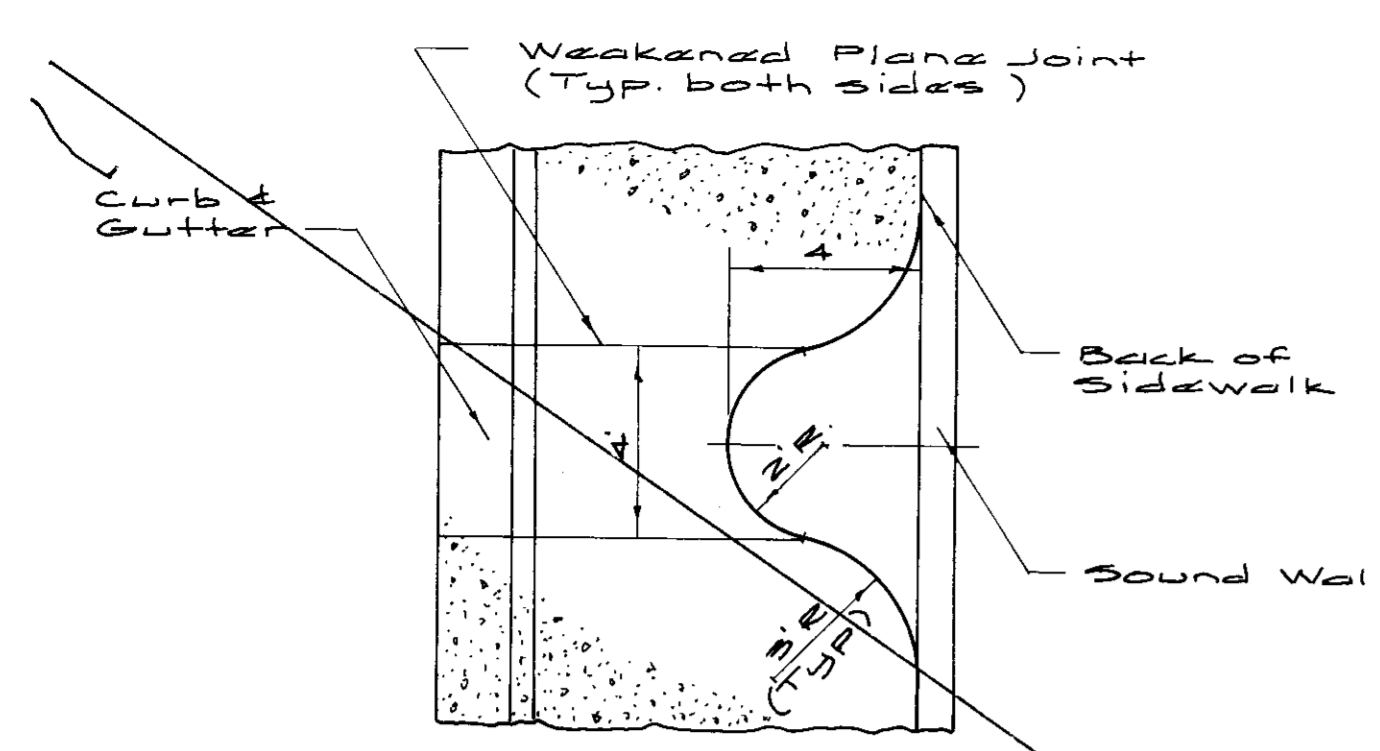
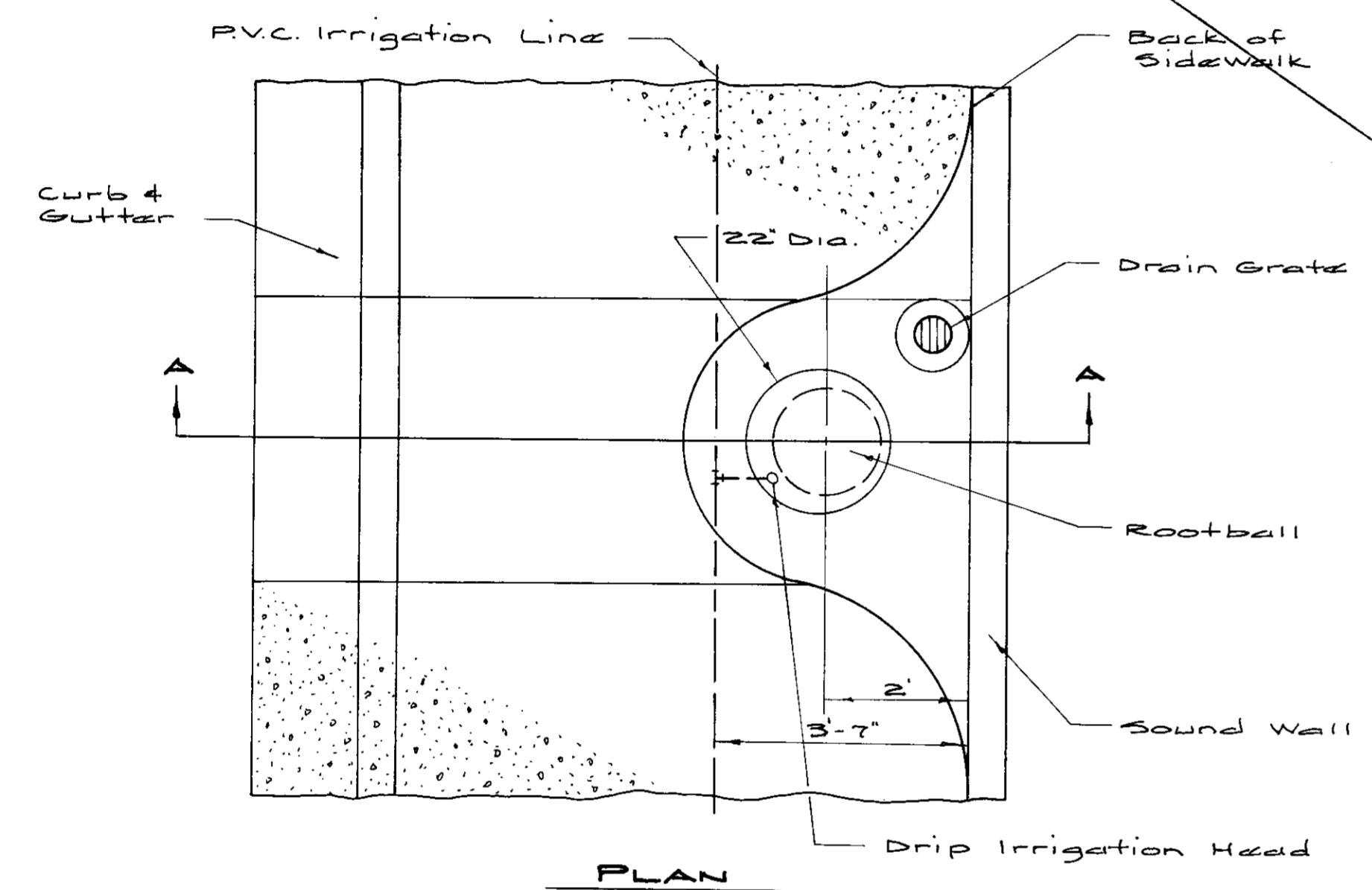


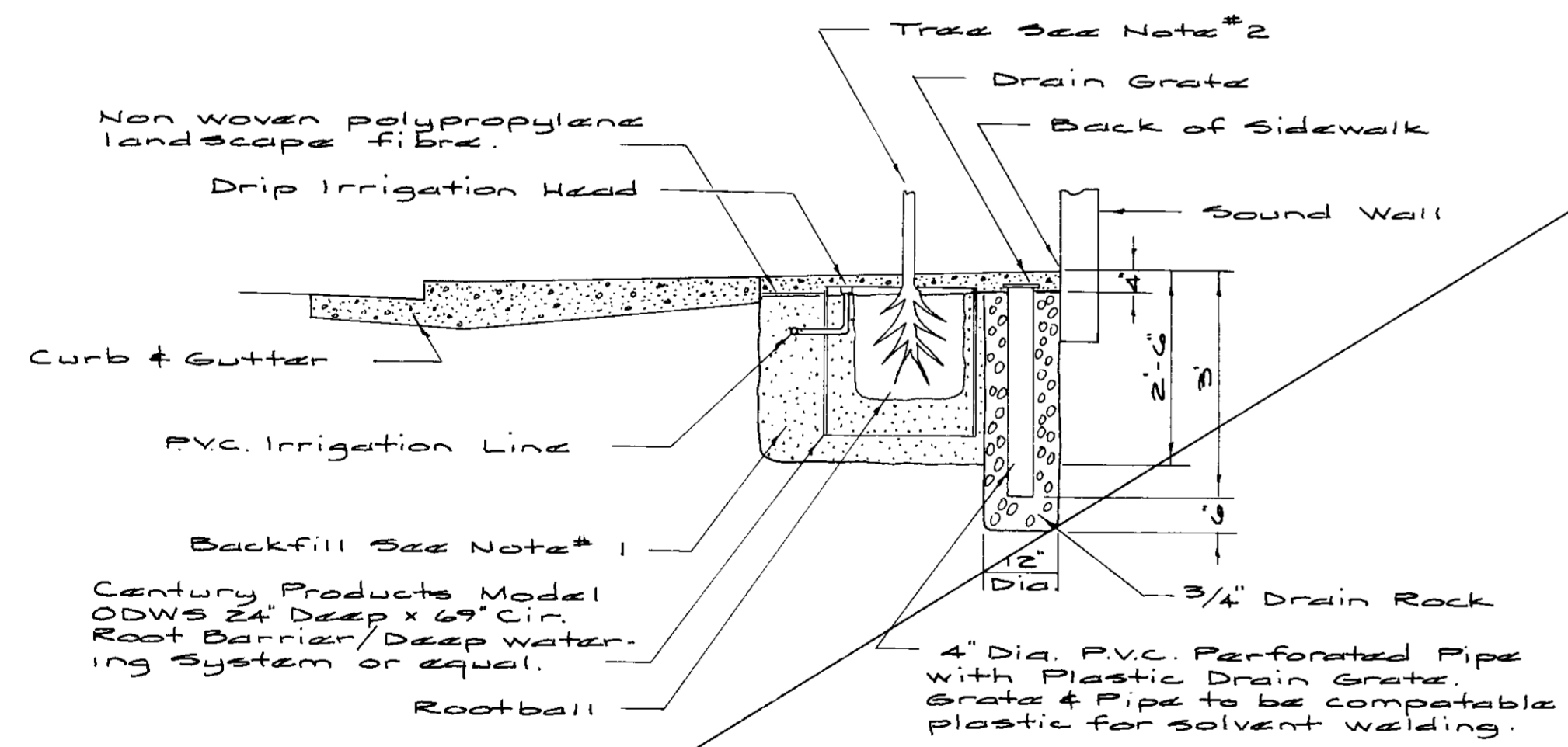
SU 2497



**TREE WELL DETAIL**  
No SCALE

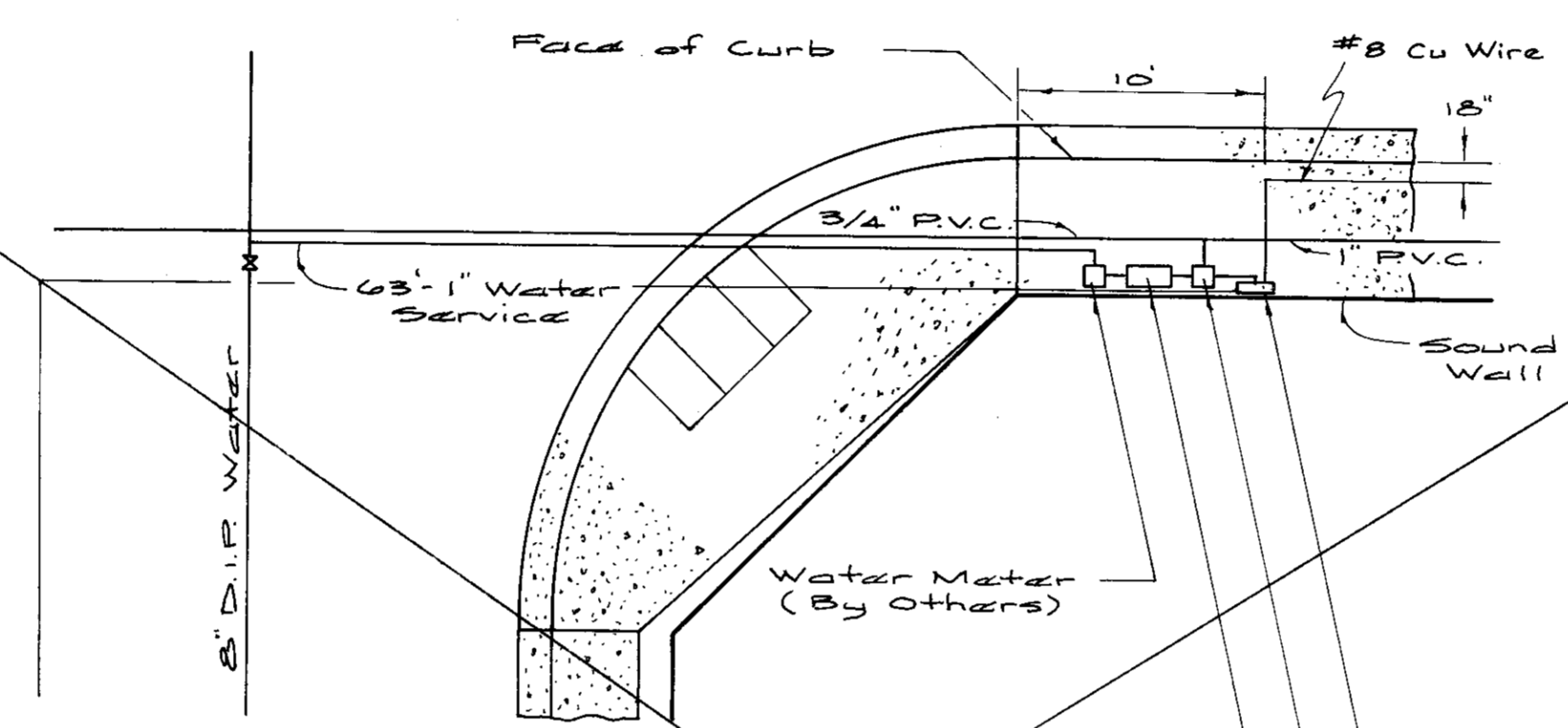
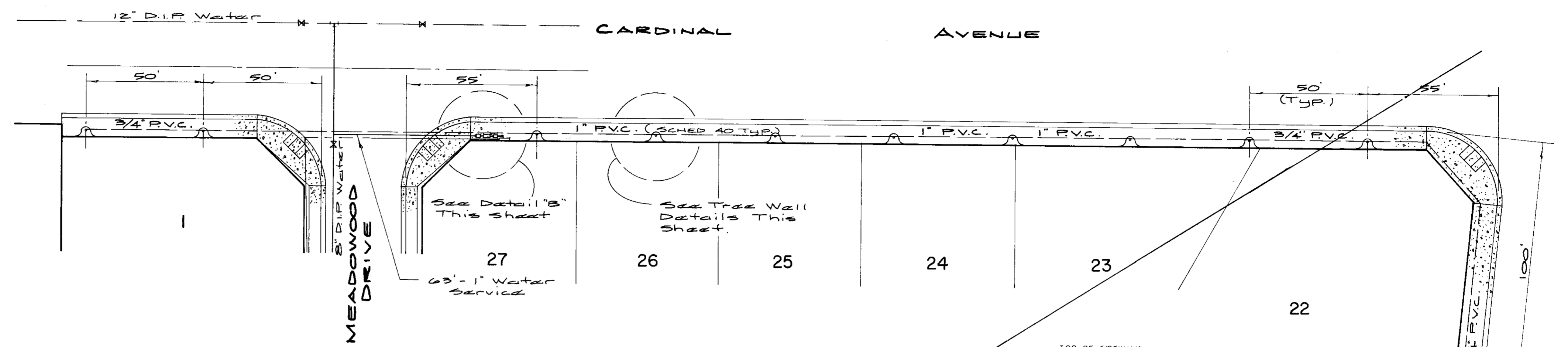


**PLAN**



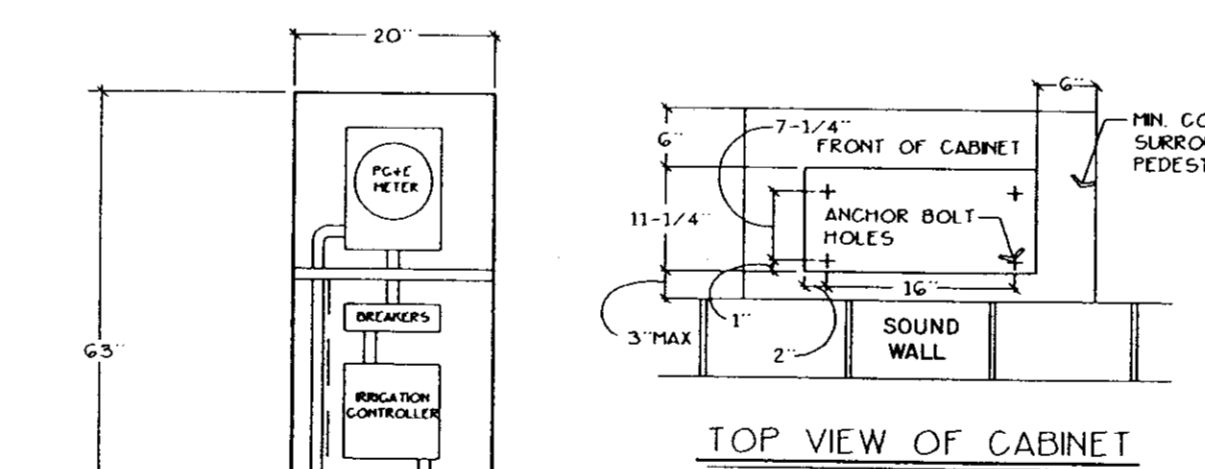
**SECTION A-A**  
**TREE WELL DETAIL**  
No SCALE

- NOTES:**
- Backfill shall be friable loam typical of cultivated topsoils locally containing at least 2% humus. It shall be reasonably free of subsoil, stones, clods, sticks or other objectionable extraneous matter or debris. It shall not contain toxic materials.
  - Trees shall be planted in accordance to San Joaquin County Standards and variety selected from Official Planting List. Species shall be selected or approved by the County prior to planting.

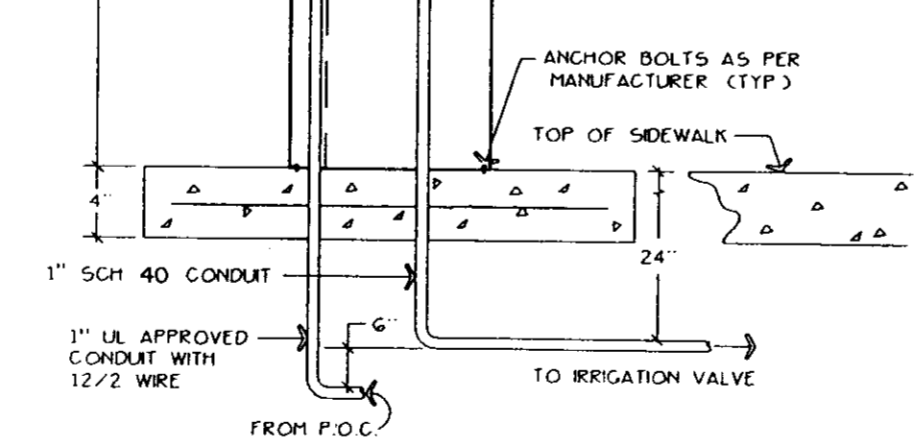


Double check valve in concrete valve box w/ bolt down cover  
24 volt solenoid valve Griswold Model No. 2080 or Equal (in conc. Valve Box)  
P.S. & E. Meter and Rainbird RC-4C Controller installed in a Tresco Cabinet with conduit. Cabinet as per Tresco Dwg. No. C.O.S.-112790 or equal.

