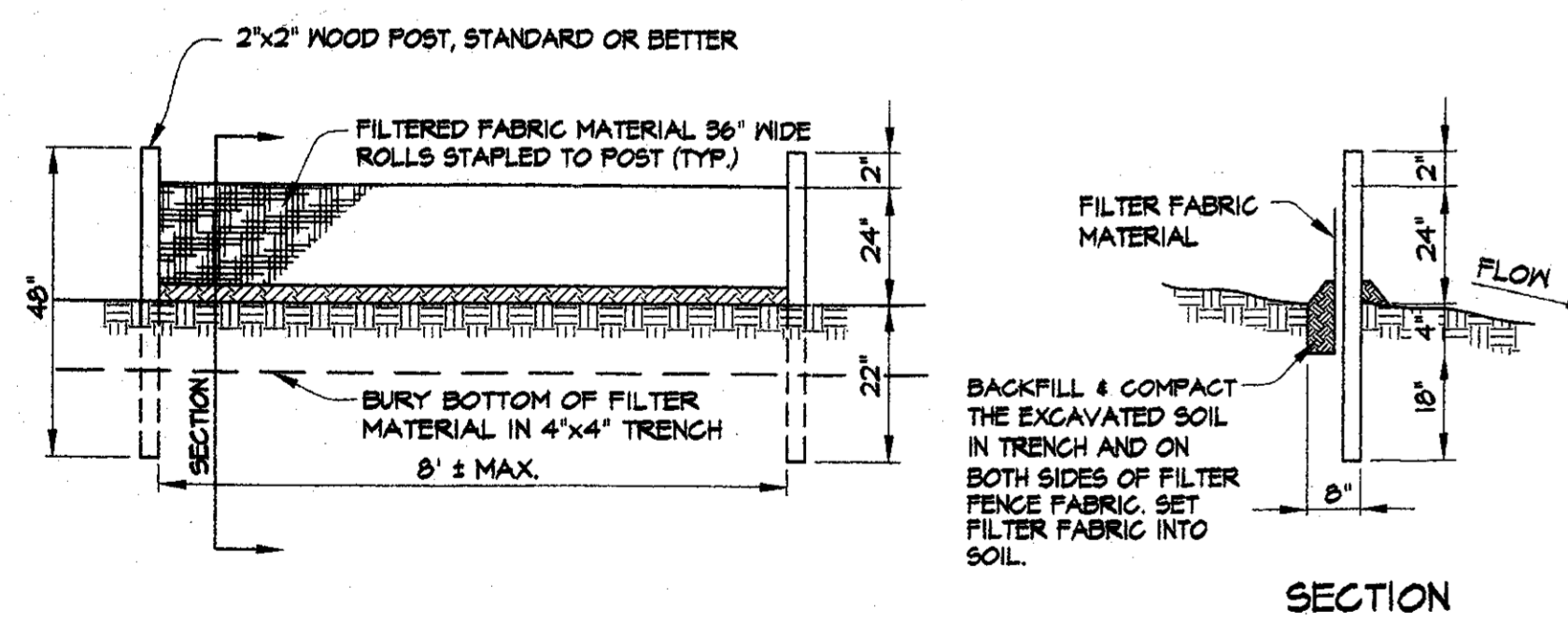
1 STRAW BALE DETAIL N.T.S.



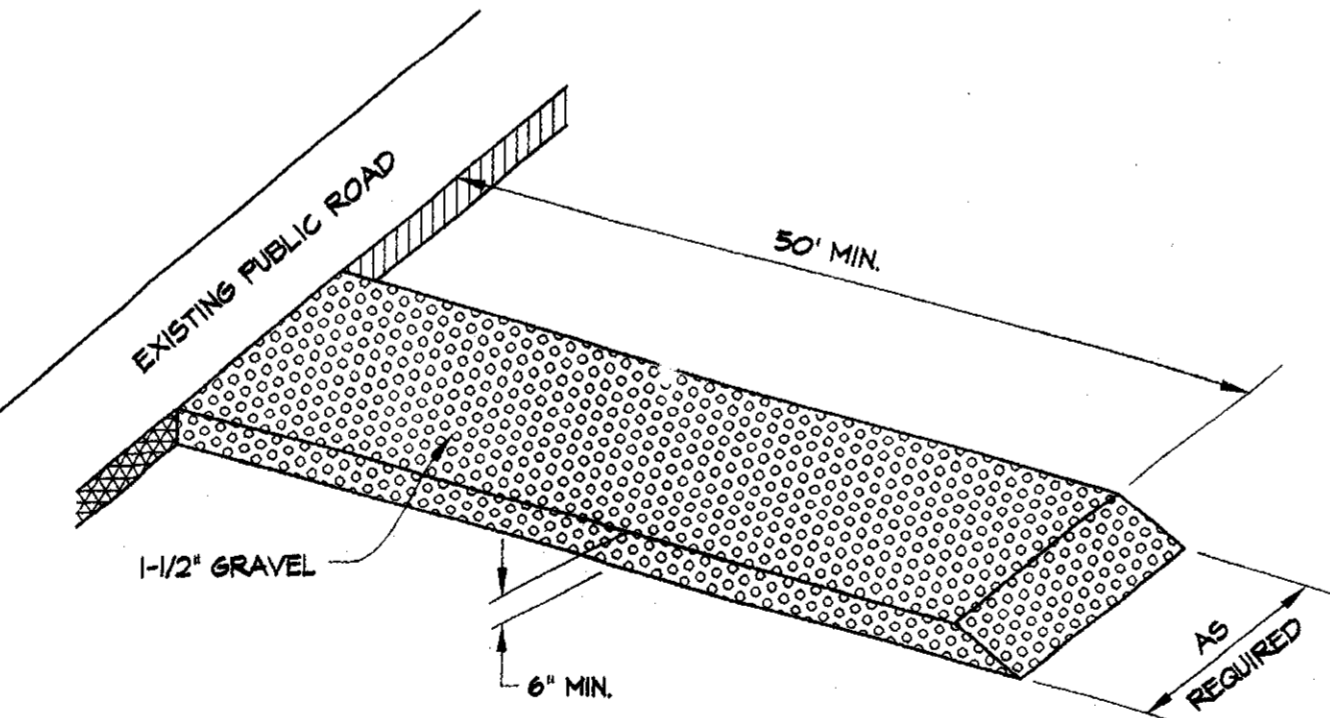
2 STRAW BALE CATCH BASIN SEDIMENT BARRIER N.T.S.



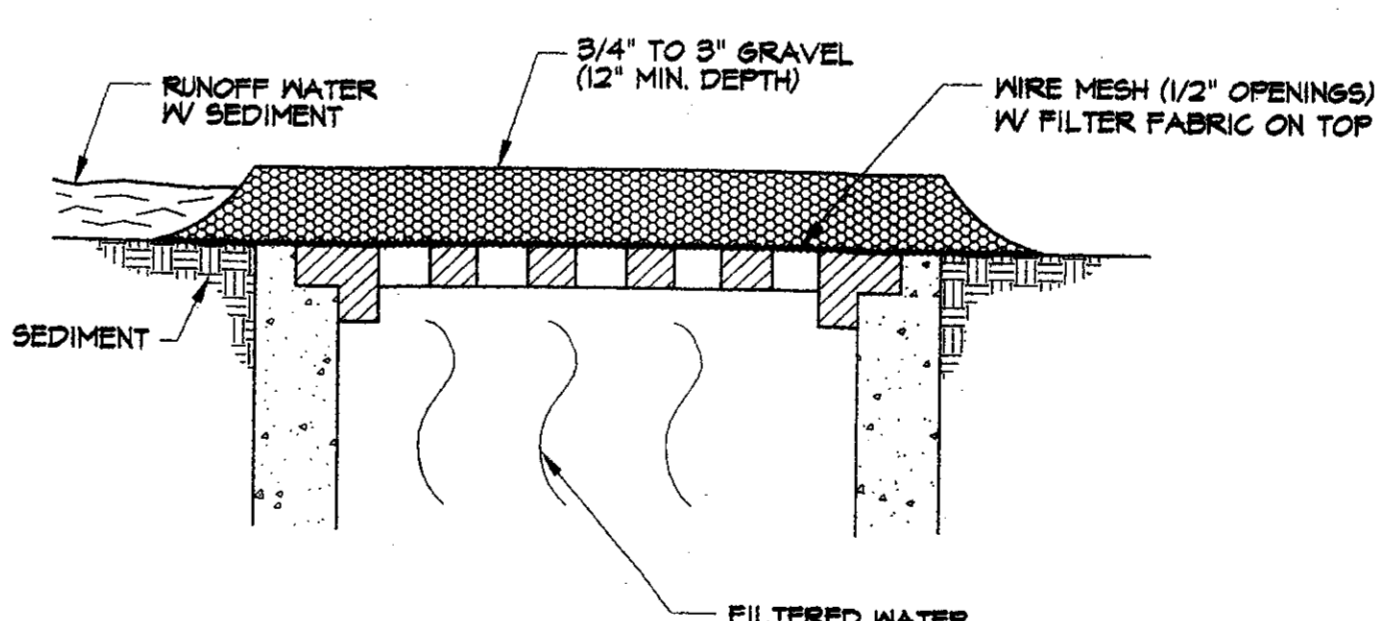
3 STRAW BALE OR FIBER ROLLS DIKE DETAIL N.T.S.



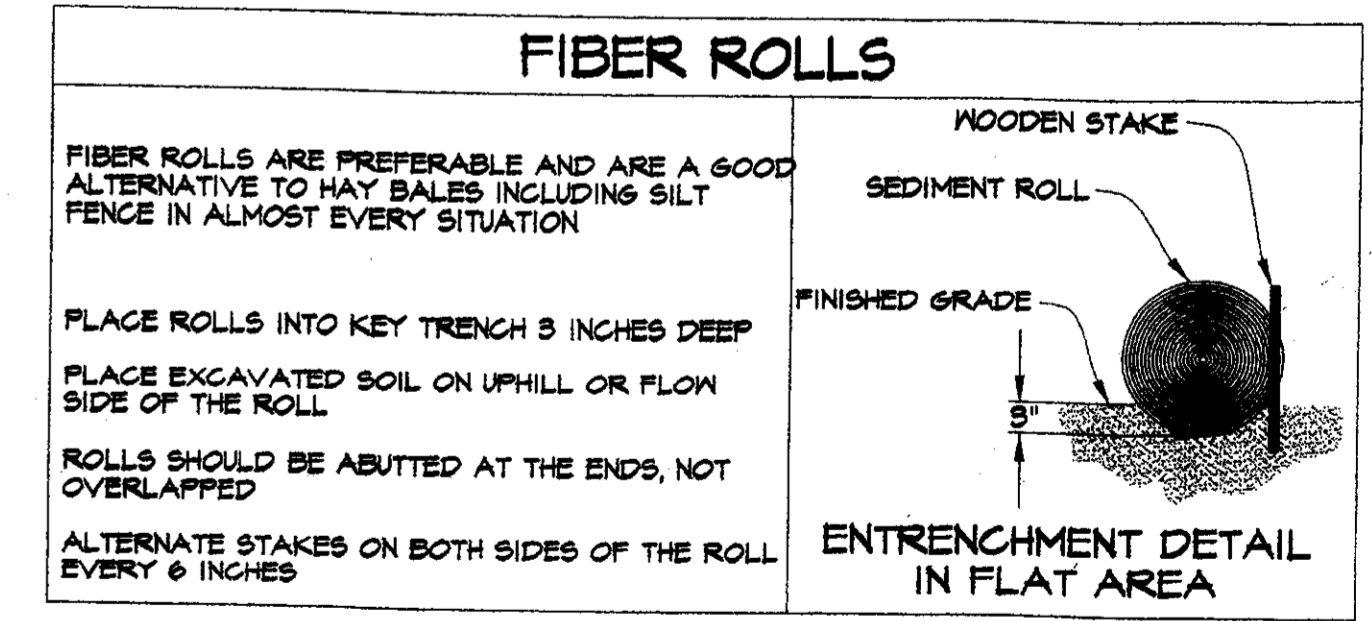
4 SILT FENCE DETAIL N.T.S.



5 GRAVEL CONSTRUCTION ENTRANCE N.T.S.



6 GRAVEL AND WIRE MESH FILTER FOR DROP INLET N.T.S.



7 FIBER ROLLS N.T.S.

REVISIONS			
NO.	DESCRIPTION	DATE	BY

JOB NO.: 98354FZ1P4  
 DATE: \_\_\_\_\_  
 SCALE HORIZ.: \_\_\_\_\_  
 SCALE VERT.: \_\_\_\_\_  
 DRAWN: KD  
 DESIGN: EFS  
 CHECK: EFS

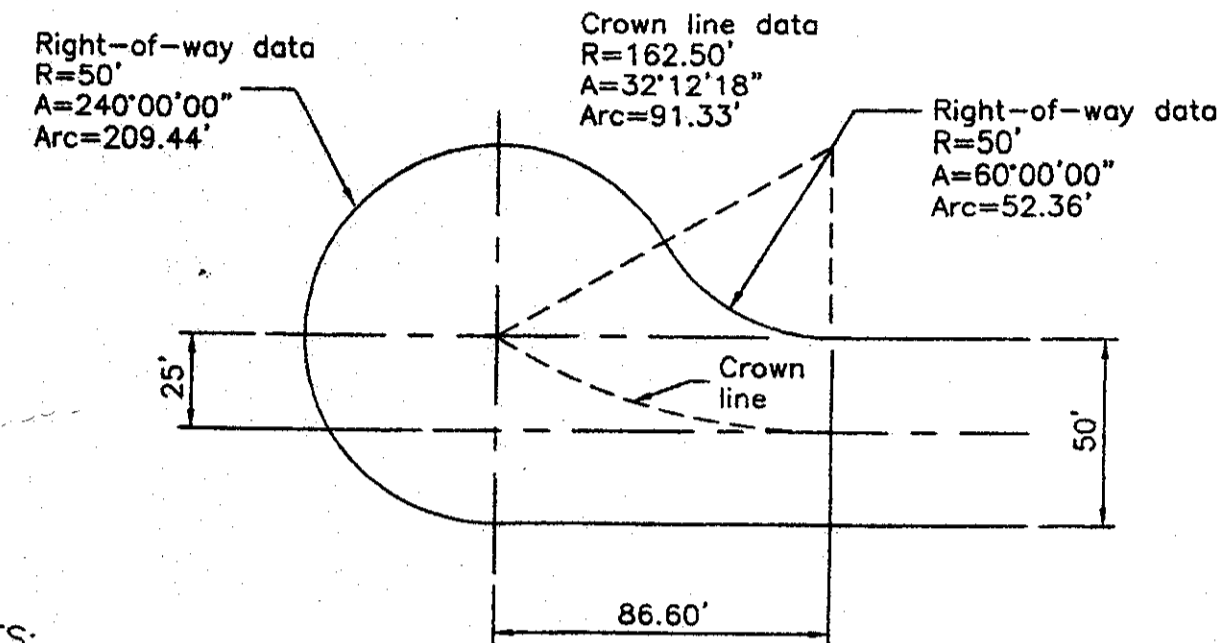
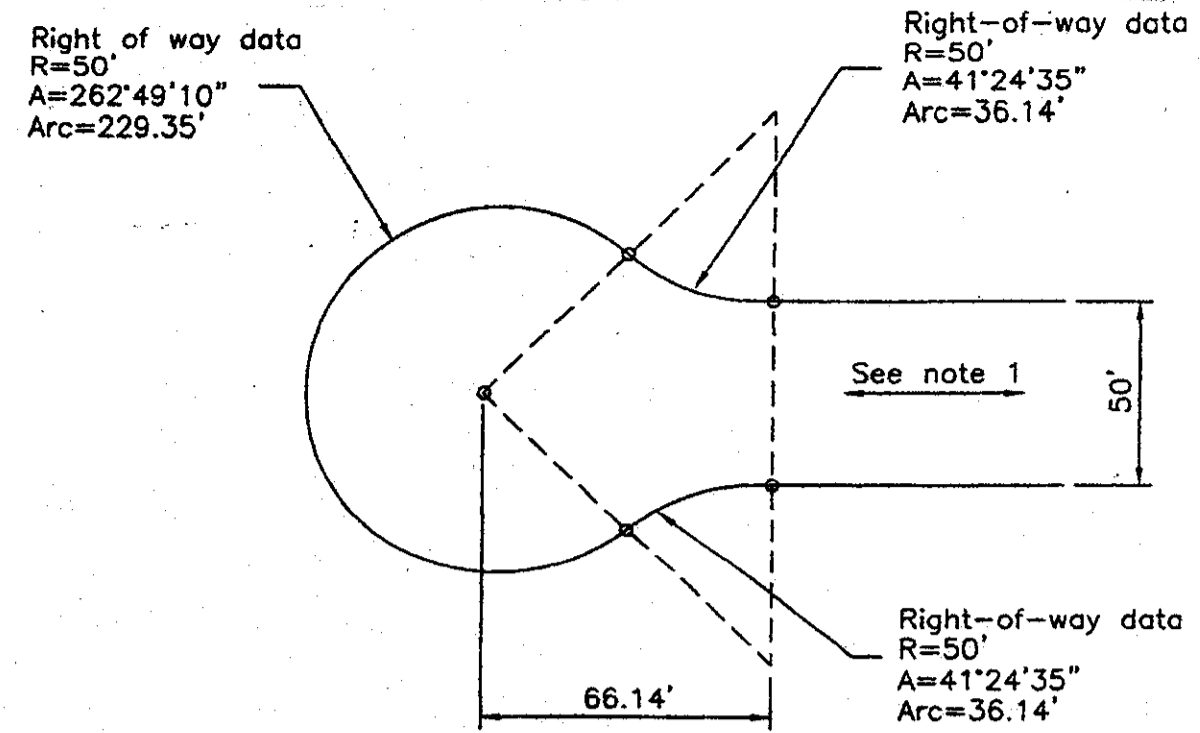


