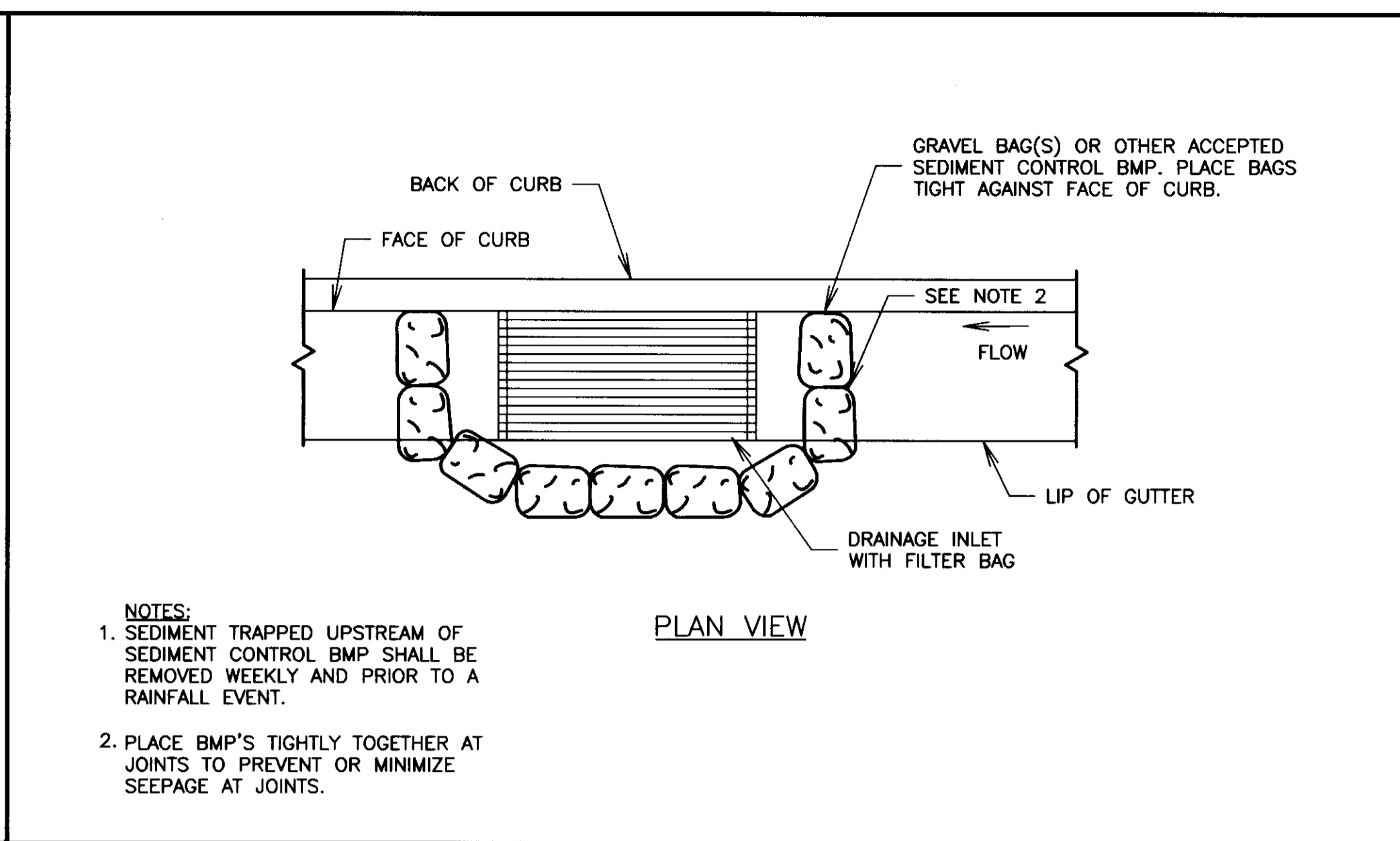
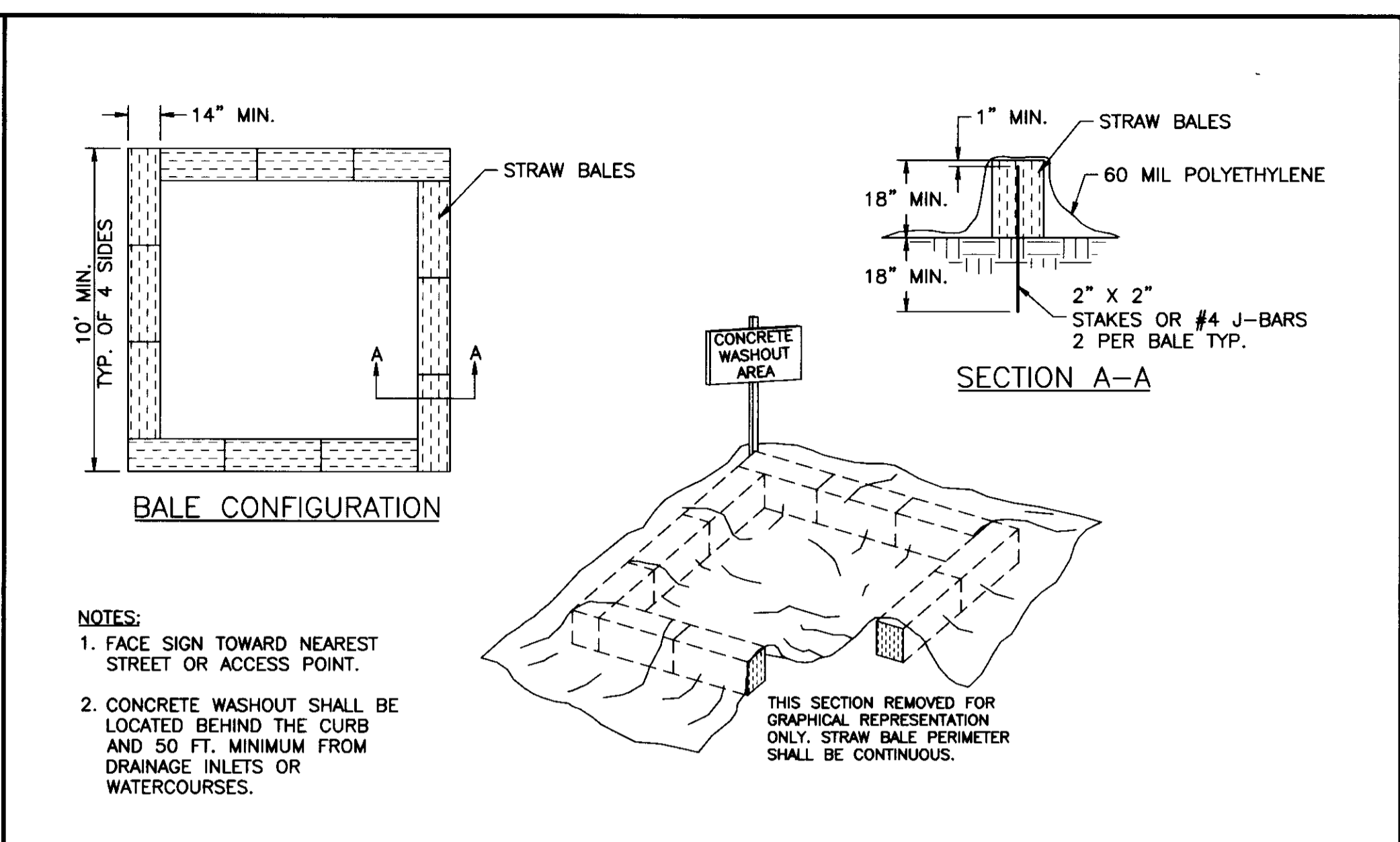


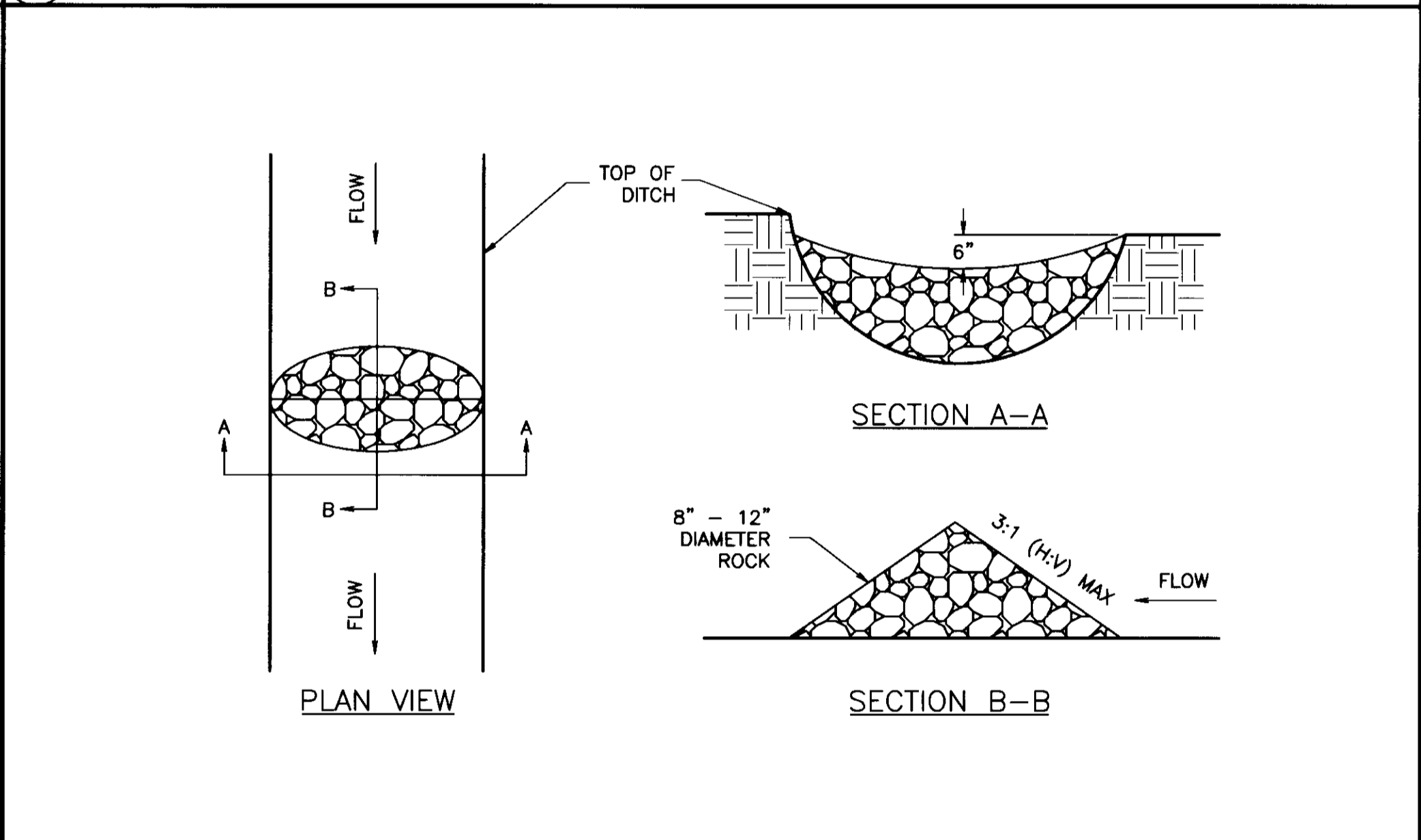
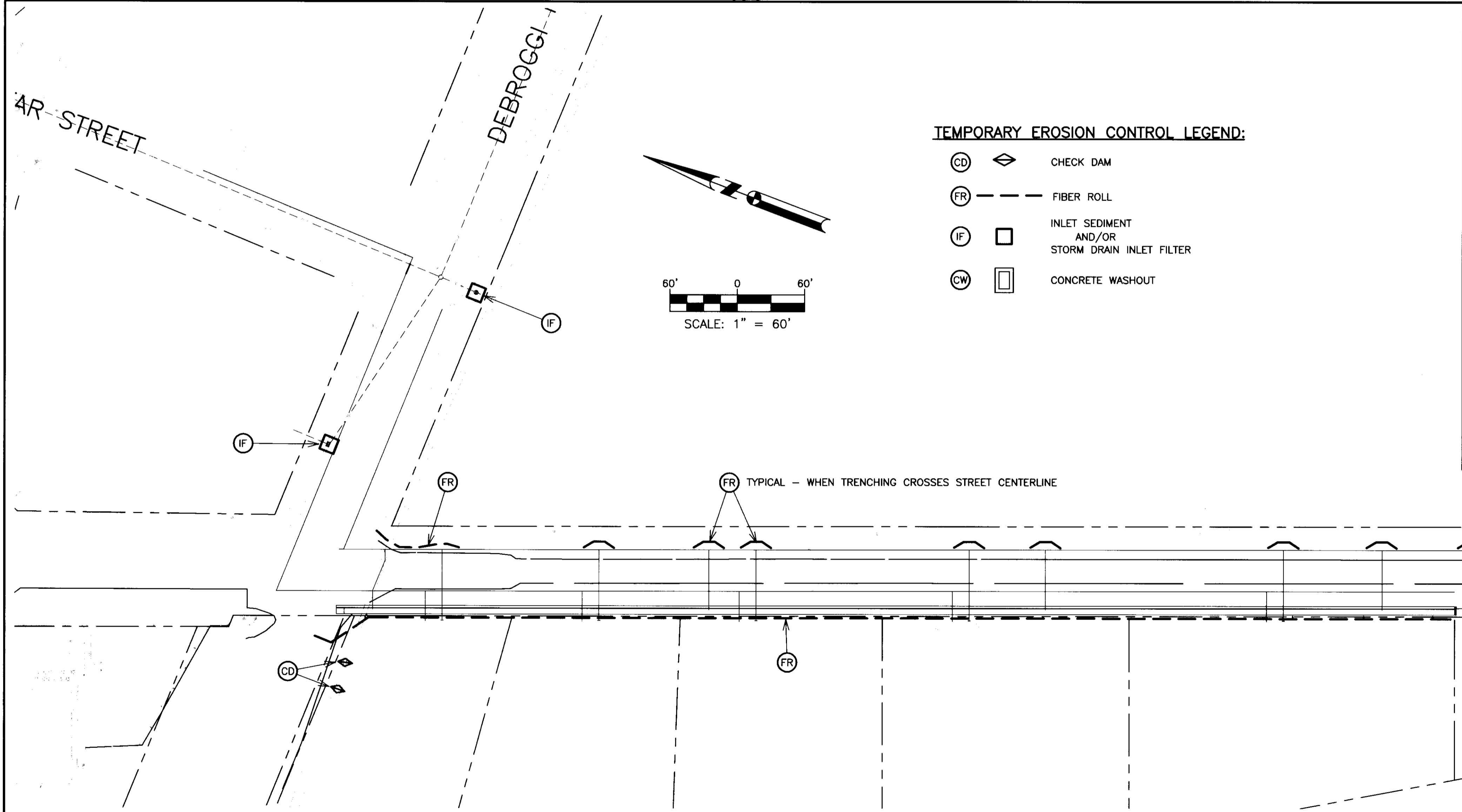
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2 INLET SEDIMENT CONTROL

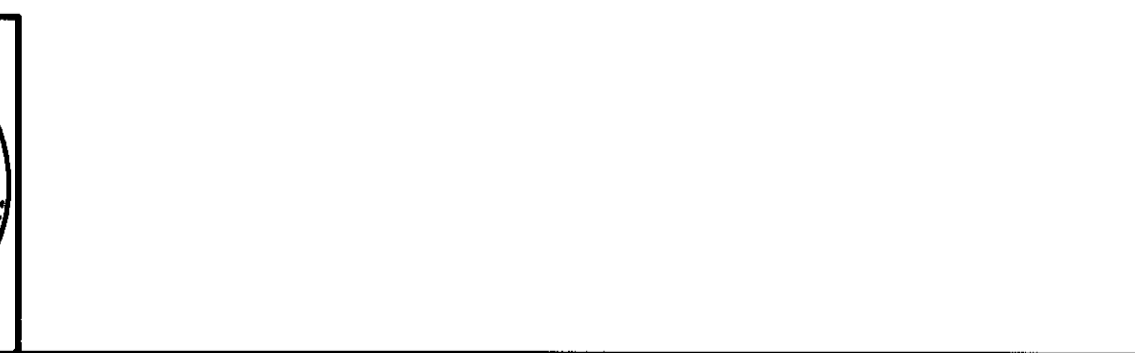
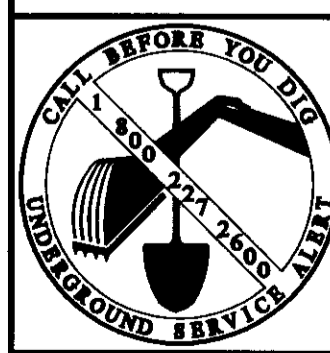


3 CONCRETE WASHOUT



4 CHECK DAM

CNS-SU-4HGC



K S N KJELDEN SINNOCK NEUDECK INC.
 Consulting Engineers and Land Surveyors
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 Faxes: (209) 946-0296
 E-mail: KSN@ksninc.com