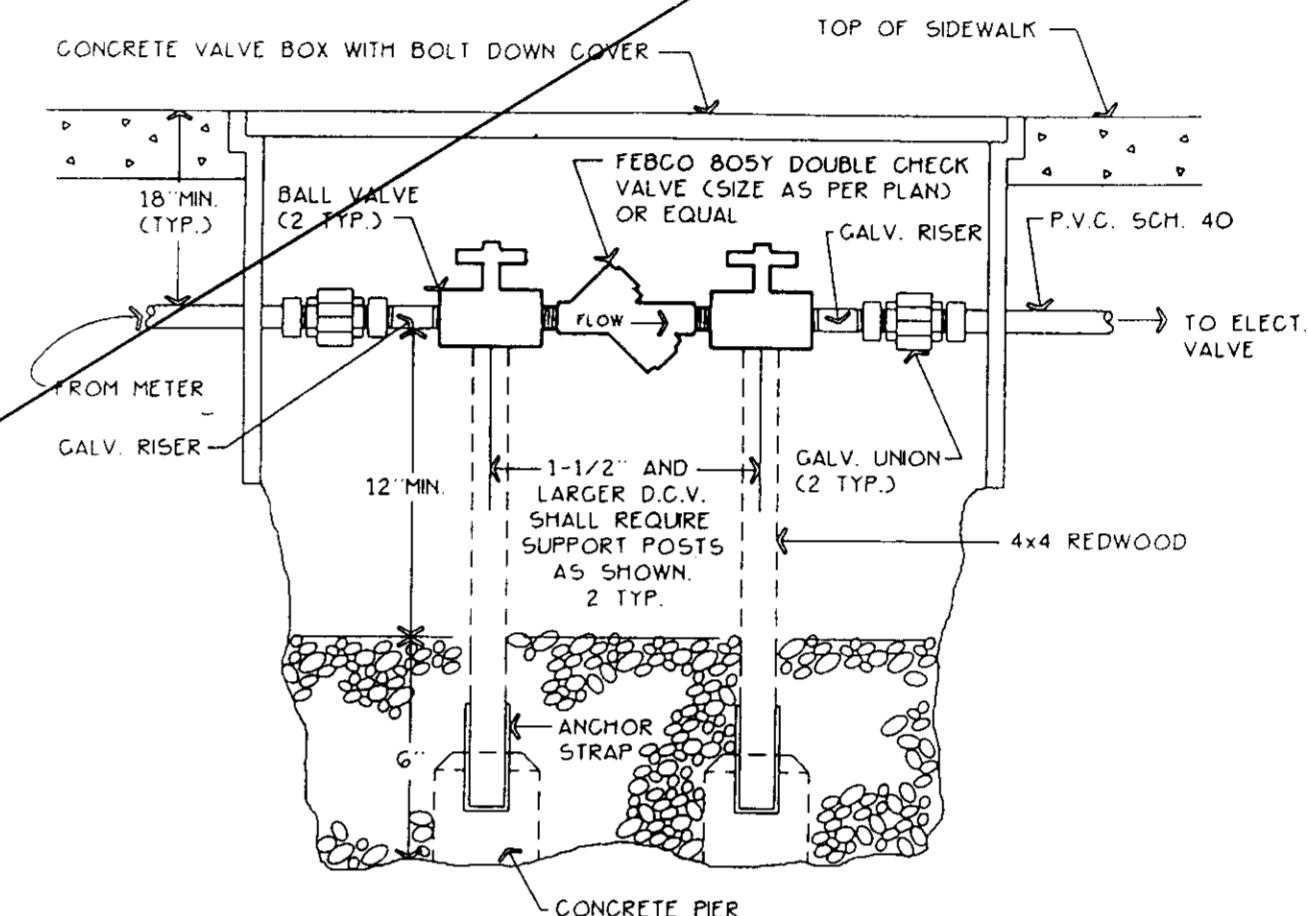
**DETAIL "B"**  
No SCALE



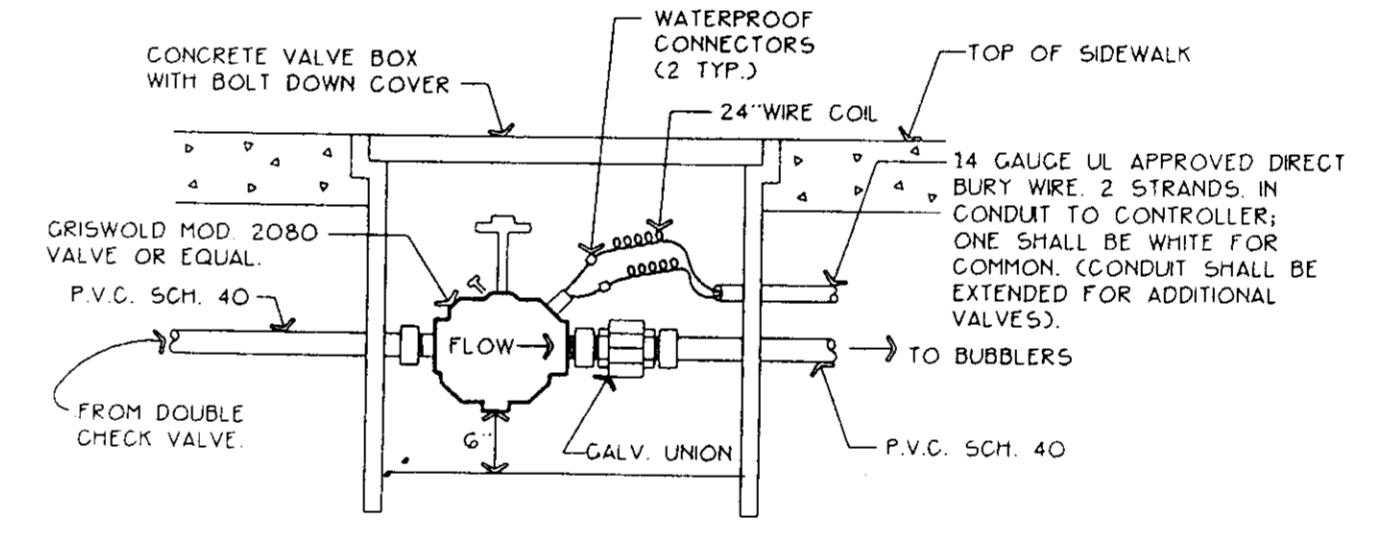
**TOP VIEW OF CABINET**



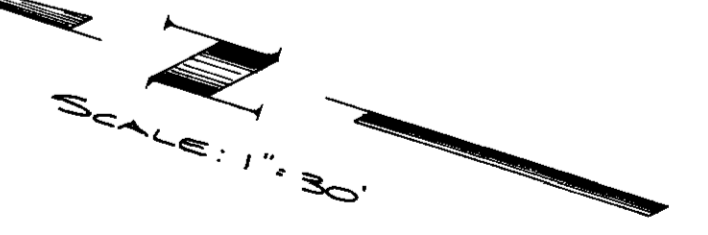
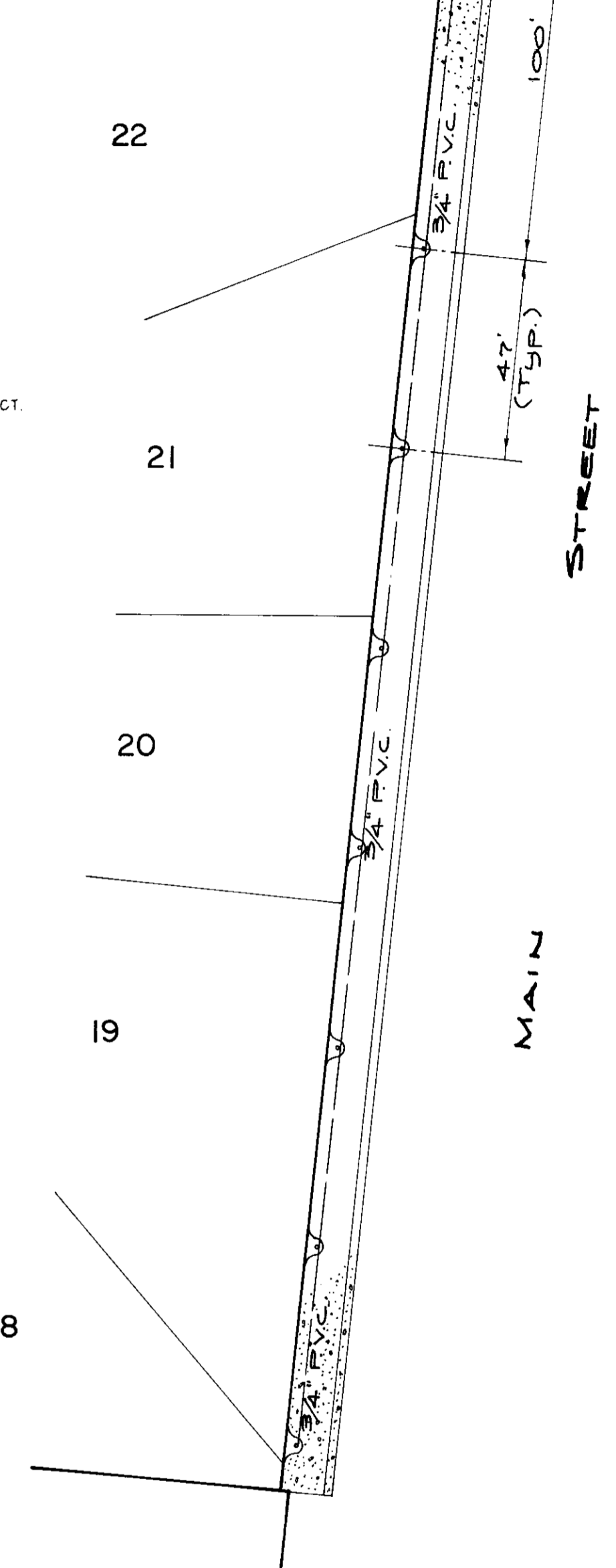
**SECTION VIEW OF CABINET**  
No SCALE



**DOUBLE CHECK VALVE INSTALLATION**  
No SCALE



**ELECTRIC VALVE INSTALLATION**  
No SCALE



**NOTE:**  
IN LIEU OF THE TREEWELLS AND IRRIGATION SYSTEMS ALONG THE FRONTAGE, TREES WILL BE PLANTED IN THE REAR LOTS ALONG CARDINAL AVE & MAIN STREET.

**MEADOWOOD IMPROVEMENT PLANS**  
**TREE WELL & IRRIGATION PLAN**

DEPARTMENT OF PUBLIC WORKS  
COUNTY OF SAN JOAQUIN

REVISION	DESCRIPTION	DATE
1	ELIMINATE TREE WELLS & IRRIG. SYS. TREES WILL BE PLANTED IN REAR LOTS (SEE NOTE ABOVE)	3-19-92
2		5-19-92

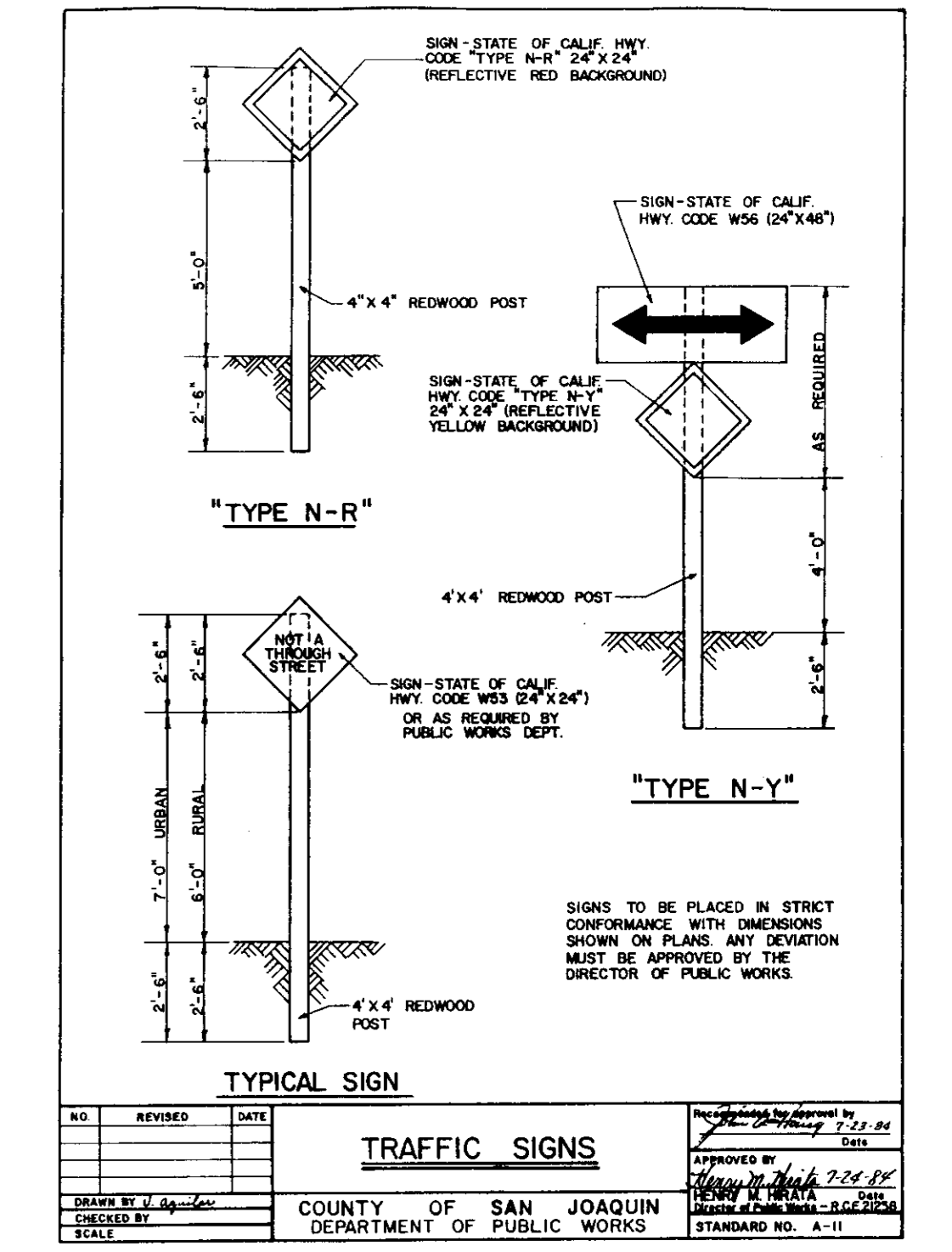
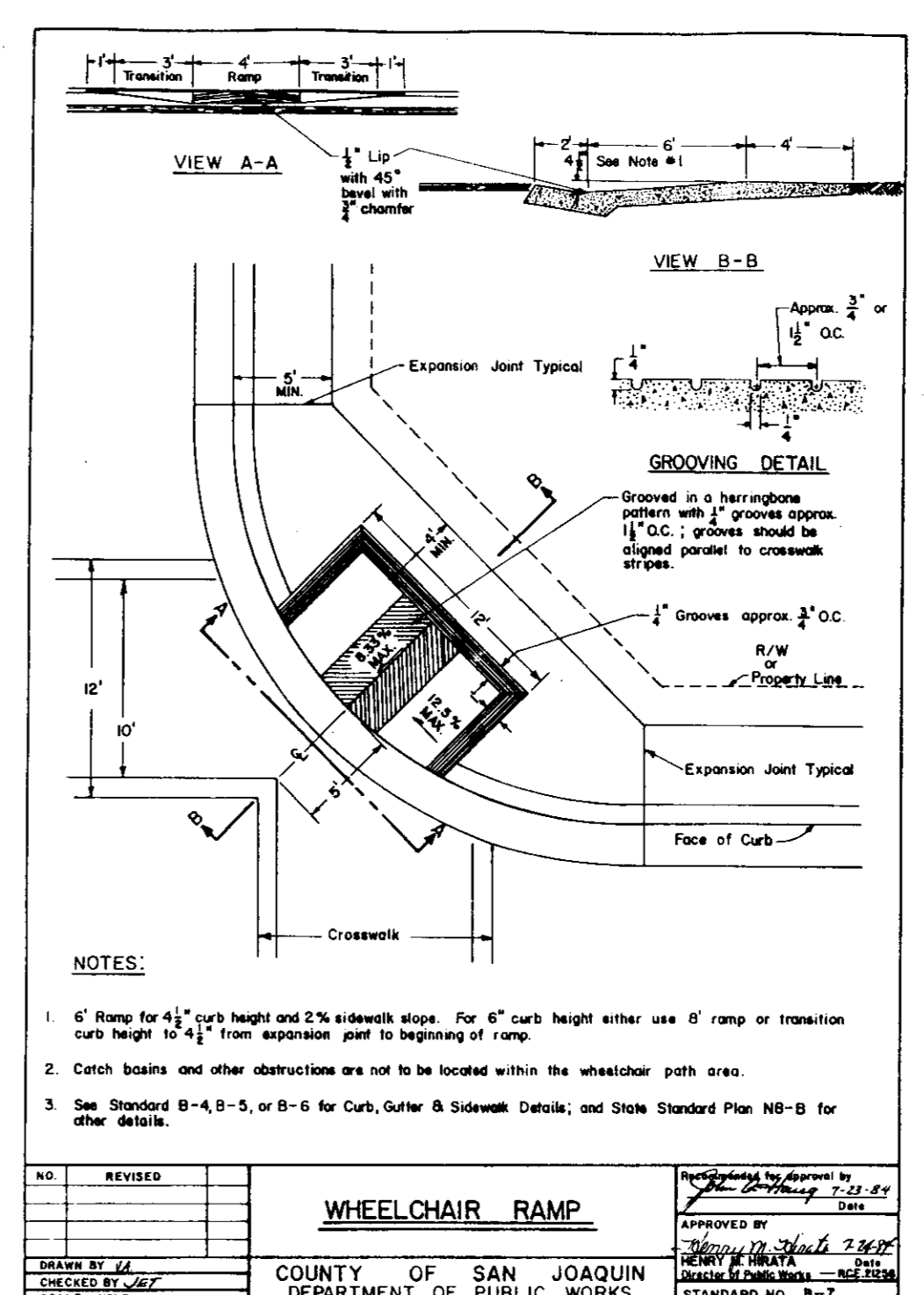
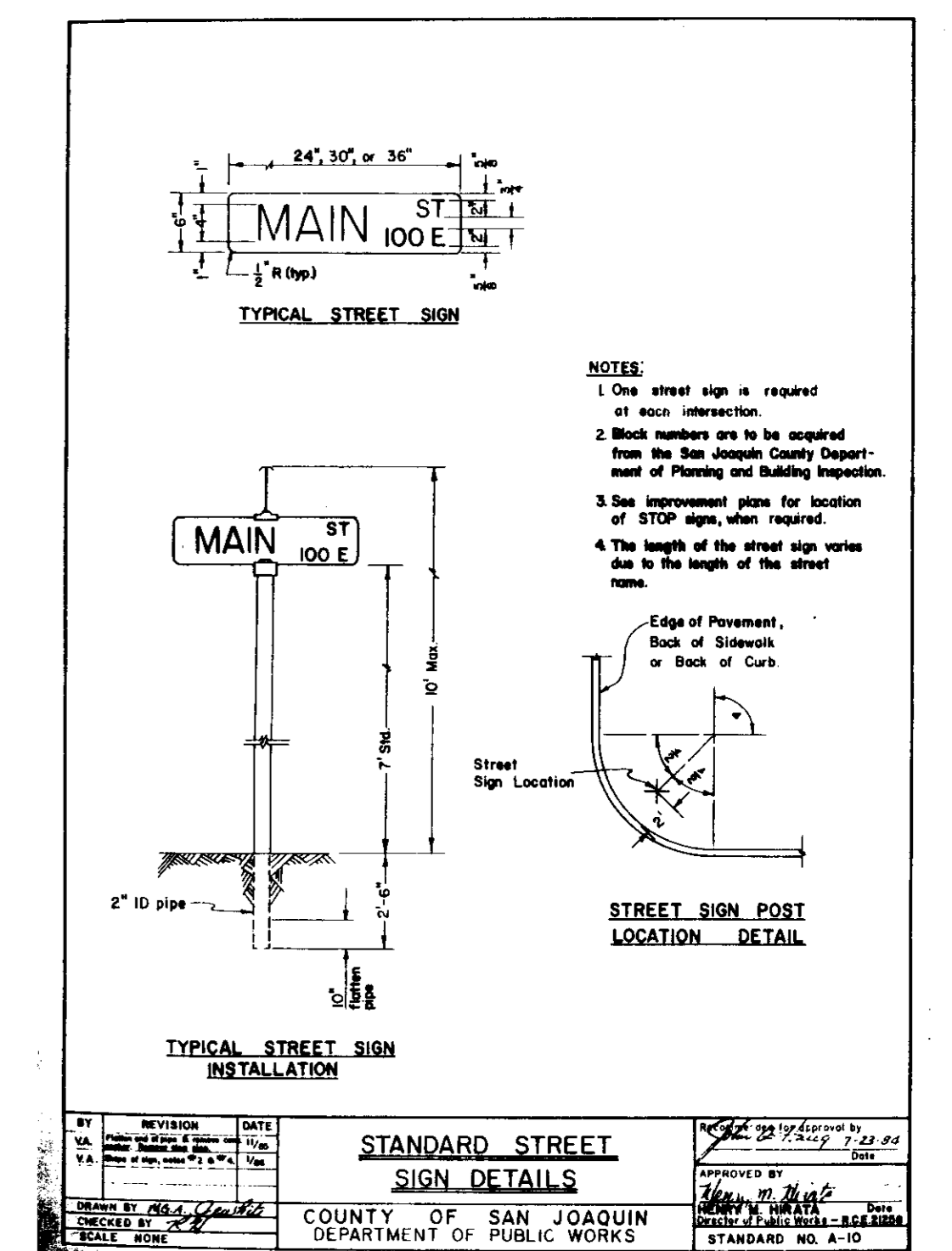
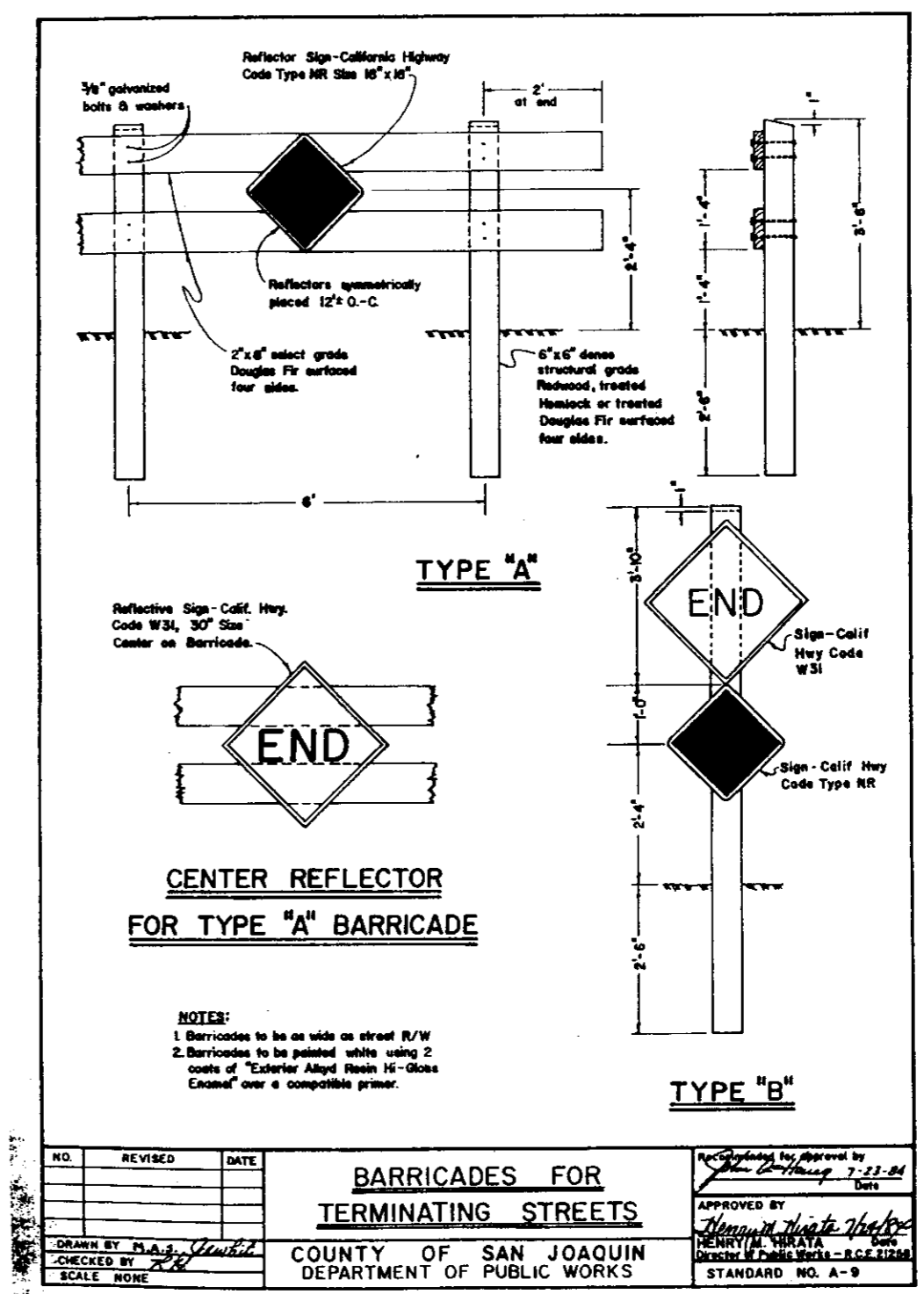
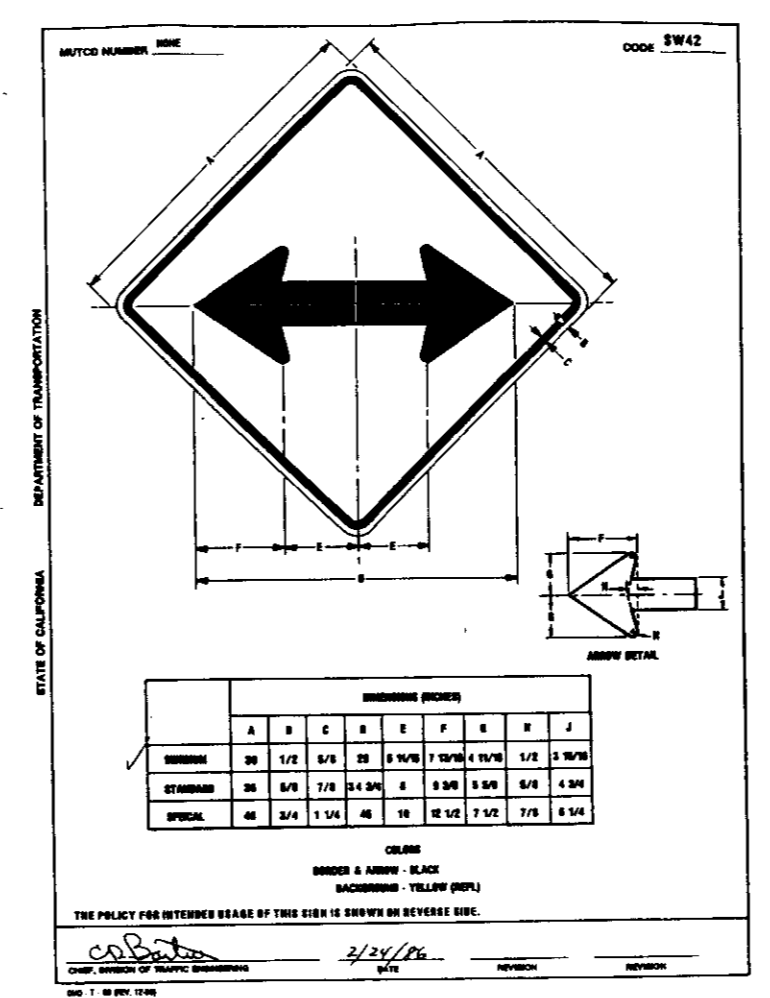
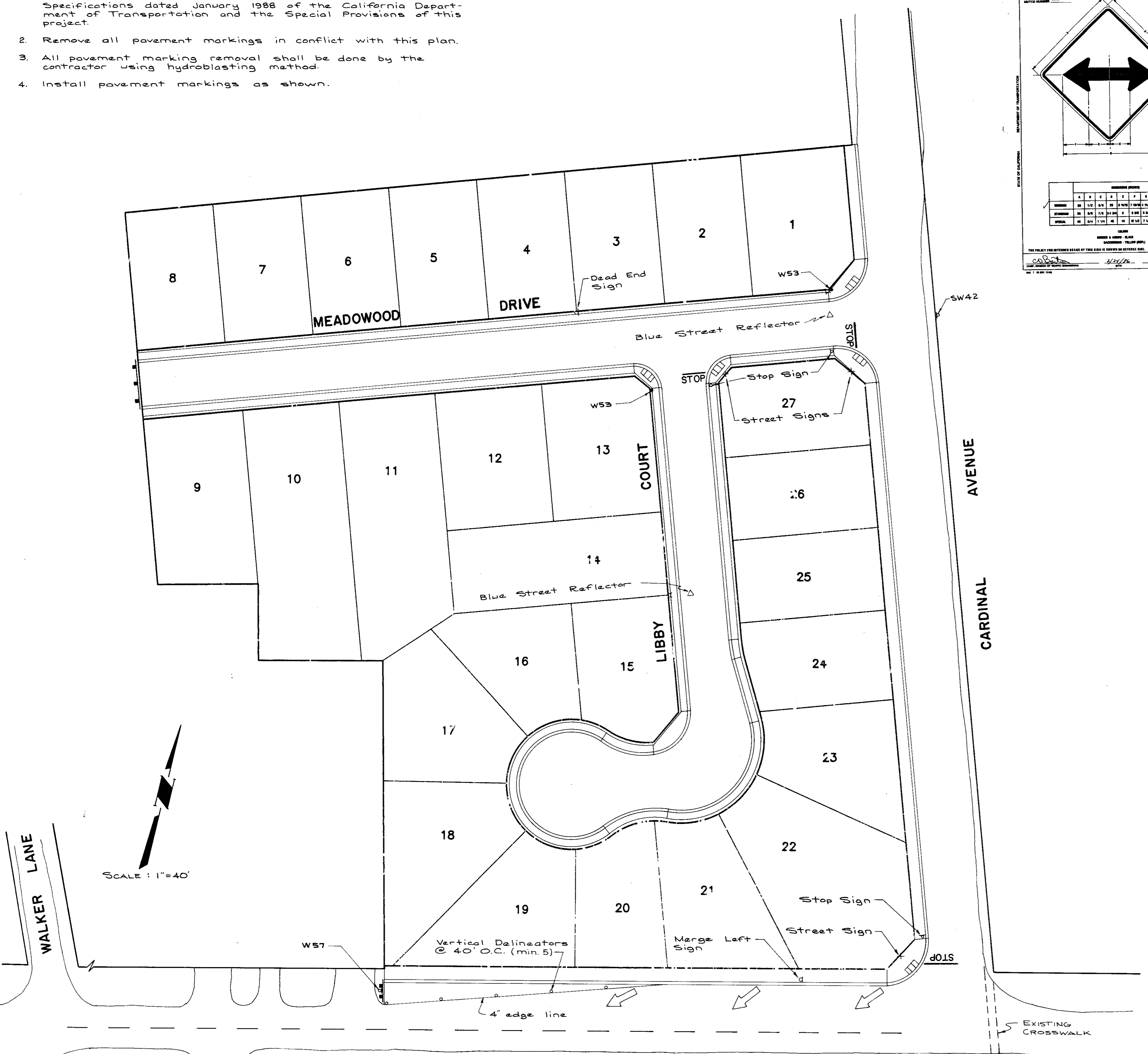