**EARNEST F. SMITH - CIVIL ENGINEER**  
 5355 SOLARI RANCH ROAD  
 STOCKTON, CALIFORNIA 95215  
 PHONE (209) 931-1375  
 DATE: 5-10-02  
 R.C.E. NO.: 15372  
 EXP. DATE: 3-31-05  
 E. F. SMITH, DESIGN ENGINEER

**DANAE LANE & VALLEY CREST RD.**  
 IMPROVEMENTS  
 EROSION CONTROL DETAILS & NOTES

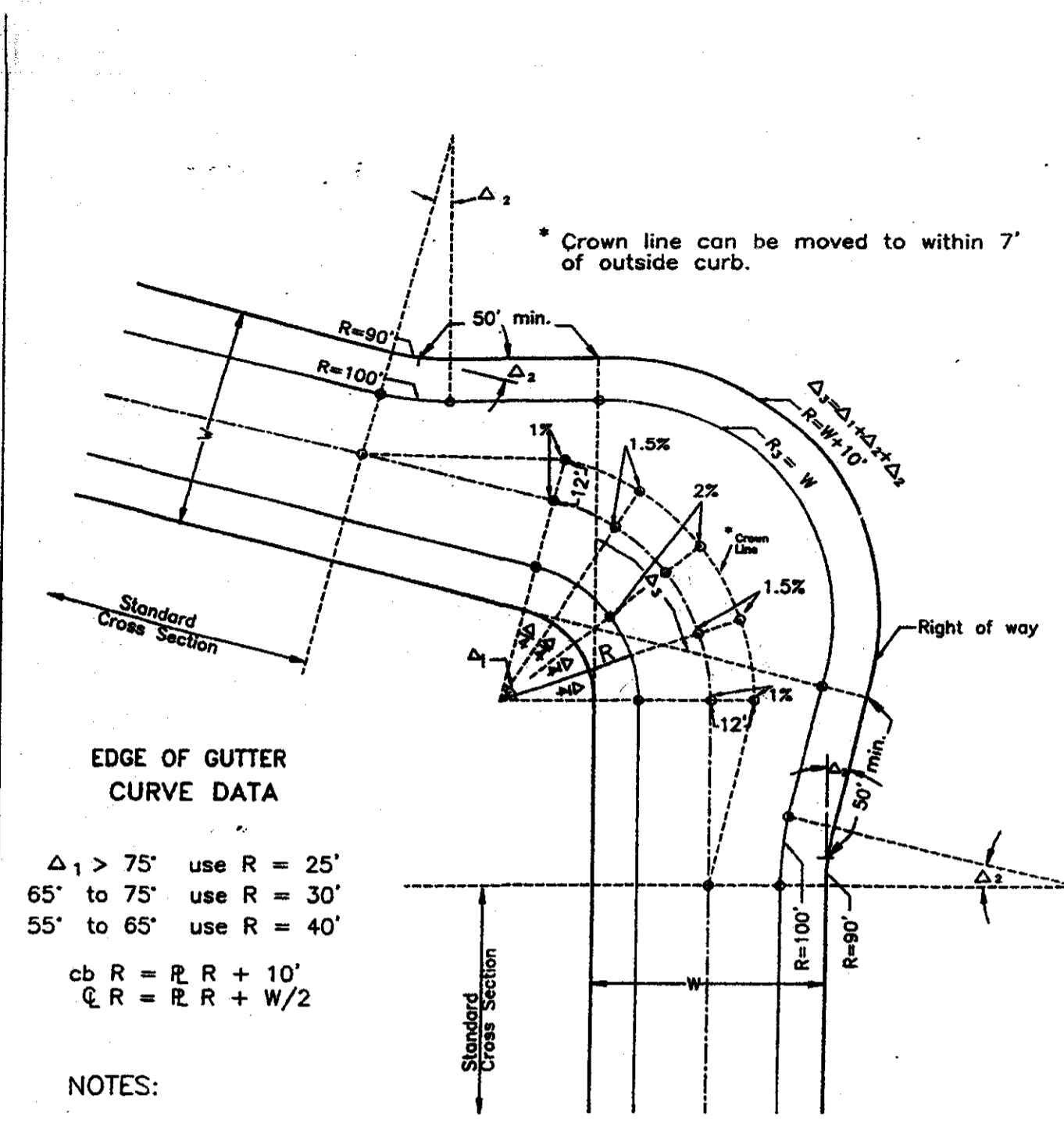
SHEET 8  
 OF 8  
 FILE NO.

SU 3030



NOTES:  
 1. Cul-de-sacs: Except where special circumstances of design are apparent, cul-de-sacs shall not be more than 660' nor less than 150' in length and shall terminate with a turn-around with a radius of not less than fifty feet (50').  
 2. Bulb may be offset to either side.  
 3. All facilities (curb, gutter, sidewalk, AC dike, and edge of pavement) shall be equidistant to the property line.

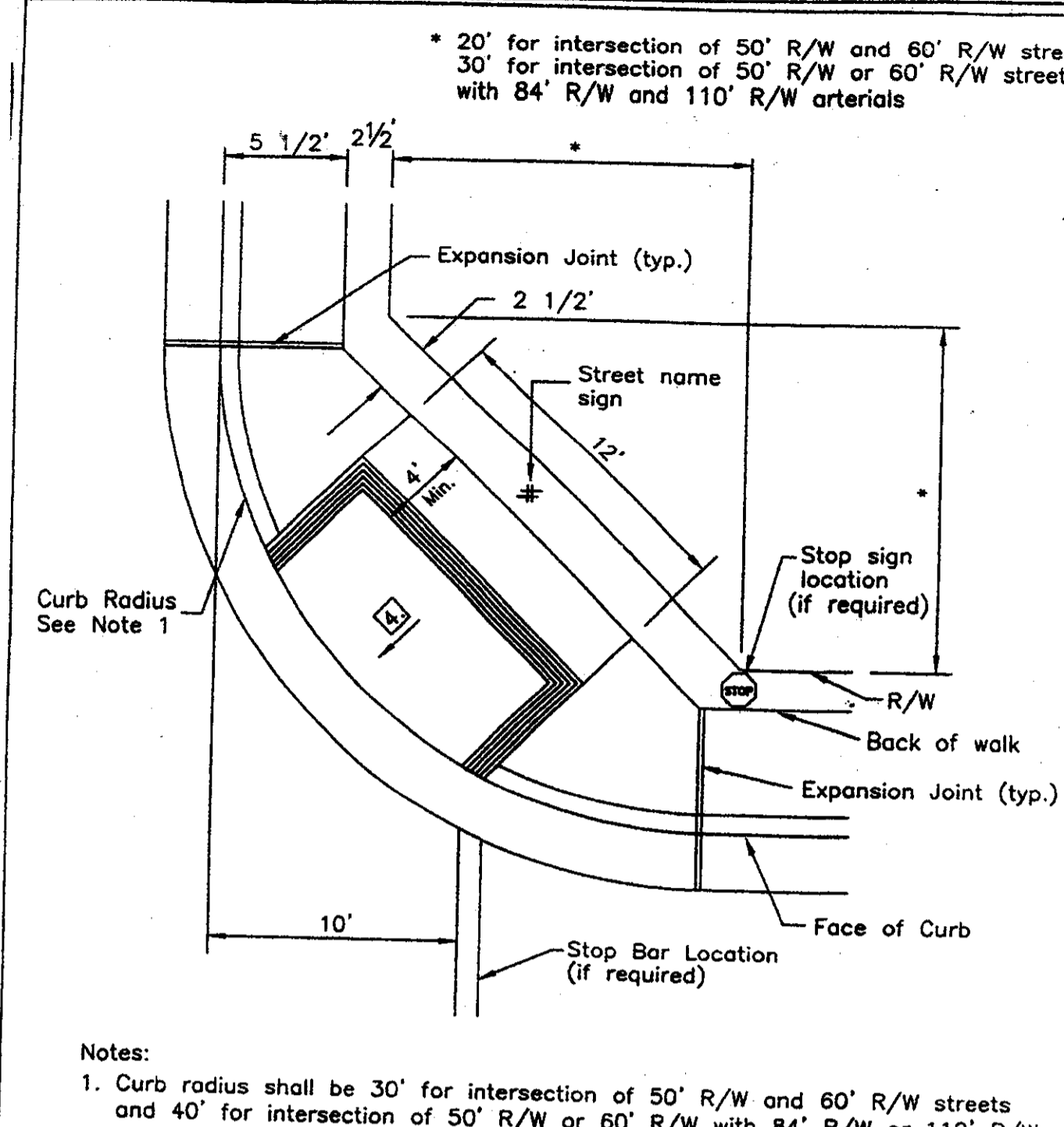
No.	Revised	By	Approved by
1	Feb. 1996	PD	<i>Henry M. Thrata</i>
Drawn by: JLD			
Checked by: JLD			
Scale: NONE			
<b>TURNAROUND FOR RESIDENTIAL CUL-DE-SAC STREETS</b>			
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS			
Date: JUNE 1997		Drawing No. R-18	



EDGE OF GUTTER CURVE DATA  
 $\Delta_1 > 75'$  use  $R = 25'$   
 $65'$  to  $75'$  use  $R = 30'$   
 $55'$  to  $65'$  use  $R = 40'$   
 $cb R = R + 10'$   
 $C.R. = R + W/2$

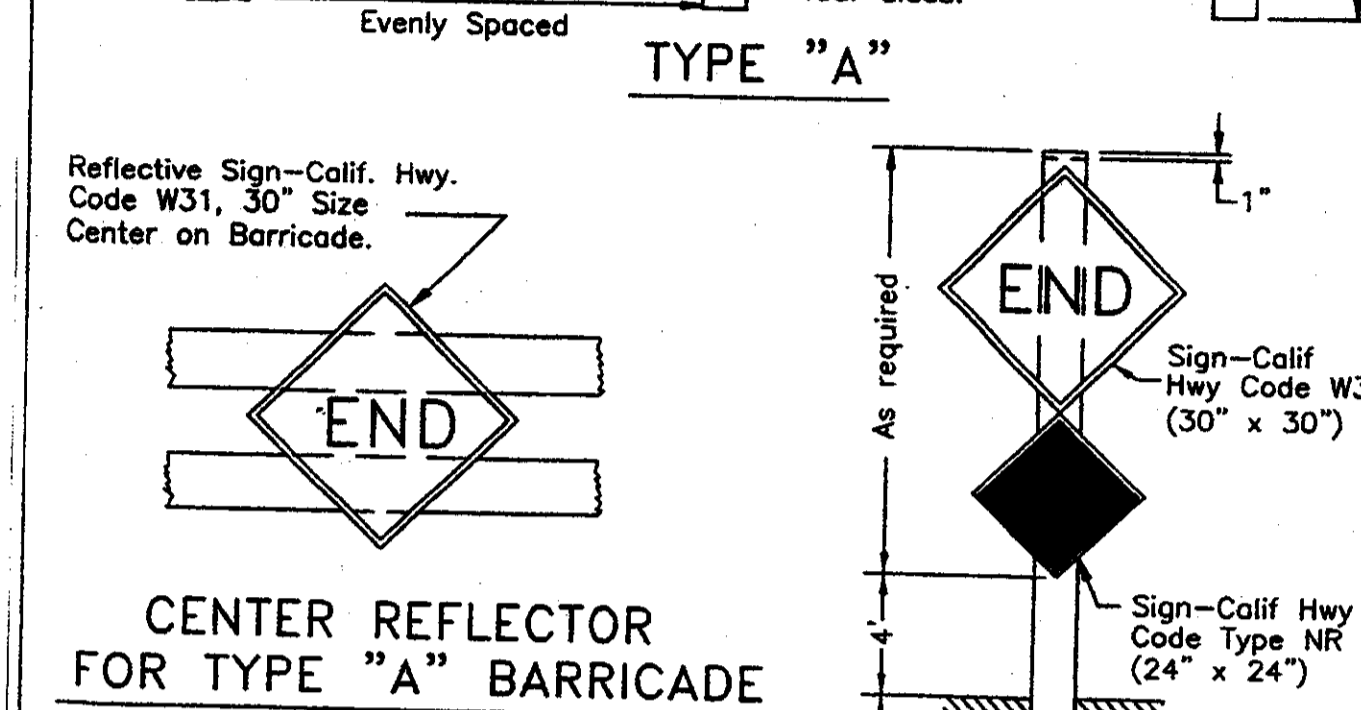
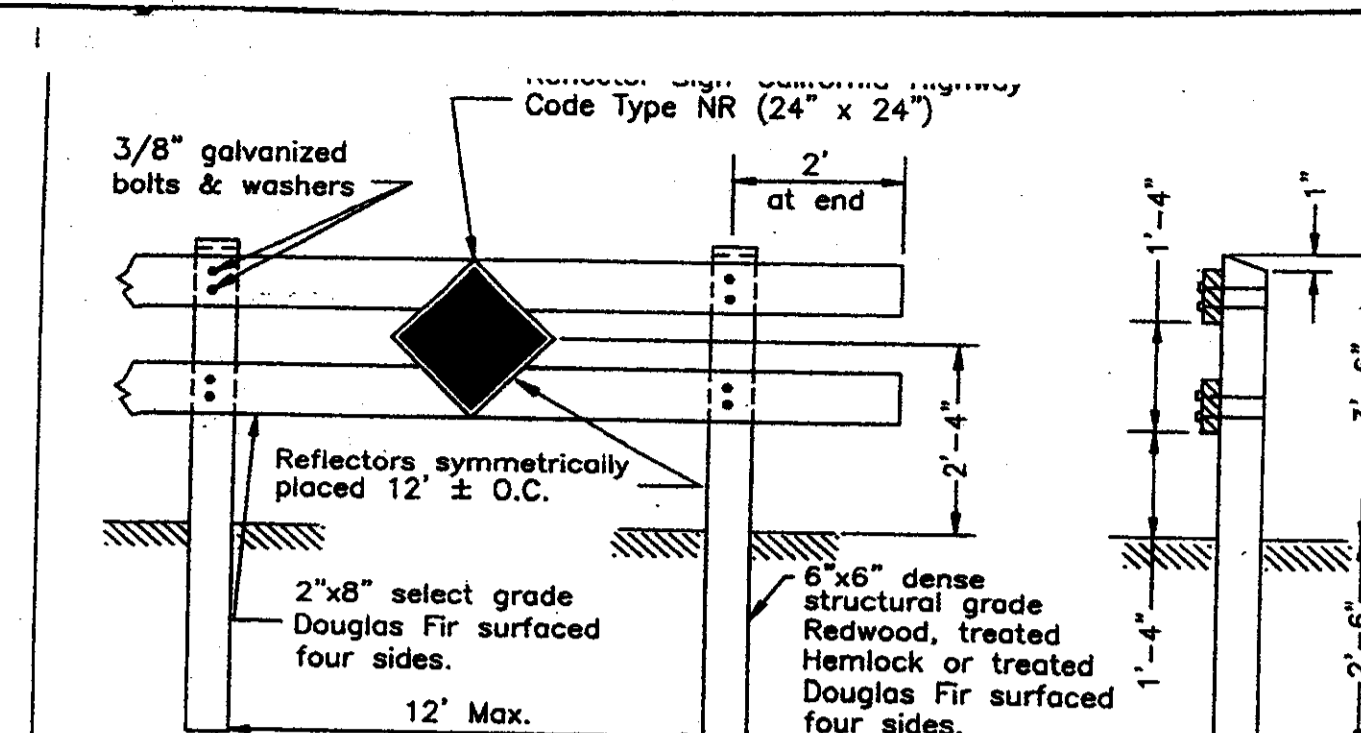
NOTES:  
 1. Elevations are required where circled.  
 2. Limits of slope, crown line to outside gutter, maximum = 3.8%; minimum = 1%.  
 3. All facilities (curb, gutter, sidewalk, AC dike, and edge of pavement) shall be equidistant to the right of way line.