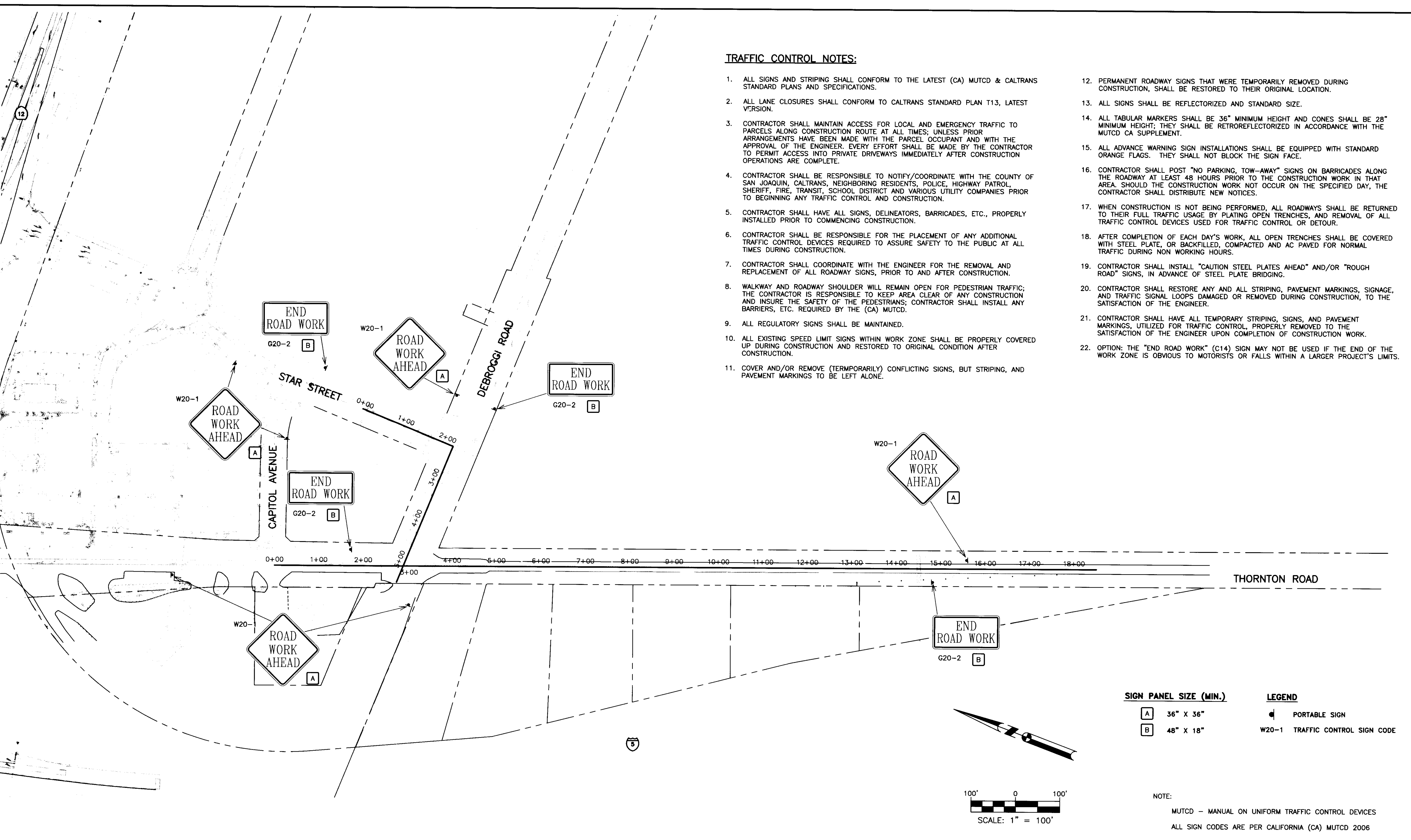
SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
EROSION CONTROL PLAN

Revisions				
No.	Description	Date	By	Aprvd. By

Design	JDK	Scale	1" = 60'	Date	4/10/08
Drawn	JDK	Original Drawing Scale	0 1/2" = 1"	Sheet Number	15 Of 15
Check	SKS	Project File No.	1616-0000		

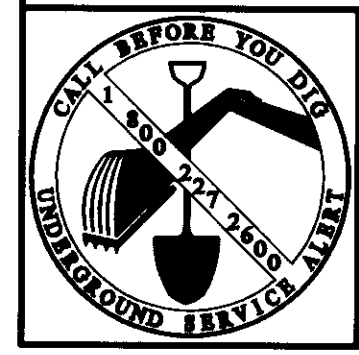
TRAFFIC CONTROL NOTES:

- ALL SIGNS AND STRIPING SHALL CONFORM TO THE LATEST (CA) MUTCD & CALTRANS STANDARD PLANS AND SPECIFICATIONS.
- ALL LANE CLOSURES SHALL CONFORM TO CALTRANS STANDARD PLAN T13, LATEST VERSION.
- CONTRACTOR SHALL MAINTAIN ACCESS FOR LOCAL AND EMERGENCY TRAFFIC TO PARCELS ALONG CONSTRUCTION ROUTE AT ALL TIMES; UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH THE PARCEL OCCUPANT AND WITH THE APPROVAL OF THE ENGINEER. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR TO PERMIT ACCESS INTO PRIVATE DRIVEWAYS IMMEDIATELY AFTER CONSTRUCTION OPERATIONS ARE COMPLETE.
- CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY/COORDINATE WITH THE COUNTY OF SAN JOAQUIN, CALTRANS, NEIGHBORING RESIDENTS, POLICE, HIGHWAY PATROL, SHERIFF, FIRE, TRANSIT, SCHOOL DISTRICT AND VARIOUS UTILITY COMPANIES PRIOR TO BEGINNING ANY TRAFFIC CONTROL AND CONSTRUCTION.
- CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED TO ASSURE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR THE REMOVAL AND REPLACEMENT OF ALL ROADWAY SIGNS, PRIOR TO AND AFTER CONSTRUCTION.
- WALKWAY AND ROADWAY SHOULDER WILL REMAIN OPEN FOR PEDESTRIAN TRAFFIC; THE CONTRACTOR IS RESPONSIBLE TO KEEP AREA CLEAR OF ANY CONSTRUCTION AND INSURE THE SAFETY OF THE PEDESTRIANS; CONTRACTOR SHALL INSTALL ANY BARRIERS, ETC. REQUIRED BY THE (CA) MUTCD.
- ALL REGULATORY SIGNS SHALL BE MAINTAINED.
- ALL EXISTING SPEED LIMIT SIGNS WITHIN WORK ZONE SHALL BE PROPERLY COVERED UP DURING CONSTRUCTION AND RESTORED TO ORIGINAL CONDITION AFTER CONSTRUCTION.
- COVER AND/OR REMOVE (TEMPORARILY) CONFLICTING SIGNS, BUT STRIPING, AND PAVEMENT MARKINGS TO BE LEFT ALONE.
- PERMANENT ROADWAY SIGNS THAT WERE TEMPORARILY REMOVED DURING CONSTRUCTION, SHALL BE RESTORED TO THEIR ORIGINAL LOCATION.
- ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
- ALL TABULAR MARKERS SHALL BE 36" MINIMUM HEIGHT AND CONES SHALL BE 28" MINIMUM HEIGHT; THEY SHALL BE RETROREFLECTORIZED IN ACCORDANCE WITH THE MUTCD CA SUPPLEMENT.
- ALL ADVANCE WARNING SIGN INSTALLATIONS SHALL BE EQUIPPED WITH STANDARD ORANGE FLAGS. THEY SHALL NOT BLOCK THE SIGN FACE.
- CONTRACTOR SHALL POST "NO PARKING, TOW-AWAY" SIGNS ON BARRICADES ALONG THE ROADWAY AT LEAST 48 HOURS PRIOR TO THE CONSTRUCTION WORK IN THAT AREA. SHOULD THE CONSTRUCTION WORK NOT OCCUR ON THE SPECIFIED DAY, THE CONTRACTOR SHALL DISTRIBUTE NEW NOTICES.
- WHEN CONSTRUCTION IS NOT BEING PERFORMED, ALL ROADWAYS SHALL BE RETURNED TO THEIR FULL TRAFFIC USAGE BY PLATING OPEN TRENCHES, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES USED FOR TRAFFIC CONTROL OR DETOUR.
- AFTER COMPLETION OF EACH DAY'S WORK, ALL OPEN TRENCHES SHALL BE COVERED WITH STEEL PLATE, OR BACKFILLED, COMPACTED AND AC PAVED FOR NORMAL TRAFFIC DURING NON WORKING HOURS.
- CONTRACTOR SHALL INSTALL "CAUTION STEEL PLATES AHEAD" AND/OR "ROUGH ROAD" SIGNS, IN ADVANCE OF STEEL PLATE BRIDGING.
- CONTRACTOR SHALL RESTORE ANY AND ALL STRIPING, PAVEMENT MARKINGS, SIGNAGE, AND TRAFFIC SIGNAL LOOPS DAMAGED OR REMOVED DURING CONSTRUCTION, TO THE SATISFACTION OF THE ENGINEER.
- CONTRACTOR SHALL HAVE ALL TEMPORARY STRIPING, SIGNS, AND PAVEMENT MARKINGS, UTILIZED FOR TRAFFIC CONTROL, PROPERLY REMOVED TO THE SATISFACTION OF THE ENGINEER UPON COMPLETION OF CONSTRUCTION WORK.
- OPTION: THE "END ROAD WORK" (C14) SIGN MAY NOT BE USED IF THE END OF THE WORK ZONE IS OBVIOUS TO MOTORISTS OR FALLS WITHIN A LARGER PROJECT'S LIMITS.



SIGN PANEL SIZE (MIN.)		LEGEND	
A	36" X 36"	◀	PORTABLE SIGN
B	48" X 18"	W20-1	TRAFFIC CONTROL SIGN CODE

NOTE:
 MUTCD - MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
 ALL SIGN CODES ARE PER CALIFORNIA (CA) MUTCD 2006



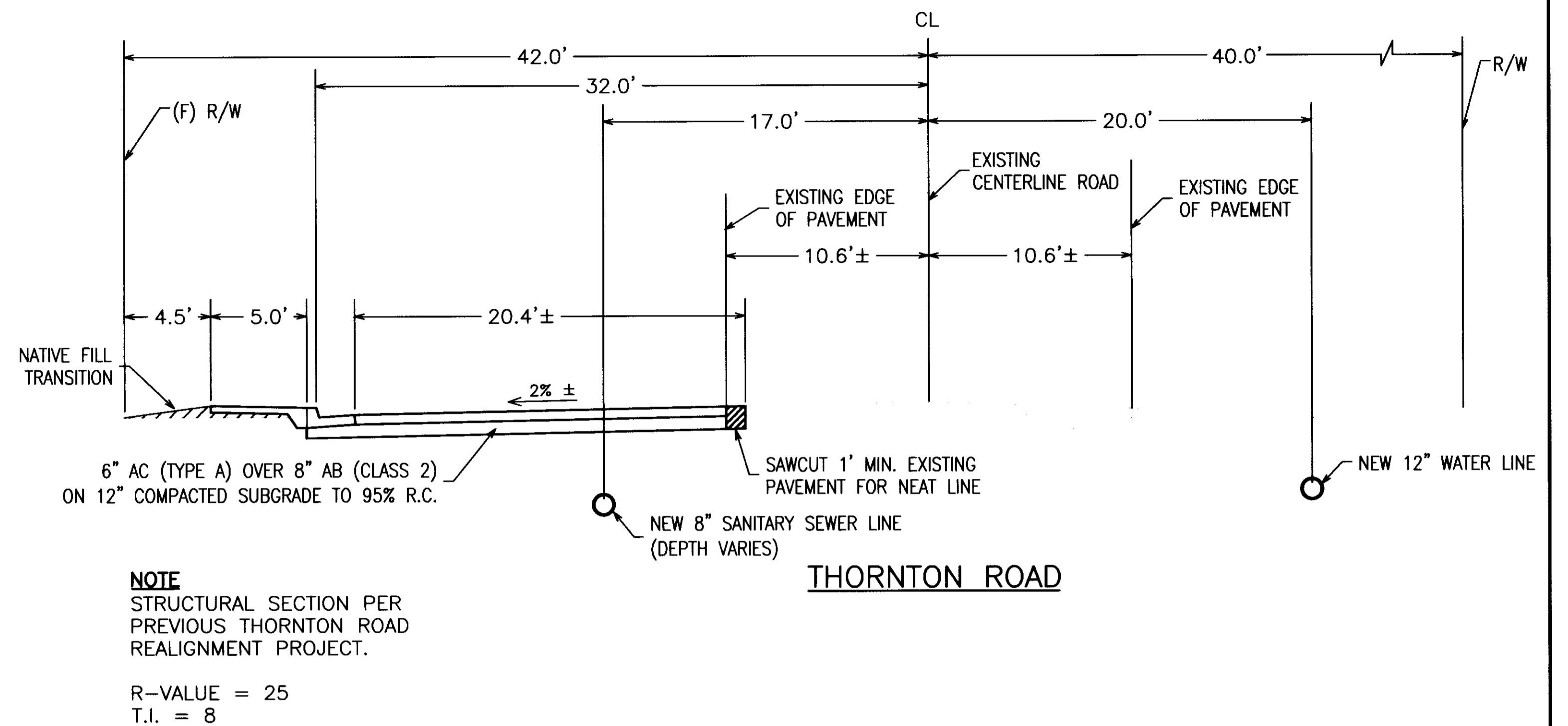
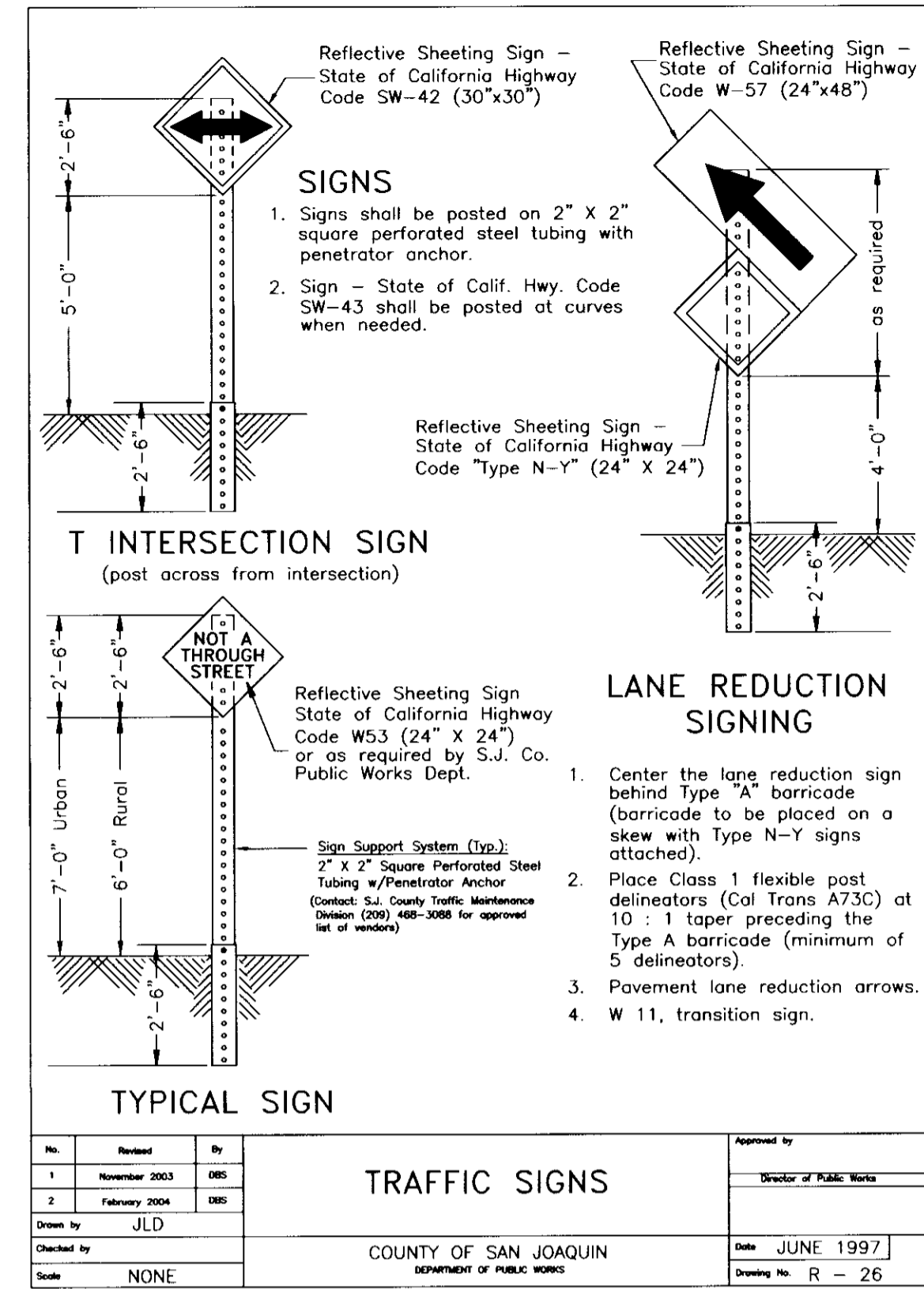
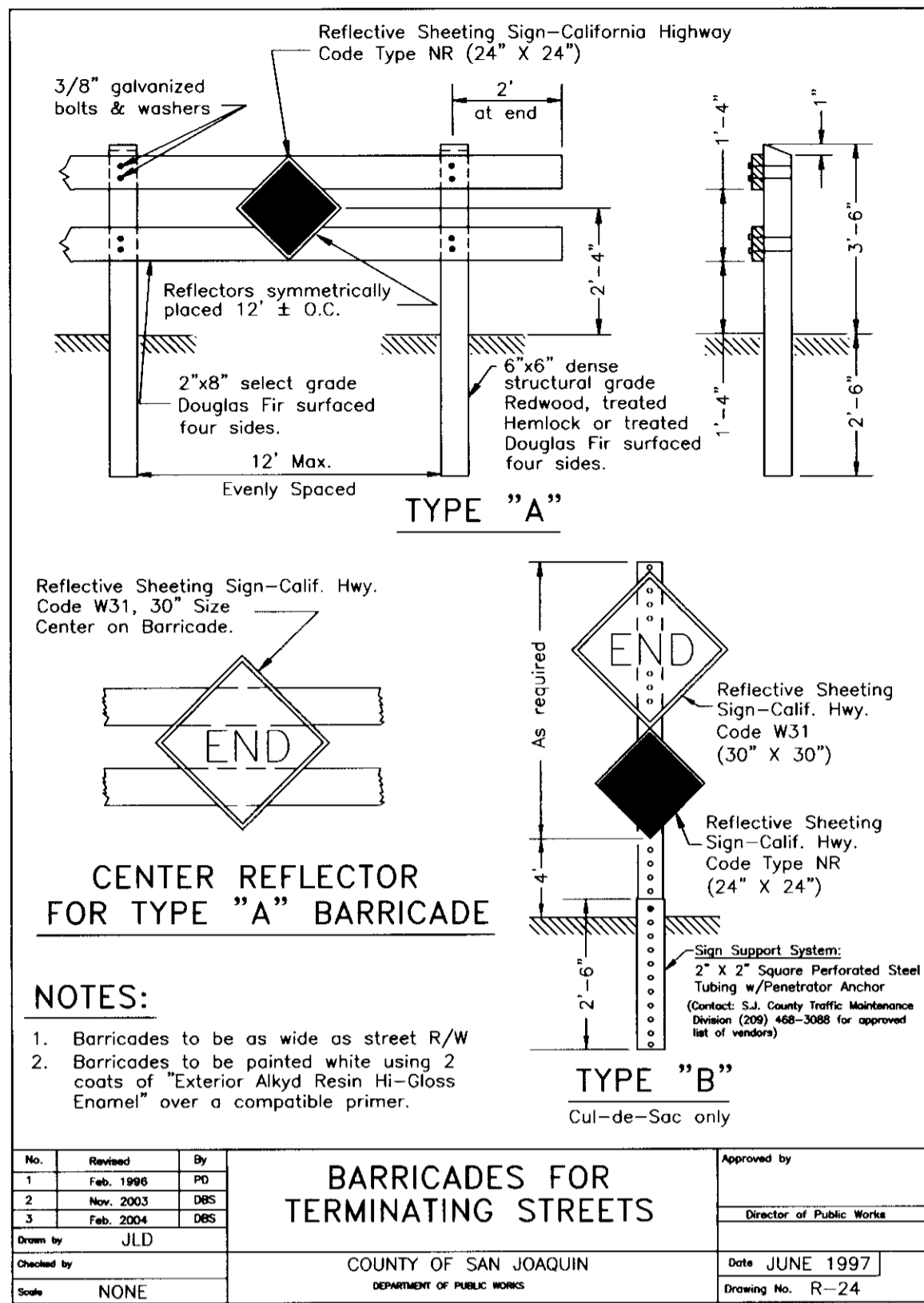
REGISTERED PROFESSIONAL ENGINEER
 STEPHEN K. SINNOCK
 NO. 32192
 EXP. 12/31/2008
 CIVIL
 STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
 JERRETT D. KUJTESKI
 NO. 61888
 EXP. 9/30/2009
 CIVIL
 STATE OF CALIFORNIA