**A.R. SANGUINETTI & ASSOCIATES**  
CONSULTING CIVIL ENGINEERS  
665 N. PEARSON AVE., SUITE 3-1 STOCKTON, CA 95207  
DATE 2-19-91  
ALBERT R. SANGUINETTI, P.E. 15831

SCALE AS SHOWN	APPROVED BY: DATE:	SHEET NO. II
DESIGNED BY ARS		OF 11 SHEETS
DRAWN BY MT		JOB NO.
CHECKED BY JMS	DIRECTOR OF PUBLIC WORKS COUNTY OF SAN JOAQUIN	
AS BUILT BY		

**NOTES**

- All work and material shall conform to the Plans and Specifications dated January 1988 of the California Department of Transportation and the Special Provisions of this project.
- Remove all pavement markings in conflict with this plan.
- All pavement marking removal shall be done by the contractor using hydroblasting method.
- Install pavement markings as shown.

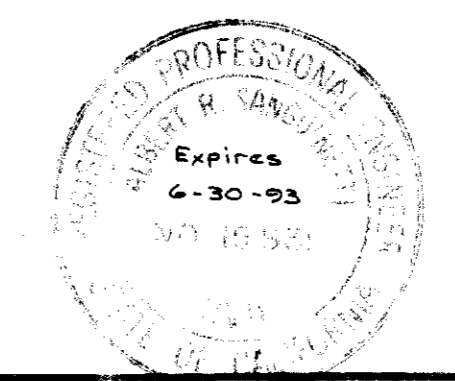


SU 2498

Department of Public Works, City of Stockton, Calif. "For Sanitary Sewer Only" Date: 9/23/91  
 Approved By: *Paul M. Sensibaugh*  
 Paul Sensibaugh, City Engineer, Stockton, Calif.

REVISION NO.	DESCRIPTION	DATE

**ARS**  
**A.R. SANGUINETTI & ASSOCIATES**  
 CONSULTING CIVIL ENGINEERS  
 5651 N. PERSHING AVE., SUITE B-1 STOCKTON, CA 95207  
 Albert R. Sanguinetti R.C.E. 15831 DATE 2-19-91

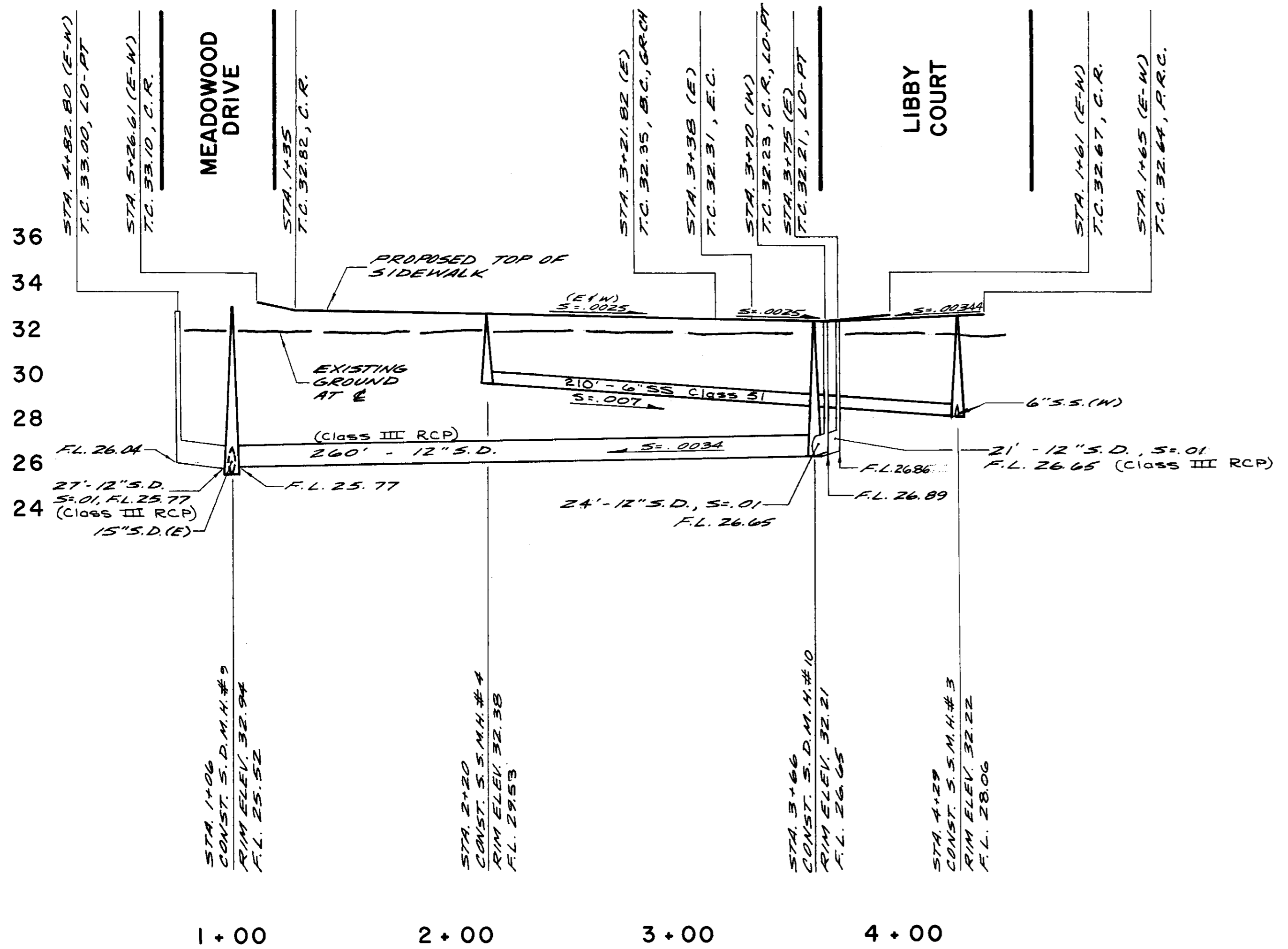


**MEADOWOOD**  
**DETAILS, TRAFFIC, STRIPPING & SIGNING PLAN**  
 DEPARTMENT OF PUBLIC WORKS  
 COUNTY OF SAN JOAQUIN

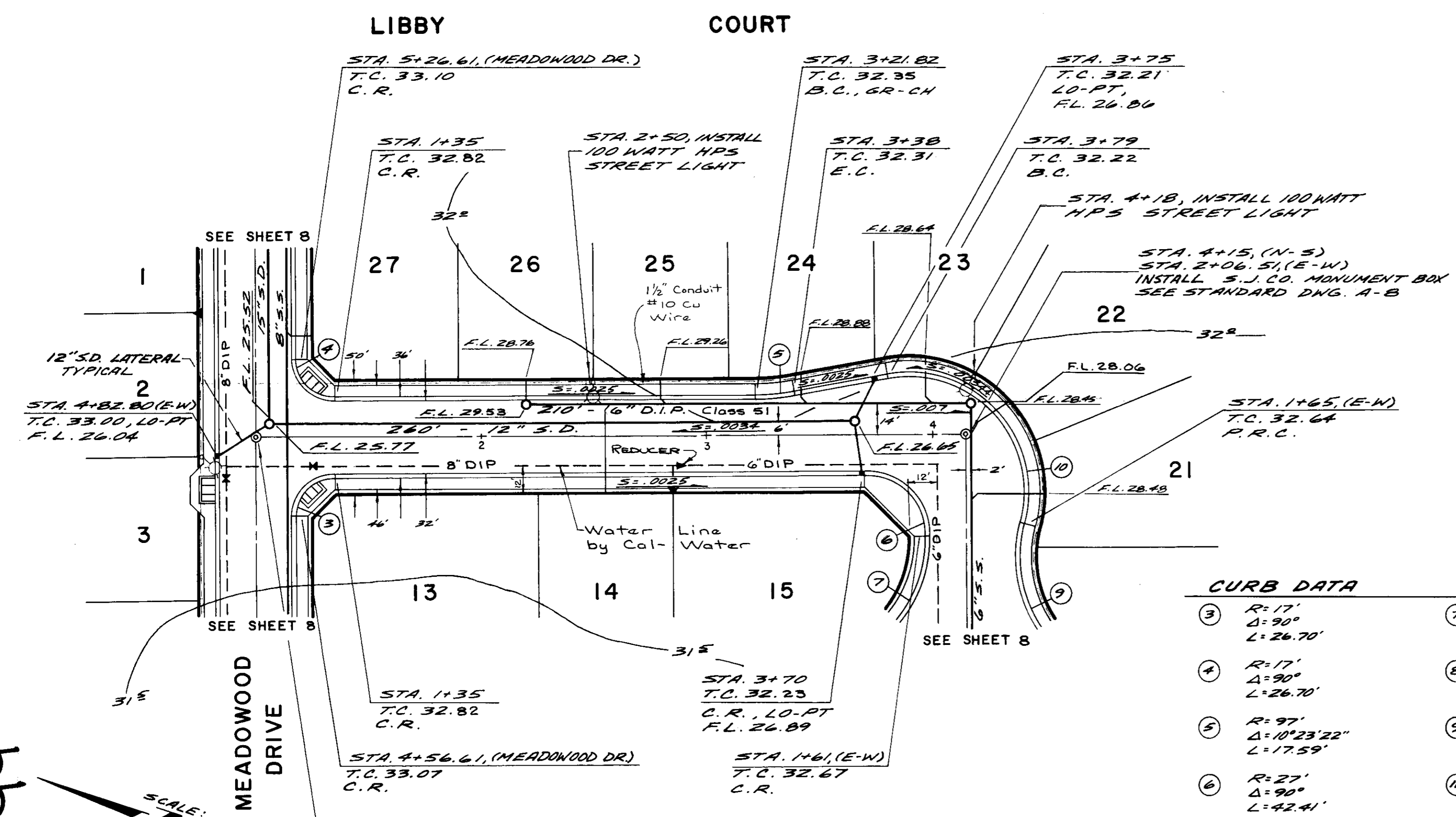
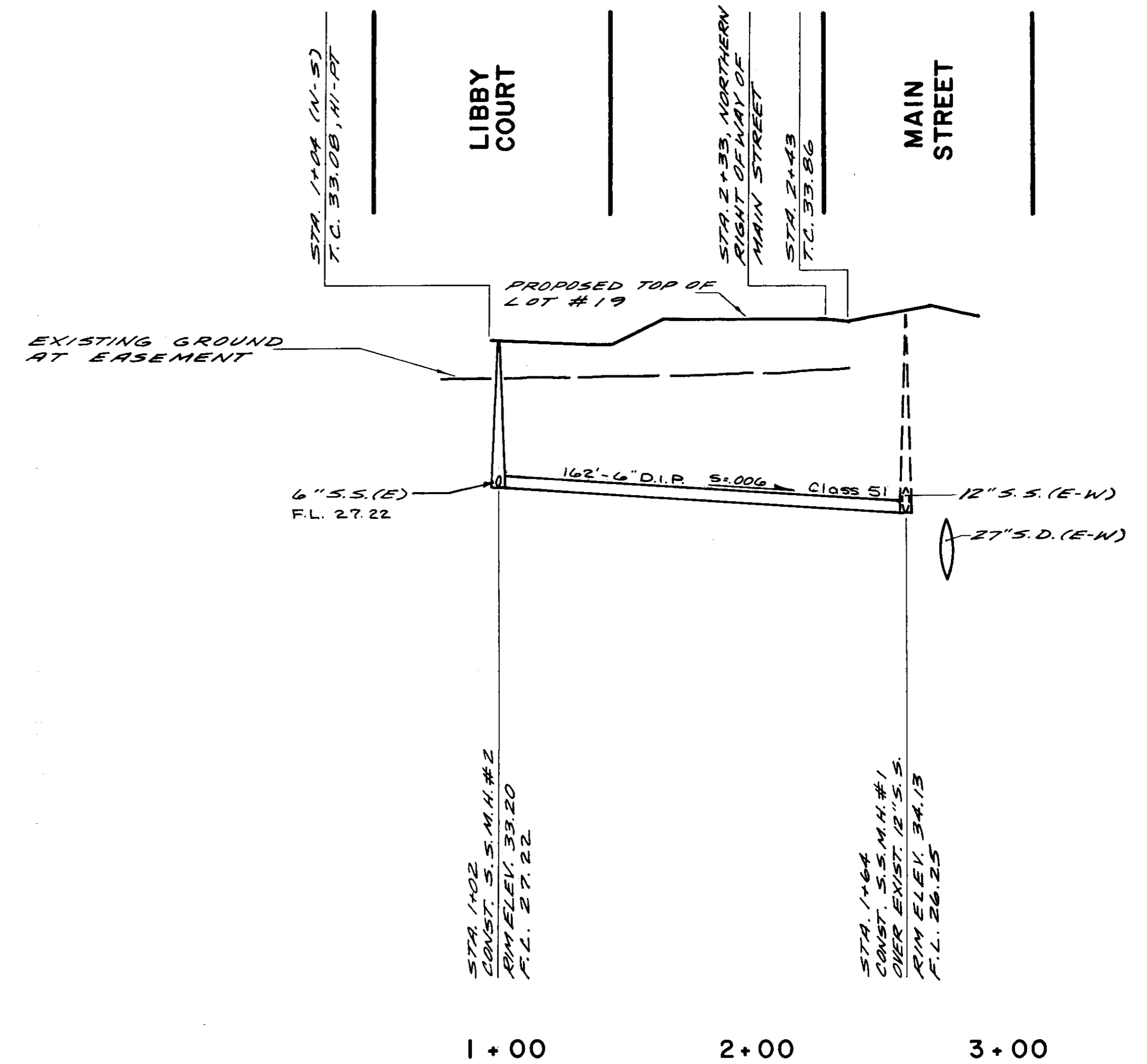
SCALE 1"=40' APPROVED BY DATE SHEET NO. 10 OF 11 SHEETS JOB NO.  