No.	Revised	By	Approved by
1	Feb. 1996	PD	<i>Henry M. Thrata</i>
Drawn by: JLD			
Checked by: JLD			
Scale: NONE			
<b>SUPERELEVATED KNUCKLE</b>			
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS			
Date: JUNE 1997		Drawing No. R-19	



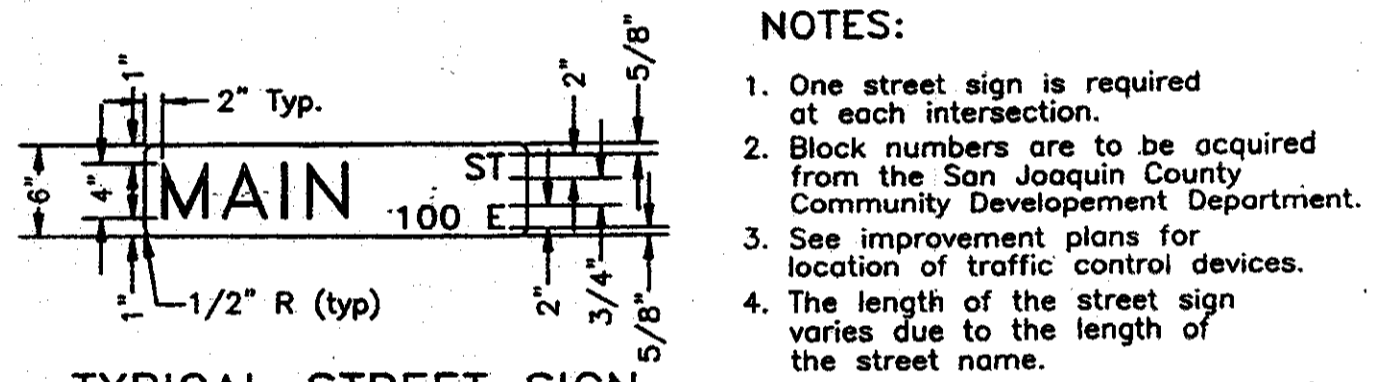
NOTES:  
 1. Curb radius shall be 30' for intersection of 50' R/W and 60' R/W streets and 40' for intersection of 50' R/W or 60' R/W with 84' R/W or 110' R/W arterials.  
 2. Catch basins, sign posts, utility poles or other obstructions are not to be located within the wheelchair path area.  
 3. See Standard Drawing No. CW-7, R-10, 11, 25 for curb, gutter & sidewalk, handicap ramp and sign details.  
 4. S=1:12 max., 1:15 min.

No.	Revised	By	Approved by
1	Feb. 1996	PD	<i>Henry M. Thrata</i>
Drawn by: JLD			
Checked by: JLD			
Scale: NONE			
<b>LOCAL CURB RETURN</b>			
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS			
Date: JUNE 1997		Drawing No. R-23	

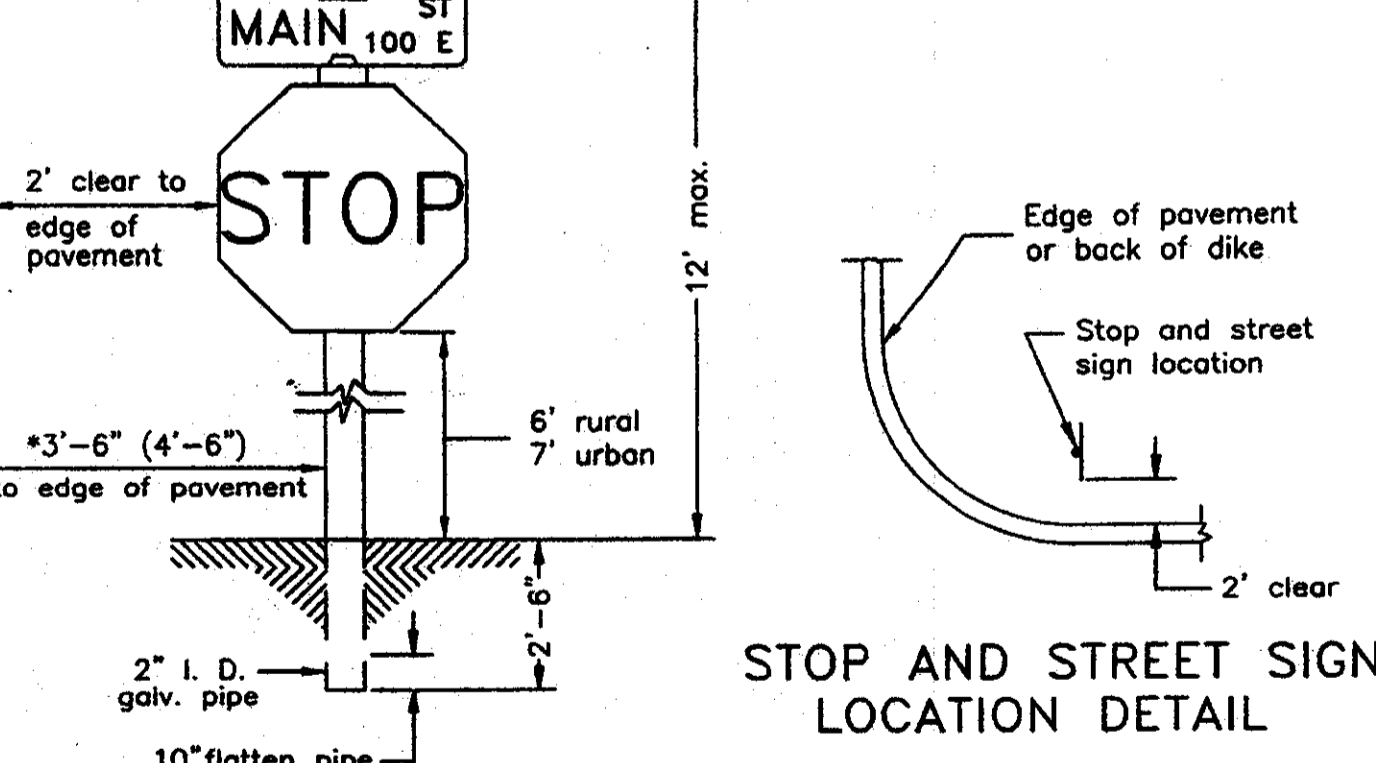


NOTES:  
 1. Barricades to be as wide as street R/W  
 2. Barricades to be painted white using 2 coats of "Exterior Alkyd Resin Hi-Gloss Enamel" over a compatible primer.

No.	Revised	By	Approved by
1	Feb. 1996	PD	<i>Henry M. Thrata</i>
Drawn by: JLD			
Checked by: JLD			
Scale: NONE			
<b>BARRICADES FOR TERMINATING STREETS</b>			
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS			
Date: JUNE 1997		Drawing No. R-24	

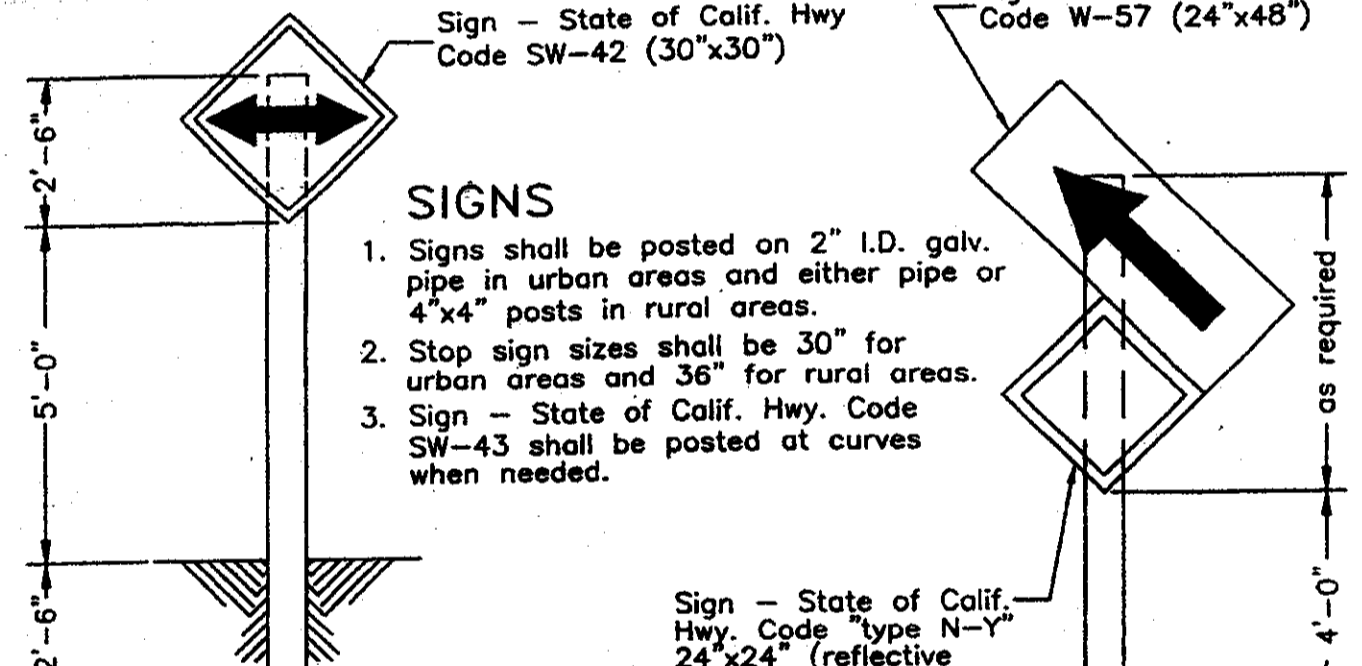


NOTES:  
 1. One street sign is required at each intersection.  
 2. Block numbers are to be acquired from the San Joaquin County Community Development Department.  
 3. See improvement plans for location of traffic control devices.  
 4. The length of the street sign varies due to the length of the street name.  
 5. See Standard Drawing No. R-23 for proposed sidewalk sign locations.  
 6. Stop signs shall be 30" for urban areas and for internal subdivision streets; 36" for rural areas and for streets which intersect County roadways, also to be preceded by a W17, 36" stop ahead sign with appropriate pavement markings.