KSN INC.
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 E-mail: KSN@ksninc.com

SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
TRAFFIC CONTROL PLAN

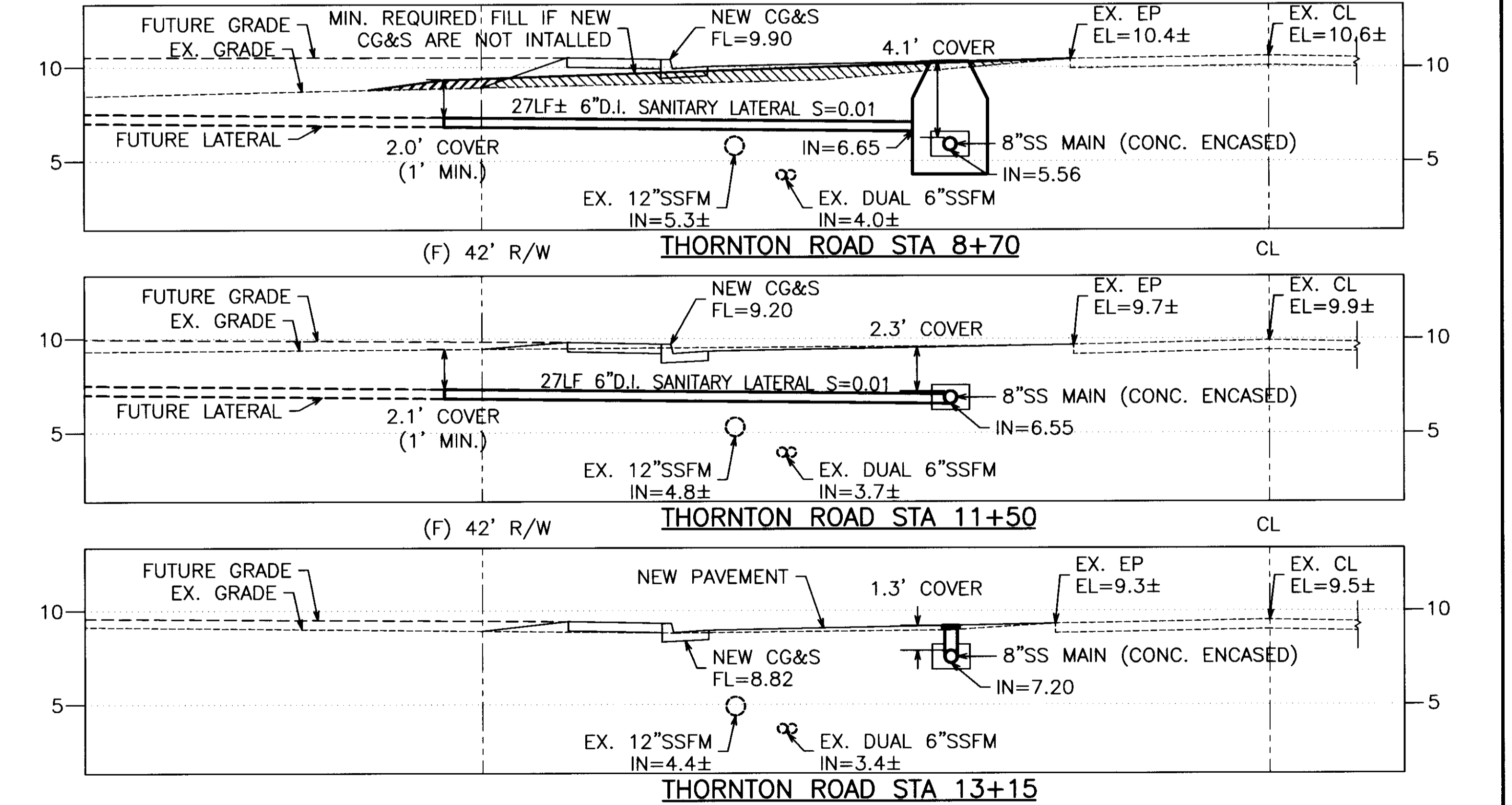
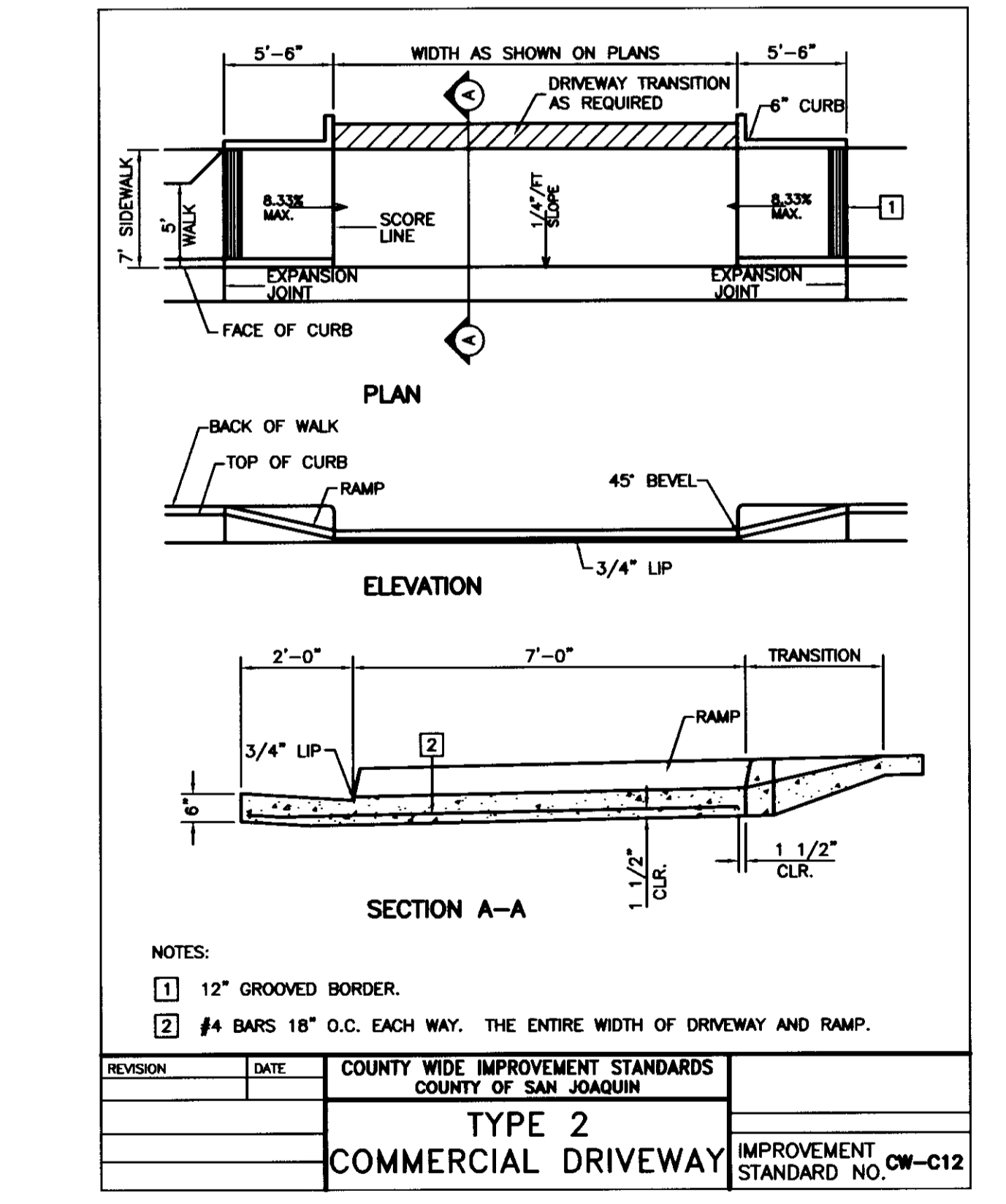
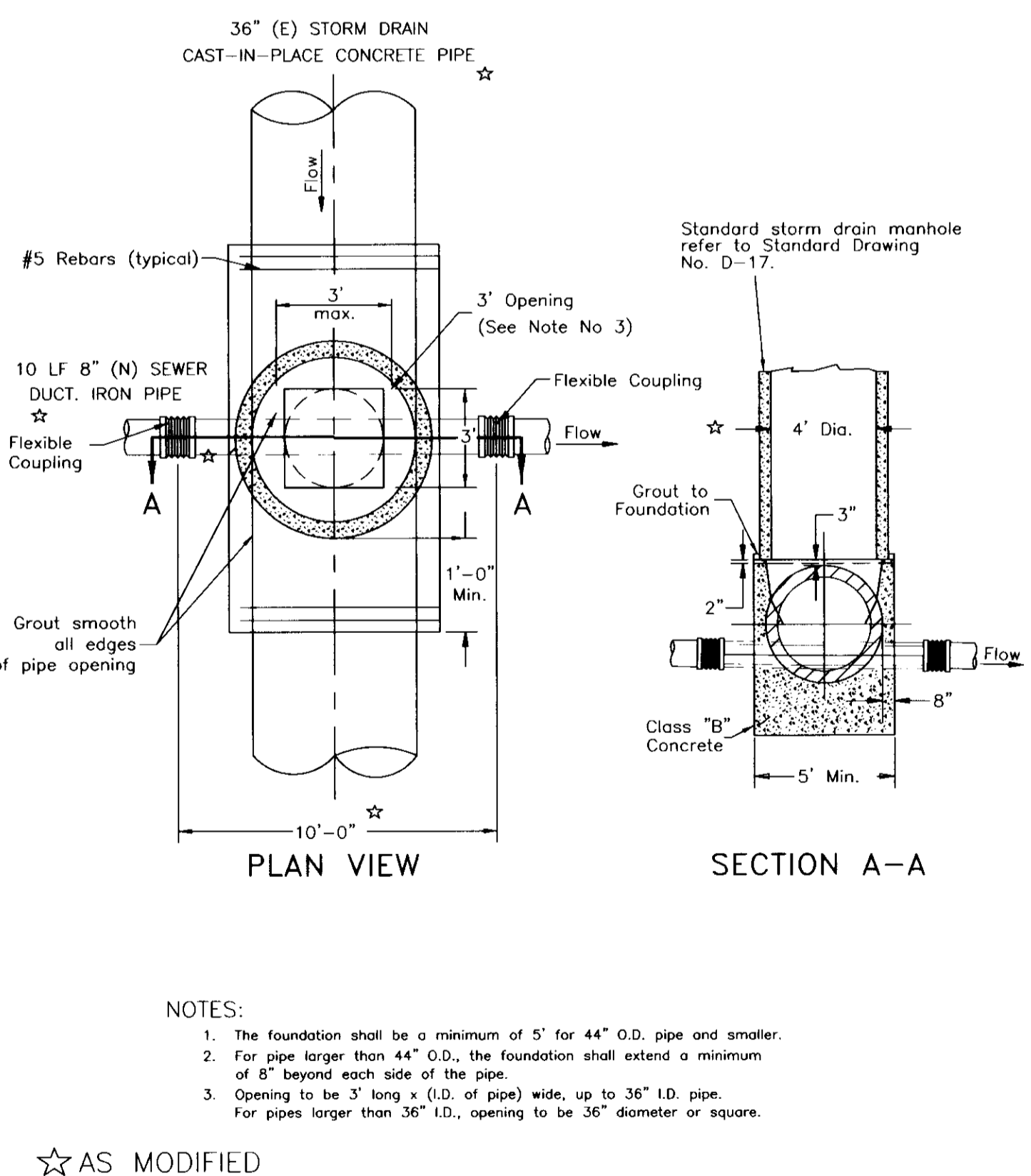
Revisions					Design JDK	Scale 1" = 100'	Date 4/10/08
No.	Description	Date	By	Aprvd. By			
					Drawn JDK	Original Drawing Scale 0 1/2" 1"	Sheet Number 14 Of 15
					Check SKS		Project File No. 1616-0000



1 BARRICADES FOR TERMINATING STREETS
SCALE: NTS

2 TRAFFIC SIGNS
SCALE: NTS

3 TYPICAL SECTION
SCALE: NTS

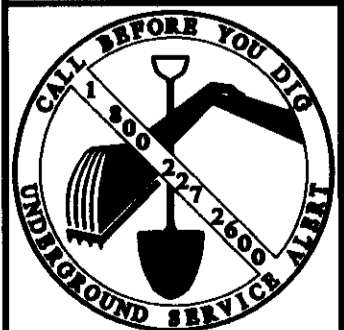


4 MODIFIED SJC D-18 SADDLE-TYPE MANHOLE
SCALE: NTS

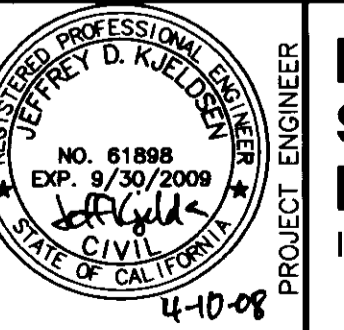
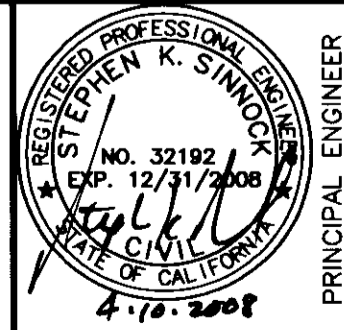
5 TYPE 2 COMMERCIAL DRIVEWAY (CURB RAMP)
SCALE: NTS

6 SERVICE LATERAL CROSS SECTIONS
SCALE: 1" = 5'

SU-442A



THE COUNTY STANDARD PLANS SHOWN HEREON ARE FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO OBTAIN ALL CURRENT STANDARD PLANS AND SPECIFICATIONS AND TO ENSURE THAT THE CONSTRUCTION CONFORMS TO COUNTY REGULATIONS THEREIN.