DESIGNED BY ARS  
 DRAWN BY KS  
 CHECKED BY JMS  
 AS BUILT BY  

DIRECTOR OF PUBLIC WORKS  
 COUNTY OF SAN JOAQUIN



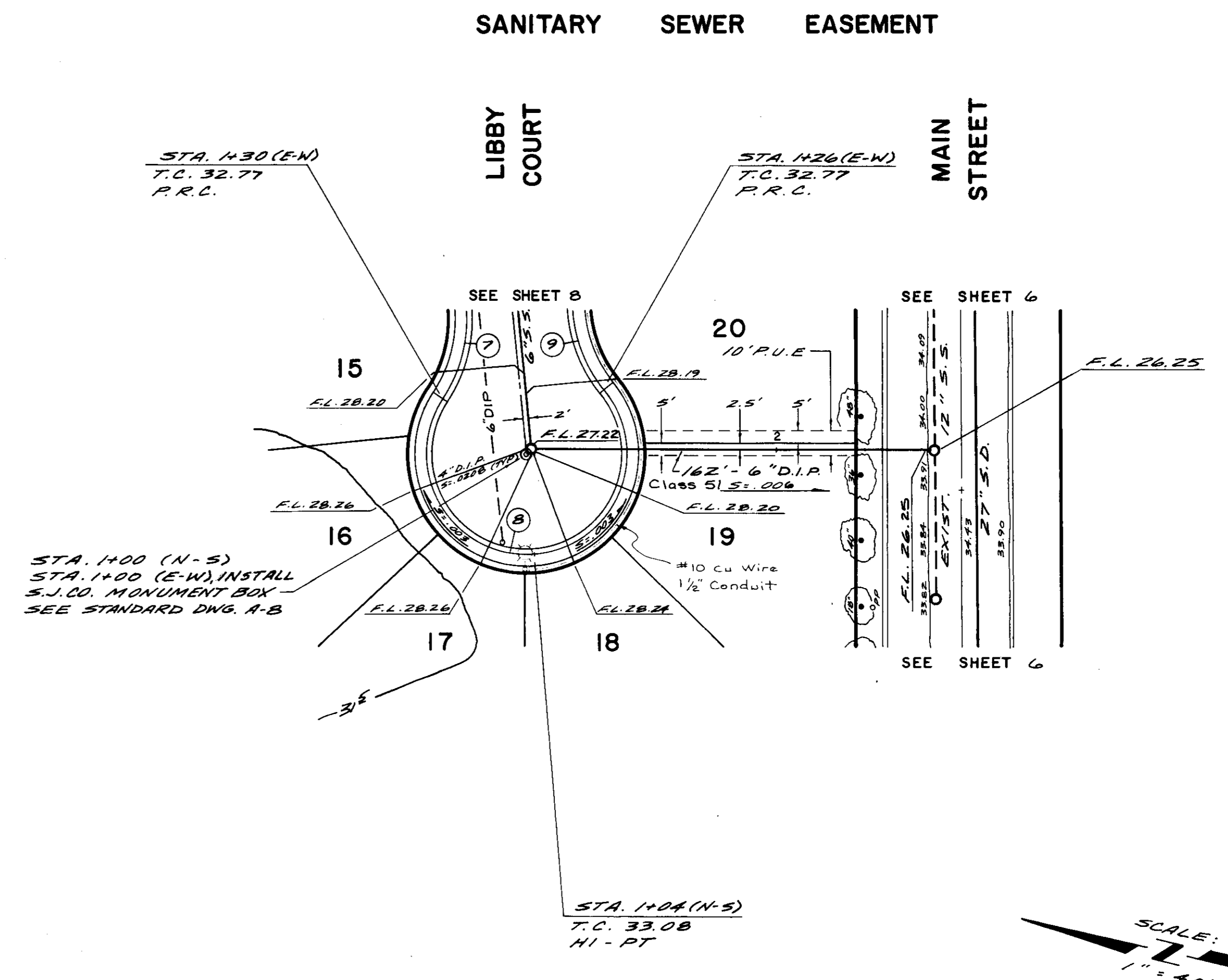
**PROFILE**  
 HORZ.: 1" = 40'  
 VERT.: 1" = 4'



**CURB DATA**

③	R=17' Δ=90° L=26.70'	⑦	R=57' Δ=39°21'30" L=39.16'
④	R=17' Δ=90° L=26.70'	⑧	R=40' Δ=252°28'42" L=176.26'
⑤	R=97' Δ=102°22" L=17.59'	⑨	R=57' Δ=48°28'37" L=47.90'
⑥	R=27' Δ=90° L=42.41'	⑩	R=53' Δ=115°24'46" L=106.76'

Department of Public Works, City of Stockton, Calif.  
 For SANITARY SEWER ONLY  
 Approved by: *Paul Sensibaugh* Date: *8/2/91*  
 Paul Sensibaugh, City Engineer, Stockton, Calif.



COUNTY OF SAN JOAQUIN  
 AS SHOWN  
 : ARS  
 : JS  
 : JMS DIRECTOR OF PUBLIC WORKS  
 COUNTY OF SAN JOAQUIN

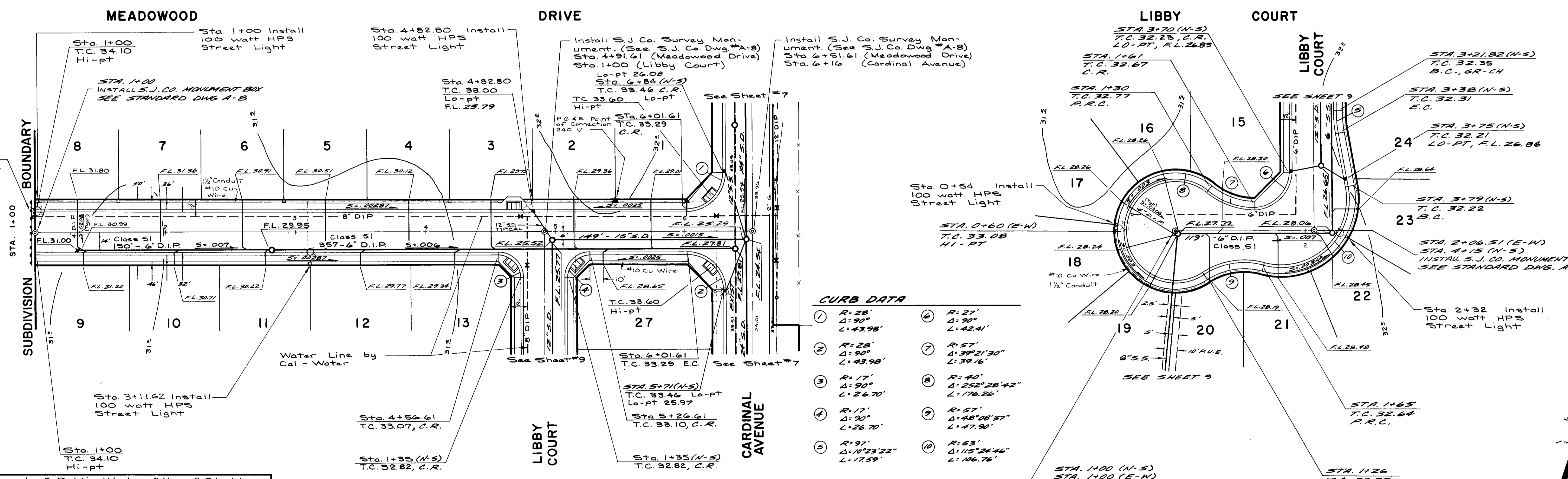
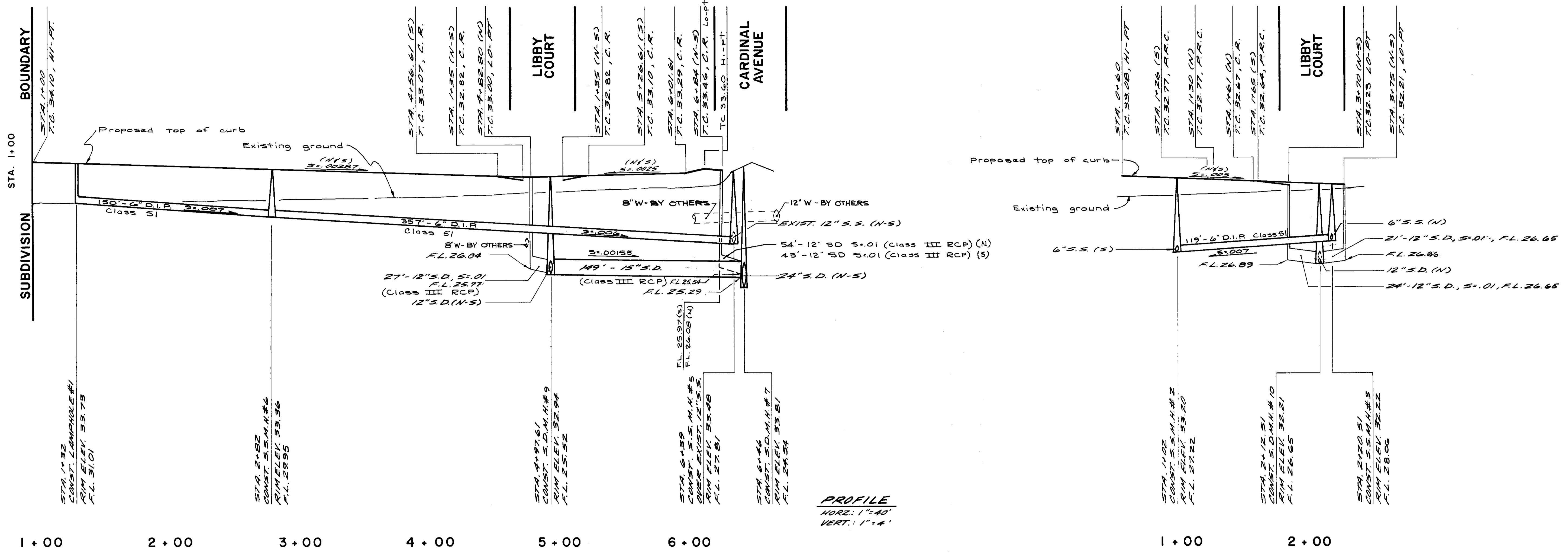
MEADOWOOD  
 IMPROVEMENT PLANS  
 LIBBY COURT  
 SANITARY SEWER EASEMENT

Su2499

2-19-91

36  
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SU2500

Department of Public Works, City of Stockton  
Calif. "For SANITARY SEWER ONLY"  
Approved by: *Paul Sensibaugh* Date: 1/23/91  
Paul Sensibaugh, City Engineer, Stockton, Calif.



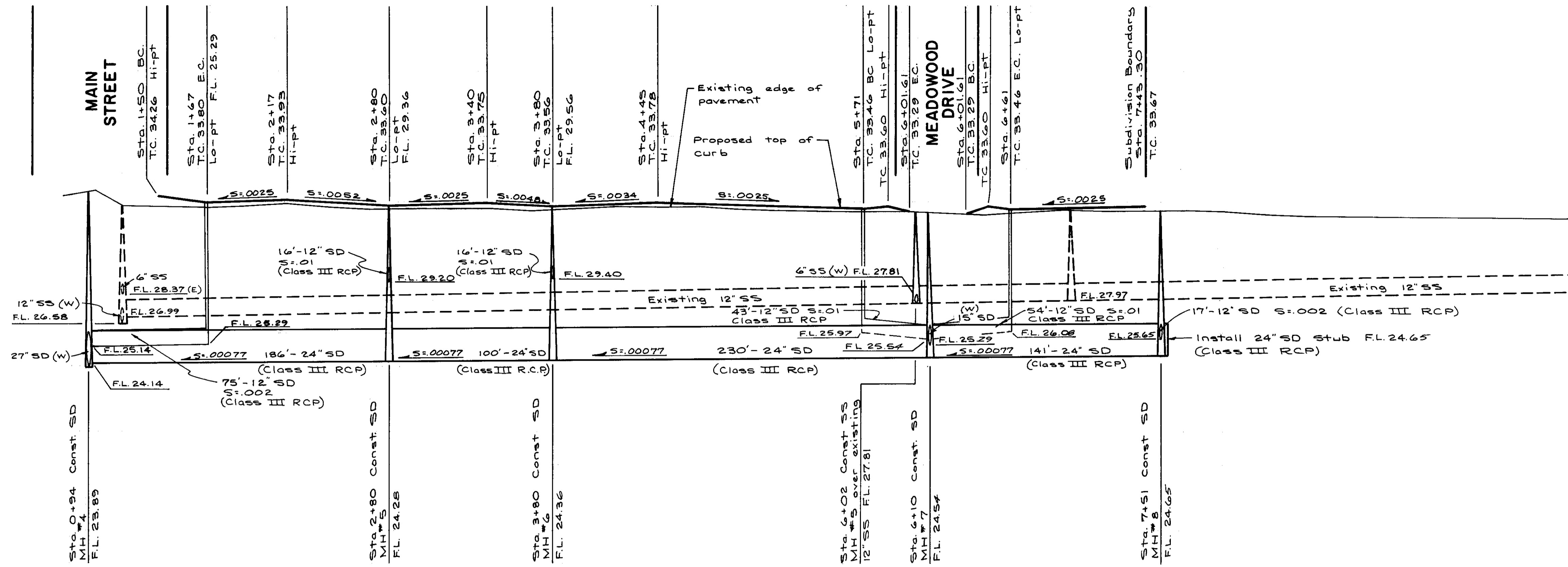
2-19-91

COUNTY OF SAN JOAQUIN  
AS SHOWN  
ARS  
JS  
JMS  
DIRECTOR OF PUBLIC WORKS  
COUNTY OF SAN JOAQUIN

MEADOWOOD  
IMPROVEMENT PLANS  
MEADOWOOD DRIVE  
LIBBY COURT

36  
34  
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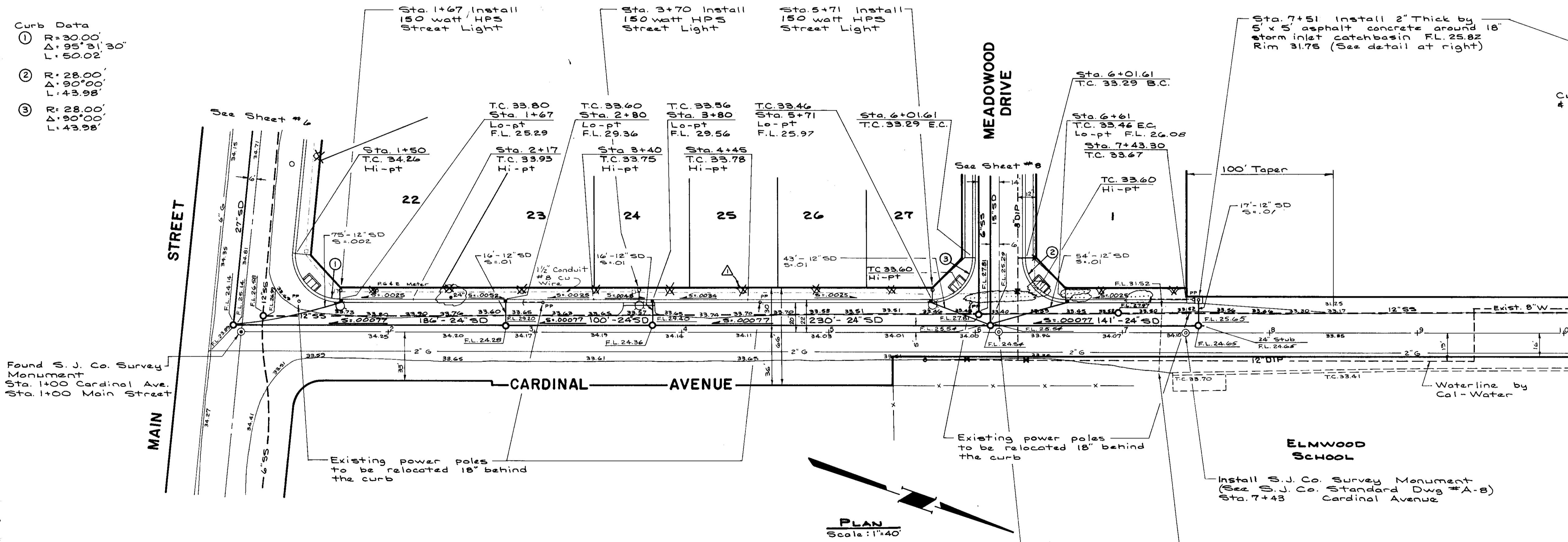
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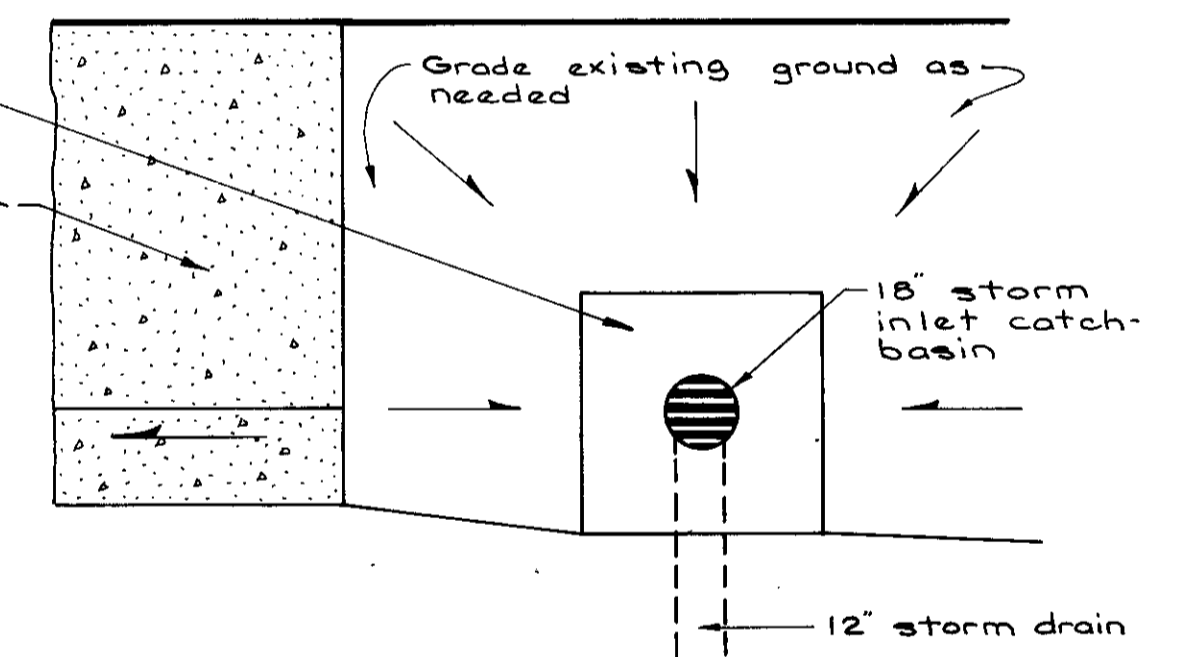
**PROFILE**  
Horiz.: 1" = 40'  
Vert.: 1" = 4'

- Curb Data
- ① R: 30.00'  
Δ: 95° 31' 30"  
L: 60.02'
  - ② R: 28.00'  
Δ: 90° 00'  
L: 43.98'
  - ③ R: 28.00'  
Δ: 90° 00'  
L: 43.98'

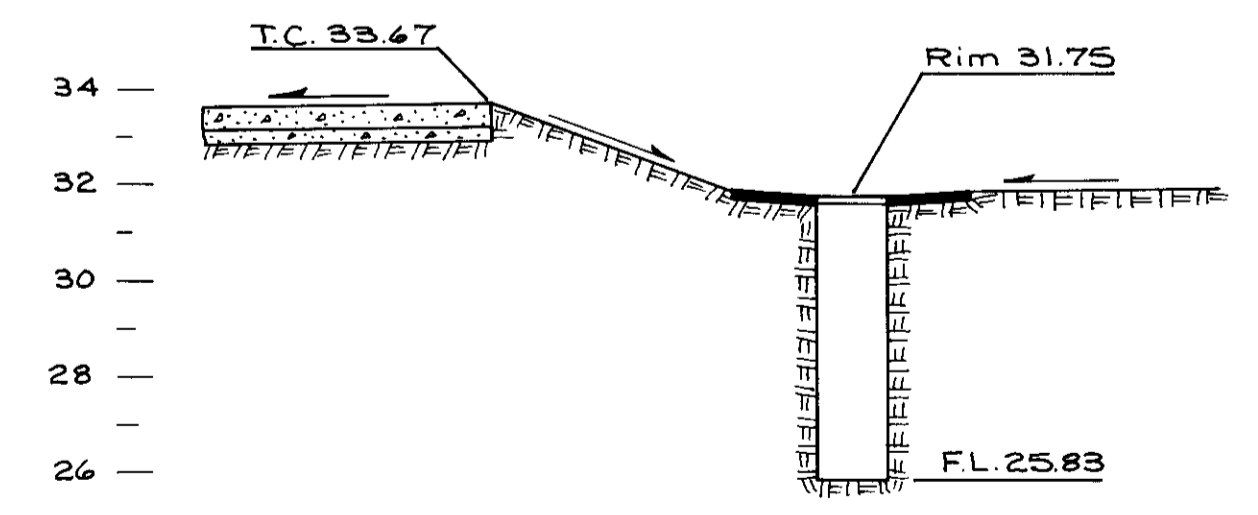
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**PLAN**  
Scale: 1" = 40'



**PLAN**  
Scale: 1" = 4'



**PROFILE**  
Scale: 1" = 4'

Department of Public Works, City of Stockton, Calif. "For SANITARY SEWER ONLY"  
Approved by: *Paul Sensibaugh* Date: 9/23/92  
Paul Sensibaugh, City Engineer, Stockton, Calif.  
ELIMINATE TREE WELLS & 18" SYSTEM