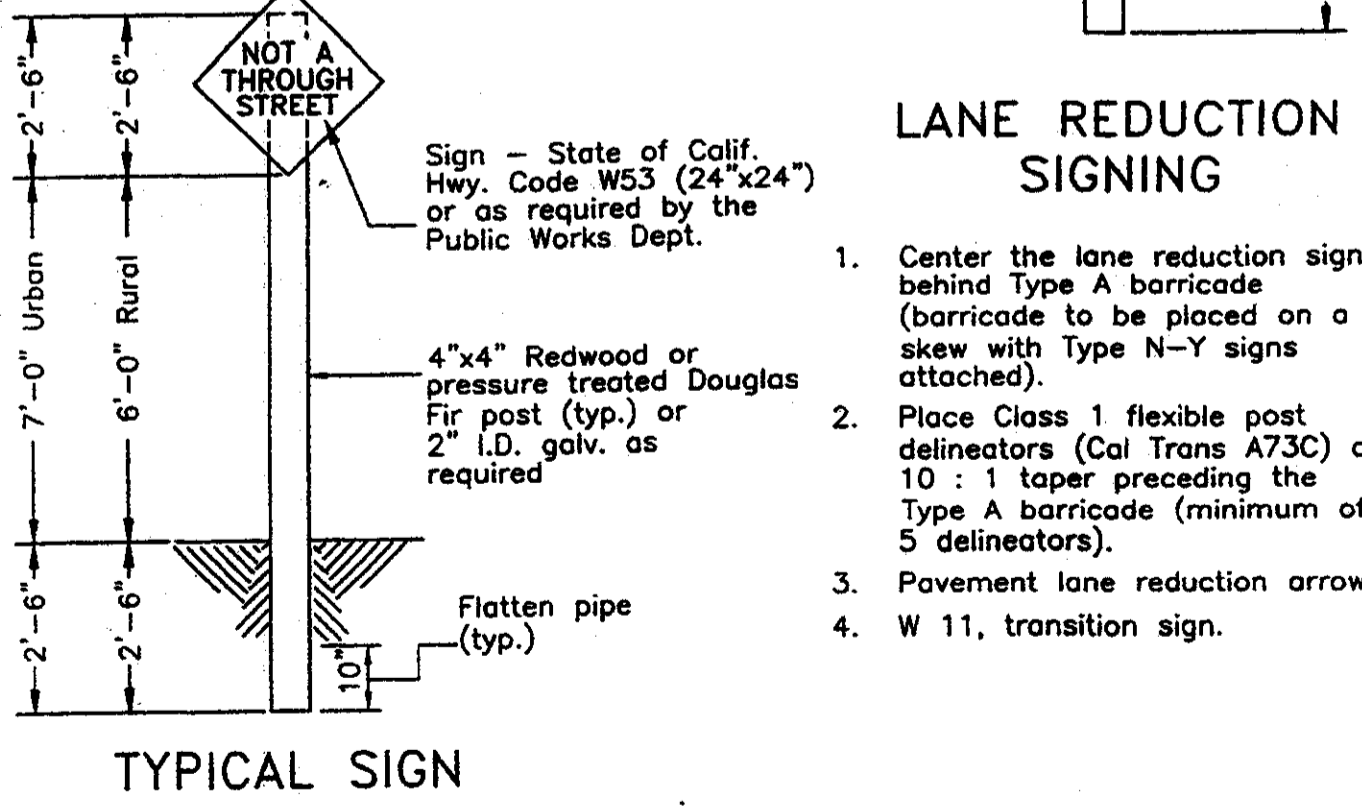


STOP AND STREET SIGN LOCATION DETAIL  
 \* In URBAN Locations 3'-6" or more to face of post  
 In RURAL Locations 4'-6" or more to face of post

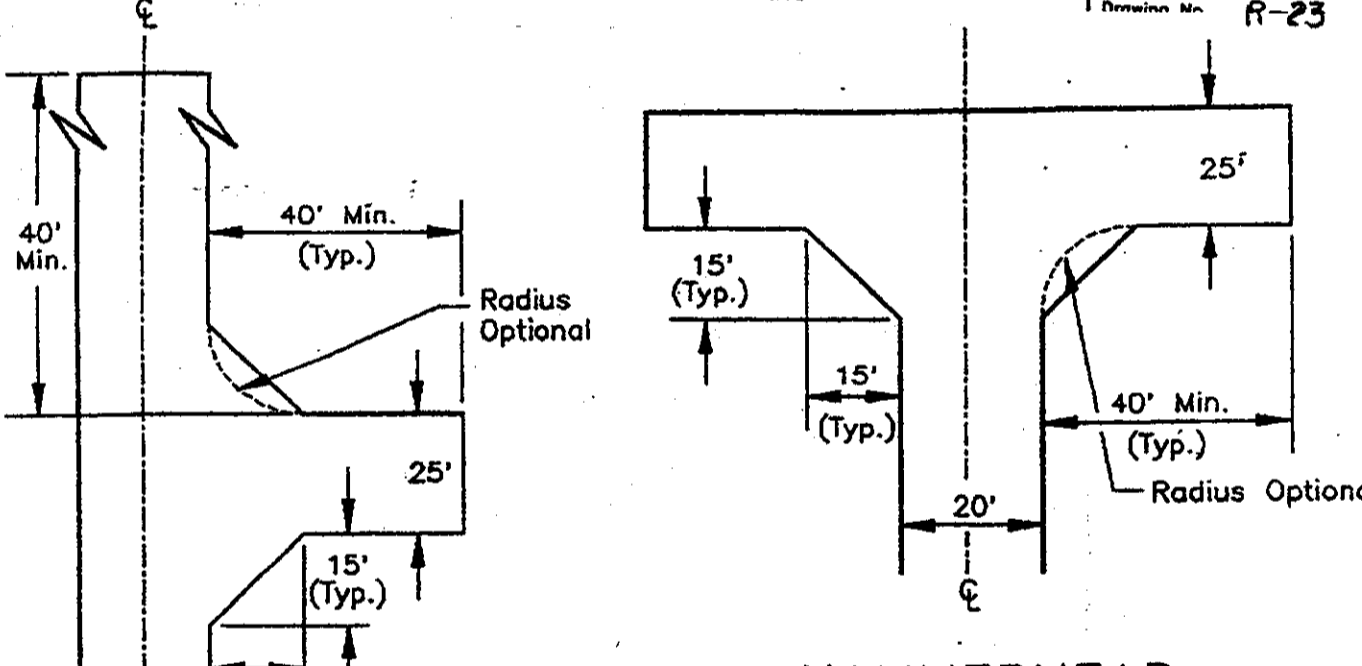
No.	Revised	By	Approved by
1	April 1997	TL	<i>Henry M. Thrata</i>
Drawn by: JLD			
Checked by: JLD			
Scale: NONE			
<b>STANDARD STREET SIGN DETAILS</b>			
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS			
Date: JUNE 1997		Drawing No. R-25	



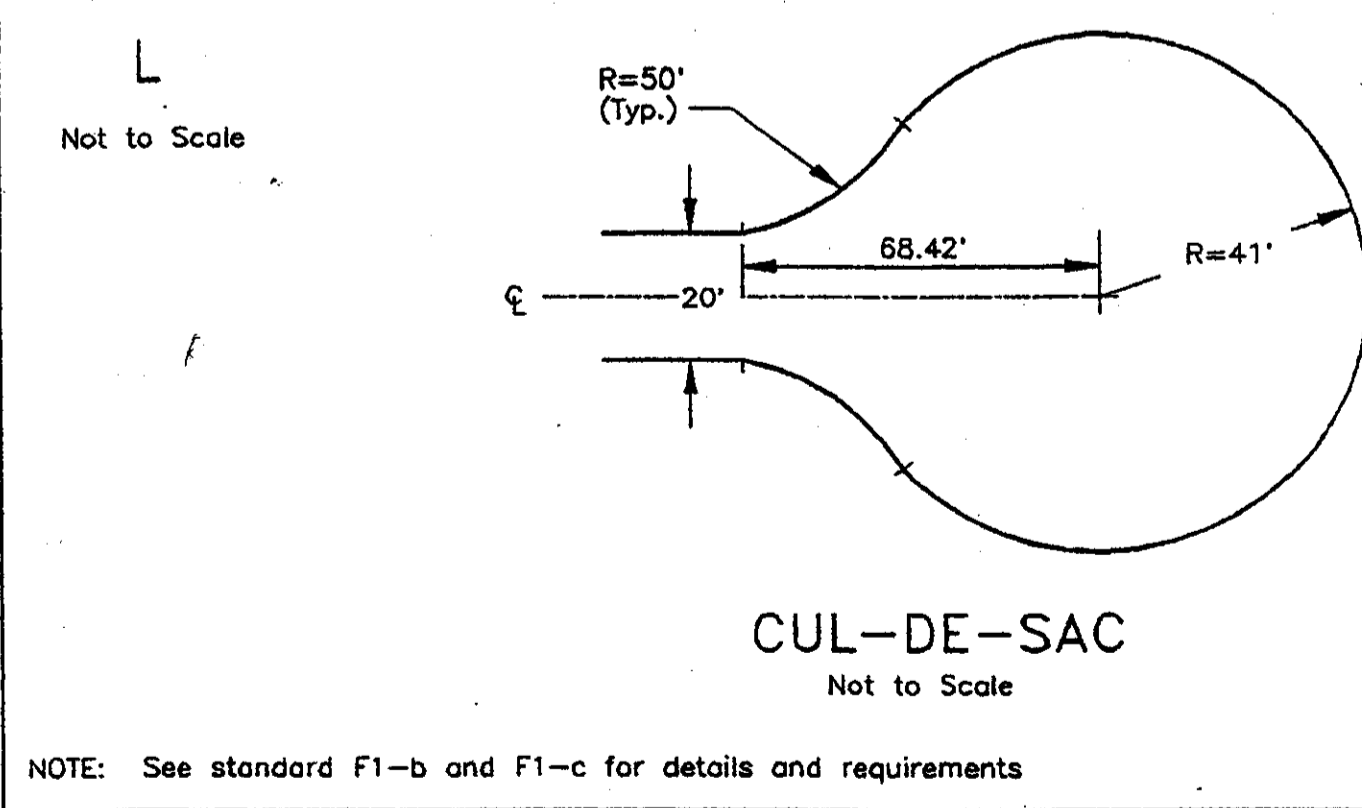
SIGNS  
 1. Signs shall be posted on 2" I.D. galv. pipe in urban areas and either pipe or 4"x4" posts in rural areas.  
 2. Stop sign sizes shall be 30" for urban areas and 36" for rural areas.  
 3. Sign - State of Calif. Hwy. Code SW-43 shall be posted at curves when needed.



No.	Revised	By	Approved by
1	April 1997	TL	<i>Henry M. Thrata</i>
Drawn by: JLD			
Checked by: JLD			
Scale: NONE			
<b>TRAFFIC SIGNS</b>			
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS			
Date: JUNE 1997		Drawing No. R-26	



HAMMERHEAD  
 Not to Scale

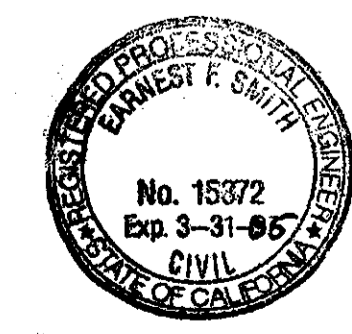


No.	Revised	By	Approved by
1	Sept. 1991	TL	<i>Henry M. Thrata</i>
Drawn by: JLD			
Checked by: JLD			
Scale: NONE			
<b>FIRE ROADS AND DRIVEWAYS OVER 150 FEET LONG</b>			
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS			
Date: SEPT. 1991		Drawing No. F-1a	

VALLEY CREST SUBDIVISION  
 PARTIAL LIST-APPLICABLE  
 STANDARD PLANS

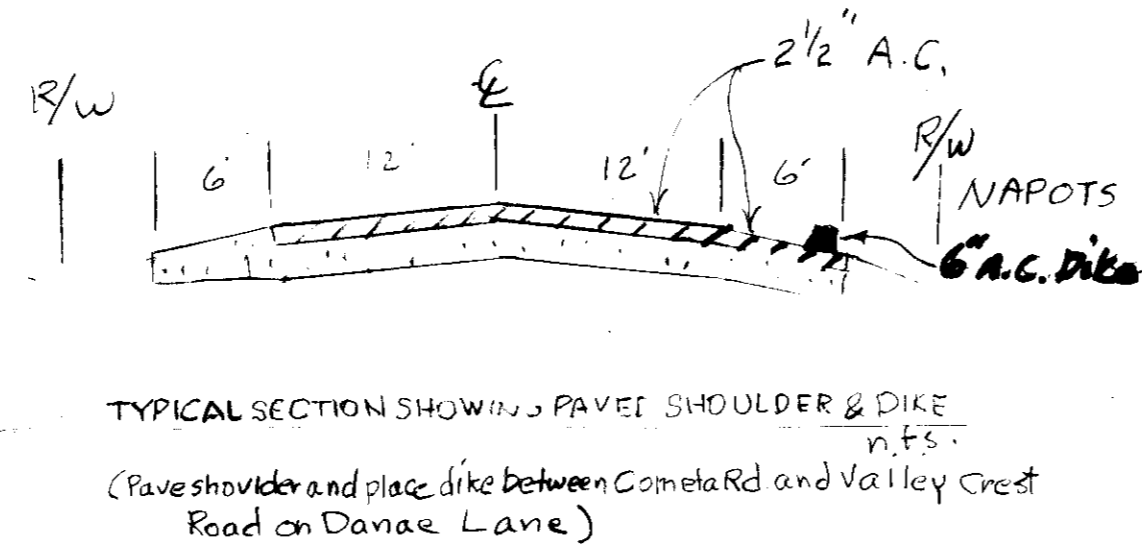
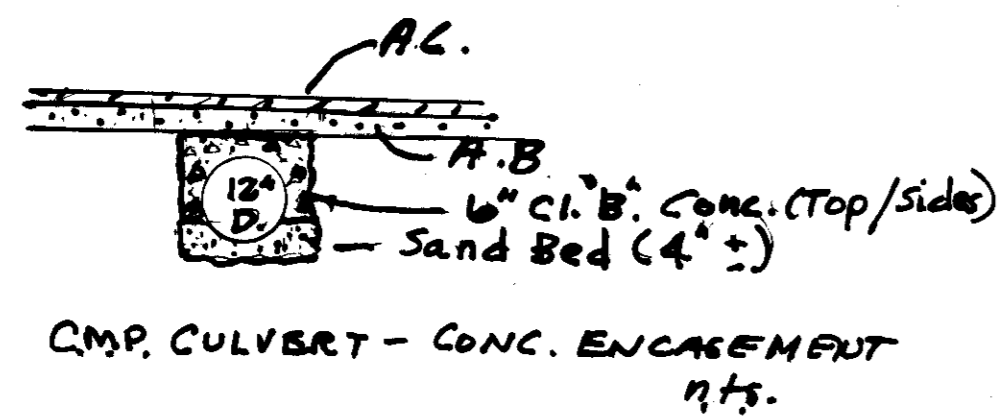
**EARNEST F. SMITH - CIVIL ENGINEER**  
 5355 SOLARI RANCH ROAD  
 STOCKTON, CALIFORNIA 95215 PHONE (209) 931-1376