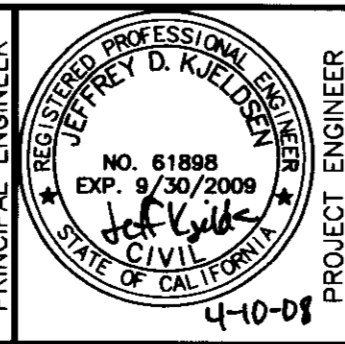
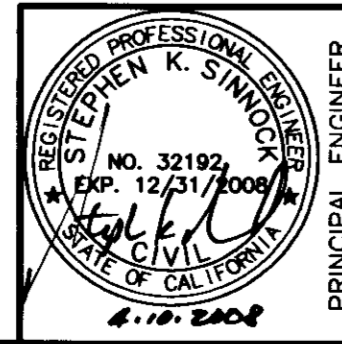
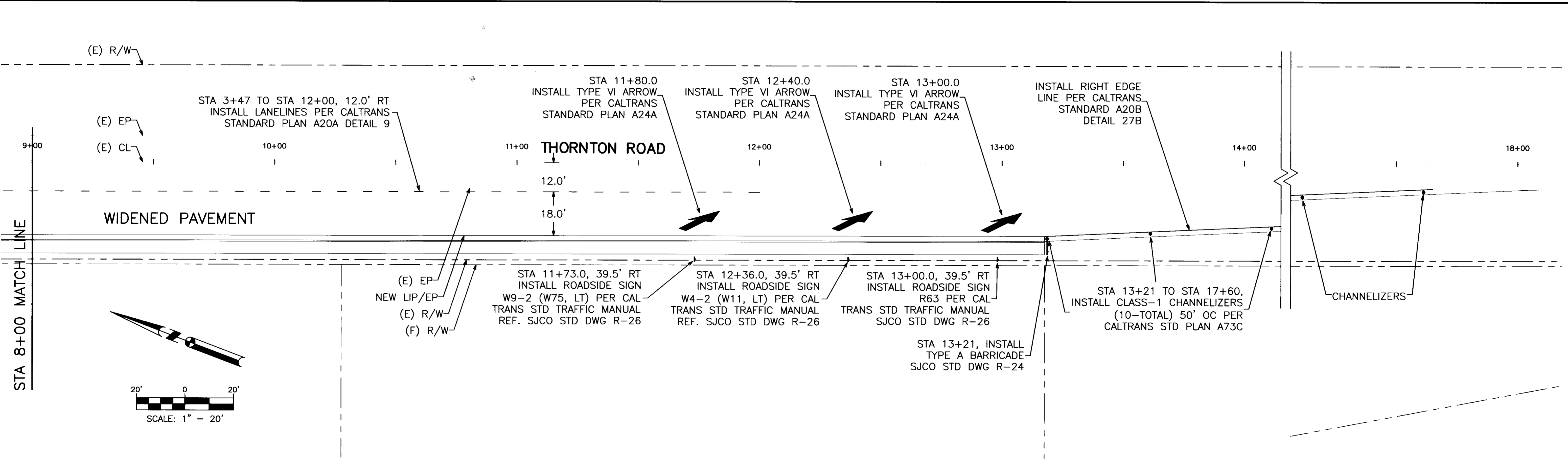
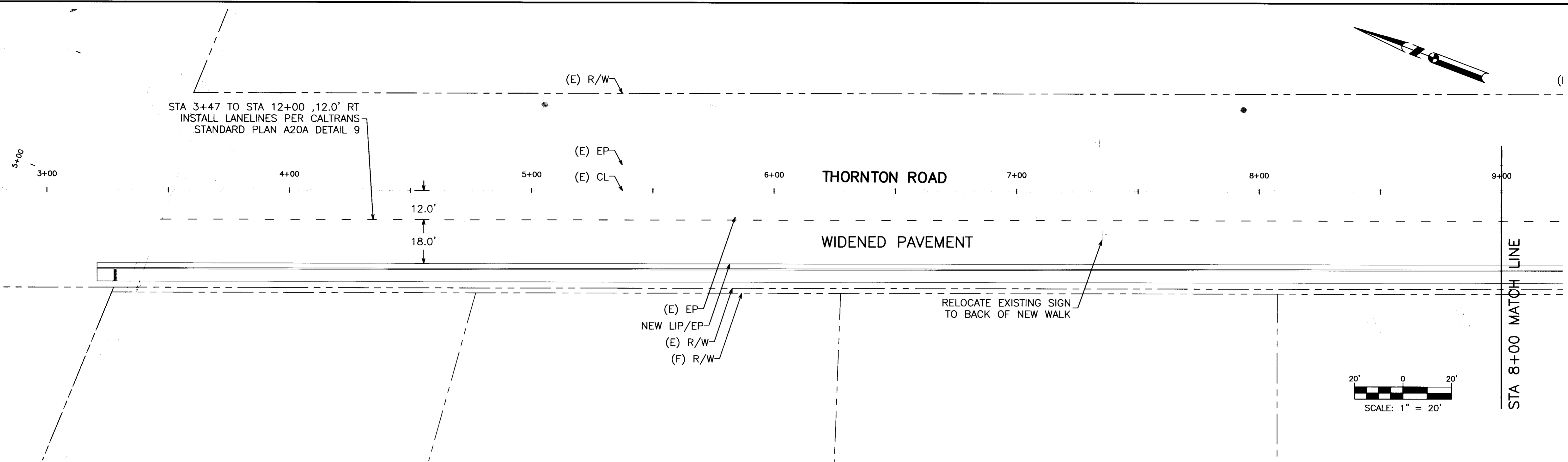
K S SINNOCK NEUDECK INC.
Consulting Engineers and Land Surveyors

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**SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
DETAILS**

Revisions				Design AMC	Scale N.T.S.	Date 4/10/08
No.	Description	Date	By			

Drawn JDK	Original Drawing Scale 0 1/2" 1"	Date 4/10/08
Check SKS		
Sheet Number 13		Of 15
Project File No. 1616-0000		

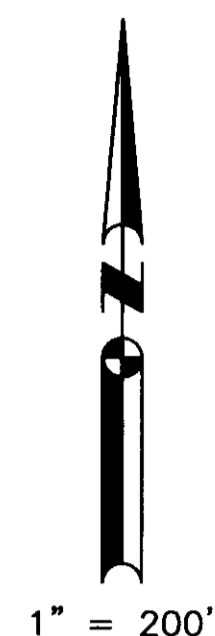


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**SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
MARKERS & STRIPING PLAN**

Revisions				Design AMC	Scale 1" = 20'	Date 4/10/08
No.	Description	Date	By			
					Original Drawing Scale 0 1/2" = 1"	Sheet Number 11 Of 15
						Project File No. 1616-0000

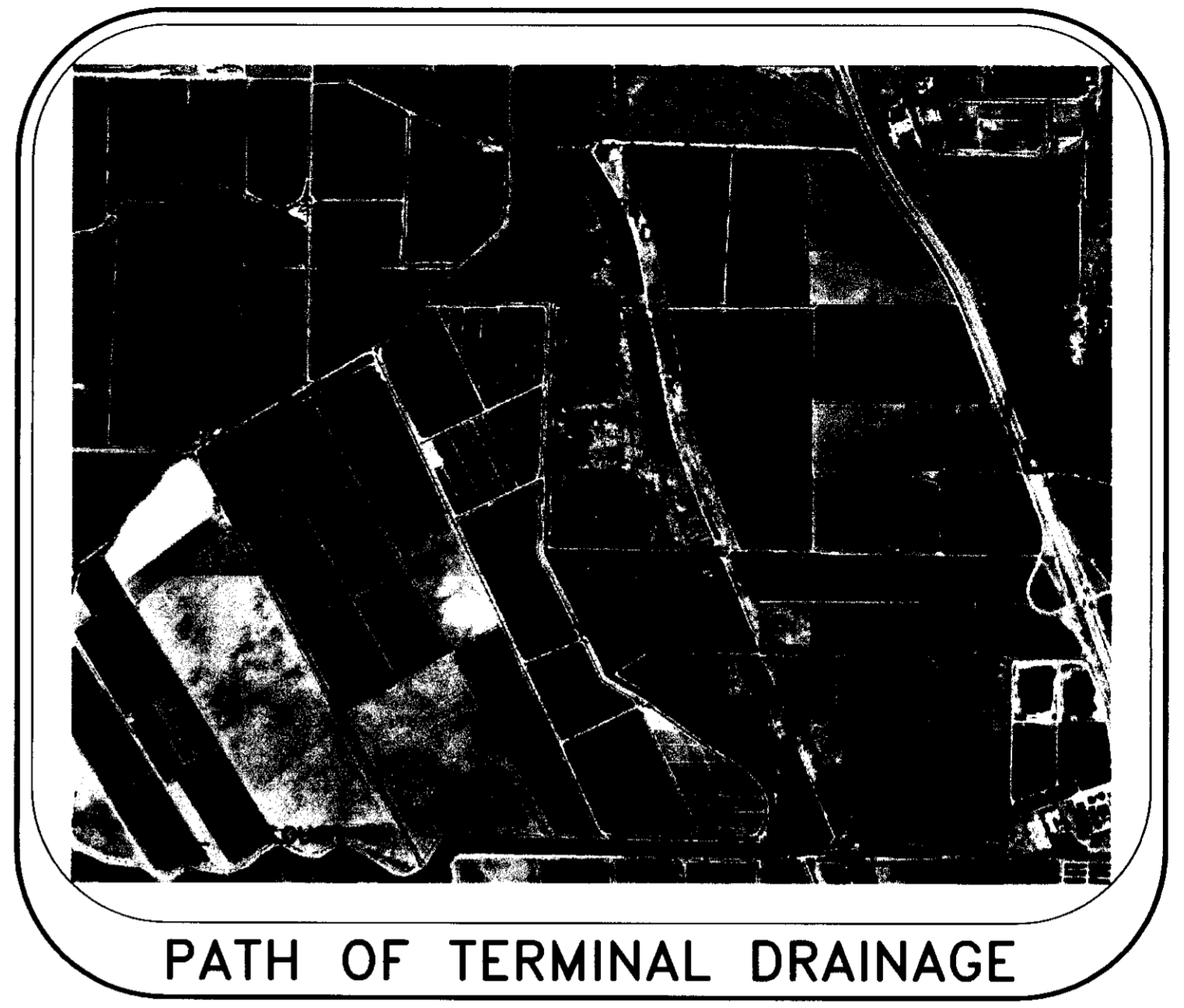


1" = 200'

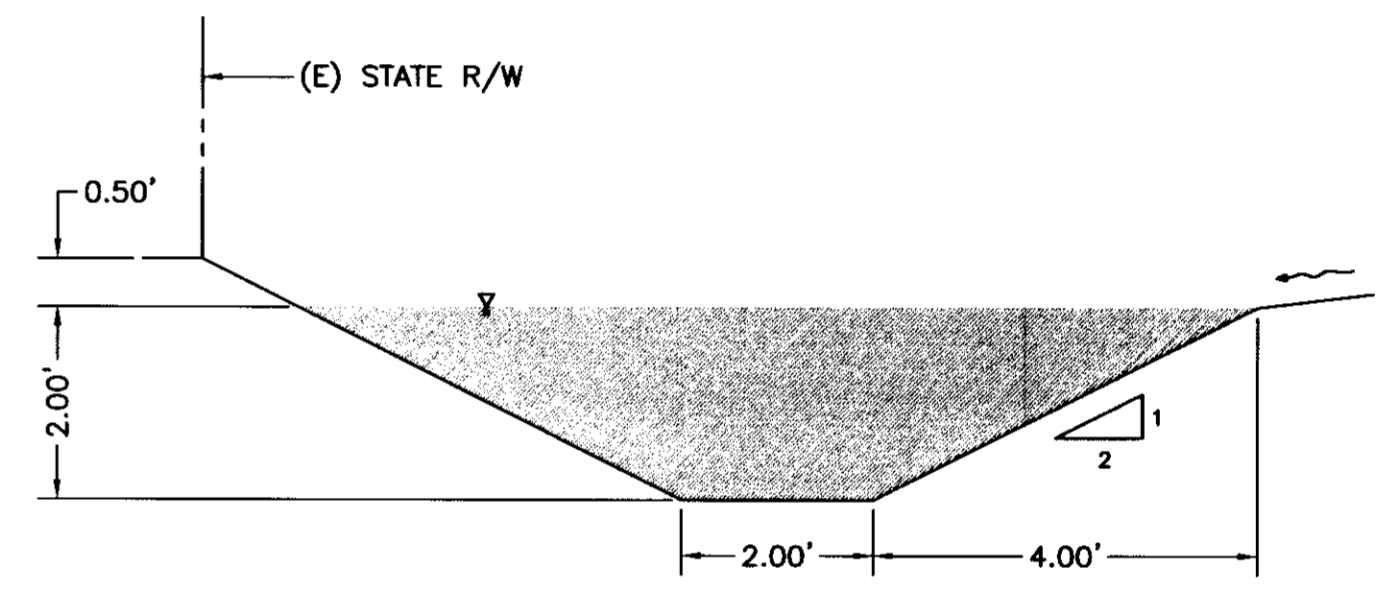
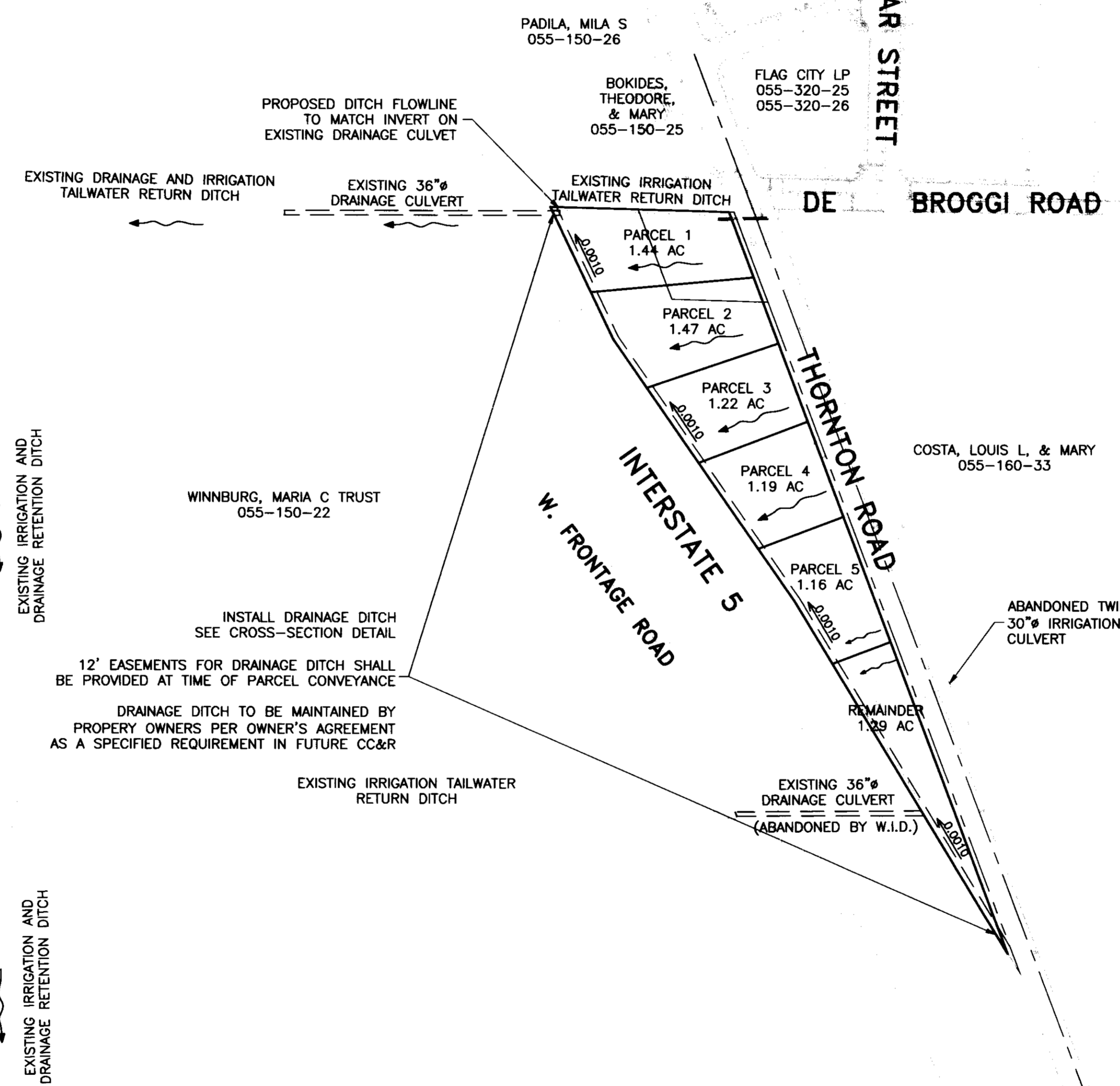
HIGHWAY 12

FLAG CITY

STAR STREET

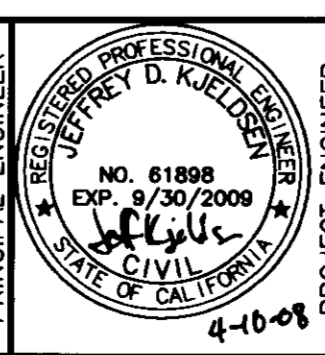
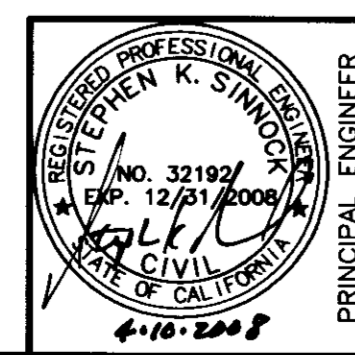
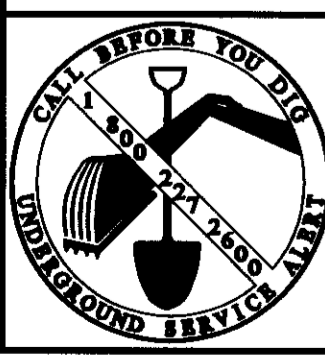


PATH OF TERMINAL DRAINAGE



NEW DRAINAGE DITCH CROSS SECTION (TYP.)
 10-YR DESIGN STORM SCALE: 1" = 2'
 Q=14.99 CFS (MAX)
 n=0.0400
 S=0.0010

INSTALL DRAINAGE DITCH SEE CROSS-SECTION DETAIL
 12' EASEMENTS FOR DRAINAGE DITCH SHALL BE PROVIDED AT TIME OF PARCEL CONVEYANCE
 DRAINAGE DITCH TO BE MAINTAINED BY PROPERTY OWNERS PER OWNER'S AGREEMENT AS A SPECIFIED REQUIREMENT IN FUTURE CC&R