2-19-91



*Albert R. Sangunetti*

COUNTY OF SAN JOAQUIN

AS SHOWN  
ARS  
KS  
JMS  
DIRECTOR OF PUBLIC WORKS  
COUNTY OF SAN JOAQUIN

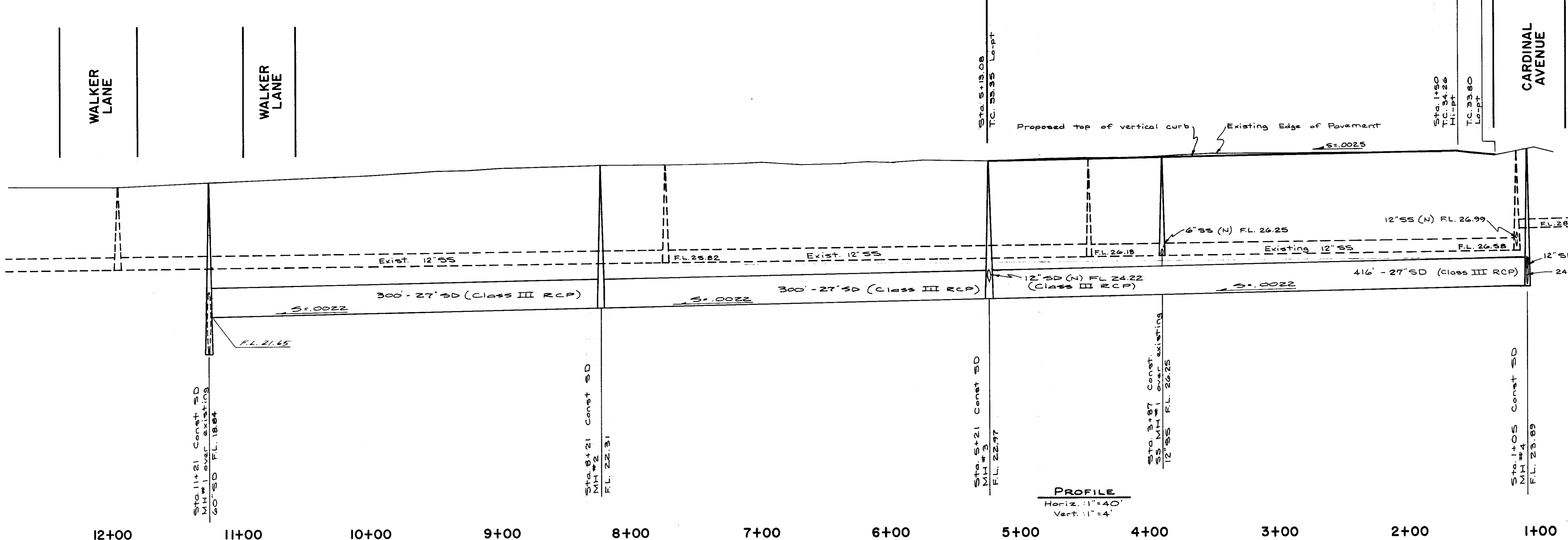
MEADOWOOD  
IMPROVEMENT PLANS

CARDINAL AVENUE  
MAIN STREET TO SUBDIVISION BOUNDARY

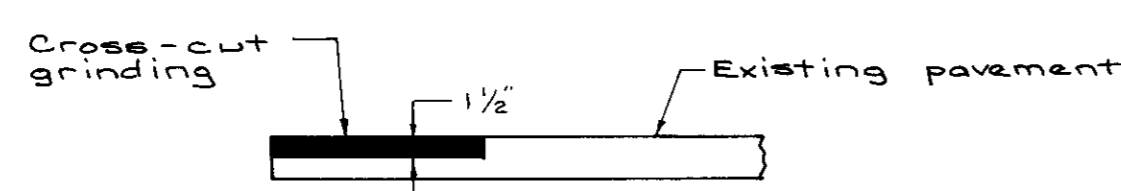
Sua2501

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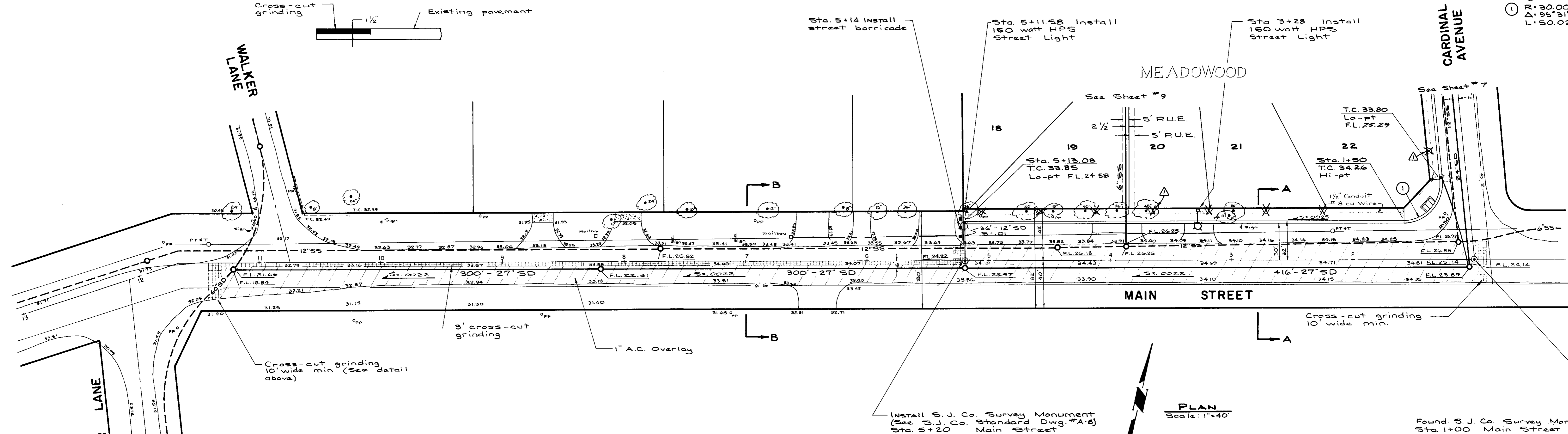
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12+00 11+00 10+00 9+00 8+00 7+00 6+00 5+00 4+00 3+00 2+00 1+00



CURB DATA  
 ① R=30.00'  
 Δ=95°31'30"  
 L=50.02'



PLAN  
Scale: 1"=40'

Department of Public Works, City of Stockton,  
 Calif. "FOR SANITARY SEWER ONLY"  
 Approved by: *Paul Sensibaugh* Date: *1/23/92*  
 Paul Sensibaugh, City Engineer, Stockton, Calif.