DATE: 5-10-02  
 R.C.E. NO.: 15372  
 E. F. SMITH DESIGN ENGINEER EXP. DATE: 3-31-05



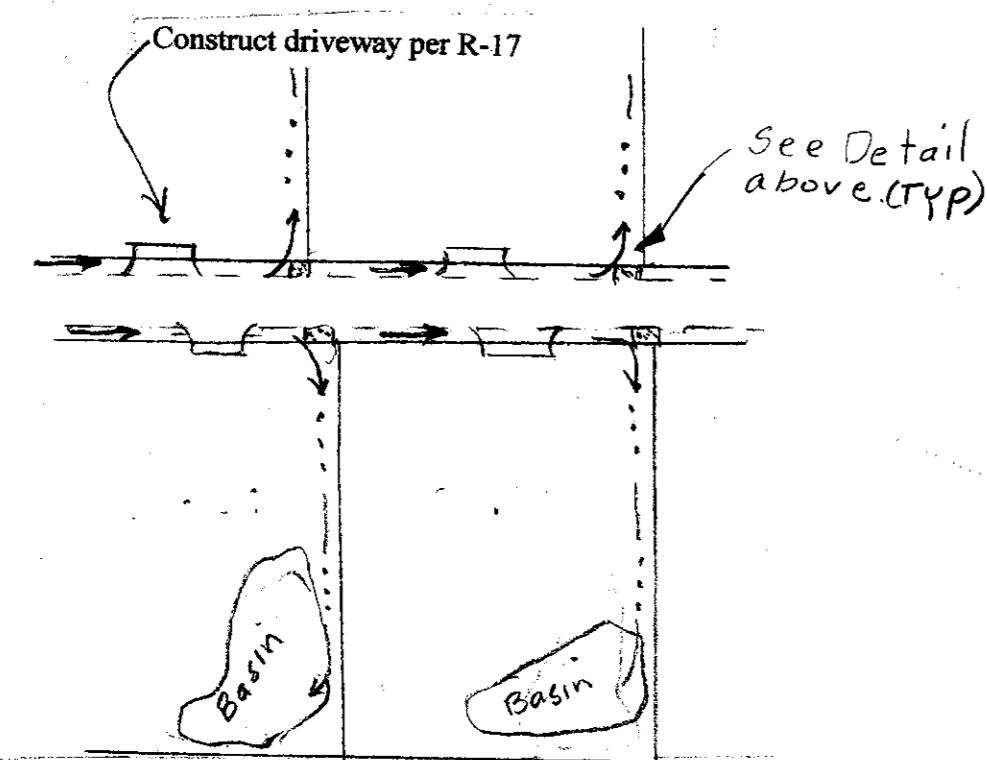
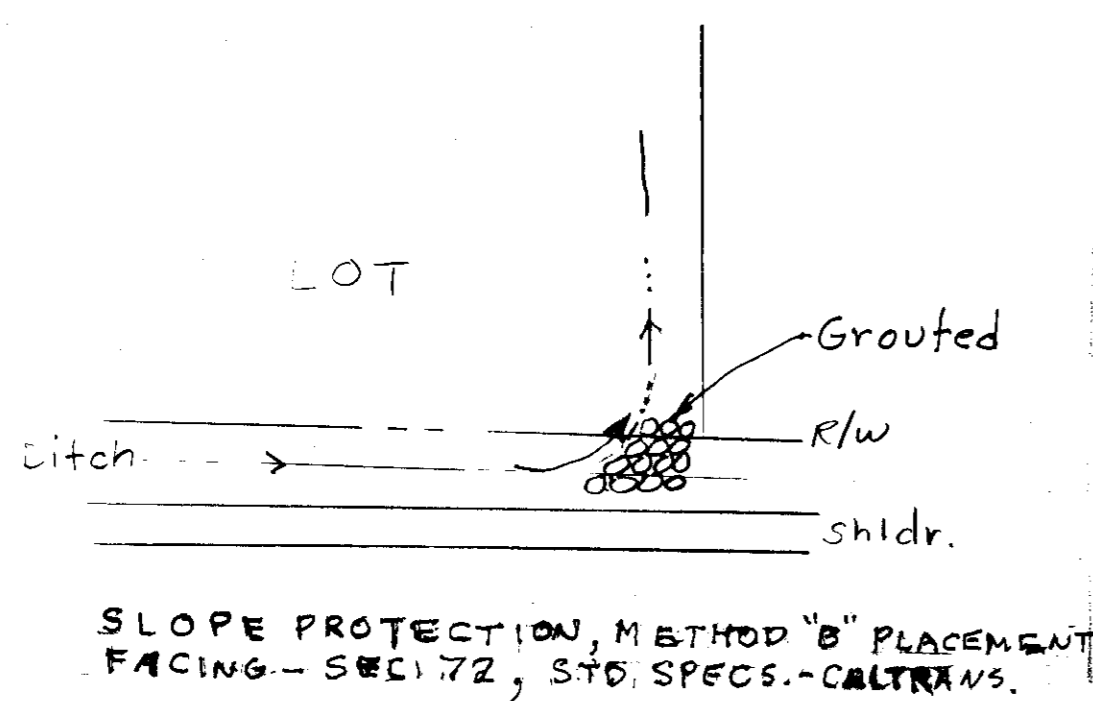
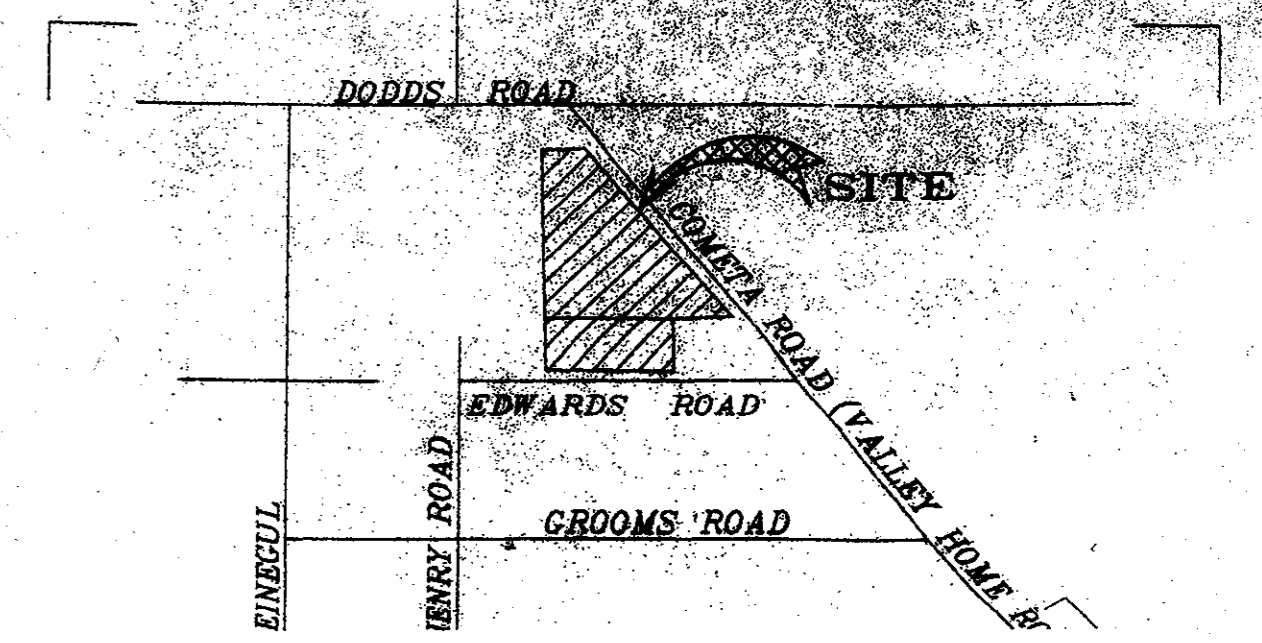
SU 3031



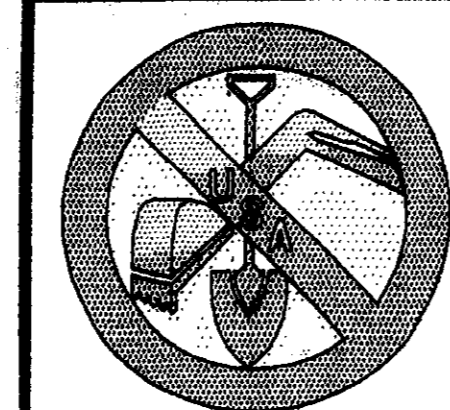


# IMPROVEMENT PLANS FOR DANAЕ LANE & VALLEY CREST ROAD

SAN JOAQUIN COUNTY, CALIFORNIA



LOTS: 1, 16, 18, 19 & 32'  
The location of each retention basin and driveway is to be determined at time of application for building permit. Lot grading must direct all surface runoff to the basin, including runoff from roadway.



**BEFORE YOU DIG**  
CALL USA UNDERGROUND SERVICE ALERT  
48 HOURS PRIOR TO CONSTRUCTION CALL  
TOLL FREE: 1-800-227-2600 CALL TOLL  
FREE:  
KEEP ALL VEHICLES, EQUIPMENT, TOOLS AND  
PEOPLE 10 FEET FROM POWER LINES. IF YOU  
MUST WORK WITHIN 10 FEET OF POWER LINES  
PLEASE CALL PG&E @ 800-743-5000

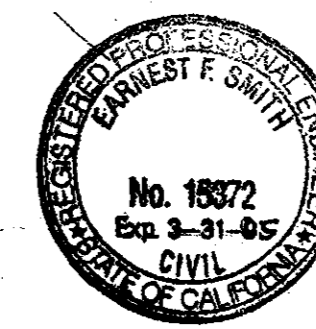
**STORAGE PER ACRE:**

$$Q = C A R, C = 0.28, A = 43,560 \text{ ft}^2$$

$$R = 2.40''$$

$$= 0.28 (43560) \frac{2.4}{12} = 2,440 \text{ ft}^3/\text{Acre}$$

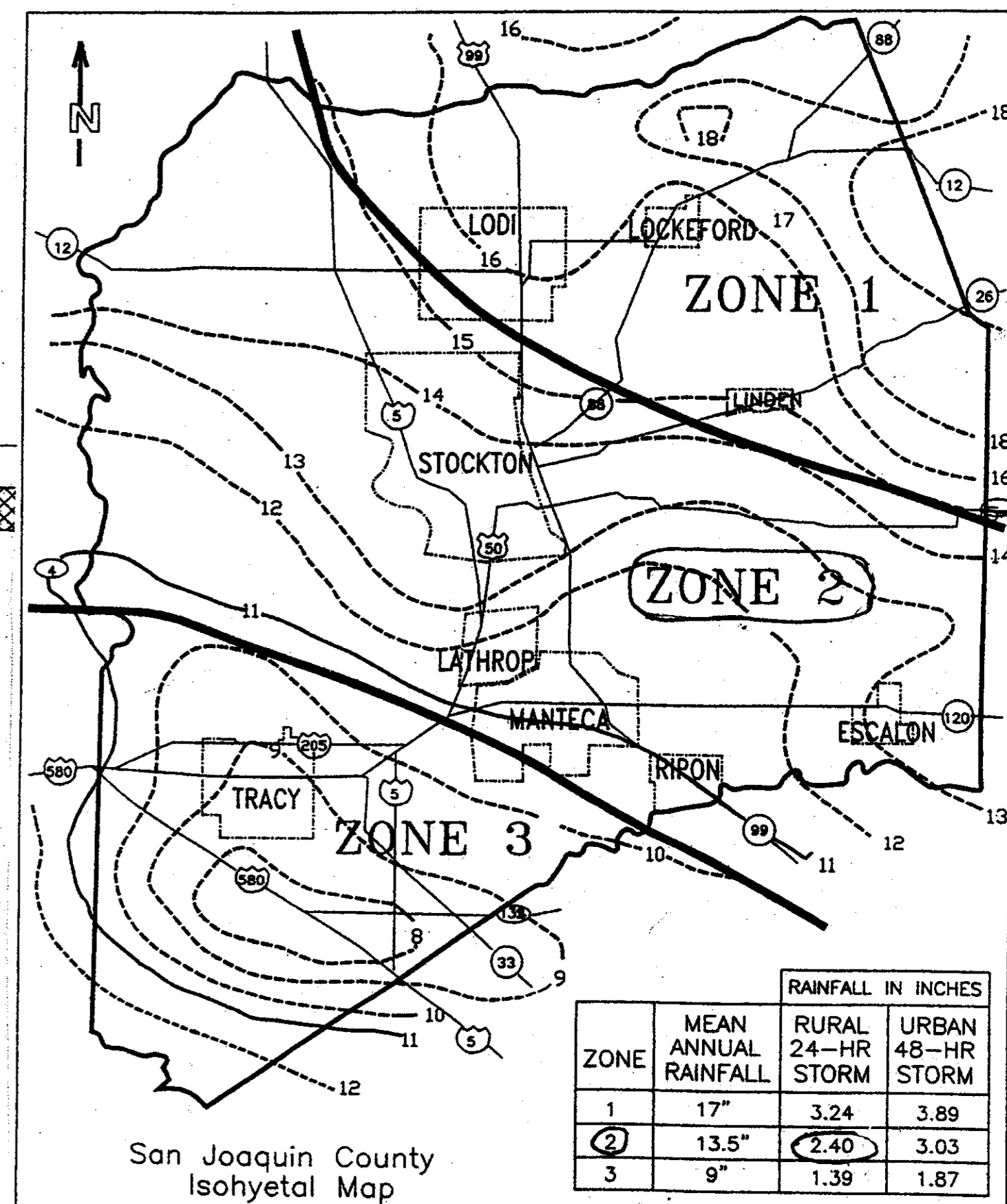
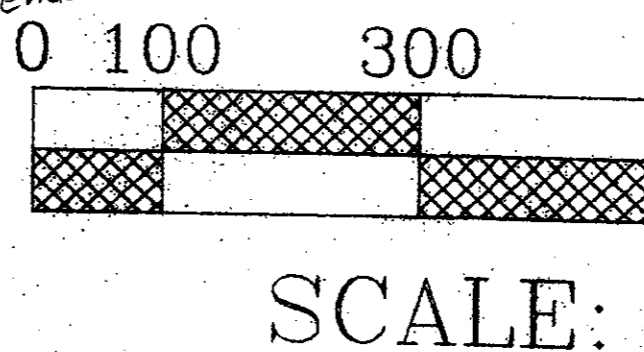
F.S. to apply: 2 x 2,440 = 4,880 ft<sup>3</sup>/Ac.



EARNEST F. SMITH, P.E.  
RCE # 15372  
DATE 7/22/02

**THIS SHEET ACCURATE FOR  
DRAINAGE, A.C. DIKE**  
RETENTION BASIN SIZE SHOWN AS: (10,492) ft<sup>3</sup>

COUNTY OF SAN JOAQUIN  
DEPARTMENT OF PUBLIC WORKS  
APPROVED: *Calvin Karam* 7/22/02  
SENIOR CIVIL ENGINEER DATE  
R.C.E. NO. 33172 EXP. DATE: 6/30/06



MEAN ANNUAL PRECIPITATION

COUNTY OF SAN JOAQUIN  
Date JUNE 1997

SERVICE POLE, 36" STAND PIPE,  
2' x 2' INLET BOX, AND PUMP

INDEX OF SHEETS

- Sheet 1 Title Sheet
- Sheet 2 Danae Lane, Plan & Profile
- Sheet 3-5 Valley Crest Rd., Plan & Profile

CROSS SECTIONS

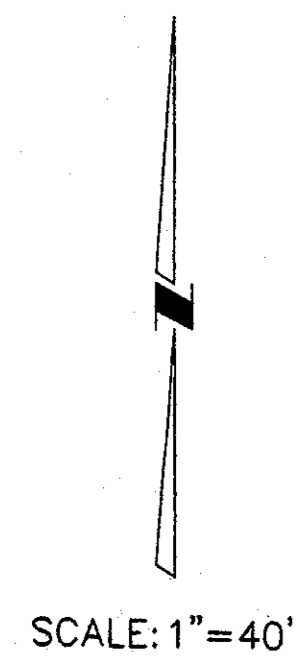
60' EDWARDS ROAD

**E F S**  
EARNEST F. SMITH  
& ASSOCIATES - CIVIL ENGINEERS  
5355 SOLARI RANCH RD., STOCKTON, CA 95215 PH: (209) 931-1375