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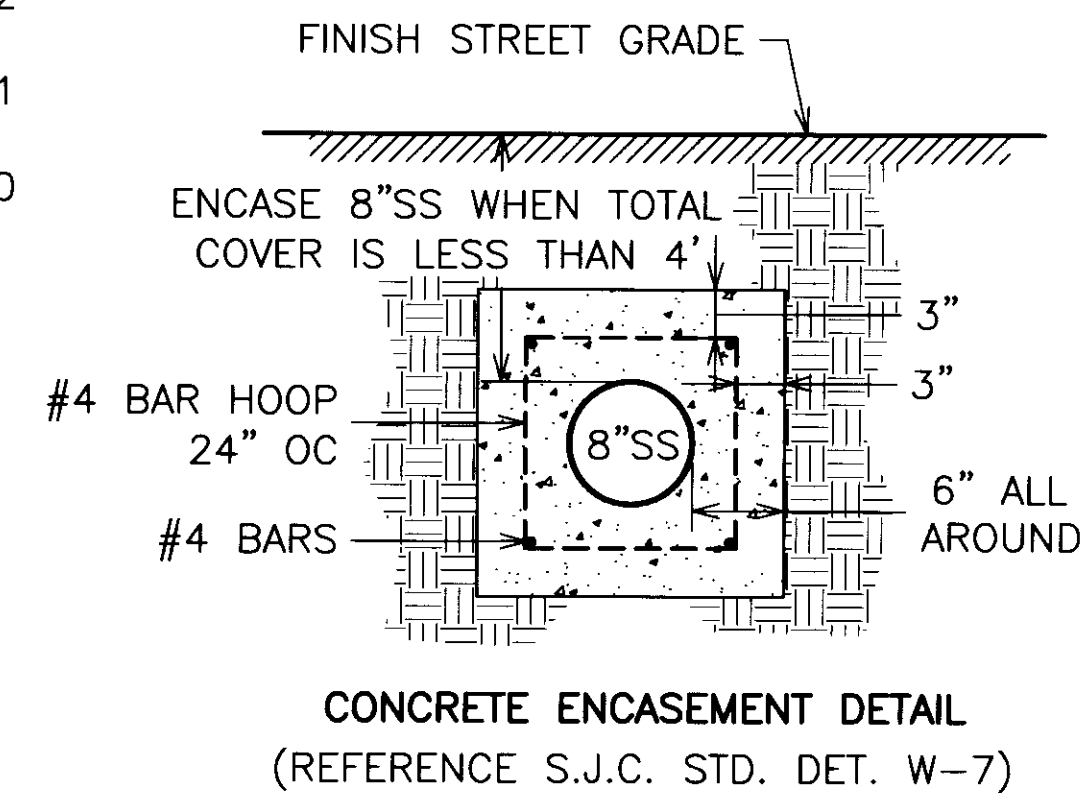
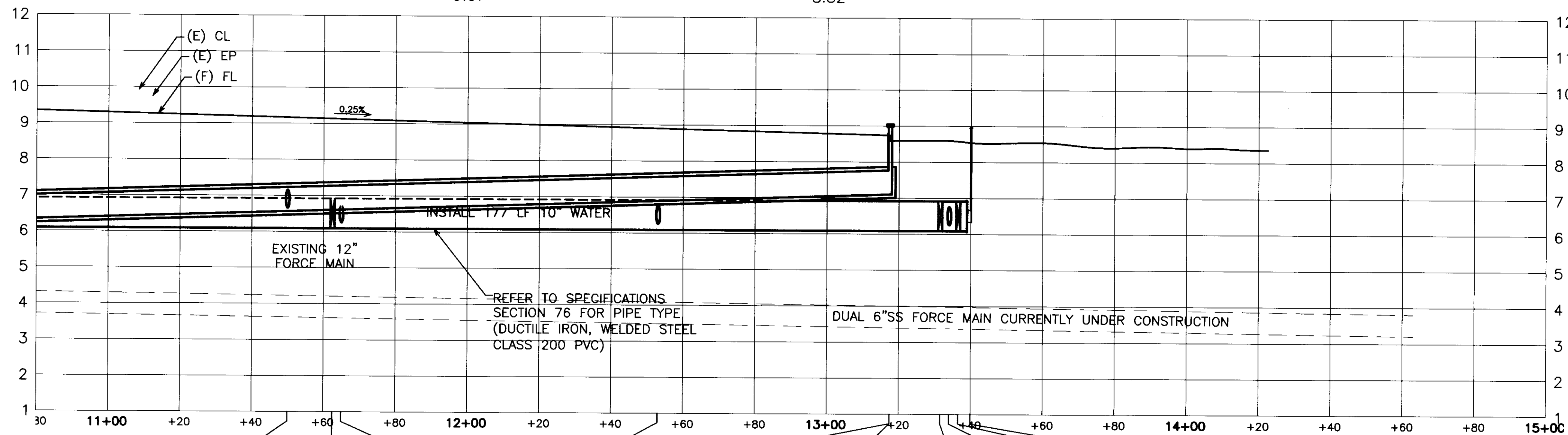
SAN JOAQUIN COUNTY
 THORNTON ROAD
 FRONTAGE IMPROVEMENT PLANS
 STORM DRAINAGE PLAN

Revisions				
No.	Description	Date	By	Aprvd. By

Design: JDK
 Drawn: JDK
 Check: SKS

Scale: AS SHOWN
 Original Drawing Scale: 0 1/2" = 1"
 Date: 4/10/08
 Sheet Number: 10 of 15
 Project File No.: 1616-0000

GRADES @ (E) CL	1.0±	9.9±	9.9±	9.8±	9.8±	9.8±	9.7±	9.7±	9.7±	9.6±	9.6±	9.5±	9.5±	9.5±	9.5±	9.5±	9.5±
GRADES @ (E) EP (WEST SIDE)	3±	9.8±	9.7±	9.7±	9.6±	9.6±	9.5±	9.5±	9.4±	9.4±	9.3±	9.3±	9.3±	9.3±	9.3±	9.3±	9.3±
GRADES @ (N) LIP/EP		9.45					9.20					8.95					
GRADES @ (N) FL		9.32					9.07					8.82					



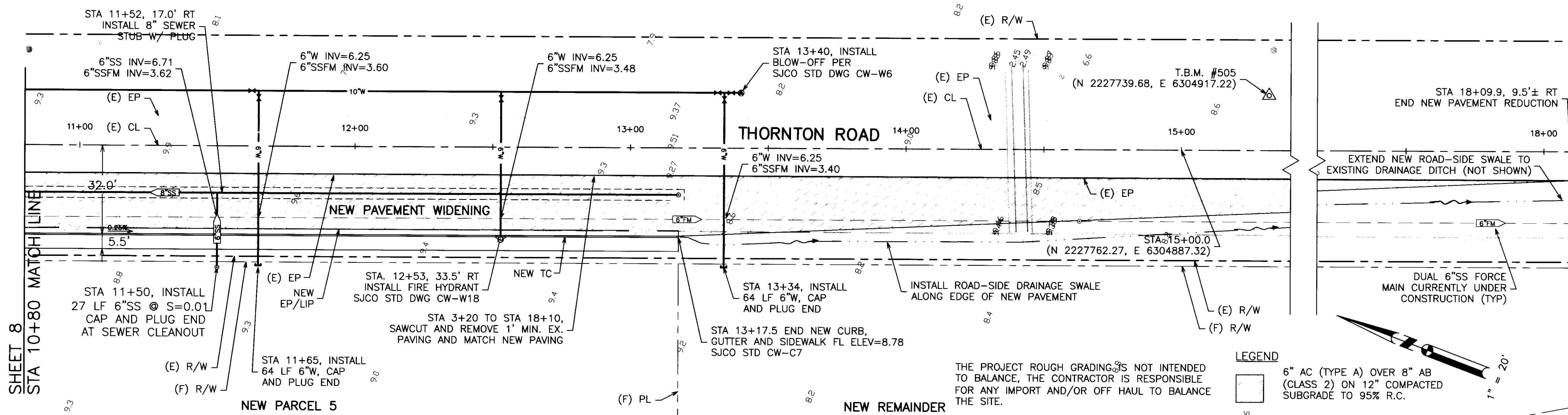
NOTES

THE OFF-SITE ROUGH GRADING IS NOT INTENDED TO BALANCE, THE CONTRACTOR IS RESPONSIBLE FOR ANY IMPORT AND/OR OFF HAUL TO BALANCE THE SITE.

GATE VALVES SHALL BE USED FOR ALL WATER LINES (PER SJC STANDARD 4.31.C.3 LATEST EDITION).

IF NEW WATER SERVICE LOCATIONS CONFLICT WITH EXISTING FORCE MAIN OR PROPOSED SEWER, THE WATER SERVICE SHALL BE INSTALLED ABOVE THE CONFLICTING LINE IF 3 FEET OF GROUND COVER CAN BE PROVIDED. IF GROUND COVER IS LESS THAN 3 FEET, THE WATER SERVICE SHALL BE INSTALLED UNDER THE CONFLICTING LINE.

ALL SERVICE LATERALS, WHEN INSTALLED, SHALL HAVE NOT LESS THAN 1-FOOT TOTAL COVER OVER PIPE.



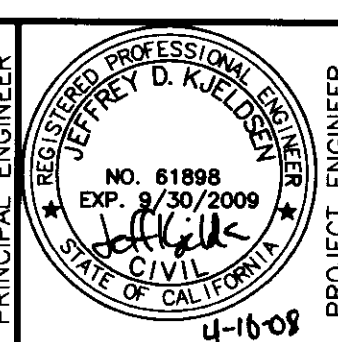
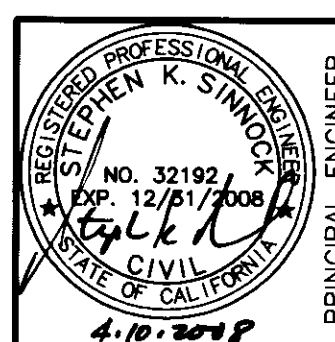
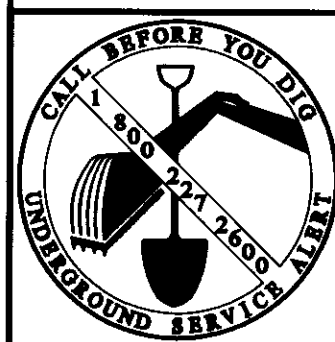
LEGEND

6" AC (TYPE A) OVER 8" AB (CLASS 2) ON 12" COMPACTED SUBGRADE TO 95% R.C.

THE PROJECT ROUGH GRADING IS NOT INTENDED TO BALANCE, THE CONTRACTOR IS RESPONSIBLE FOR ANY IMPORT AND/OR OFF HAUL TO BALANCE THE SITE.

SHEET 8
STA 10+80 MATCH LINE

54-4406



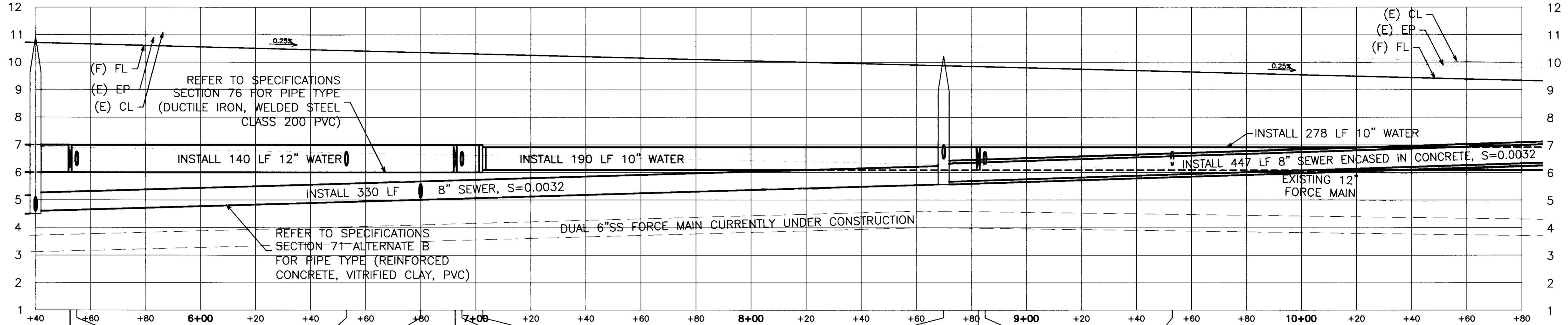
K S INC.
KJELLDSEN SINNOCK NEUDECK
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**SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
PLAN & PROFILE**

Revisions				Design	Scale	Date
No.	Description	Date	By	AMC	1" = 20' (H) 1" = 2' (V)	4/10/08
				Drawn	JDK	Sheet Number
				Check	SKS	9 of 15
					Original Drawing Scale 0 1/2" 1"	Project File No. 1616-0000

GRADES @ (E) CL	11.2±	11.2±	11.1±	11.1±	11.0±	11.0±	11.0±	10.9±	10.9±	10.9±	10.8±	10.8±	10.8±	10.7±	10.7±	10.6±	10.6±	10.6±	10.5±	10.4±	10.4±	10.3±	10.3±	10.2±	10.1±	10.1±	10.0±	10.0±
GRADES @ (E) EP (WEST SIDE)	11.0±	11.0±	10.9±	10.9±	10.8±	10.8±	10.8±	10.7±	10.7±	10.6±	10.6±	10.6±	10.5±	10.5±	10.5±	10.5±	10.4±	10.3±	10.3±	10.2±	10.1±	10.1±	10.0±	10.0±	9.9±	9.9±	9.8±	9.8±
GRADES @ (N) LIP/EP				10.70					10.45					10.20					9.95					9.70				
GRADES @ (N) FL				10.57					10.32					10.07					9.82					9.57				



- STA 5+52.5, 20.0' LT
INSTALL 12" GATE VALVE
- STA 5+55.0, 20.0' LT
INSTALL 6"W LATERAL WITH GATE VALVE
- STA 6+53.0, 33.0' RT
INSTALL FIRE HYDRANT SJCO STD DWG CW-W18
- STA 6+80.0, 17.0' RT
INSTALL 6"SS LATERAL INV=4.95 WEST
- STA 6+92.5, 20.0' LT
INSTALL 12" GATE VALVE
- STA 6+95.0, 20.0' LT
INSTALL 6"W LATERAL WITH GATE VALVE
- STA 7+02.6, 20.0' LT
INSTALL 12" TO 10" REDUCER
- STA 8+70.0, 17.0' RT
INSTALL SANITARY SEWER MAINTENANCE HOLE INV=5.56 NORTH INV=5.66 SOUTH INV=6.65 WEST
- STA 8+82.5, 20.0' LT
INSTALL 10" GATE VALVE
- STA 8+85.0, 25.0' LT
INSTALL 6"W LATERAL WITH GATE VALVE
- STA 9+53.0, 33.0' RT
INSTALL FIRE HYDRANT SJCO STD DWG CW-W18

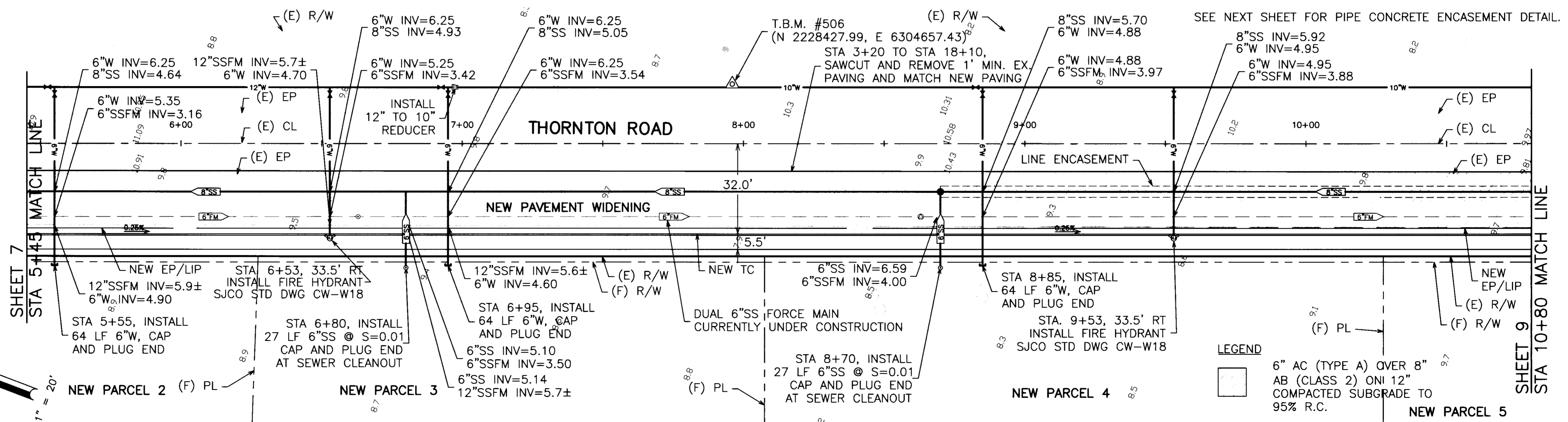
NOTES

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GATE VALVES SHALL BE USED FOR ALL WATER LINES (PER SJC STANDARD 4.31.C.3 LATEST EDITION).

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ALL SERVICE LATERALS, WHEN INSTALLED, SHALL HAVE NOT LESS THAN 1-FOOT TOTAL COVER OVER PIPE.

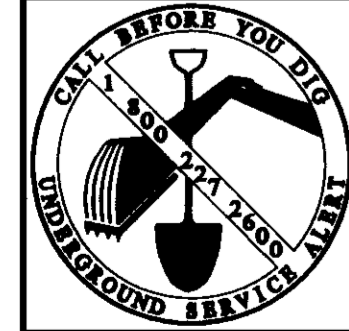


SEE NEXT SHEET FOR PIPE CONCRETE ENCASEMENT DETAIL.

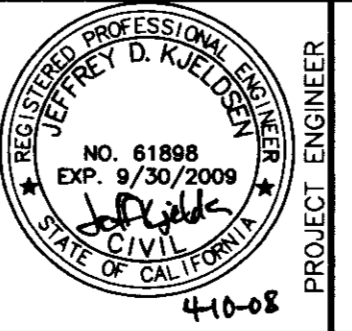
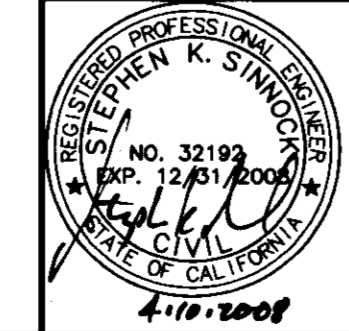
LEGEND

- 6" AC (TYPE A) OVER 8"
- AB (CLASS 2) ONI 12"
- COMPACTED SUBGRADE TO 95% R.C.

Su-4407



THE PROJECT ROUGH GRADING IS NOT INTENDED TO BALANCE, THE CONTRACTOR IS RESPONSIBLE FOR ANY IMPORT AND/OR OFF HAUL TO BALANCE THE SITE.