COUNTY OF SAN JOAQUIN

AS SHOWN  
 ARS  
 KS  
 JMS  
 DIRECTOR OF PUBLIC WORKS  
 COUNTY OF SAN JOAQUIN

MEADOWWOOD  
IMPROVEMENT PLANS

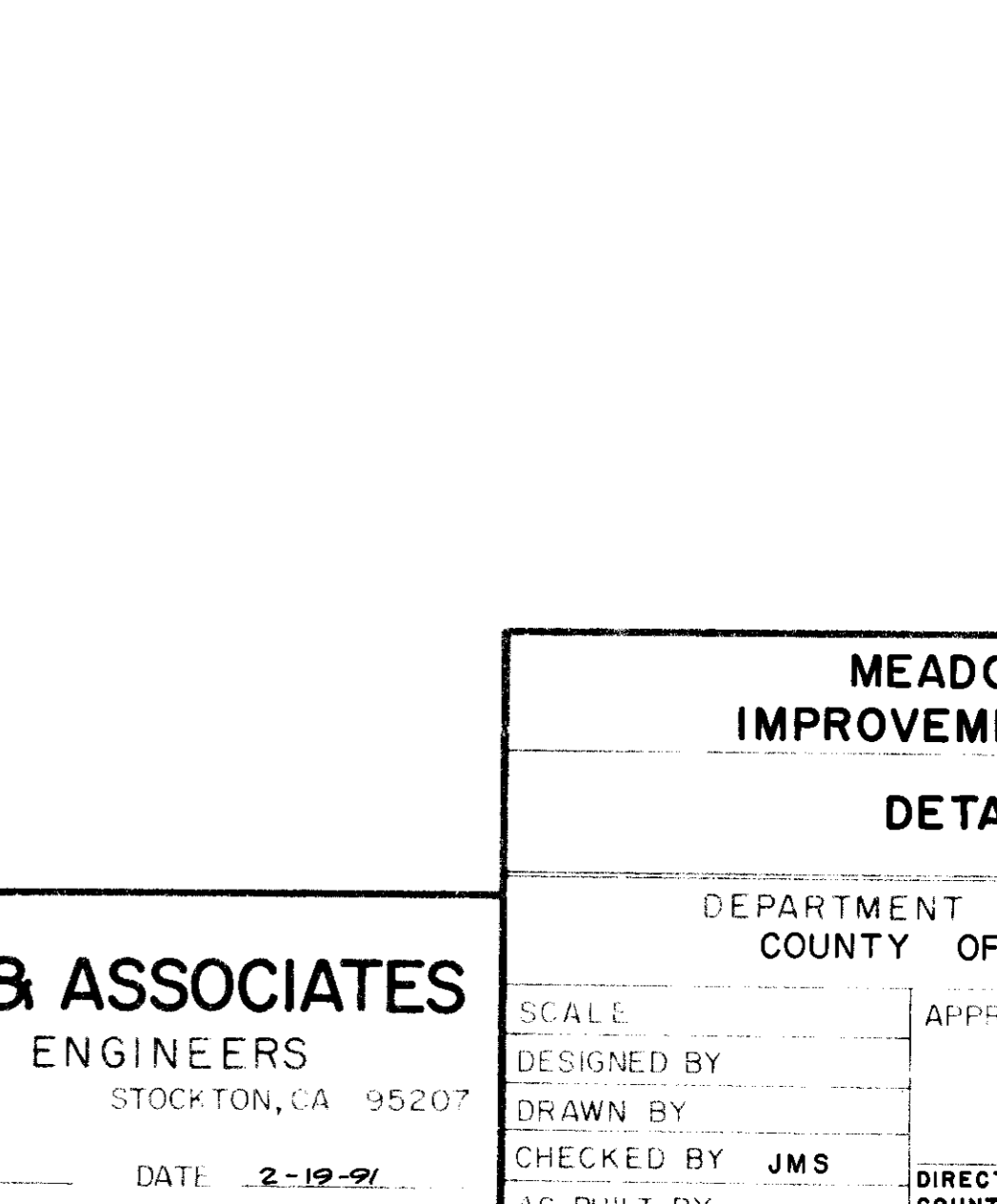
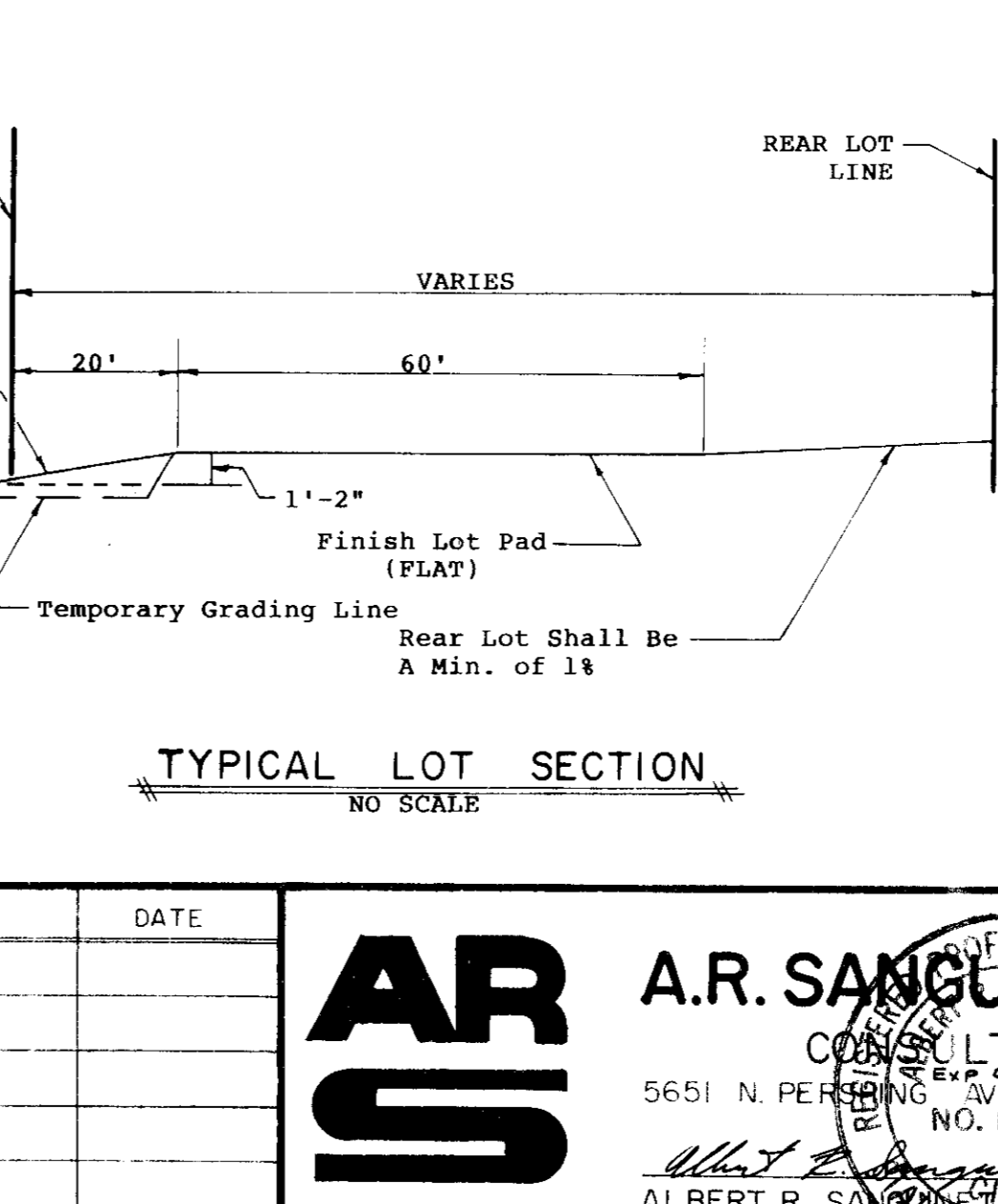
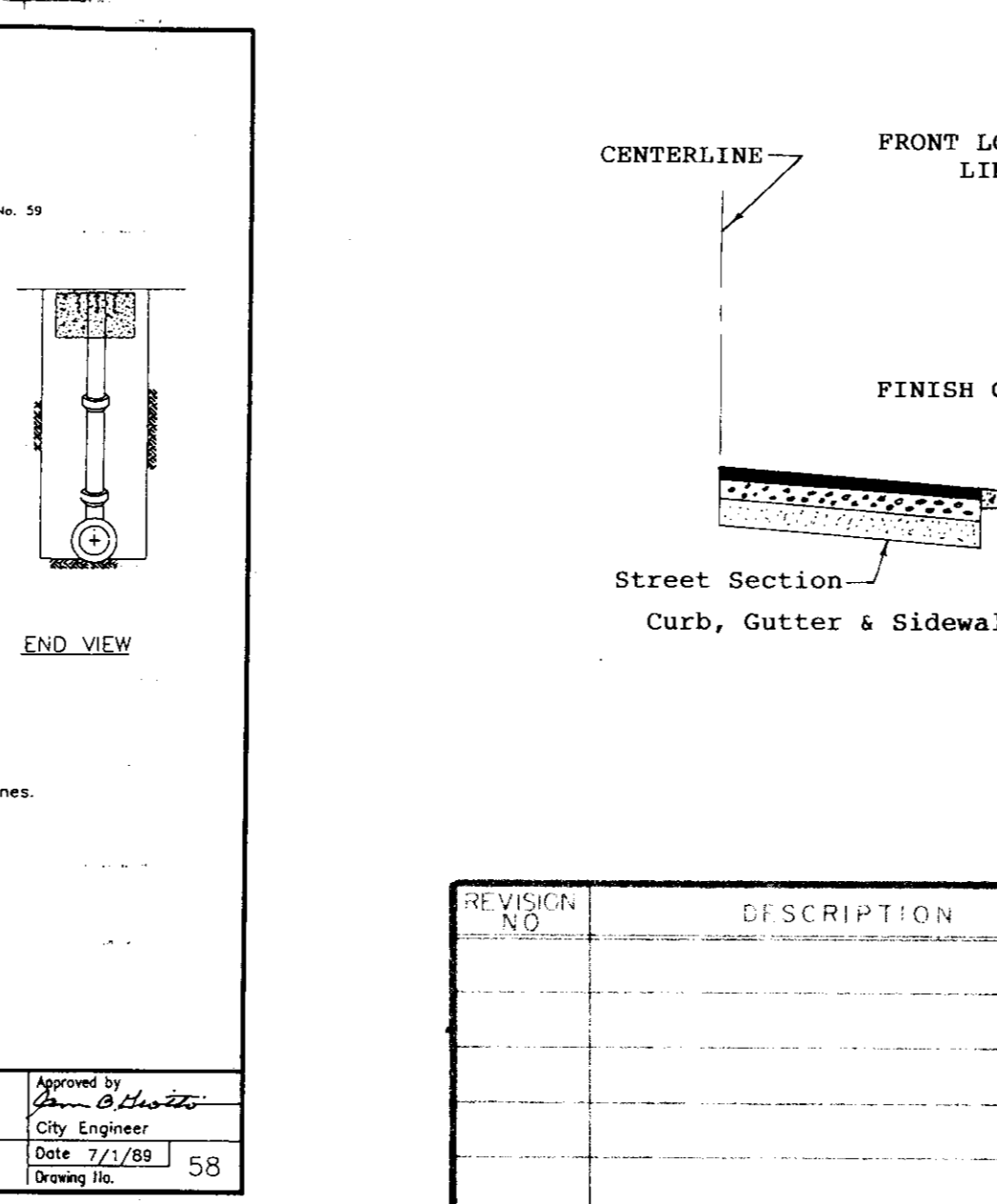
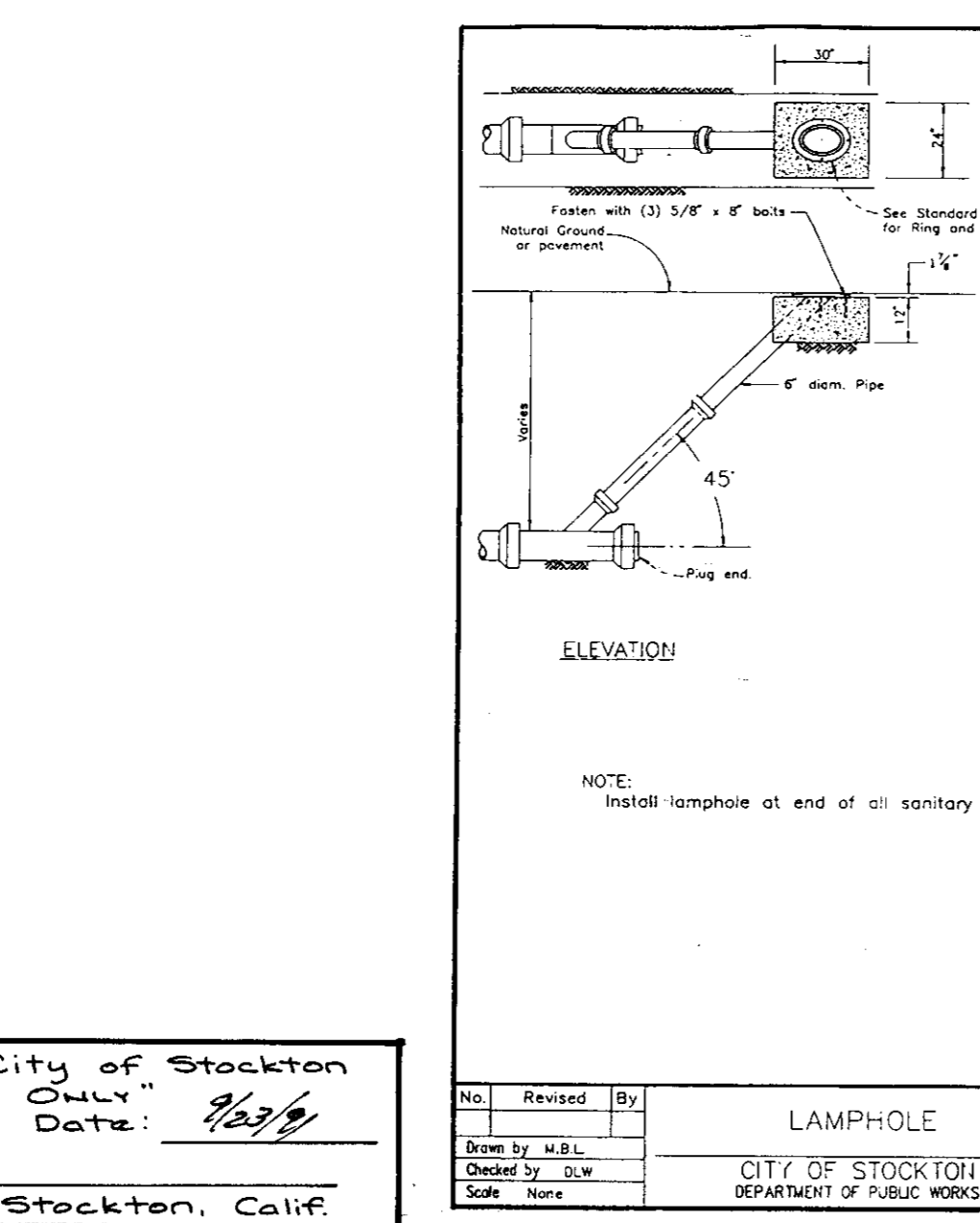
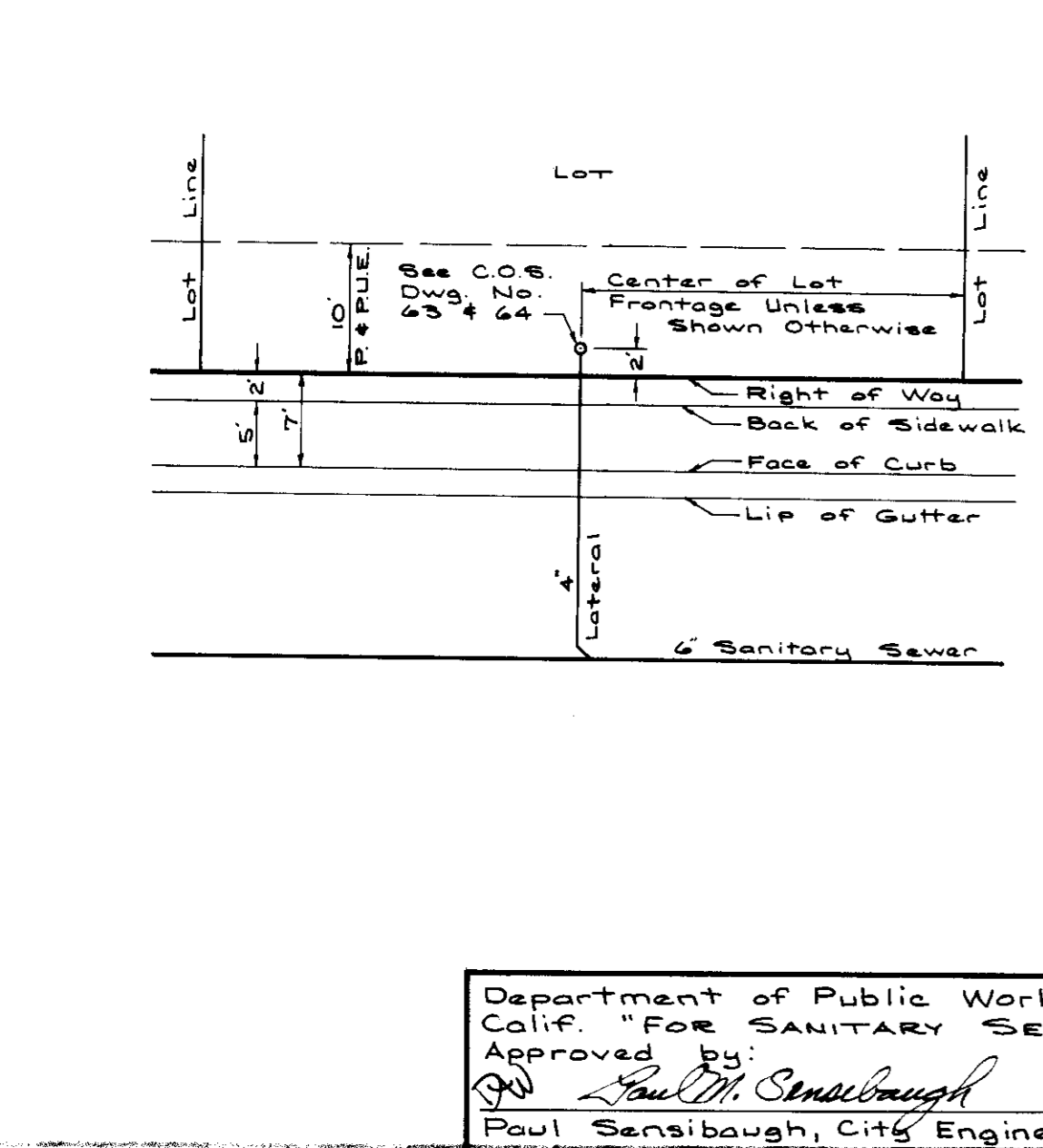
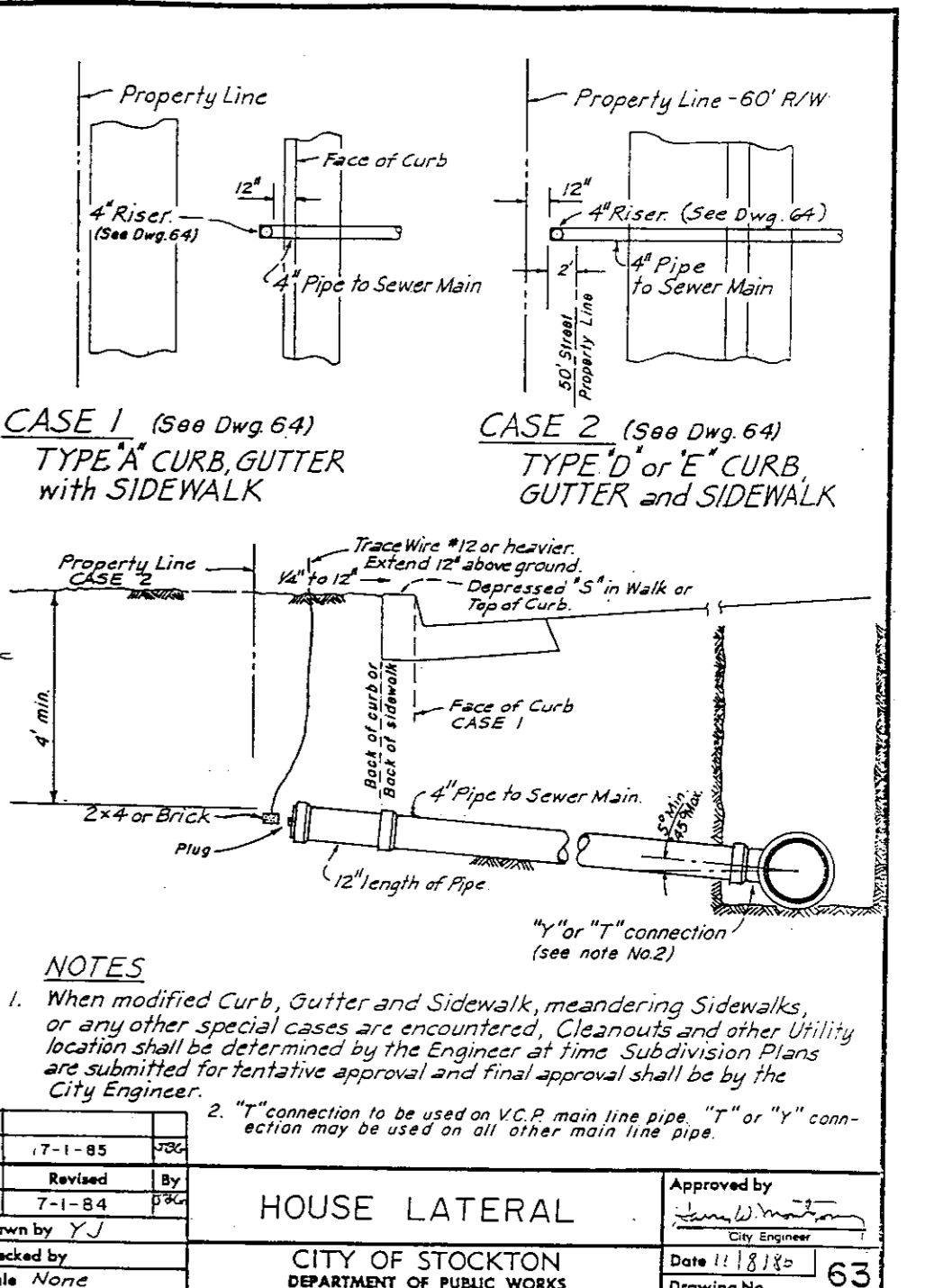