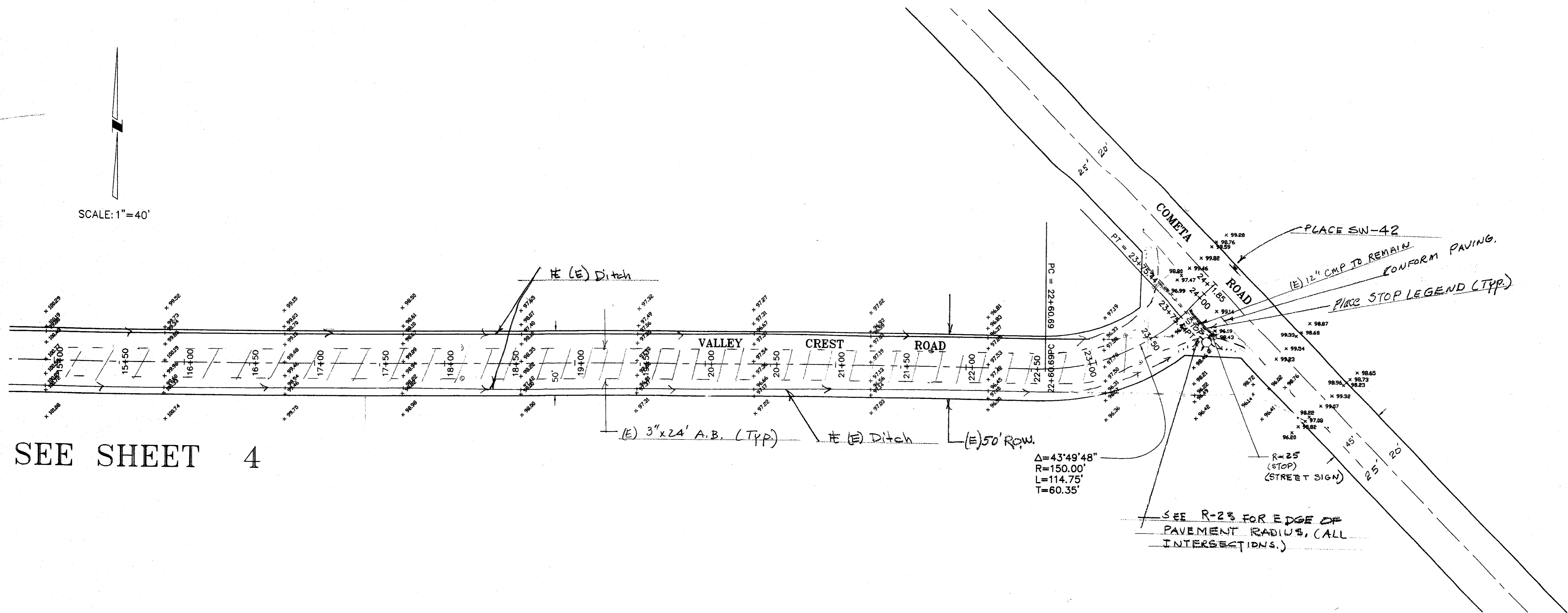
DIRECTOR OF PUBLIC WORKS  
COUNTY OF SAN JOAQUIN  
DATE

SU-303a

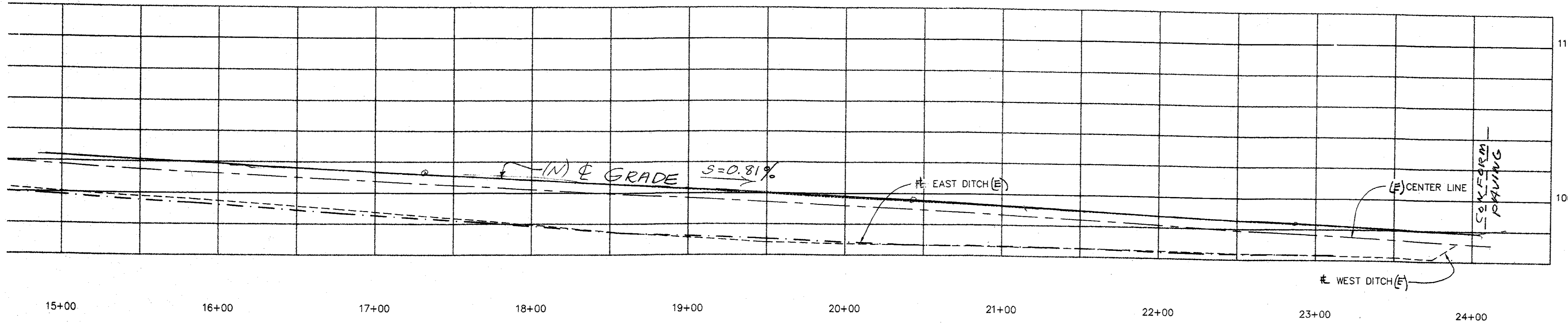




SCALE: 1" = 40'



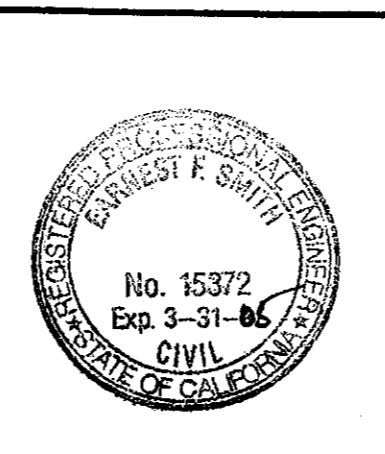
SEE SHEET 4



REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCHMARK ELEVATION: \_\_\_\_\_

JOB NO. : 214  
 DATE :  
 SCALE HORIZ. : 1" = 40'  
 SCALE VERT. : 1" = 4'  
 DRAWN : DLJ  
 DESIGN : EFS  
 CHECK : EFS



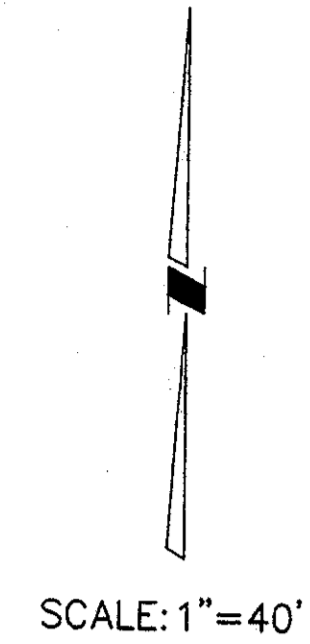
**EARNEST F. SMITH - CIVIL ENGINEER**  
 5355 SOLARI RANCH ROAD  
 STOCKTON, CALIFORNIA 95215  
 PHONE (209) 931-1375  
 DATE: 5-10-02  
 R.C.E. NO.: 15372  
 EXP. DATE: 3-31-08  
 E. F. SMITH, DESIGN ENGINEER

VALLEY CREST ROAD (EAST-WEST)  
 ROADWAY (PLAN AND PROFILE)

SHEET  
**5**  
 OF 8  
 FILE NO.

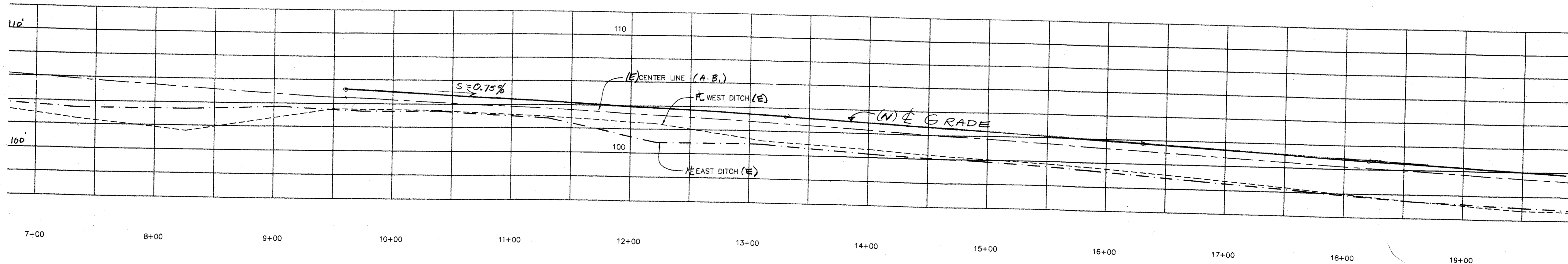
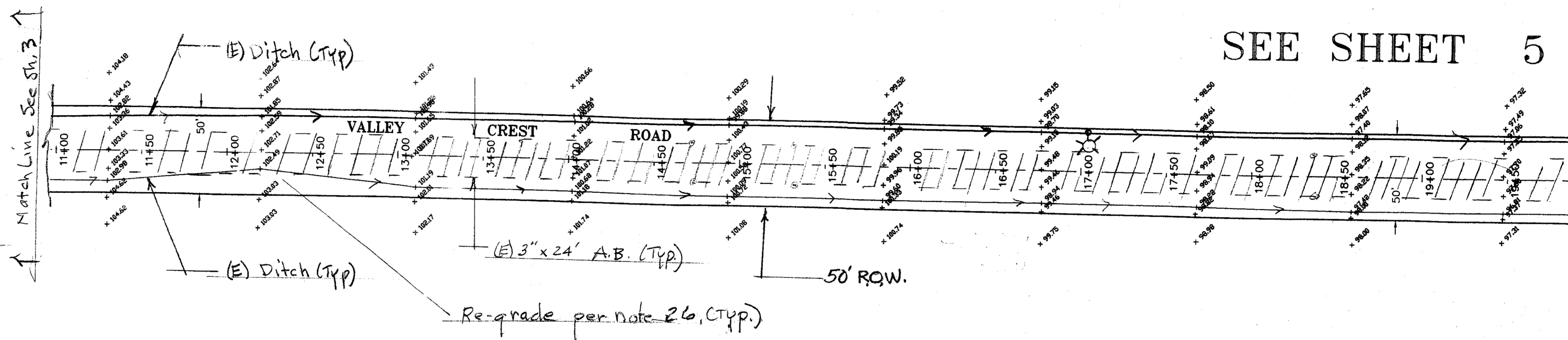
SU-3633

SEE SHEET 3



SCALE: 1" = 40'

SEE SHEET 5



REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCHMARK ELEVATION: \_\_\_\_\_

JOB NO.: 214  
 DATE: \_\_\_\_\_  
 SCALE HORIZ.: 1" = 40'  
 SCALE VERT.: 1" = 4'  
 DRAWN: DLJ  
 DESIGN: EFS  
 CHECK: EFS



**EARNEST F. SMITH - CIVIL ENGINEER**

5355 SOLARI RANCH ROAD  
 STOCKTON, CALIFORNIA 95215

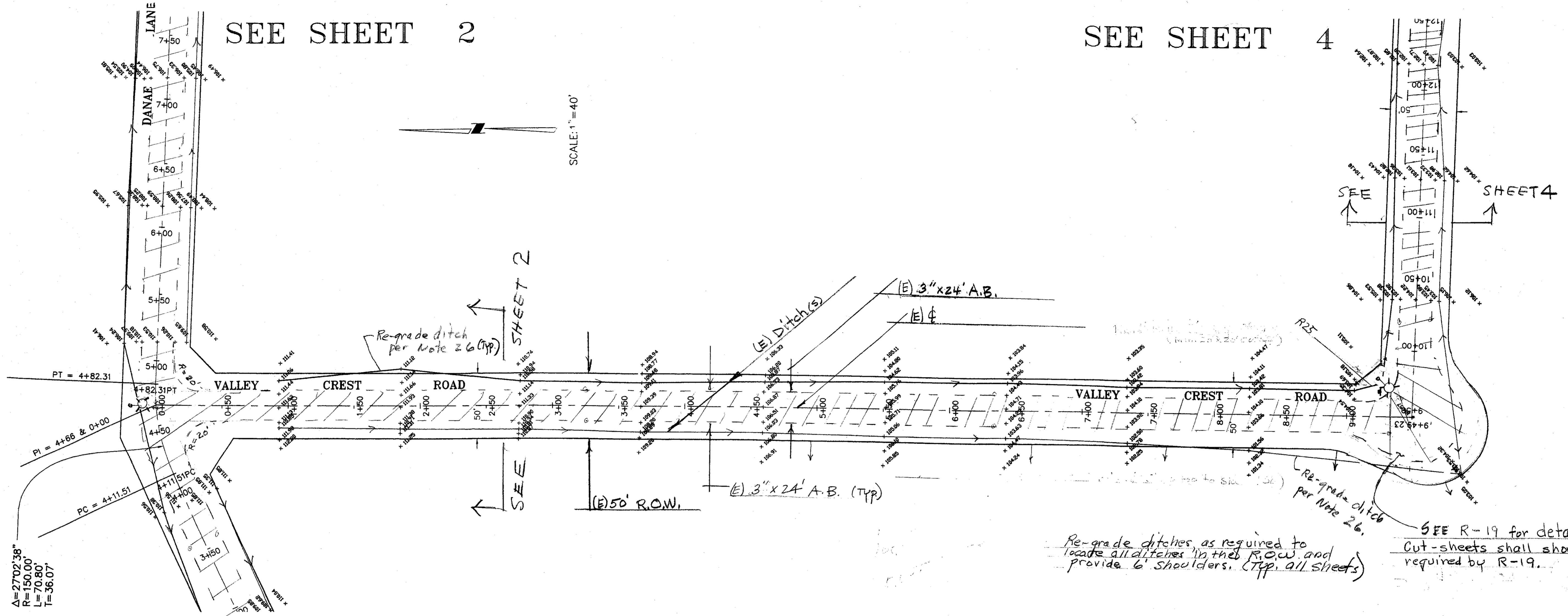
PHONE (209) 931-1375

E. F. SMITH, DESIGN ENGINEER  
 DATE: 5-10-02  
 R.C.E. NO.: 15372  
 EXP. DATE: 3-31-05

VALLEY CREST ROAD (EAST-WEST)  
 ROADWAY (PLAN AND PROFILE)

SHEET  
**4**  
 OF  
 8  
 FILE NO.

SU-3634



SEE SHEET 2

SEE SHEET 4

SCALE: 1" = 40'

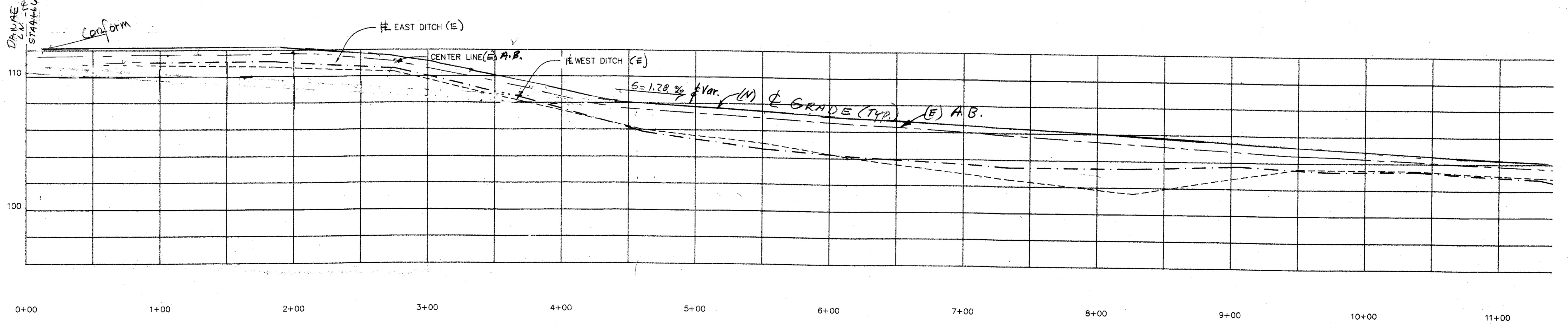
SHEET 2

SHEET 4

SEE SHEET 2

Re-grade ditches as required to locate all ditches in the R.O.W. and provide 6' shoulders. (Typ. all sheets)

SEE R-19 for details  
Cut-sheets shall show elevations required by R-19.



REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCHMARK ELEVATION: \_\_\_\_\_

JOB NO. :	214
DATE :	
SCALE HORIZ. :	1" = 40'
SCALE VERT. :	1" = 4'
DRAWN :	DLJ
DESIGN :	EFS
CHECK :	EFS



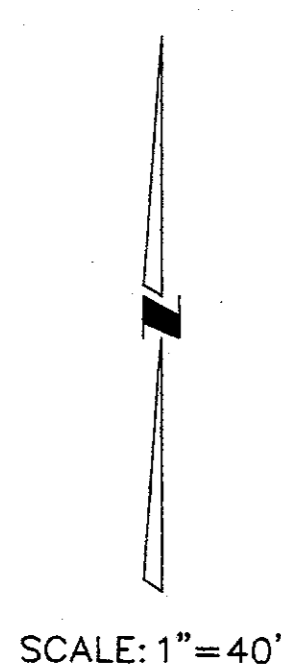
**EARNEST F. SMITH - CIVIL ENGINEER**  
 5355 SOLARI RANCH ROAD  
 STOCKTON, CALIFORNIA 95215  
 PHONE (209) 931-1375  
 DATE: 5-10-02  
 R.C.E. NO.: 15372  
 EXP. DATE: - - - 05  
 E. F. SMITH, DESIGN ENGINEER

VALLEY CREST ROAD (NORTH-SOUTH)  
 ROADWAY (PLAN AND PROFILE)

SHEET  
**3**  
 OF  
 FILE NO.

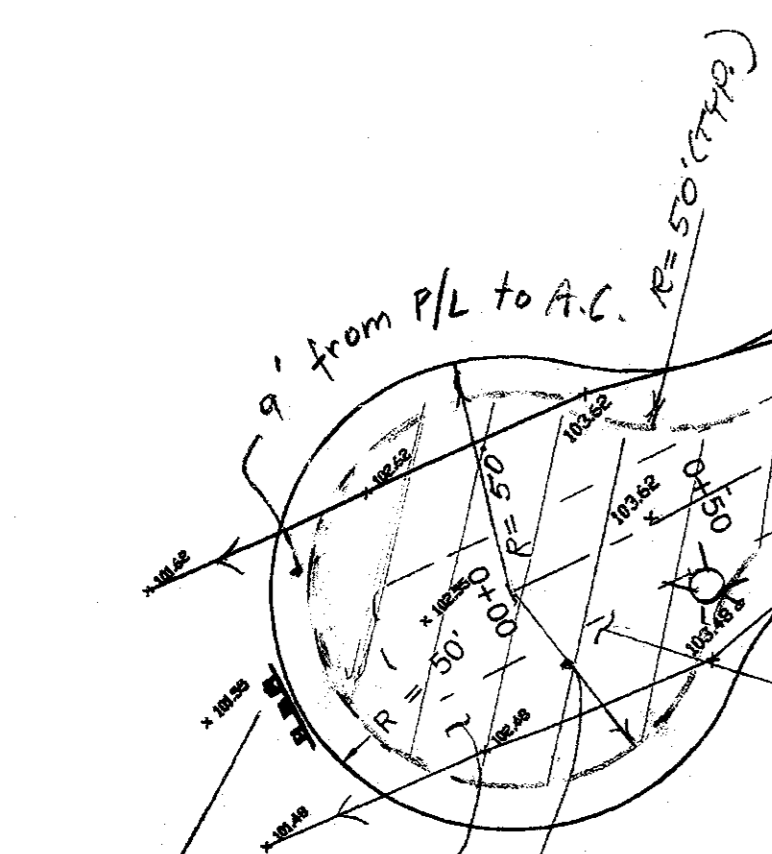
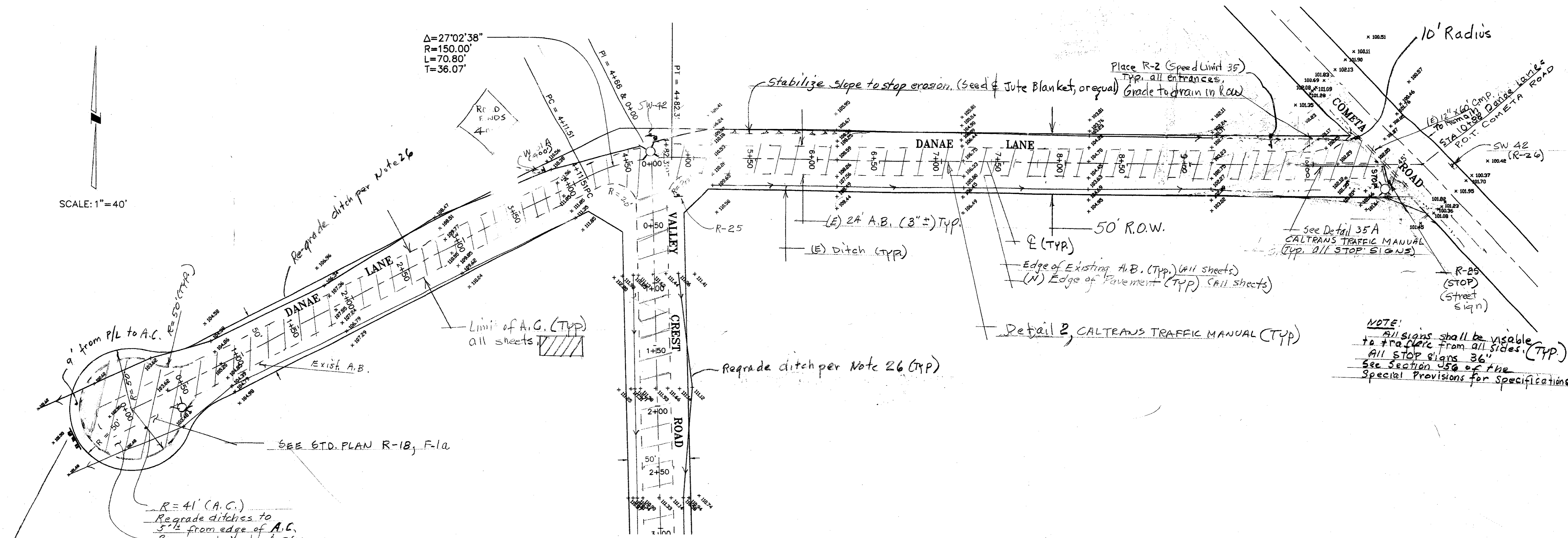
SU-31035





SCALE: 1" = 40'

$\Delta = 27^{\circ}02'38''$   
 $R = 150.00'$   
 $L = 70.80'$   
 $T = 36.07'$



$R = 41'$  (A.C.)  
 Regrade ditches to 5 1/2' from edge of A.C.  
 Prepare sub-grade & place A.B. as required.

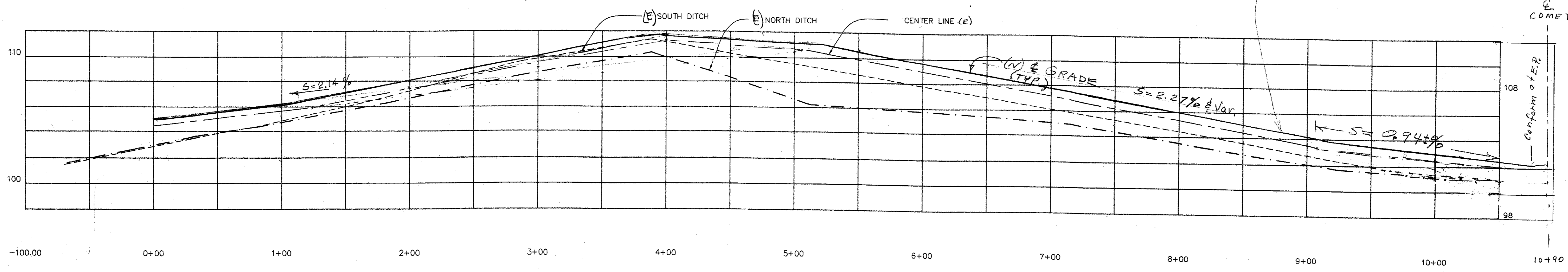
Place Type "A" Barricade per R-24

SEE STD. PLAN R-18, F-1a

Limit of A.C. (TYP) all sheets

SEE SHEET 3

NOTE:  
 All signs shall be visible to traffic from all sides. (TYP)  
 All STOP signs 36"  
 See Section 56 of the Special Provisions for Specifications.

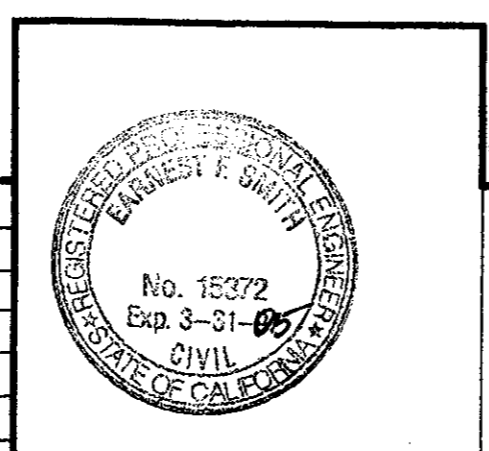


New E grade follows exist. A.B. Grade (TYP. all sheets)

REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCHMARK ELEVATION: \_\_\_\_\_

JOB NO. : 214  
 DATE :  
 SCALE HORIZ. : 1" = 40'  
 SCALE VERT. : 1" = 4'  
 DRAWN : DLJ  
 DESIGN : EFS  
 CHECK : EFS



**EARNEST F. SMITH - CIVIL ENGINEER**  
 5355 SOLARI RANCH ROAD  
 STOCKTON, CALIFORNIA 95215  
 PHONE (209) 931-1375  
 DATE: 5-10-02  
 R.C.E. NO.: 15372  
 EXP. DATE: 3-31-05  
 E. F. SMITH, DESIGN ENGINEER

DANAЕ LANE  
 ROADWAY (PLAN AND PROFILE)

SHEET  
**2**  
 OF  
 FILE NO.