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 E-mail: KSN@ksninc.com

SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
PLAN & PROFILE

Revisions		Date	By	Appr. By
No.	Description			

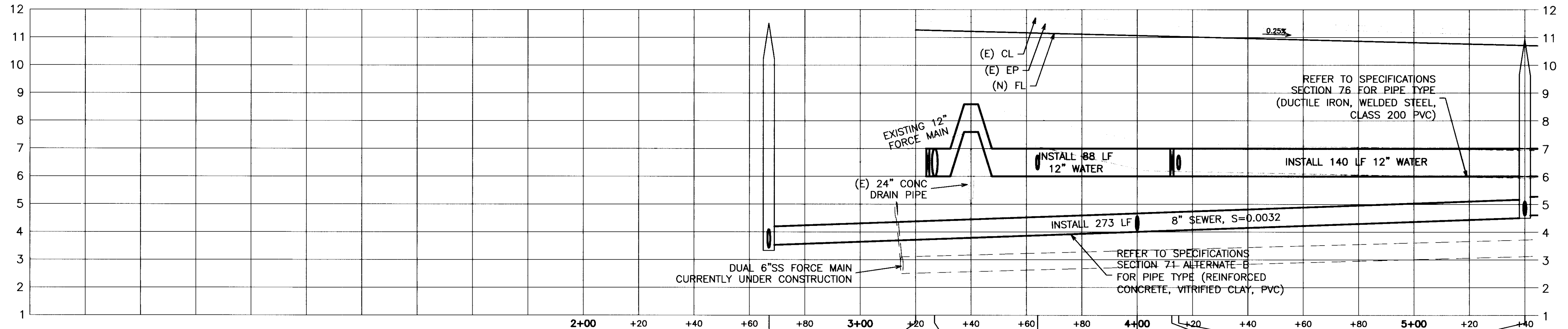
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 Check **SKS**

Scale
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 1" = 2' (V)
 Original Drawing Scale
 0 1/2" = 1"

Date **4/10/08**
 Sheet Number **8** Of **15**
 Project File No. **1616-0000**

GRADES (E) CL
 GRADES (E) EP (WEST SIDE)
 GRADES (N) LIP/EP
 GRADES (N) FL

11.7± 11.7± 11.7± 11.7± 11.8± 11.8± 11.8± 11.8± 11.7± 11.7± 11.6± 11.6± 11.5± 11.5± 11.4± 11.4± 11.3± 11.2
 11.5± 11.5± 11.5± 11.4± 11.4± 11.3± 11.3± 11.2± 11.2± 11.095
 11.07 10.82



NOTES

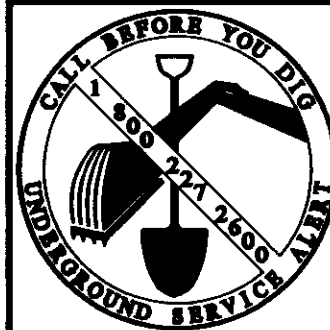
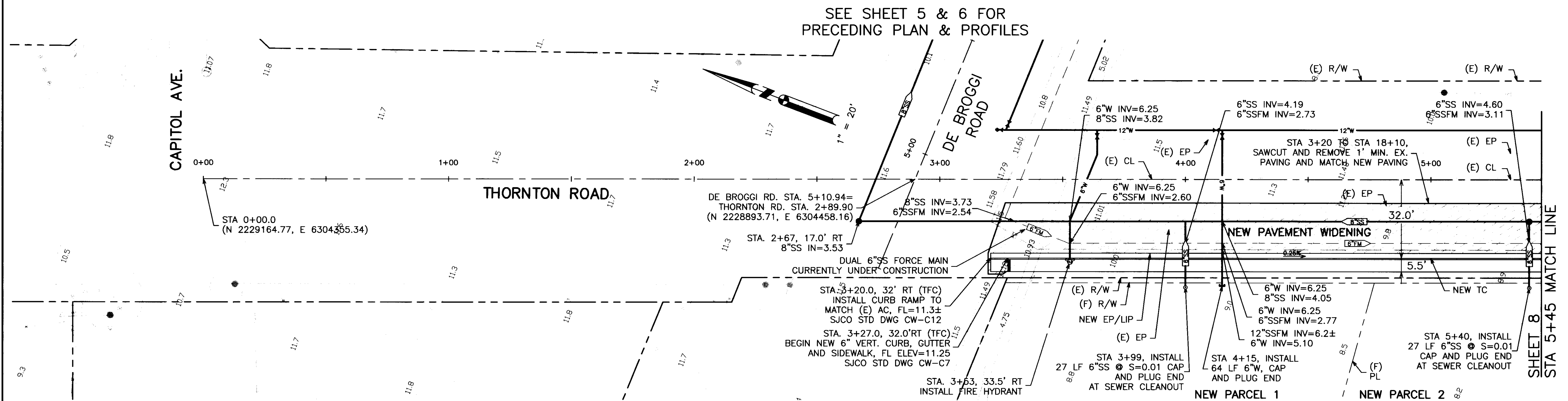
THE OFF-SITE ROUGH GRADING IS NOT INTENDED TO BALANCE, THE CONTRACTOR IS RESPONSIBLE FOR ANY IMPORT AND/OR OFF HAUL TO BALANCE THE SITE.

GATE VALVES SHALL BE USED FOR ALL WATER LINES (PER SJC STANDARD 4.31.C.3 LATEST EDITION).

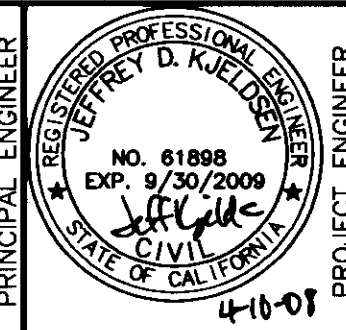
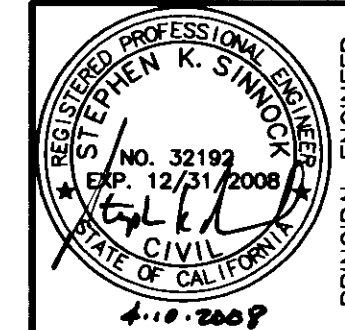
IF NEW WATER SERVICE LOCATIONS CONFLICT WITH EXISTING FORCE MAIN OR PROPOSED SEWER, THE WATER SERVICE SHALL BE INSTALLED ABOVE THE CONFLICTING LINE IF 3 FEET OF GROUND COVER CAN BE PROVIDED. IF GROUND COVER IS LESS THAN 3 FEET, THE WATER SERVICE SHALL BE INSTALLED UNDER THE CONFLICTING LINE.

ALL SERVICE LATERALS, WHEN INSTALLED, SHALL HAVE NOT LESS THAN 1-FOOT TOTAL COVER OVER PIPE.

- STA 2+67.1, 17.0' RT INV=3.53 SOUTH
- STA 3+20.0, 32' RT INSTALL CURB RAMP TO MATCH (E) AC, FL=11.3± SJCO STD DWG CW-C11
- STA 3+25.0, 32.0' RT BEGIN NEW CURB, GUTTER AND SIDEWALK FL=11.25 SJCO STD DWG CW-C7
- STA 3+64.0 INSTALL 27 LF 6" SS @ S=0.01 CAP AND PLUG END AT SEWER CLEANOUT
- STA 4+00.0, 17.0' RT INSTALL 6" SS LATERAL INV=4.10 WEST
- STA 4+12.5, 20.0' LT INSTALL 12" GATE VALVE
- STA 4+15.0, 20.0' LT INSTALL 6" W LATERAL WITH GATE VALVE
- STA 5+40.0, 17.0' RT INSTALL SANITARY SEWER MAINTENANCE HOLE INV=4.40 NORTH INV=4.50 SOUTH INSTALL 6" SS LATERAL INV=4.50 WEST



LEGEND
 6" AC (TYPE A) OVER 8" AB (CLASS 2) ON 12" COMPACTED SUBGRADE TO 95% R.C.



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SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
PLAN & PROFILE

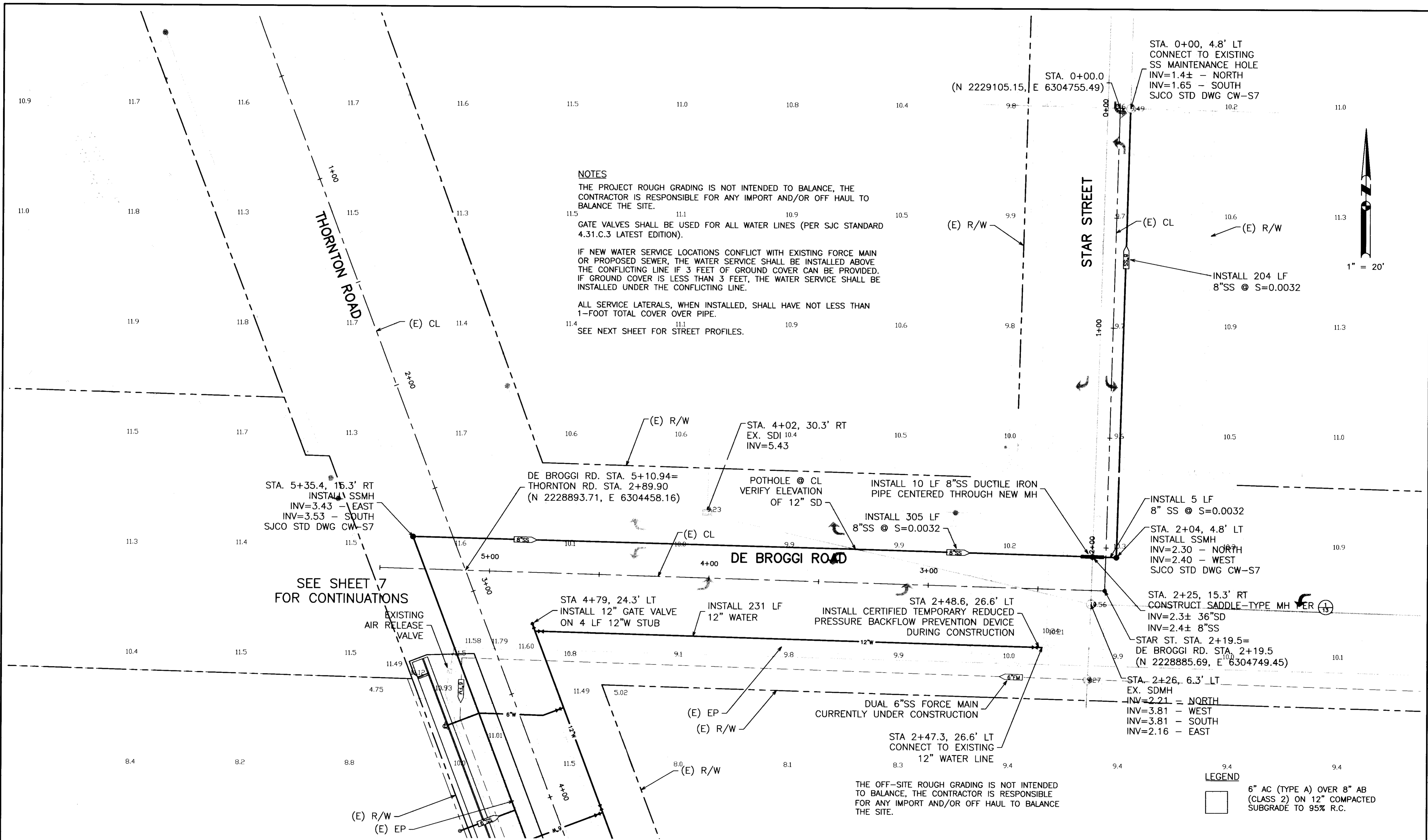
Revisions				
No.	Description	Date	By	Aprvd. By

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 Drawn **JDK**
 Check **SKS**

Scale
 1" = 20' (H)
 1" = 2' (V)
 Original Drawing Scale
 0 1/2" = 1"

Date **4/10/08**
 Sheet Number **7** Of **15**
 Project File No. **1616-0000**

SU-4408



NOTES

THE PROJECT ROUGH GRADING IS NOT INTENDED TO BALANCE, THE CONTRACTOR IS RESPONSIBLE FOR ANY IMPORT AND/OR OFF HAUL TO BALANCE THE SITE.

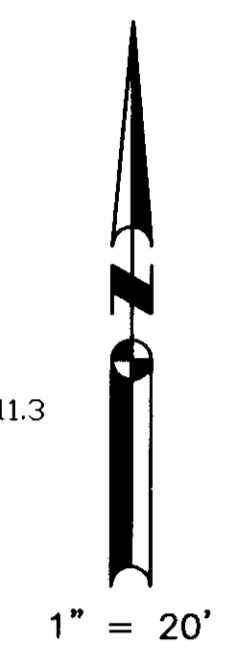
GATE VALVES SHALL BE USED FOR ALL WATER LINES (PER SJC STANDARD 4.31.C.3 LATEST EDITION).

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ALL SERVICE LATERALS, WHEN INSTALLED, SHALL HAVE NOT LESS THAN 1-FOOT TOTAL COVER OVER PIPE.

SEE NEXT SHEET FOR STREET PROFILES.

STA. 0+00, 4.8' LT
CONNECT TO EXISTING
SS MAINTENANCE HOLE
INV=1.4± - NORTH
INV=1.65 - SOUTH
SJC STD DWG CW-S7

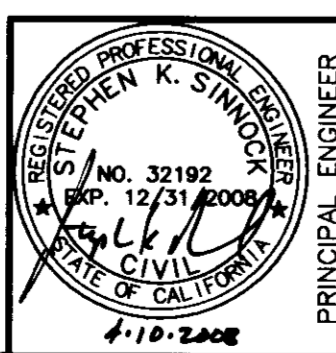
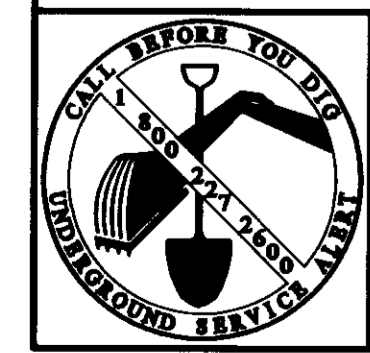


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LEGEND

6" AC (TYPE A) OVER 8" AB
(CLASS 2) ON 12" COMPACTED
SUBGRADE TO 95% R.C.

SEE SHEET 7
FOR CONTINUATIONS



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**SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
PLAN**

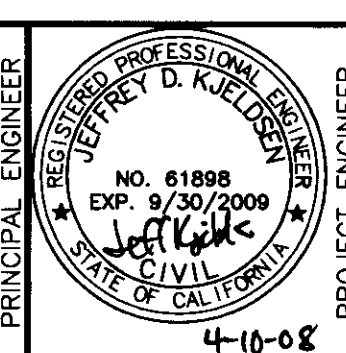
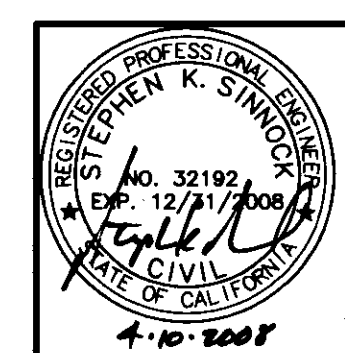
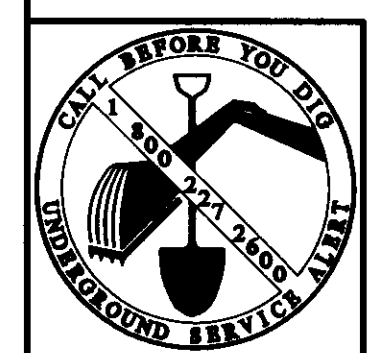
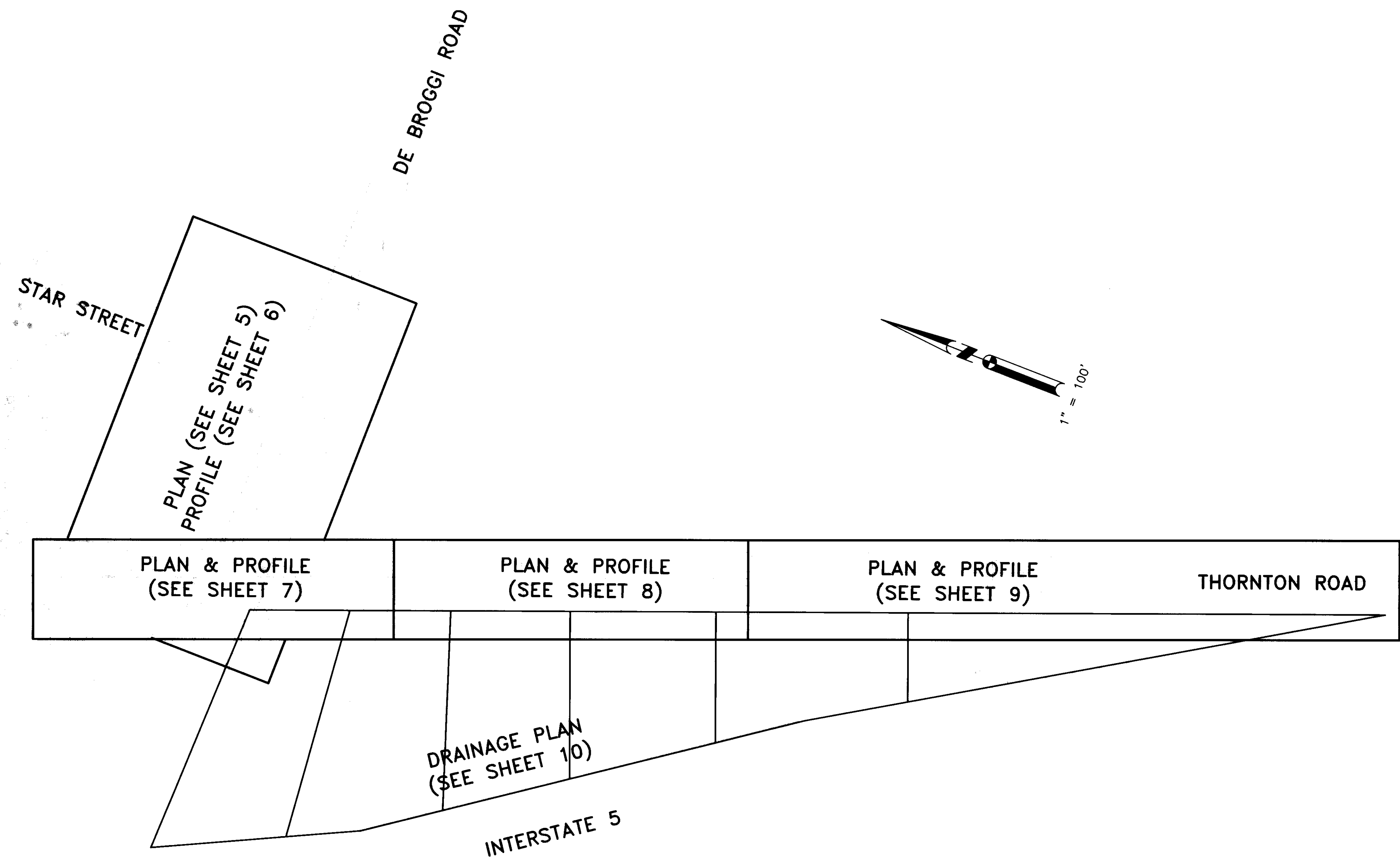
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No.	Description	Date	By	Appr. By

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Drawn **JDK**
Check **SKS**

Scale
1" = 20'
Original Drawing Scale
0 1/2" 1"

Date **4/10/08**
Sheet Number
5 Of 15
Project File No.
1616-0000

Handwritten notes and faint drawings on the left side of the sheet.