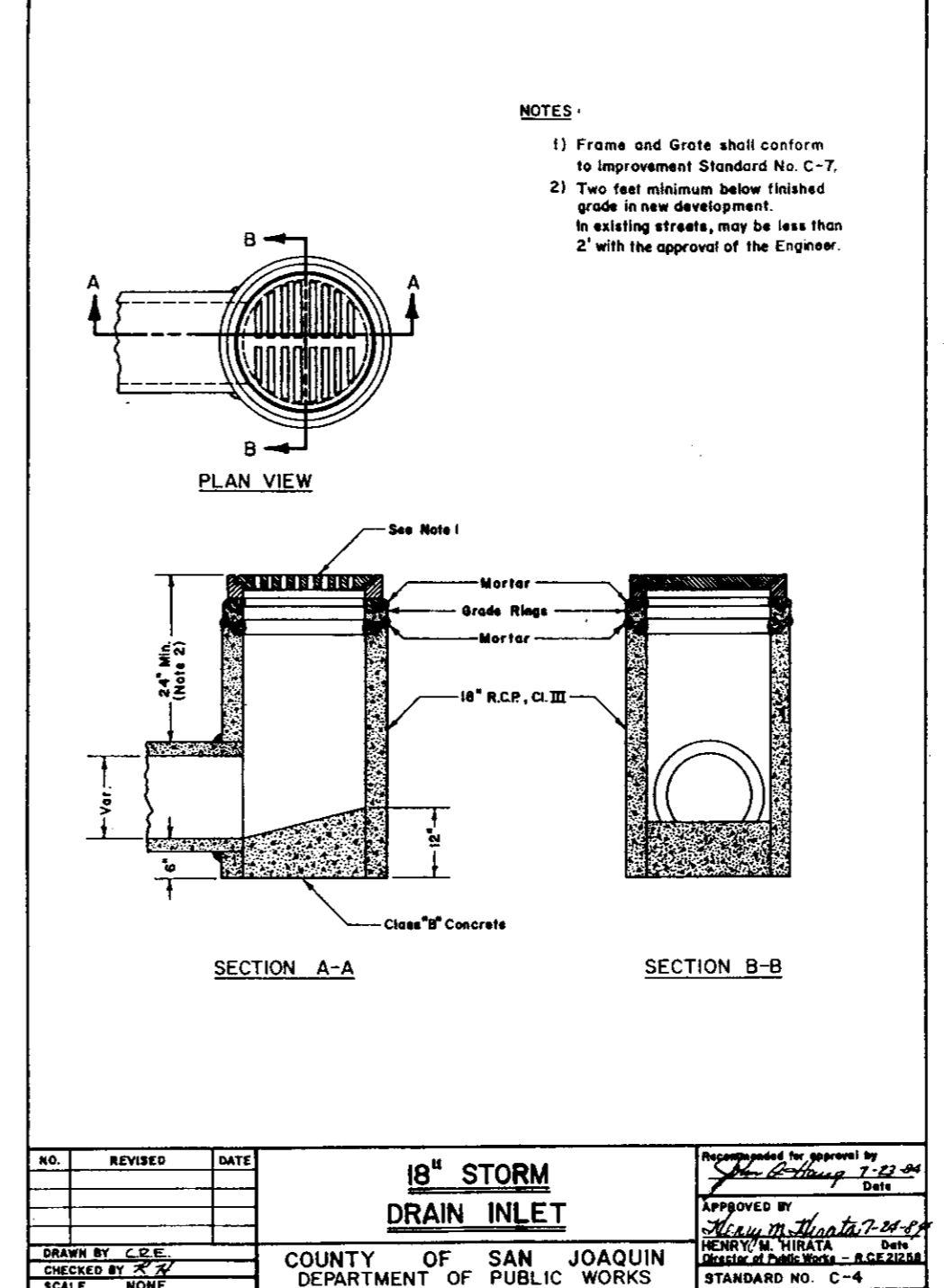
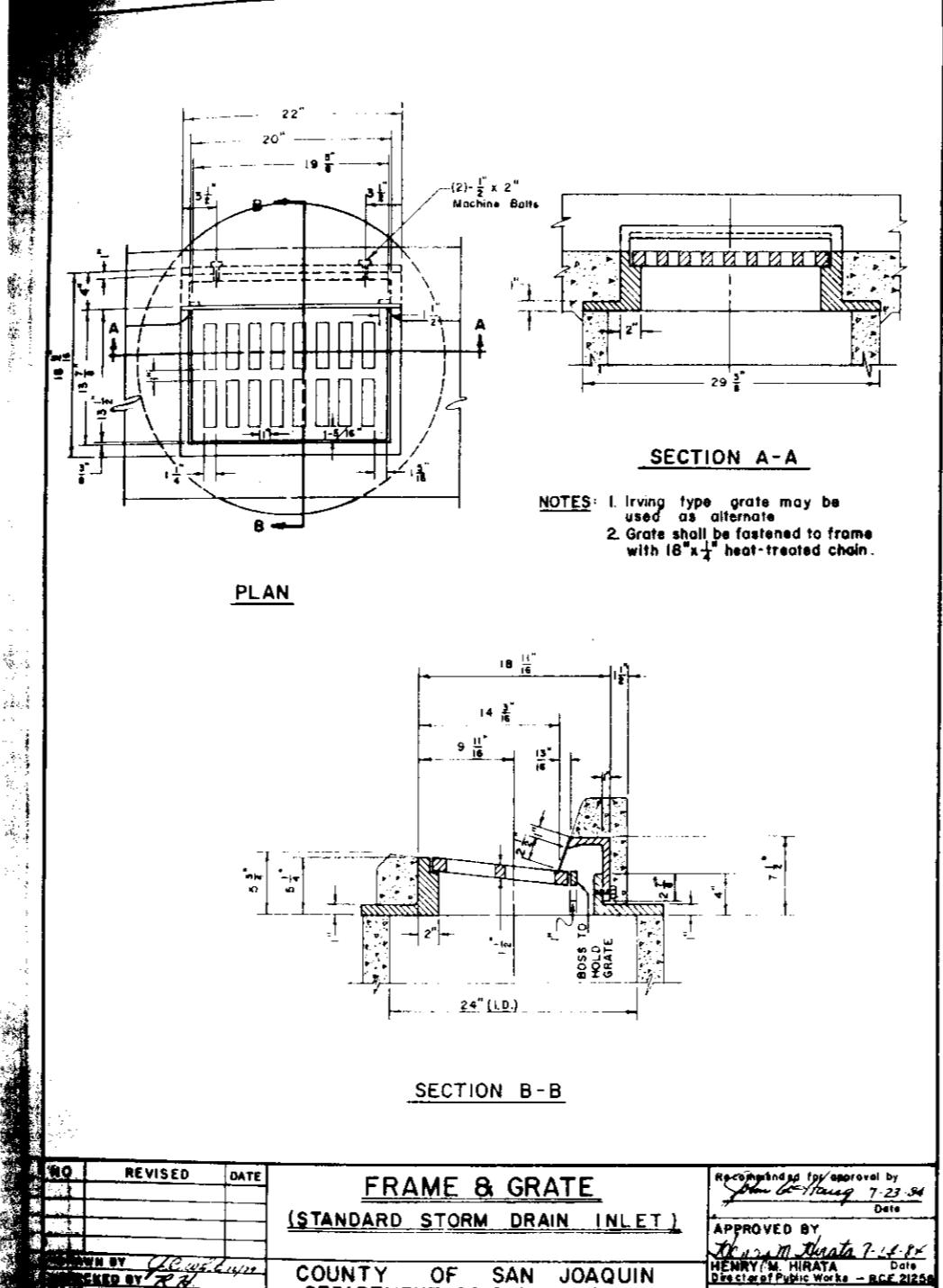
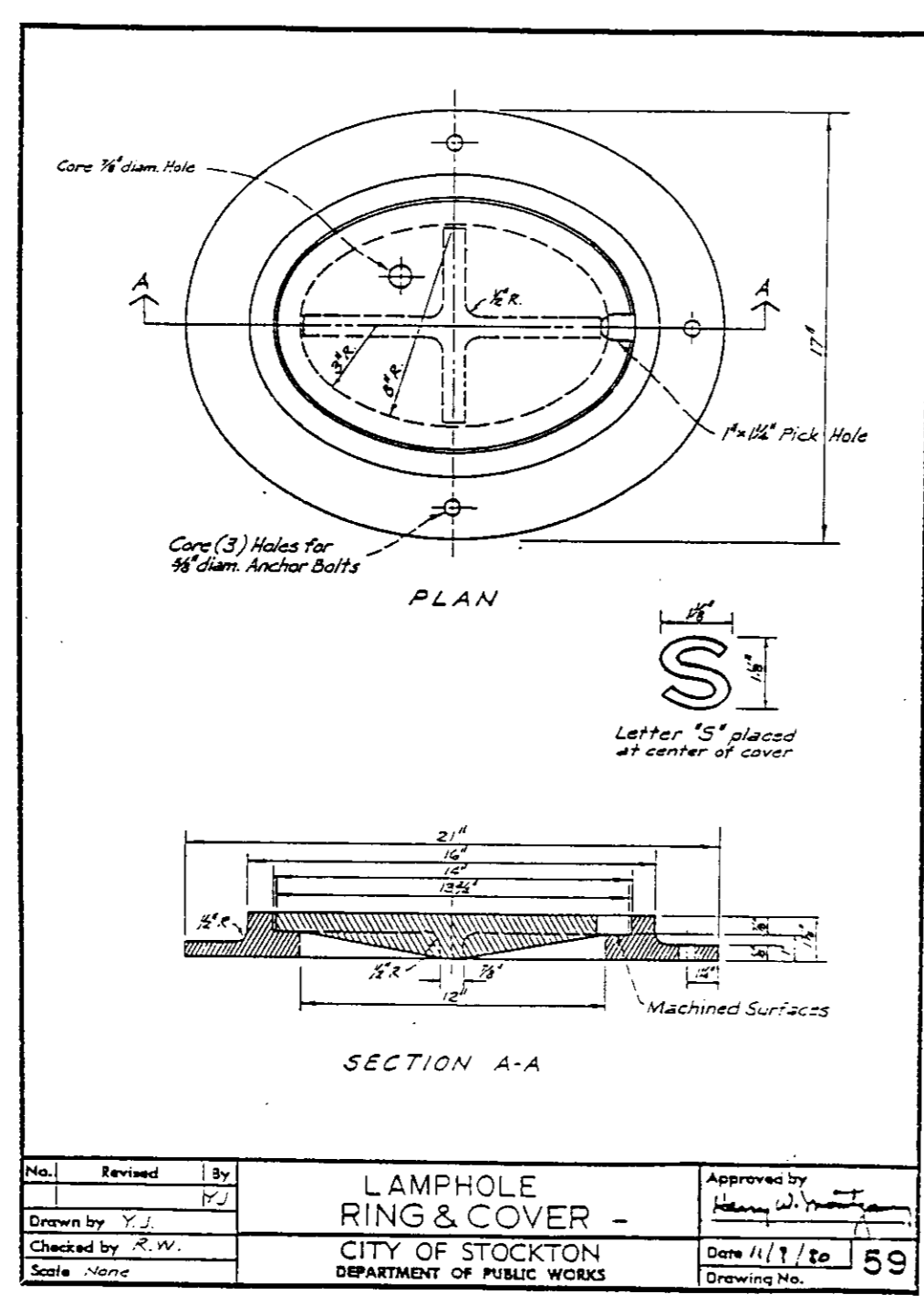
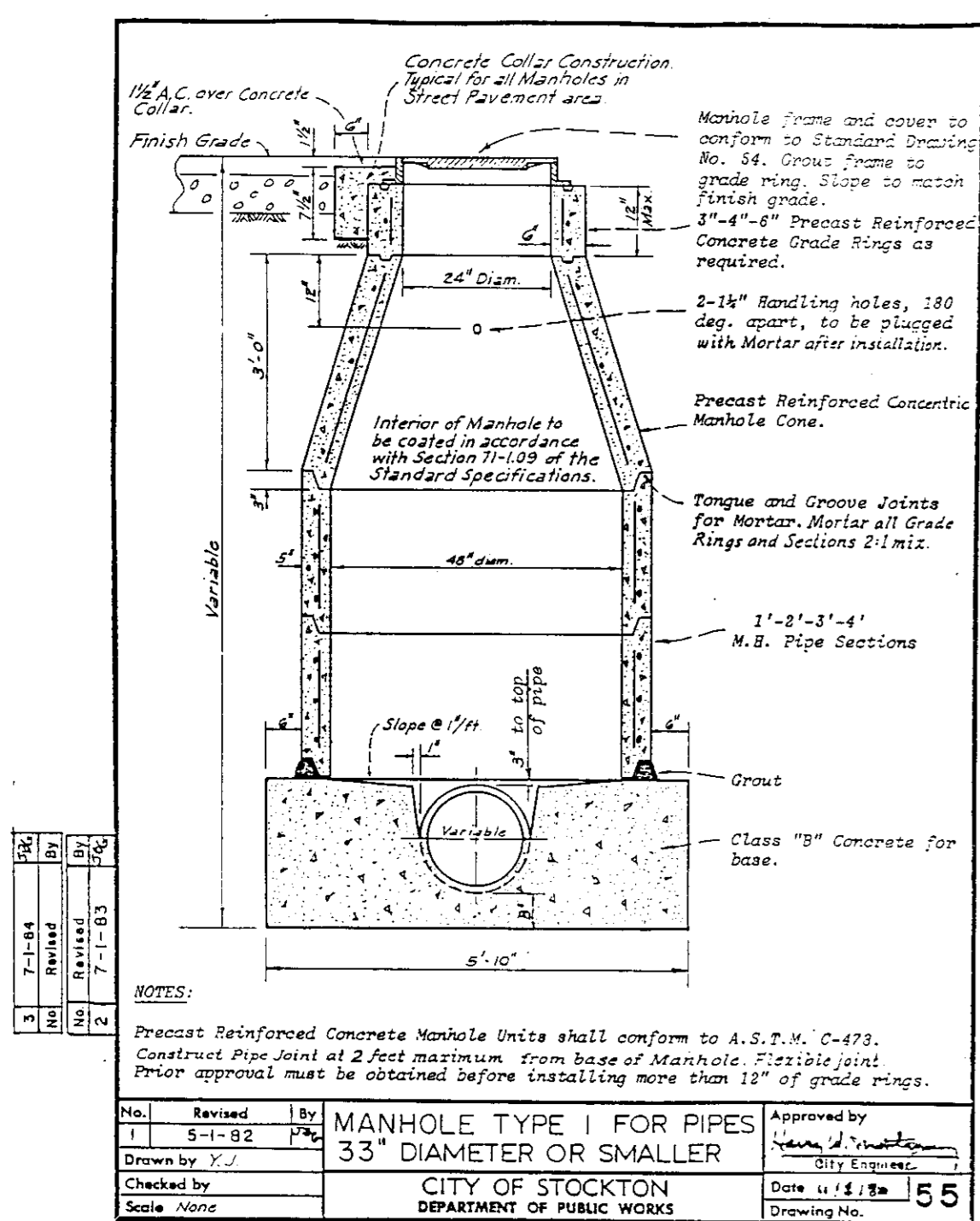
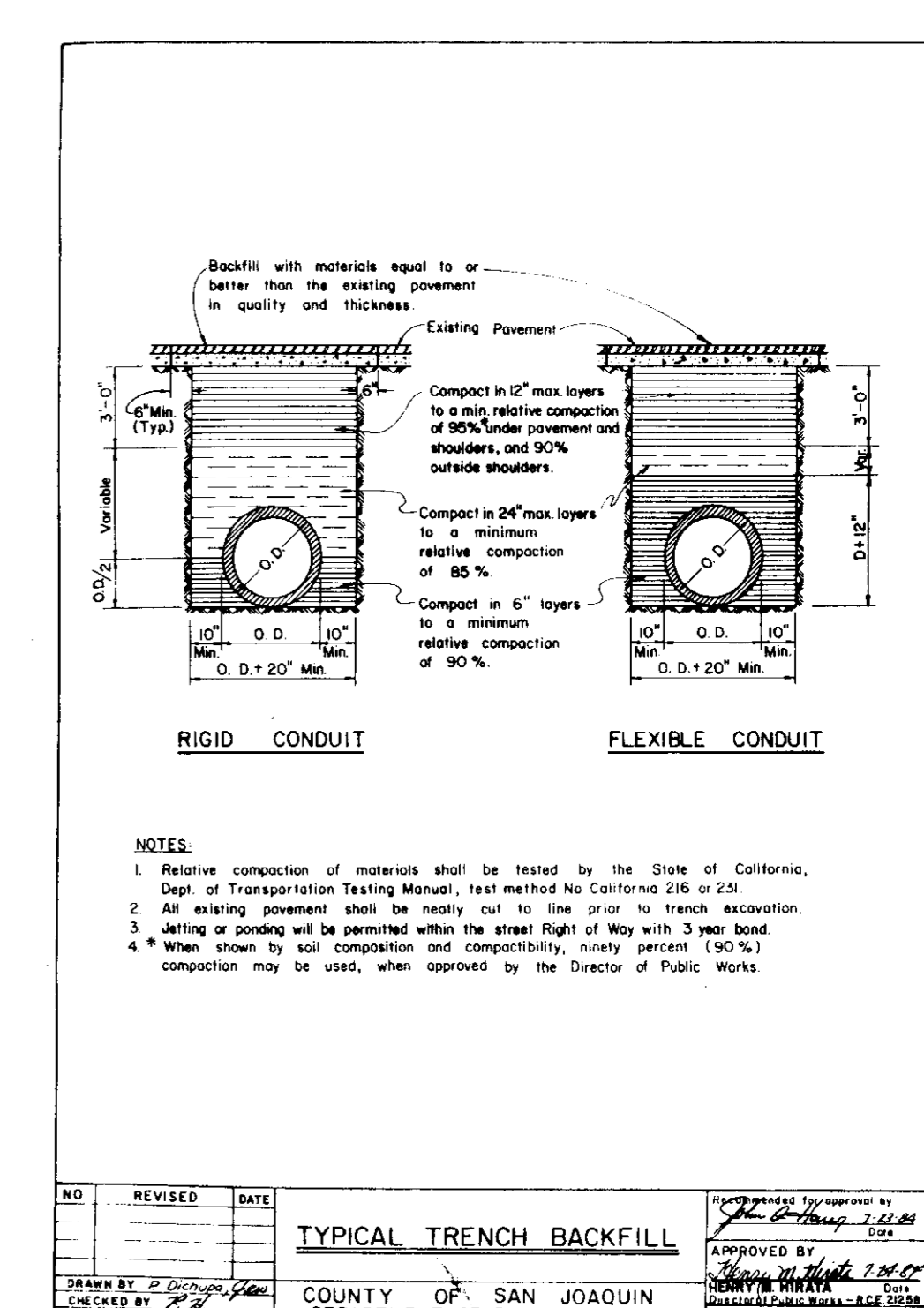
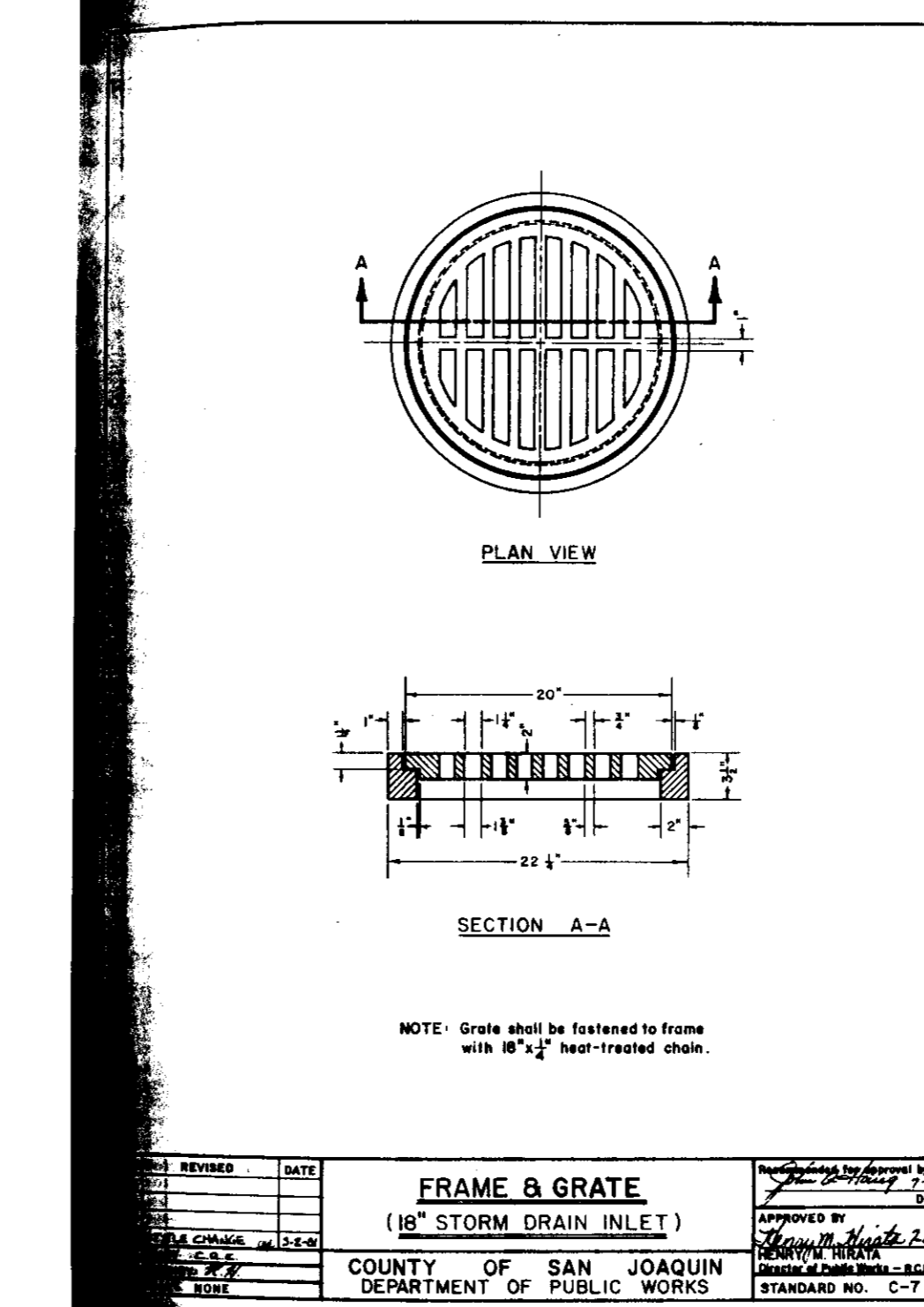
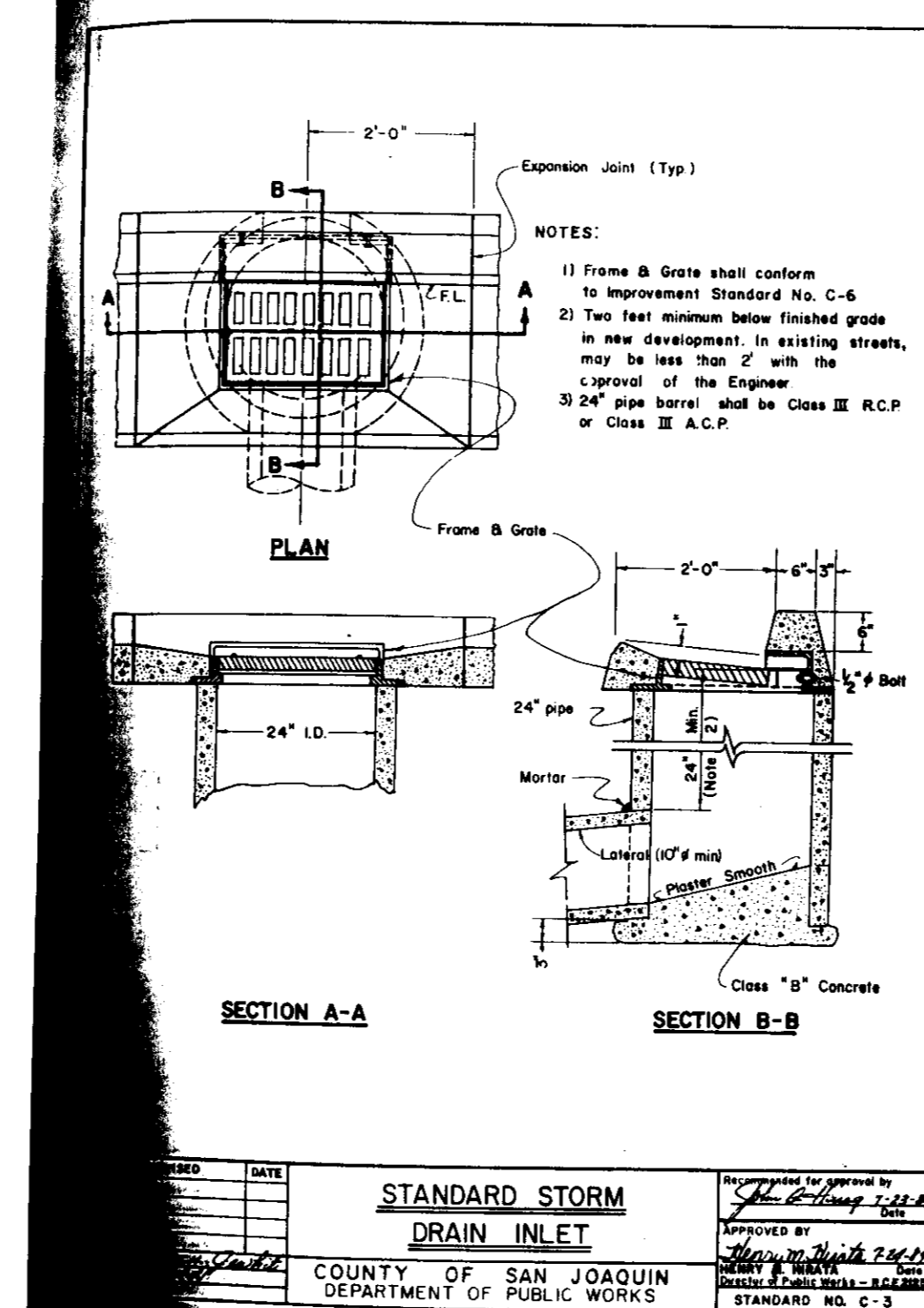
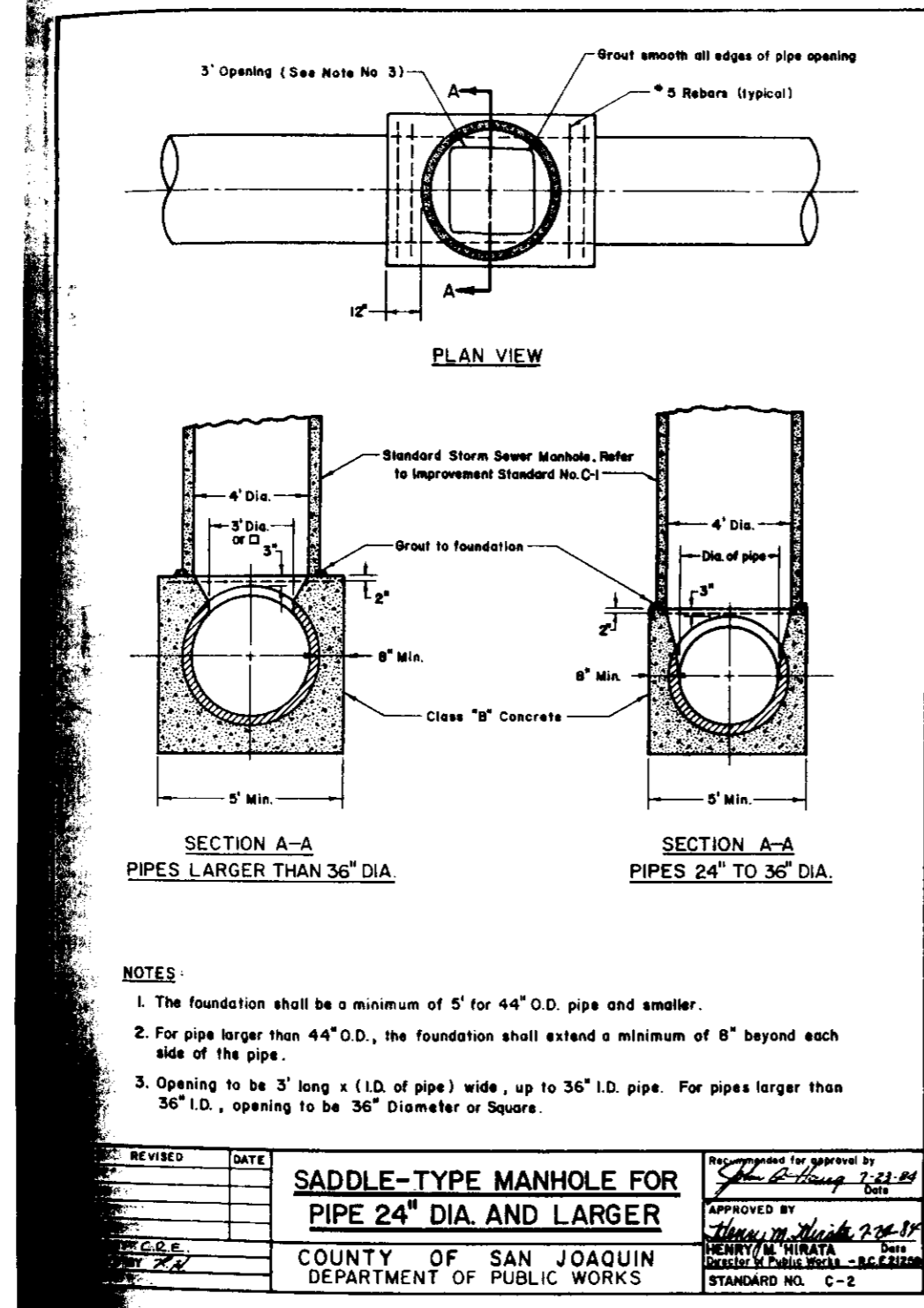
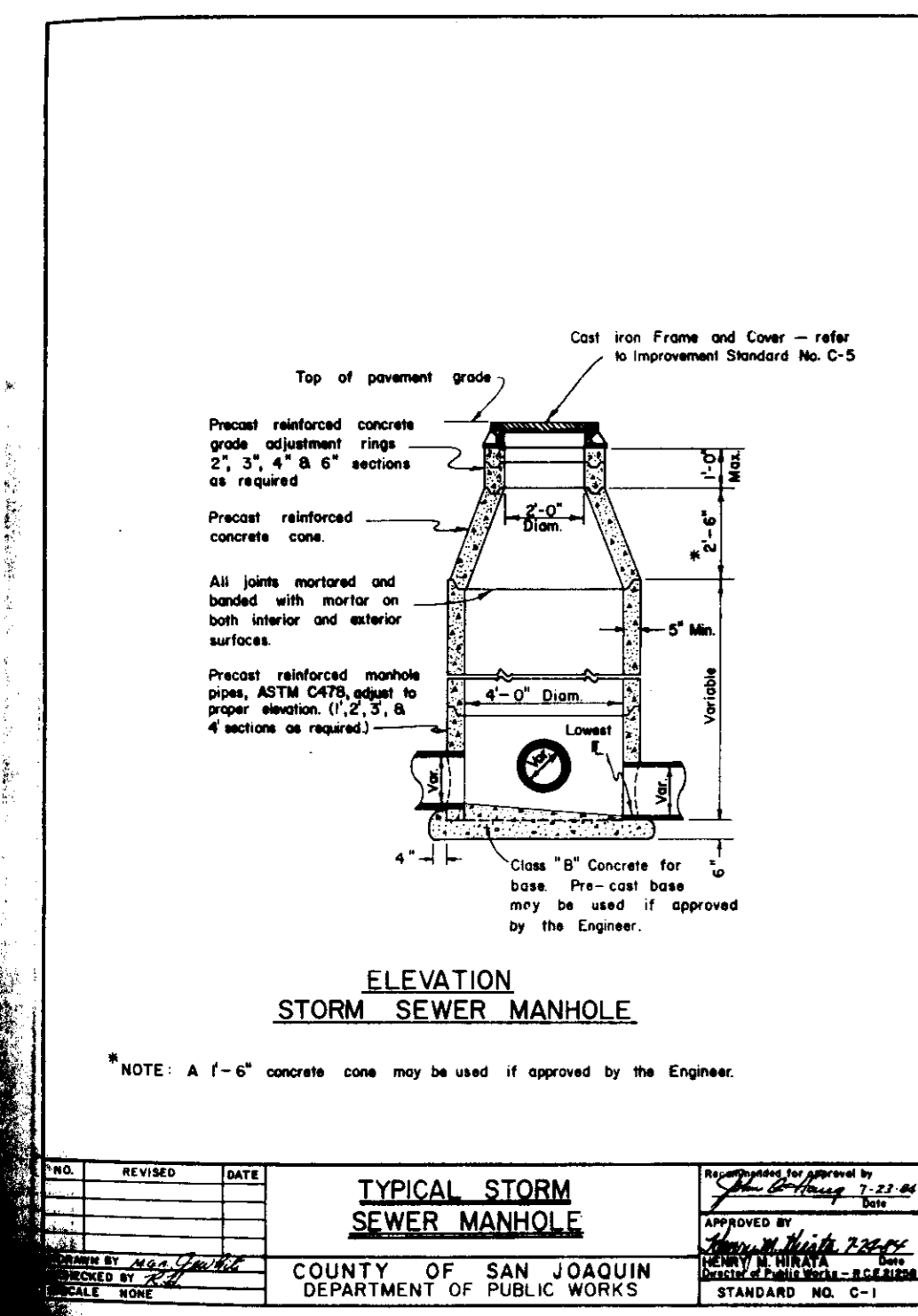
MAIN STREET  
CARDINAL AVENUE TO WALKER LANE