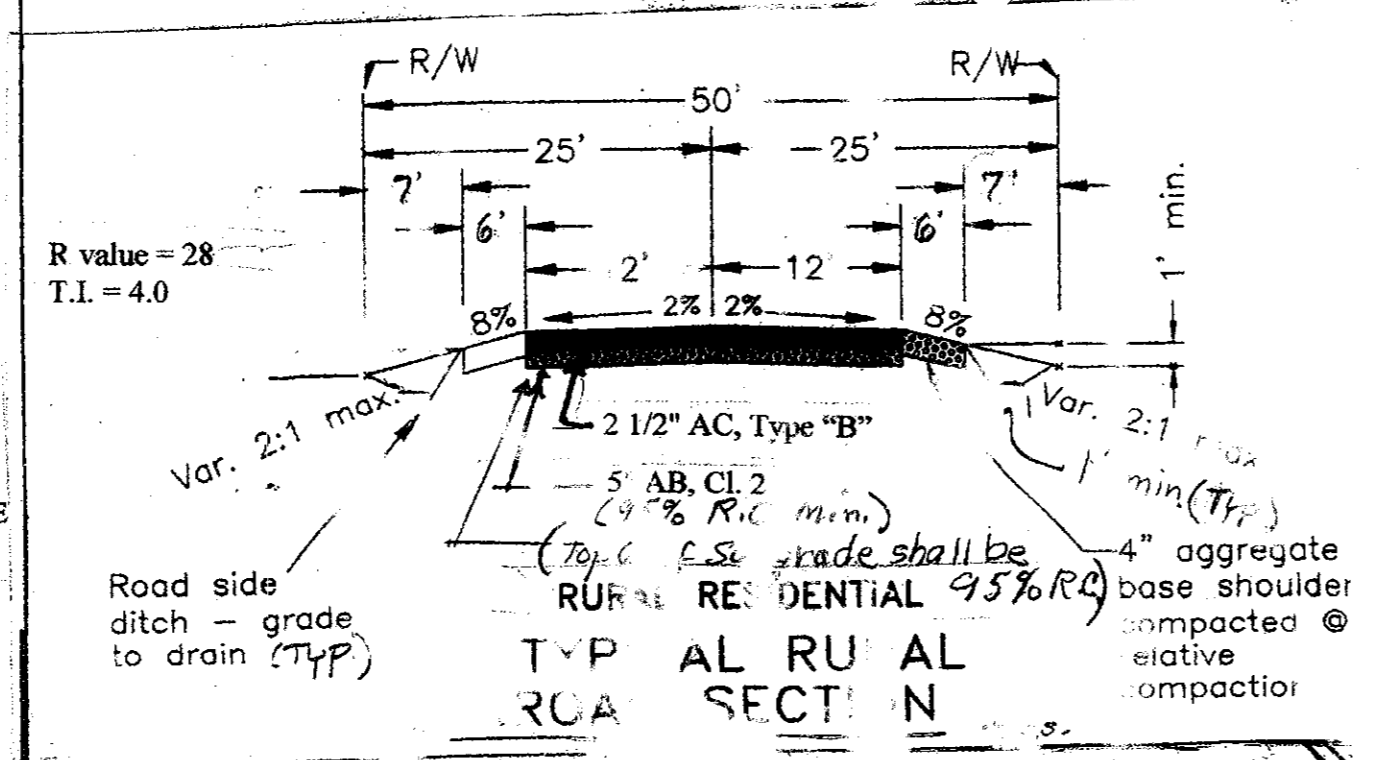
SU-3636



**GENERAL NOTES:**

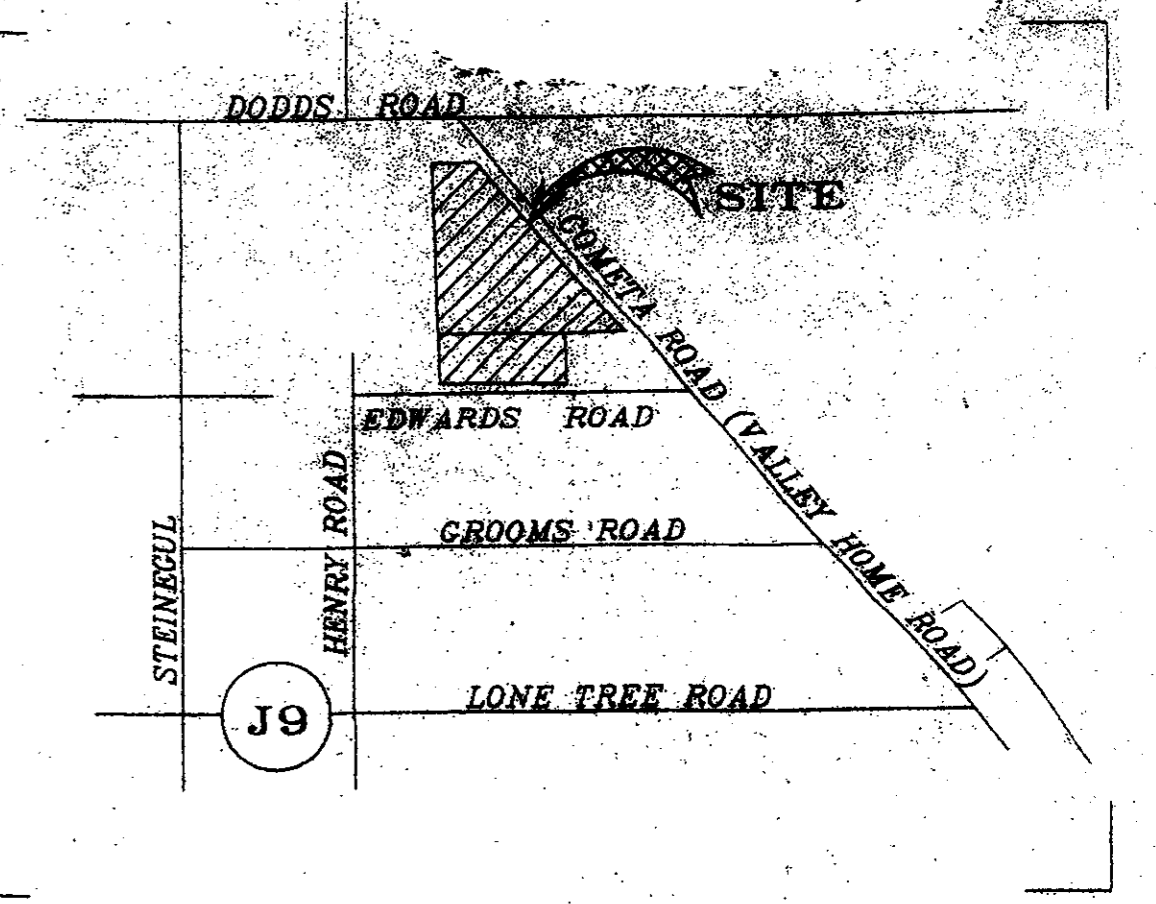
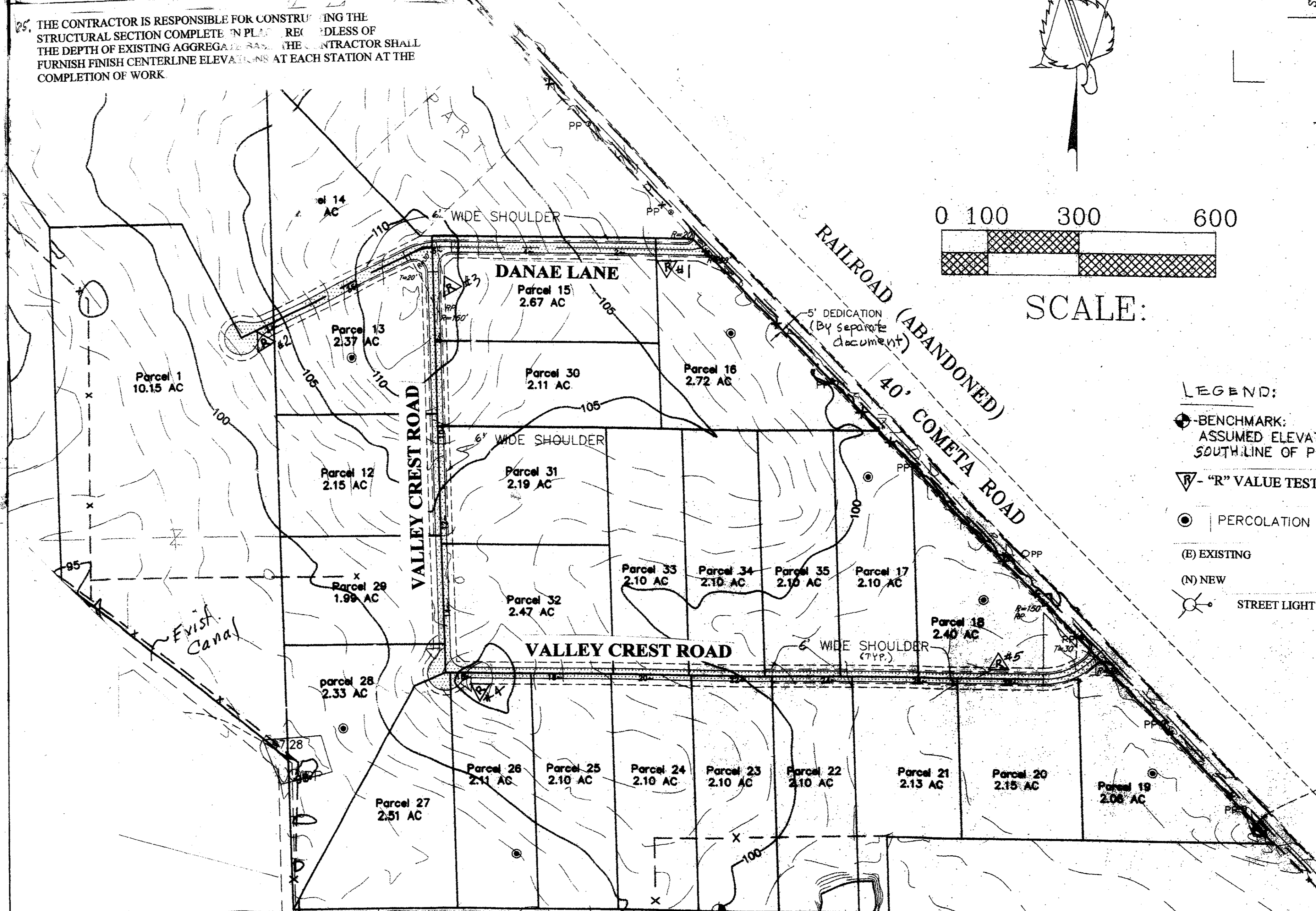
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY FOR ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNERS, SAN JOAQUIN COUNTY AND COUNTY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- PRIOR TO PERFORMING ANY WORK WITHIN THE ROAD RIGHTS OF WAY OF COMETA ROAD, THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS.
- A TRAFFIC CONTROL PLAN (TCP) SHALL BE SUBMITTED TO AND DEEMED ACCEPTABLE BY COUNTY PRIOR TO START OF WORK. THIS SHALL ADDRESS ALL PHASES OF WORK WHICH WILL IMPACT PUBLIC TRAFFIC. CONFORMANCE WITH THE TCP SHALL BE MAINTAINED AT ALL TIMES.
- A MINIMUM OF ONE 10' TRAFFIC LANE SHALL BE MAINTAINED AT ALL TIMES, WITH TRAFFIC DELAYS LIMITED TO A MAXIMUM OF 15 MINUTES. A MINIMUM OF TWO 10' TRAFFIC LANES SHALL BE MAINTAINED DURING NON-WORKING HOURS. TRAFFIC CONTROLS SHALL BE IN CONFORMANCE WITH SECTION 12 OF THE CALTRANS STANDARD SPECIFICATIONS.
- ALL TRAFFIC SIGNS AND MARKINGS SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SAN JOAQUIN COUNTY STANDARDS" AND AS SHOWN IN THE PLANS.
- ALL THE COMPACTION TESTS AND MATERIALS SAMPLING AND TESTING SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- ANY CHANGES TO THE APPROVED IMPROVEMENT PLANS OR SPECIFICATIONS MUST BE PREPARED AND CERTIFIED BY THE "CIVIL ENGINEER" AND SHALL BE SUBMITTED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO IMPLEMENTATION.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION BY CALLING THE TOLL-FREE NUMBER (800) 642-2444.
- EXCAVATION OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.
- CONTRACTOR SHALL NOTIFY SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS 48 HOURS IN ADVANCE OF PERFORMING ANY WORK REQUIRED IN THE PLANS. (202) 468-3022.
- ALL IMPROVEMENTS (CONSTRUCTION/MATERIALS) SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE S.J. CO. STANDARDS.
- 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.
- CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION AS PER SECTION 10 OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA AND PER SAN JOAQUIN COUNTY, DEPARTMENT OF PUBLIC WORKS REQUIREMENTS.
- DRAINAGE FACILITIES SHALL BE MAINTAINED DURING PERIODS OF INCLEMENT WEATHER, AND RESTORED TO THEIR ORIGINAL CONDITIONS UPON COMPLETION OF THE WORK.
- ALL TRAFFIC DELINEATIONS (SIGNS, STRIPING, RAISED PAVEMENT MARKERS) SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF THE WORK.
- ASPHALT CONCRETE SHALL CONFORM TO THE REQUIREMENTS IN SECTION 39, "ASPHALT CONCRETE," OF THE STANDARD SPECIFICATIONS.
- AGGREGATE BASE SHALL CONFORM TO THE REQUIREMENTS IN SECTION 26, "AGGREGATE BASES," OF THE STANDARD SPECIFICATIONS.
- LIQUID ASPHALT (PRIME COAT) SHALL CONFORM TO THE REQUIREMENTS IN SECTIONS 39, "ASPHALT CONCRETE," AND 39 ALTERNATE E, "LIQUID ASPHALT," OF THE STANDARD SPECIFICATIONS.
- CONSTRUCTION PERIOD IS MAY 15 - SEP 15, 2002 FOR THE ROAD. EROSION PREVENTION WITHIN THE RIGHT-OF-WAY IS REQUIRED.
- THE COUNTY OF SAN JOAQUIN, BOARD OF SUPERVISORS, THE DIRECTOR, OR HIS REPRESENTATIVES, SHALL NOT BE ANSWERABLE OR ACCOUNTABLE IN ANY MANNER FOR ANY LOSS OR DAMAGE THAT MAY HAPPEN TO THE WORK, OR ANY PART THEREOF, OR TO ANY ARTICLES OR MATERIALS USED, IN PERFORMING THE WORK, OR FOR DAMAGE TO ANY PROPERTY THAT MAY OCCUR IN THE PROSECUTION OF THE WORK. THE CONTRACTOR SHALL HAVE COMPLETE RESPONSIBILITY FOR THE SAFETY OF THE PUBLIC AND OF PROPERTY APPERTAINING TO HIS OPERATION, AND HE SHALL INDEMNIFY AND SAVE HARMLESS THE COUNTY OF SAN JOAQUIN, THE BOARD OF SUPERVISORS, THE DIRECTOR, OR HIS REPRESENTATIVES, FROM ALL CLAIMS, COSTS, SUITS OR ACTIONS RESULTING, OR CLAIMED TO HAVE RESULTED, FROM INJURIES OR DAMAGES ARISING OUT OF, OR IN CONNECTION WITH, THE OPERATIONS OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROCURE AND SHALL MAINTAIN, DURING THE LIFE OF THE CONTRACT, CONTRACTOR'S PUBLIC LIABILITY INSURANCE IN AN AMOUNT NOT LESS THAN \$500,000.00 FOR INJURIES, INCLUDING ACCIDENTAL DEATH, TO ANY ONE PERSON, AND SUBJECT TO THE SAME LIMIT FOR EACH PERSON, IN AN AMOUNT NOT LESS THAN \$1,000,000.00 ON ACCOUNT OF ONE ACCIDENT, AND CONTRACTOR'S PROPERTY DAMAGE INSURANCE IN AN AMOUNT NOT LESS THAN \$500,000.00. THE CONTRACTOR SHALL ALSO SECURE INSURANCE COVERING OWNED, HIRED, OR NON-OWNED VEHICLES, THE LIMITS OF WHICH SHALL BE EQUAL TO THE LIMITS SPECIFIED ABOVE FOR PUBLIC LIABILITY AND PROPERTY DAMAGE.
- 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 DIRECTOR OF PUBLIC WORKS. 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 THE WORK ESTIMATED BY THE ENGINEER. SAID BOND SHALL CONTINUE IN FULL FORCE AND EFFECT FOR A PERIOD OF ONE YEAR FROM THE DATE OF FORMAL ACCEPTANCE OF THE WORK BY THE DIRECTOR OF PUBLIC WORKS.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AFFECTED BY THE DEVELOPMENT PRIOR TO BEGINNING OF WORK.
- THE CONTRACTOR SHALL VERIFY ALL STREET NAMES WITH S.J. COMMUNITY DEVELOPMENT DEPARTMENT BEFORE ORDERING STREET SIGNS.

NO.	DESCRIPTION	COUNTY APPROVAL	APPROVED BY DATE



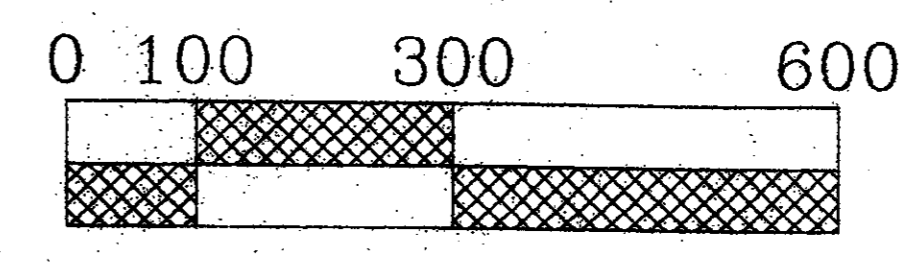
**IMPROVEMENT PLANS FOR DANAE LANE & VALLEY CREST ROAD**

SAN JOAQUIN COUNTY, CALIFORNIA



**Block Numbers for Valley Crest**

- 30600 E Tressa Lane  
13200 S Cometa Road
- 30500 E Tressa Lane  
13200 S Valley Crest Drive
- 12900 S Valley Crest Drive  
30500 E Danae Lane
- 30640 E Danae Lane  
12900 S Cometa Road



- LEGEND:**
- BENCHMARK: ASSUMED ELEVATION 100.00 ON SOUTH LINE OF PARCEL 23, S.W. COR. P.I.N.
  - "R" VALUE TEST LOCATION.
  - PERCOLATION TEST HOLE
  - (B) EXISTING
  - (N) NEW
  - STREET LIGHT: Street lights shall conform to R-32,33,34 and Special Provisions of San Joaquin County.

SERVICE POLE, 36" STAND PIPE, 2' X 2' INLET BOX, AND PUMP

- INDEX OF SHEETS**
- Sheet 1 Title Sheet, Typical Section
  - Sheet 2 Danae Lane, Plan & Profile
  - Sheet 3-5 Valley Crest Rd., Plan & Profile
  - Sheet 6 Retention Basin Details
  - Sheet 7 Partial List-Applicable Standard Plan
  - Sheet 8 Erosion Control Detail and Notes
  - Sheet 9-18 Cross Sections

**BEFORE YOU DIG**

CALL USA UNDERGROUND SERVICE ALERT 48 HOURS PRIOR TO CONSTRUCTION CALL TOLL FREE: 1-800-227-2600 CALL TOLL FREE:

KEEP ALL VEHICLES, EQUIPMENT, TOOLS AND PEOPLE 10 FEET FROM POWER LINES. IF YOU MUST WORK WITHIN 10 FEET OF POWER LINES PLEASE CALL PG&E @ 800-743-5000

**TEST RESULTS**

Lab Number	Sample Number	Soil Classification	Measured Depth of A.E. (ft.)	R-Value
8897	#1	Reddish/Brown Silty SAND	5"	28
8898	#2	Brown Silty SAND	3"	41
8899	#3	Lt. Brown/Gray Sandy SILT	4"	12
8900	#4	Brown Silty SAND	2"	67
8901	#5	Brown Sandy Clayey SILT	3"	16



Ernest F. Smith 5/10/02  
 EARNEST F. SMITH, P.E. DATE  
 RCE # 15372

COUNTY OF SAN JOAQUIN  
 DEPARTMENT OF PUBLIC WORKS

APPROVED: Gabriel Karam 7/5/02  
 SENIOR CIVIL ENGINEER DATE  
 R.C.E. NO. 33172 EXP. DATE 6/30/2006

Director of Public Works  
 COUNTY OF SAN JOAQUIN DATE

SHEET 1 of 8

**E F S**  
**EARNEST F. SMITH & ASSOCIATES - CIVIL ENGINEERS**  
 5355 SOLARI RANCH RD., STOCKTON, CA 95215 PH:(209)931-1375

SU-3037

26. THE CONTRACTOR SHALL REGRADE ALL EXISTING DITCHES THAT ARE OUTSIDE THE ROW. LOT CORNERS ARE TO BE STAKED BY THE OWNER PRIOR TO CONSTRUCTION. SEE DRAINAGE PLAN FOR DRAINAGE RETENTION ON EACH LOT.

STAND PIPE

6/21/02