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SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
KEY SHEET

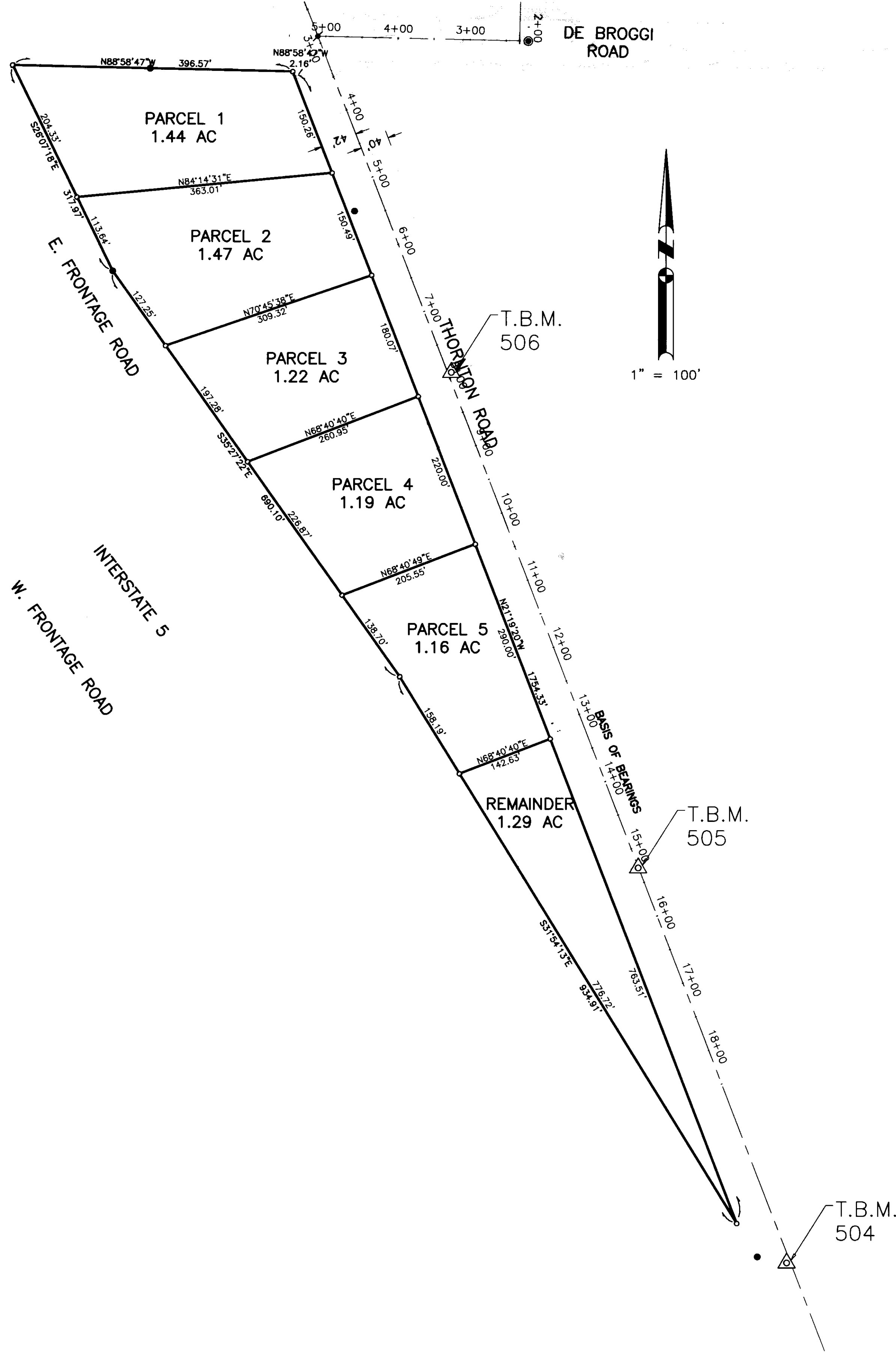
Revisions				
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 Check **SKS**

Scale
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 Original Drawing Scale
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Date **4/10/08**
 Sheet Number **4** Of 15
 Project File No. **1616-0000**

SU 4411



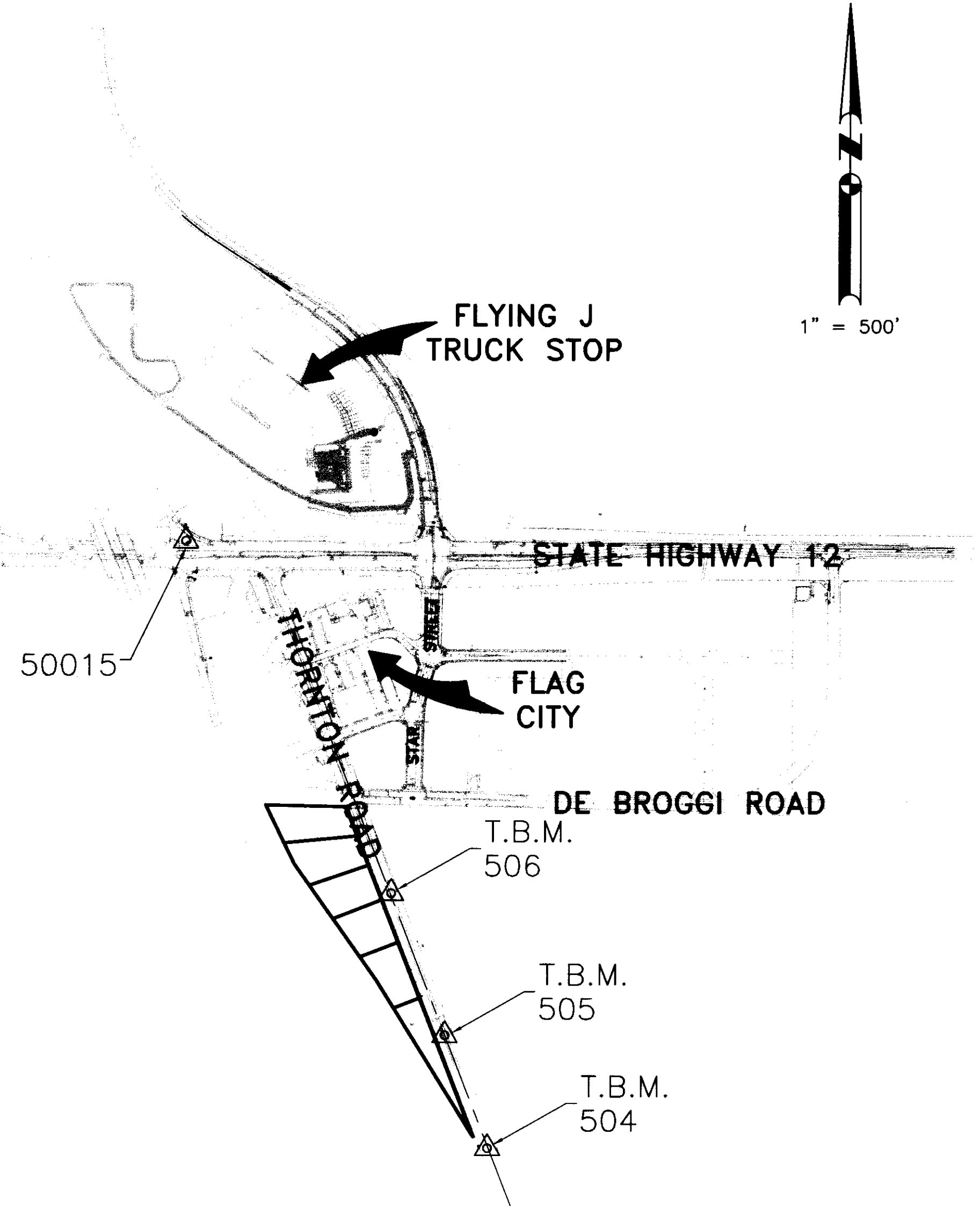
WINNBURG, MARIA
C TRUST
055-150-22



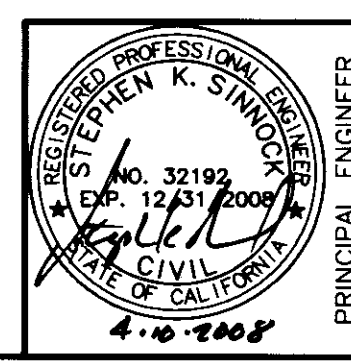
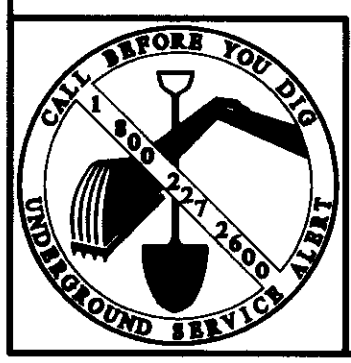
Point Number	Northing	Easting	Elevation	Description
8	2236097.61	6303175.23	9.71	C464, A BENCH MARK DISK SET IN TOP OF CONCRETE MONUMENT STAMPED "C 464 1951" LOCATED APPROX. 1.1 MILE NORTH ALONG THORNTON ROAD FROM THE INTERSECTION OF HIGHWAY 12 AND THORNTON ROAD, ABOUT 400' NORTHWEST OF AND ACROSS THORNTON ROAD FROM A POWER LINE TRANSMISSION TOWER, ON THE EAST SIDE OF THORNTON ROAD.
504	2227191.45	6305123.81	8.30	SET A 5/8" REBAR WITH CAP 7 FT EAST OF THORNTON ROAD PAVEMENT EDGE.
505	2227739.68	6304917.22	8.23	SET A 5/8" REBAR WITH CAP 10 FT EAST OF THORNTON ROAD PAVEMENT EDGE.
506	2228427.99	6304657.43	9.05	SET A 5/8" REBAR WITH CAP 10 FT EAST OF THORNTON ROAD PAVEMENT EDGE.
50015	2230135.94	6303659.36	12.39	PK FOUND PK & SHINER IN CENTER OF PAINTED AERIAL PHOTO CROSS LOCATED IN SOUTHEAST PORTION OF TRIANGLE ISLAND, NORTH OF WESTBOUND HIGHWAY 12 AT NORTHBOUND INTERSTATE 5 ON-RAMP.

BASIS OF CONTROL:
BEARINGS AND DISTANCES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3 (CCS83-III) AS REFERENCED BY AVAILABLE NGS PUBLISHED CONTROL MONUMENTS. GRID DISTANCES SHOWN MUST BE MULTIPLIED BY 1.00005210 TO OBTAIN GROUND DISTANCES.

INTERSTATE 5
THORNTON ROAD



54-4412



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SAN JOAQUIN COUNTY
THORNTON ROAD
FRONTAGE IMPROVEMENT PLANS
LAYOUT & CONTROL PLAN

Revisions		Date	By	App'd. By
No.	Description			

Design
AMC

Drawn
JDK

Check
SKS

Scale
AS SHOWN
Original Drawing Scale
0 1/2" 1"

Date
4/10/08

Sheet Number
3 Of 15

Project File No.
1616-0000

GENERAL NOTES (CIVIL):

- ALL NEW IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS, AND THE LATEST EDITION OF SAN JOAQUIN COUNTY STANDARD SPECIFICATIONS AND PLANS AND THE 2006 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 SPECIFICATIONS) 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 BY THE DESIGN ENGINEER FROM "OUTSIDE SOURCES," BELIEVED TO BE RELIABLE. HOWEVER, THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. KJELSDEN, SINNOCK & NEUDECK ASSUMES 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. HE SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF ALL SUCH FACILITIES IN THE AREA OF CONSTRUCTION, AND SHALL NOTIFY UTILITY COMPANIES TWENTY-FOUR HOURS IN ADVANCE OF ANY 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 STATES: 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 OR AND DIGGING; AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR 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 PROVIDE SHORING, BRACING, SLOPING OR PROVISIONS TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF FIVE FEET OR MORE. SAID PROTECTION TO BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL, STATE, AND FEDERAL REGULATIONS (CAL-OSHA, OSHA).
- 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 SAN JOAQUIN COUNTY PUBLIC WORKS DEPARTMENT.
- ALL TRENCHES AND CROSS TRENCHES WITHIN EXISTING STREETS SHALL BE BACK FILLED AND PAVED WITH TEMPORARY PAVING THE SAME DAY THE PAVEMENT CUT IS MADE OR COVERED WITH STEEL PLATES AS DIRECTED BY SAN JOAQUIN COUNTY PUBLIC WORKS DEPARTMENT.
- ASBESTOS CEMENT MATERIALS SHALL NOT BE USED IN THE CONSTRUCTION OF ANY FACILITIES WITHIN THIS PROJECT.
- THE CONTRACTOR SHALL EXPOSE ALL EXISTING SEWERS, STORM DRAINS, AND CLEARANCES OF KNOWN CROSSINGS WITH OTHER UTILITIES BEFORE INSTALLING NEW PIPELINES. IF THE CONTRACTOR DETERMINES THE EXISTING INVERTS ARE NOT IN CONFORMANCE WITH THE PLANS, HE SHALL NOTIFY THE ENGINEER BEFORE PERFORMING ANY WORK.
- PRIOR TO PLACEMENT OF ANY FINISH ASPHALT CONCRETE OR CONCRETE, THE CONTRACTOR SHALL VERIFY ALL FINISH GRADES AND SLOPES FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER 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 INTEGRITY OF EXISTING FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR, TO THE SATISFACTION OF SAN JOAQUIN COUNTY, ANY FACILITIES DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
- 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 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 CONTROL SHALL BE IN ACCORDANCE WITH SECTION 12 OF THE CALTRANS STANDARD SPECIFICATIONS. ALL PAVEMENT CUTS SHALL BE NEATLY LINE CUT. PAVEMENT RESTORAL FOR LONGITUDINAL TRENCHES SHALL NOT RESULT IN A "COLD JOINT" WITHIN THREE FEET OF AN EXISTING EDGE OF PAVEMENT (I.E. NO "RIBBON PATCHES")
- CONTRACTOR TO REFERENCE AND RESTORE ALL "RECORDED" EXISTING MONUMENTS AND/OR PROPERTY CORNER REFERENCES DESTROYED, REMOVED OR DISTURBED DURING THE COURSE OF CONSTRUCTION.

- CONTRACTOR TO REFERENCE AND RESTORE ALL "RECORDED" EXISTING MONUMENTS AND/OR PROPERTY CORNER REFERENCES DESTROYED, REMOVED OR DISTURBED DURING THE COURSE OF CONSTRUCTION.
- WHERE EXISTING FENCES ARE TO BE REMOVED FOR CONSTRUCTION PURPOSES CONTRACTOR SHALL REMOVE AND REPLACE THE FENCING IN KIND WHERE THE EXISTING FENCE IS USED FOR PROPERTY SECURITY AND/OR CONTAINMENT. CONTRACTOR SHALL ERECT TEMPORARY FENCING DURING (NOT SHOWN ON PLANS) CONSTRUCTION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- ALL WORK IN COUNTY RIGHT-OF-WAY SUBJECT TO THE APPROVAL AND ACCEPTANCE OF SAN JOAQUIN COUNTY PUBLIC WORKS DEPARTMENT.
- 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 CONTINUOUSLY AND NOT TO 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, EMPLOYEES, 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 OCCURED DURING THE TERM OF THIS PROJECT.
- TRAFFIC SIGNS AND MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, MUTCD, AND CALIFORNIA SUPPLEMENT TO MUTCD AND SAN JOAQUIN COUNTY STANDARDS AND AS SHOWN ON THE PLANS.
- EXISTING TOPOGRAPHIC INFORMATION SHOWN MAY DIFFER FROM ACTUAL CONDITIONS DUE TO ONGOING CONSTRUCTION IN THE AREA.
- 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.
- ANY CHANGES TO THE APPROVED IMPROVEMENT PLANS AND 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.

CONSTRUCTION NOTES:

- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADES, ETC., AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
- WHERE PAVEMENT IS TO BE EXTENDED, EXISTING PAVEMENT SHALL BE SAW-CUT.
- ALL NEW CONCRETE FLATWORK SHALL BE DRILLED AND DOWELED AND/OR KEYED INTO EXISTING FLATWORK IN ACCORDANCE WITH SAN JOAQUIN COUNTY STANDARD PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY SIGNS FOR ALL REGULATORY TRAFFIC SIGN REMOVED DURING THE CONSTRUCTION.
- ALL GRADING AND EARTHWORK TO BE DONE SHALL COMPLY WITH 2001 U.B.C. CHAPTER 18 AND APPENDIX CHAPTER 33.
- CUT/FILL SLOPES SHALL BE NO STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL.
- THE PROJECT ROUGH GRADING IS NOT INTENDED TO BALANCE, THE CONTRACTOR IS RESPONSIBLE FOR ANY IMPORT AND/OR OFF HAUL TO BALANCE THE SITE.
- 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.
- THE CONTRACTOR SHALL NOTIFY THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS 24 HOURS IN ADVANCE OF PERFORMING ANY WORK REQUIRED IN THE PLANS. PHONE: (209) 468-3022.
- EXCAVATION OF 5- FEET OR GREATER IN DEPTH REQUIRES AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.
- 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.
- NO EARTHEN GRADES OR SLOPES SHALL BE STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL.

EROSION AND SEDIMENT CONTROL NOTES:

- A STATE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION PERMIT NOTICE OF INTENT (NOI) SHALL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD.
- IMPLEMENTATION OF THE RECOMMENDED EROSION CONTROL MEASURES AS SHOWN ON THESE PLANS DOES NOT ENSURE COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND ORDINANCES. THE BURDEN OF COMPLIANCE RESTS SOLELY WITH THE OWNER AND DEVELOPER OF THE PROJECT.

NEW	EXISTING	DESCRIPTION
●	●	DROP INLET
■	■	CATCH BASIN
○	○	AGRICULTURAL IRRIGATION VALVES
●	●	STORM DRAIN MANHOLE
○	○	ROOF DRAIN
○	○	STAND PIPES
○	○	CLEANOUT
○	○	SANITARY SEWER MANHOLE
○	○	WATER METER
○	○	BLOWOFF VALVE
○	○	FIRE HYDRANT ASSEMBLY
○	○	WATER VALVE
○	○	POST INDICATOR VALVE
○	○	FIRE DEPARTMENT CONNECTION
○	○	IRRIGATION CONTROL VALVE
○	○	PRESSURE VACUUM BREAKER
○	○	BACKFLOW PREVENTER
○	○	PULL BOX
○	○	UTILITY POLE
○	○	LIGHT
○	○	TEMPORARY LIGHT
○	○	GAS REGULATOR
○	○	GAS METER
○	○	GAS VALVE
○	○	POST OR BOLLARD
○	○	SIGN POST LOCATION
○	○	PIPE SLOPE, GUTTER SLOPE
○	○	SPOT ELEVATION

△	BENCH MARK
△	CONTROL POINT OR T.B.M.
○	DETAIL INDICATOR
○	DETAIL IDENTIFICATION NUMBER
○	DRAWING WHERE DETAIL IS SHOWN
○	DETAIL INDICATOR
○	NOTE: DRAWING NOTE WILL IDENTIFY WHERE DETAIL IS SHOWN
△	REVISION
△	REVISION NUMBER
△	SECTION INDICATOR
△	DETAIL IDENTIFICATION NUMBER
△	DRAWING WHERE DETAIL IS DRAWN
—	MATCH LINE
—	SHADED PORTION IS THE SIDE CONSIDERED
—	NUMBER INDICATES ADJACENT DRAWING
○	NOTE INDICATOR
○	NOTE NUMBER AS INDICATED

AB	ANCHOR BOLT/AGGREGATE BASE	JP	JOINT POLE
AC	ASPHALTIC CONCRETE	KV	KILOVOLT
BC	BEGINNING OF CURVE	LF	LINEAL FEET
BM	BENCH MARK	LN	LINEAR
BOC	BACK OF CURB	LP	LOW POINT
BOV/BW	BACK OF WALK	MAX	MAXIMUM
CB	CATCH BASIN	MB	MACHINE BOLT
CC	CENTER TO CENTER	MH	MAINTENANCE HOLE
CP	CAST IRON PIPE	MIN	MINIMUM
CL	CENTERLINE	MON	MONUMENT
CMP	CORRUGATED METAL PIPE	(N)	NEW
CMU	CONCRETE MASONRY UNIT	NC	NOT IN CONTRACT
CONC	CONCRETE	NTS	NOT TO SCALE
CONT	CONTINUOUS	OC	ON CENTER
CR	CURB RETURN	OD	OUTSIDE DIAMETER
CTR	CENTER	OG	ORIGINAL GROUND
CY	CUBIC YARD	OC	ON CENTER
D	STORM DRAIN	OD	OUTSIDE DIAMETER
DI	DROP INLET	OG	ORIGINAL GROUND
DI	DIAMETER	PHV	PAVEMENT
DM	DIMENSION	PB	PULL BOX
DW	DOMESTIC WATER	PC	PRIMARY CONTROL
E	ELECTRIC	PIV	POST INDICATOR VALVE
EA	EACH	PL	PROPERTY LINE OR PLATE
EB	ELECTRICAL BOX	POC	POINT OF CONNECTION
EC	END OF CURVE	PP	POWER POLE
EJ	EXPANSION JOINT	PR	PAIR
ELEV	ELEVATION	PRC	POINT OF REVERSE CURVATURE
ESP	EDGE OF PAVEMENT	PSF	POUNDS PER SQUARE FOOT
ESCP	EXTRA STRENGTH CONCRETE PIPE	PSI	POUNDS PER SQUARE INCH
EW	EACH WAY	(P)	PROPOSED
EXIST/(E)	EXISTING	PUE	PUBLIC UTILITIES EASEMENT
(F)	FUTURE	PVCP	POLYVINYLCHLORIDE PIPE
FD	FIRE DEPARTMENT CONNECTION	R	RADIUS
FDN	FOUNDATION	RCP	REINFORCED CONCRETE PIPE
FF	FINISHED FLOOR	REINF	REINFORCED
FG	FINISH GRADE	RWD	REDWOOD
FH	FIRE HYDRANT	R/W	RIGHT OF WAY
FM	FINISH	S	SLOPE
FL	FLOW LINE	SD	STORM DRAIN
FLR	FLOOR	SPEC	SPECIFICATION
FM	FORCE MAIN	SO	SQUARE
FOC/FC	FACE OF CURB	SQFT	SQUARE FEET
FT	FEET	SOVD	SQUARE YARD
FW	FIRE WATER	SS	SANITARY SEWER
GA	GAUGE	STA	STATION
G	GAS	STD	STANDARD
GAL	GALLON	T.B.M.	TEMPORARY BENCH MARK
GALV	GALVANIZED	TEL	TELEPHONE
GFW	GALLONS PER MINUTE	TC	TOP OF CURB
GR	GRATE	TG	TOP OF GRATE
HORIZ	HORIZONTAL	TOW	TOP OF WALK
HP	HIGH POINT	TP	TELEPHONE POLE
ID	INSIDE DIAMETER (DIM)	TPB	TELEPHONE PULL BOX
IG	INTERRUPTIBLE GAS	TFR	TRANSFORMER
IN	INCH	TYP	TYPICAL
IN	INVERT	W	WATER
IP	IRON PIPE	YD	YARDS
IRR	IRRIGATION		
INTX	INTERSECTION		

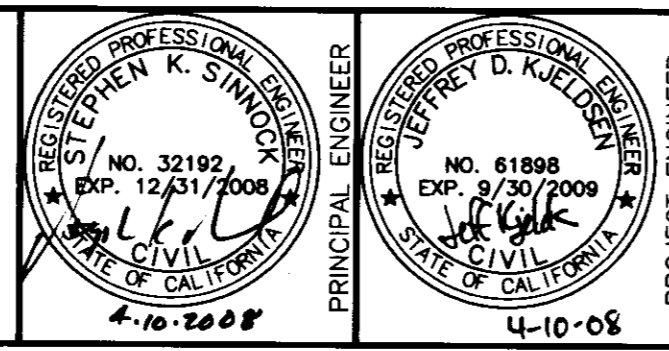
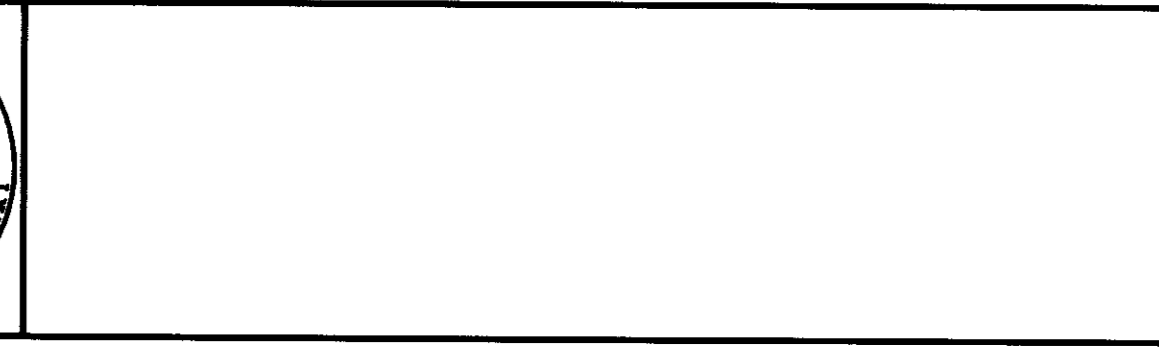
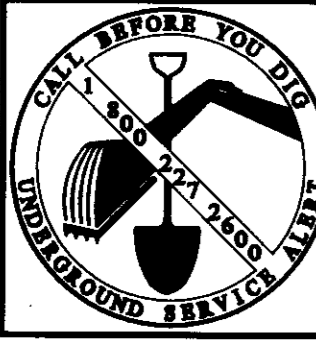
SYMBOLS

ABBREVIATIONS

CONVENTIONS

LINETYPES

GENERAL NOTES



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SAN JOAQUIN COUNTY THORNTON ROAD FRONTAGE IMPROVEMENT PLANS CIVIL NOTES & LEGEND

Revisions		Design		Scale		Date	
No.	Description	Date	By	AMC			
				AMC	NO SCALE		4/10/08
				JDK	Original Drawing Scale 0 1/2" 1"		Sheet Number 2 Of 15
				SKS			Project File No. 1616-0000

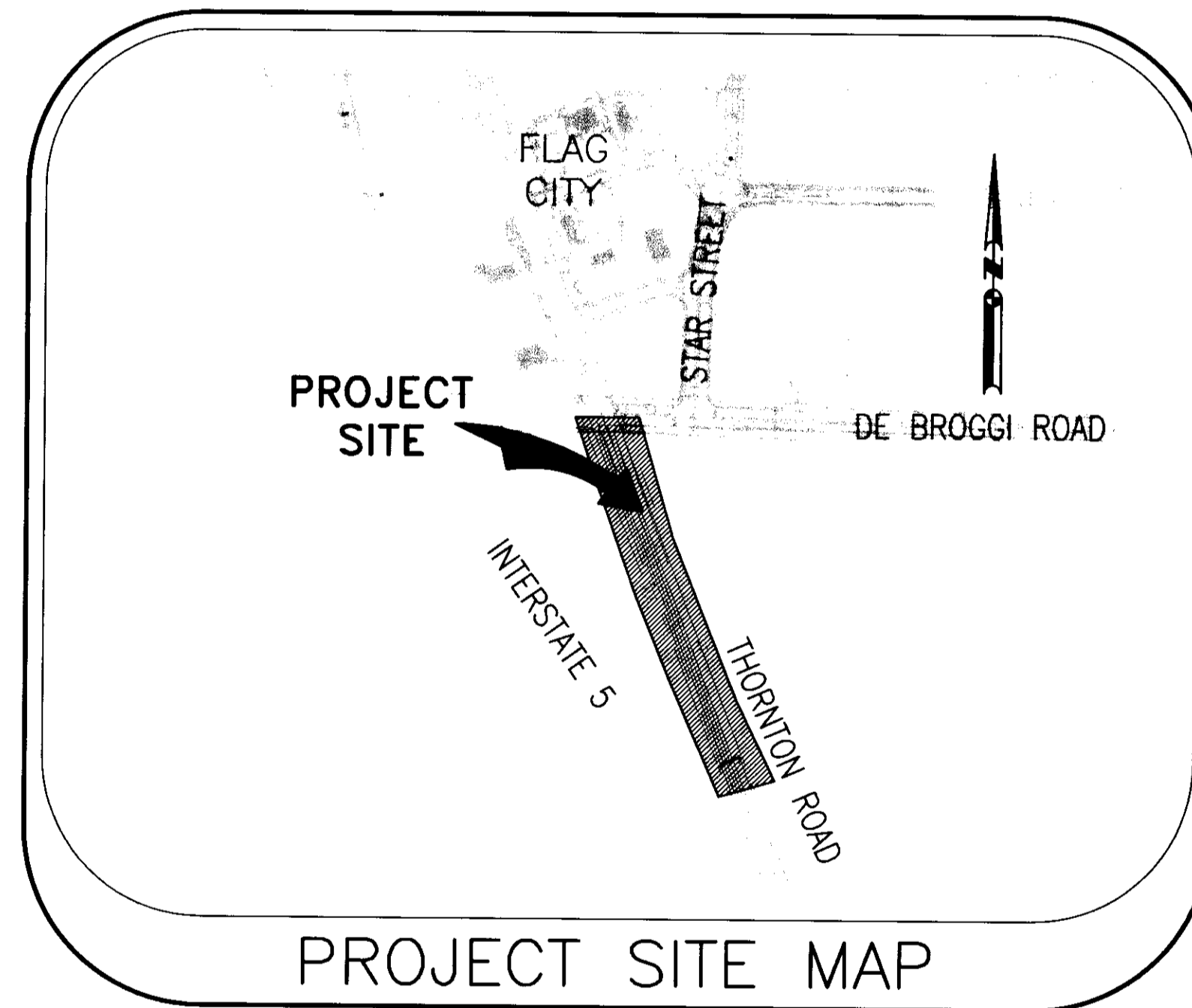
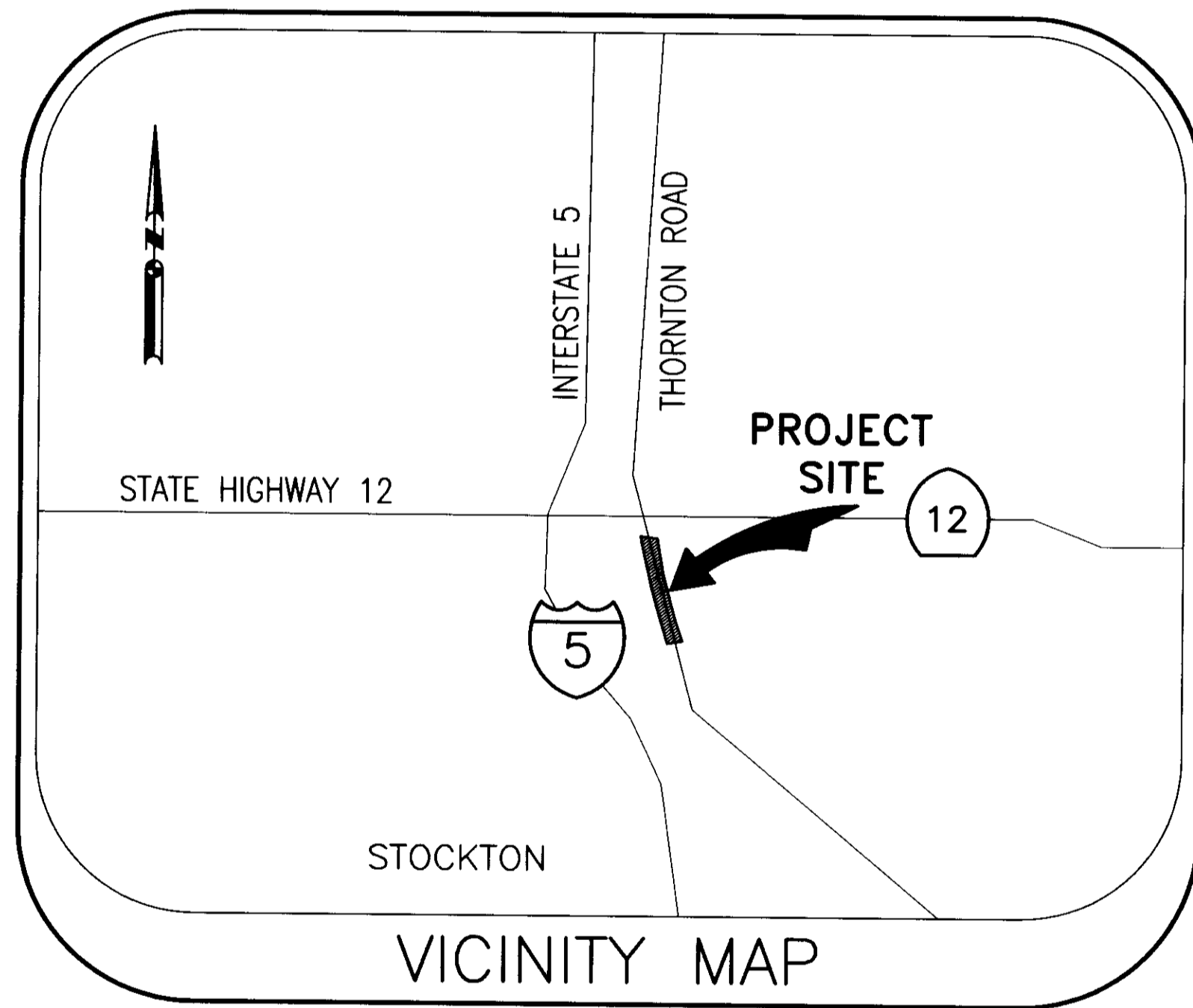
54-4445

FRONTAGE AND UTILITY IMPROVEMENTS

FOR

THORNTON ROAD

SAN JOAQUIN COUNTY, CALIFORNIA



SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CIVIL NOTES & LEGEND
3	LAYOUT & CONTROL PLAN
4	KEY SHEET
5-6	PLAN & PROFILE (DE BROGGI)
7-9	PLAN & PROFILE (THORNTON)
10	ON-SITE DRAINAGE PLAN
11	STRIPING PLAN
12-13	DETAILS
14	TRAFFIC CONTROL PLAN
15	EROSION CONTROL PLAN

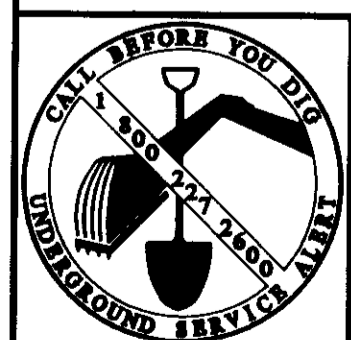
SHEET INDEX

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

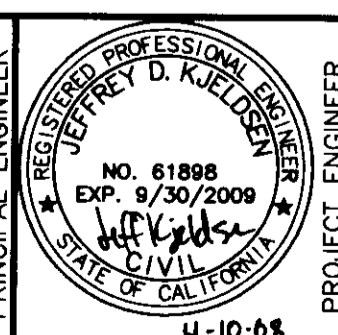
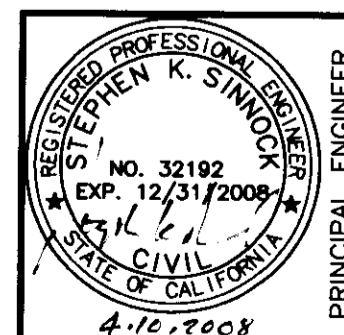
APPROVED: *Michael Chung* 4/17/08
SENIOR CIVIL ENGINEER DATE

RCE NO.: 63378 EXP. DATE: 9/30/08

Michael Chung
DIRECTOR OF PUBLIC WORKS
COUNTY OF SAN JOAQUIN DATE



REFER TO MINOR SUBDIVISION
APPLICATION NO. MS-00-05



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SAN JOAQUIN COUNTY
THORNTON ROAD

FRONTAGE IMPROVEMENT PLANS
TITLE SHEET

Revisions					Design AMC	Scale N.T.S.	Date 4/10/08
No.	Description	Date	By	App'd. By			
					Drawn JDK	Original Drawing Scale 0 1/2" 1"	Sheet Number 1 Of 15
					Check SKS		Project File No. 1616-0000

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