SU 2502

ELIMINATE TREE WELLS & IRRIG. SYS. p.m.d. 3-19-92

2-19-91

Traffic Detour and control plan shall conform to Drawing T-13 of Cal-Trans Standard Plans Section 7-1.08 of the Standard Specifications dated January 1988.



SU2503

Department of Public Works, City of Stockton  
Calif. "FOR SANITARY SEWER ONLY"  
Approved by: *[Signature]* Date: 1/23/81  
Paul Sensibaugh, City Engineer, Stockton, Calif.

APPROVED BY: *[Signature]*  
DATE: 1/23/81  
CITY ENGINEER

CHECKED BY: *[Signature]*  
DATE: 1/23/81  
CITY ENGINEER

CITY OF STOCKTON  
DEPARTMENT OF PUBLIC WORKS

REVISION NO.	DESCRIPTION	DATE

**AR S**

**A.R. SANGUINETTI & ASSOCIATES**  
CONSULTING CIVIL ENGINEERS  
5651 N. PERSHING AVE., SUITE 151  
STOCKTON, CA 95207  
NO. 15.831  
DATE: 2-19-81  
ALBERT R. SANGUINETTI, LICENSE 15831

**MEADOWOOD IMPROVEMENT PLANS**

**DETAILS**

DEPARTMENT OF PUBLIC WORKS  
COUNTY OF SAN JOAQUIN

SCALE: \_\_\_\_\_

DESIGNED BY: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_

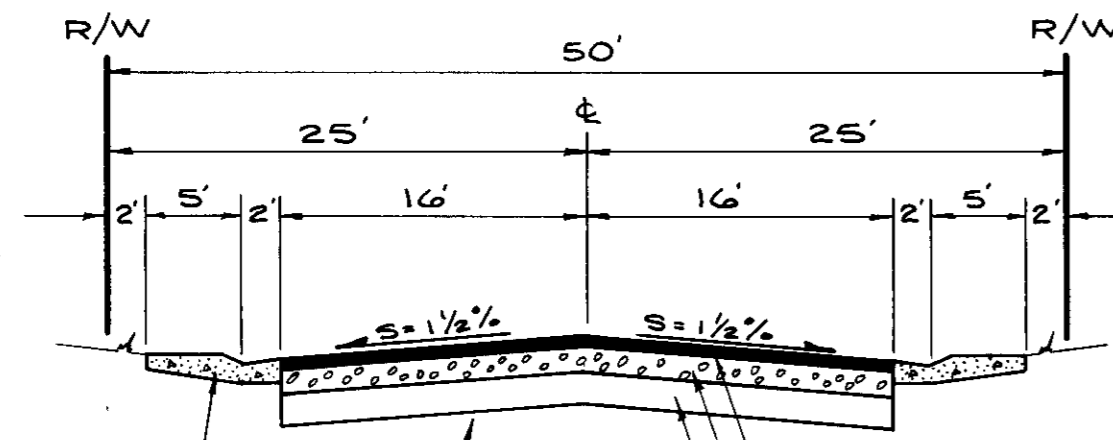
CHECKED BY: JMS

AS BUILT BY: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

DIRECTOR OF PUBLIC WORKS  
COUNTY OF SAN JOAQUIN

SHEET 5 OF 11 JOB



Construct monolithic bevel-type curb, gutter & sidewalk

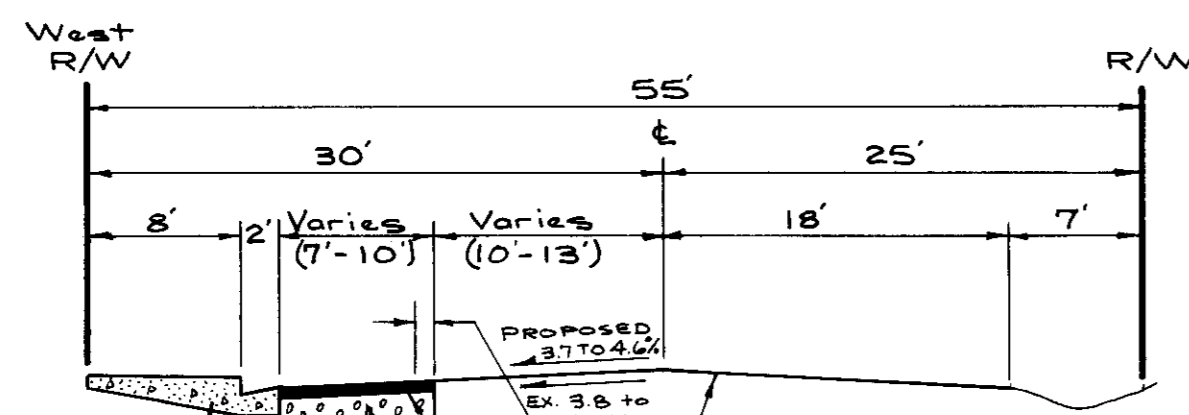
Compact street subgrade to 95% relative compaction for a depth of 6"

2" Asphalt Concrete, GE = 0.43"  
5" Aggregate Base, GE = 0.46"  
5" Aggregate Sub-base, GE = 0.42"  
DESIGNED GE = 1.31

R=5.0 T.I.=4.0  
REQUIRED GE = 1.22'

**TYPICAL STREET SECTION**

Meadowood Drive  
Libby Court  
Scale: 1"=10'



Construct monolithic vertical type curb, gutter & sidewalk

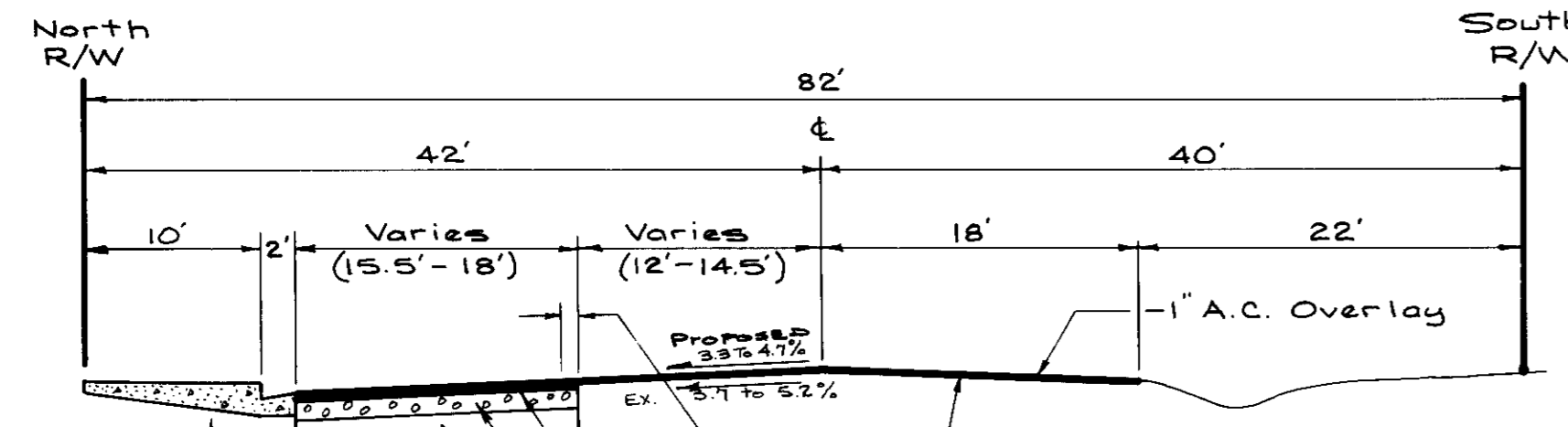
Compact street subgrade to 95% relative compaction for a depth of 6"

Existing pavement  
Saw-cut a minimum of 1'-0" into existing pavement  
2" Asphalt Concrete, GE = 0.43"  
6" Aggregate Base, GE = 0.55"  
7" Aggregate Sub-base, GE = 0.58"  
DESIGNED GE = 1.56'

R=5.0 T.I.=5.0  
REQUIRED G.E. = 1.52'

**TYPICAL STREET SECTION**

Cardinal Avenue  
Scale: 1"=10'



Construct monolithic vertical type curb, gutter & sidewalk

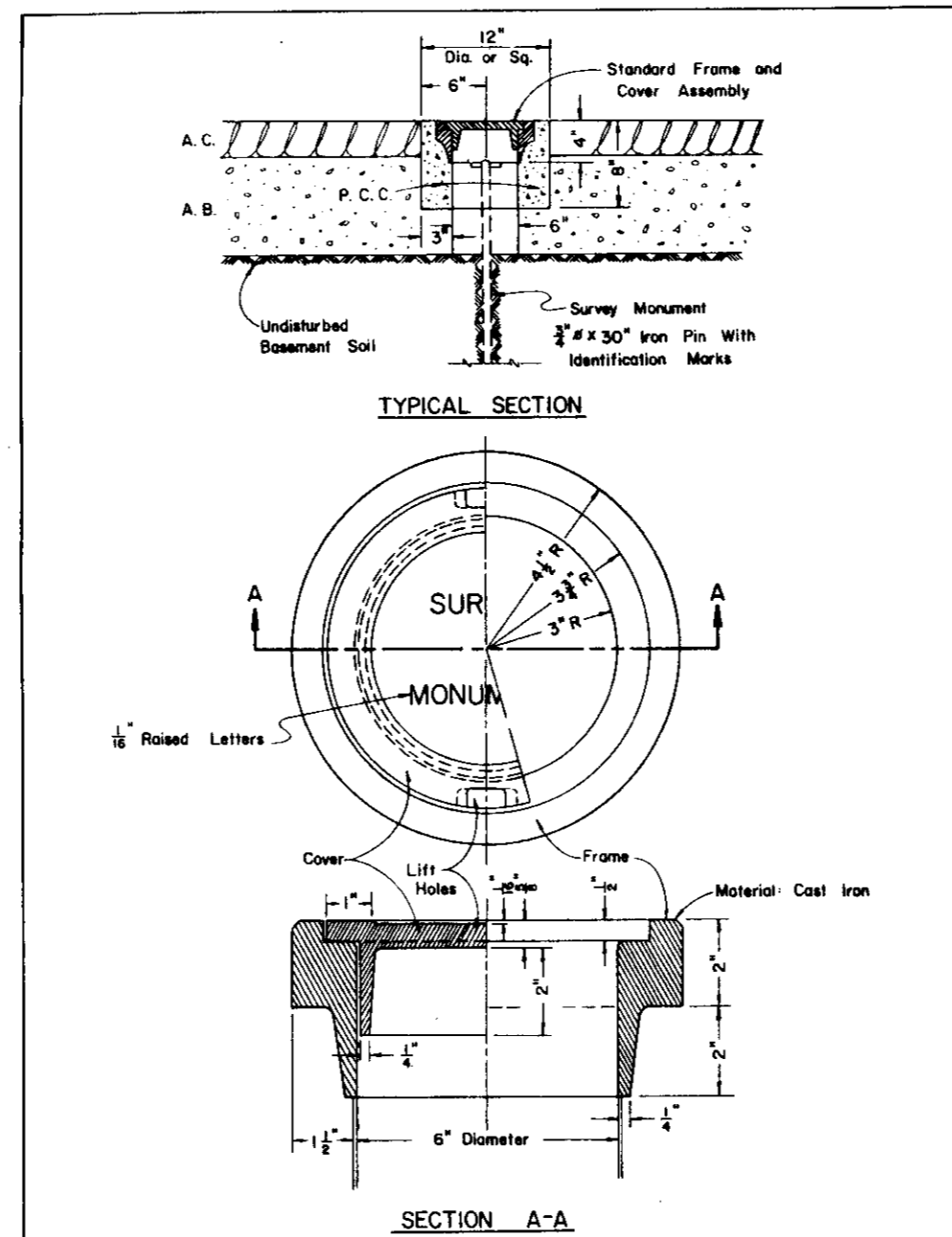
Compact street subgrade to 95% relative compaction for a depth of 6"

Existing pavement  
Saw-cut a minimum of 1'-0" into existing pavement  
3" Asphalt Concrete, GE = 0.58"  
6" Aggregate Base, GE = 0.55"  
9" Aggregate Sub-base, GE = 0.75"  
DESIGNED GE = 1.88'

R=5.0 T.I.=6.0  
REQUIRED G.E. = 1.82'

**TYPICAL STREET SECTION 'A-A'**

Main Street  
Scale: 1"=10'

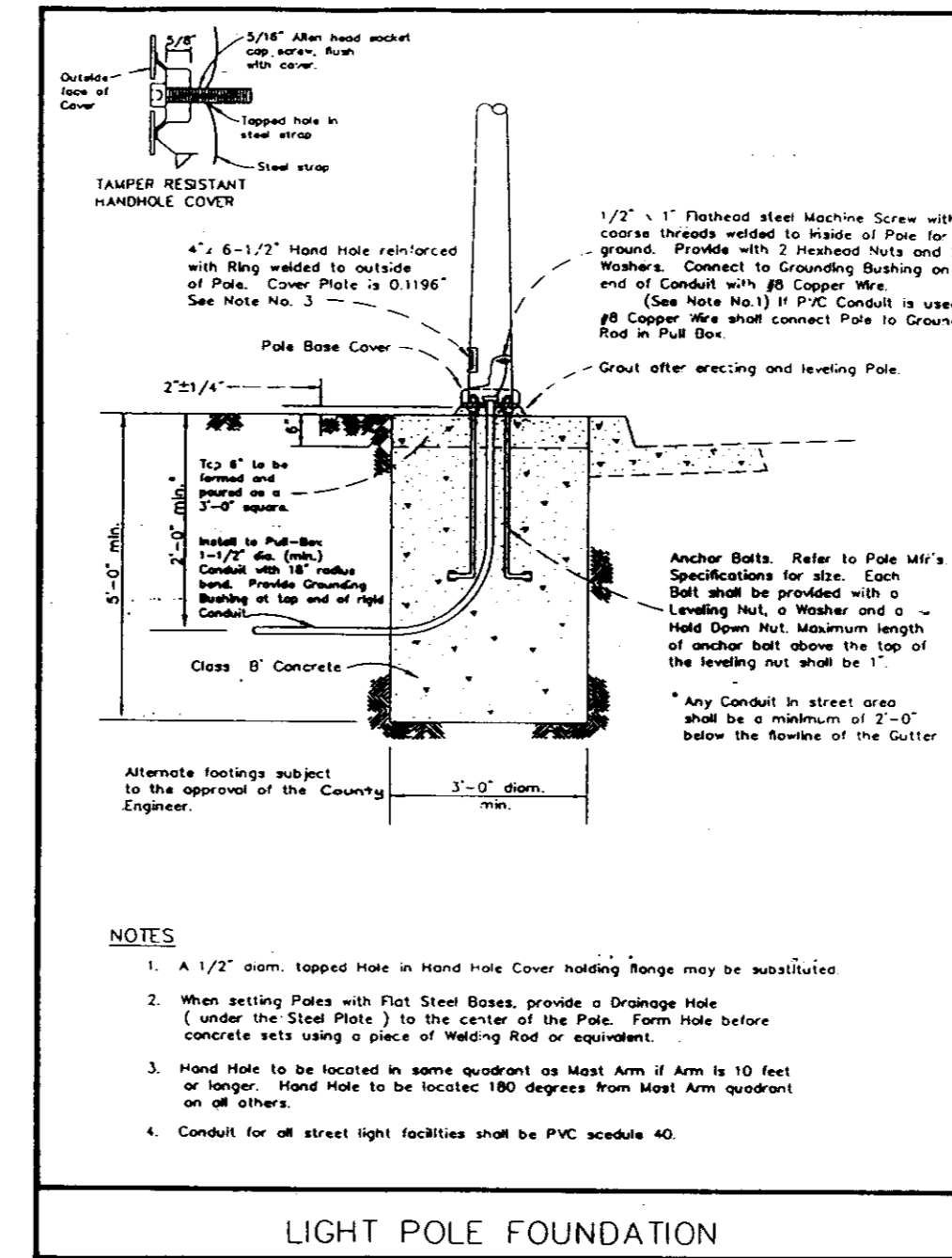


NO.	REVISED	DATE	DESCRIPTION

**SURVEY MONUMENT FRAME & COVER ASSEMBLY**

APPROVED BY: [Signature]  
DATE: 1/23/94

COUNTY OF SAN JOAQUIN  
DEPARTMENT OF PUBLIC WORKS  
STANDARD NO. 8-8

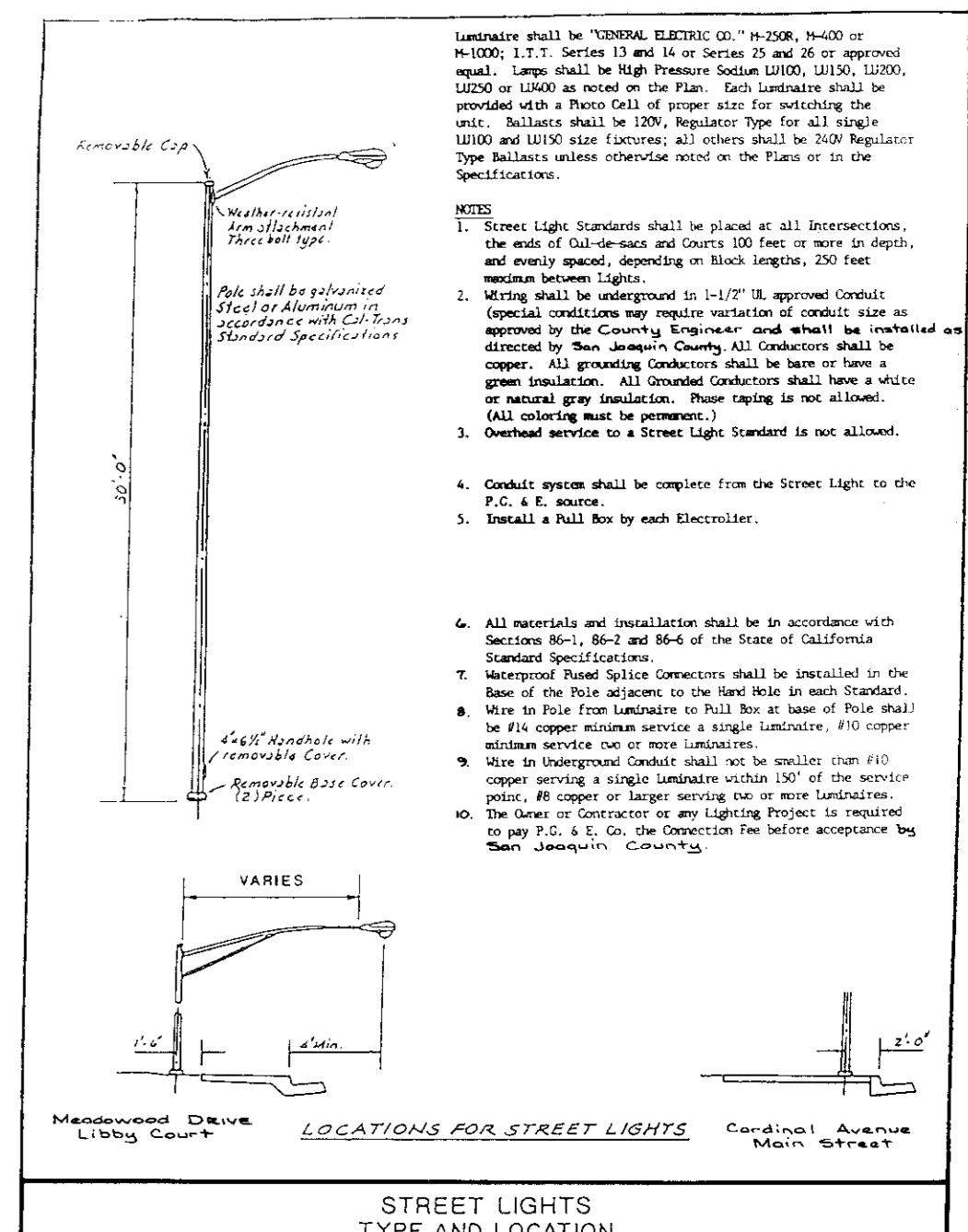


NO.	REVISED	DATE	DESCRIPTION

**LIGHT POLE FOUNDATION**

APPROVED BY: [Signature]  
DATE: 1/23/94

COUNTY OF SAN JOAQUIN  
DEPARTMENT OF PUBLIC WORKS  
STANDARD NO. 8-8

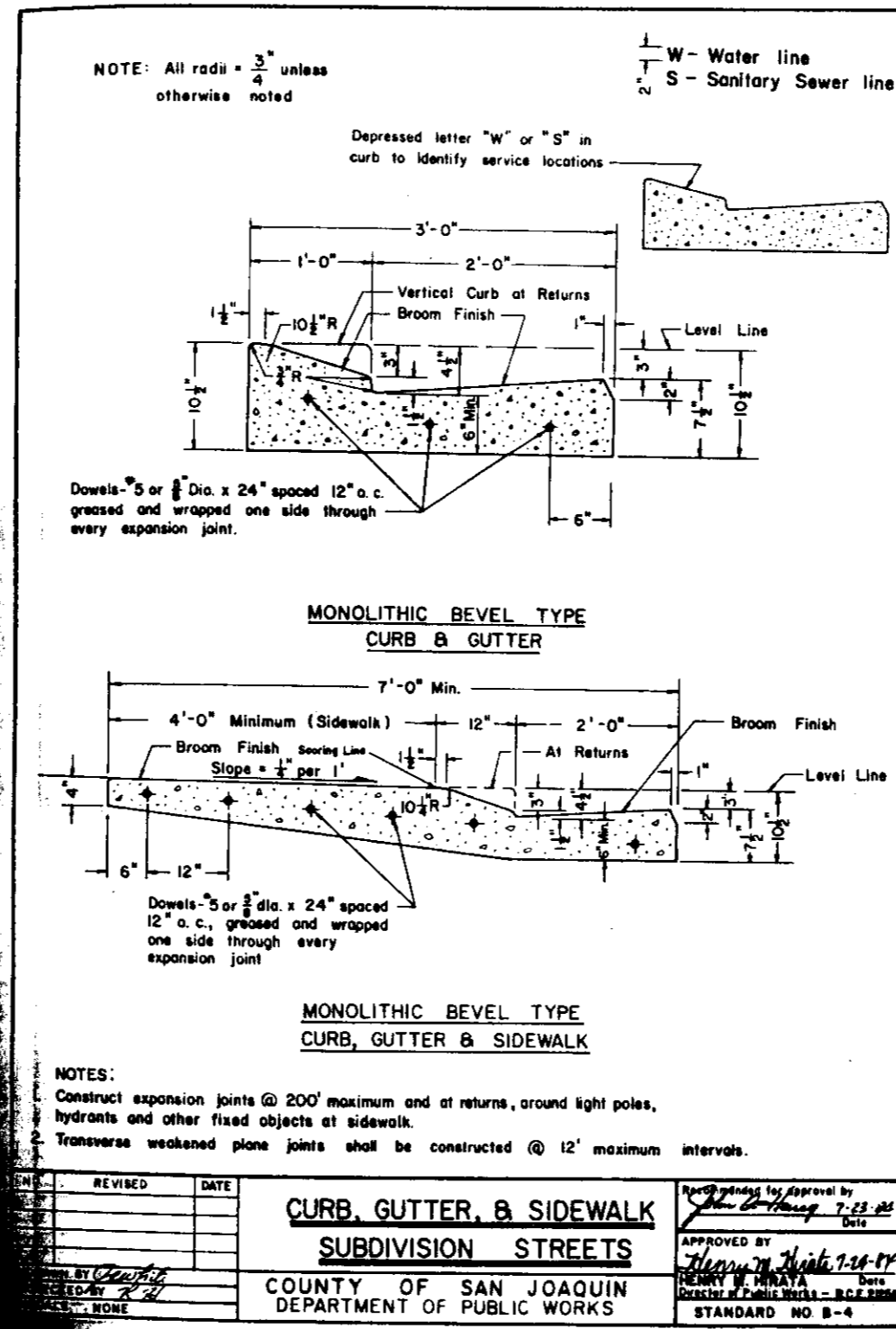


NO.	REVISED	DATE	DESCRIPTION

**STREET LIGHTS TYPE AND LOCATION**

APPROVED BY: [Signature]  
DATE: 1/23/94

COUNTY OF SAN JOAQUIN  
DEPARTMENT OF PUBLIC WORKS  
STANDARD NO. 8-8

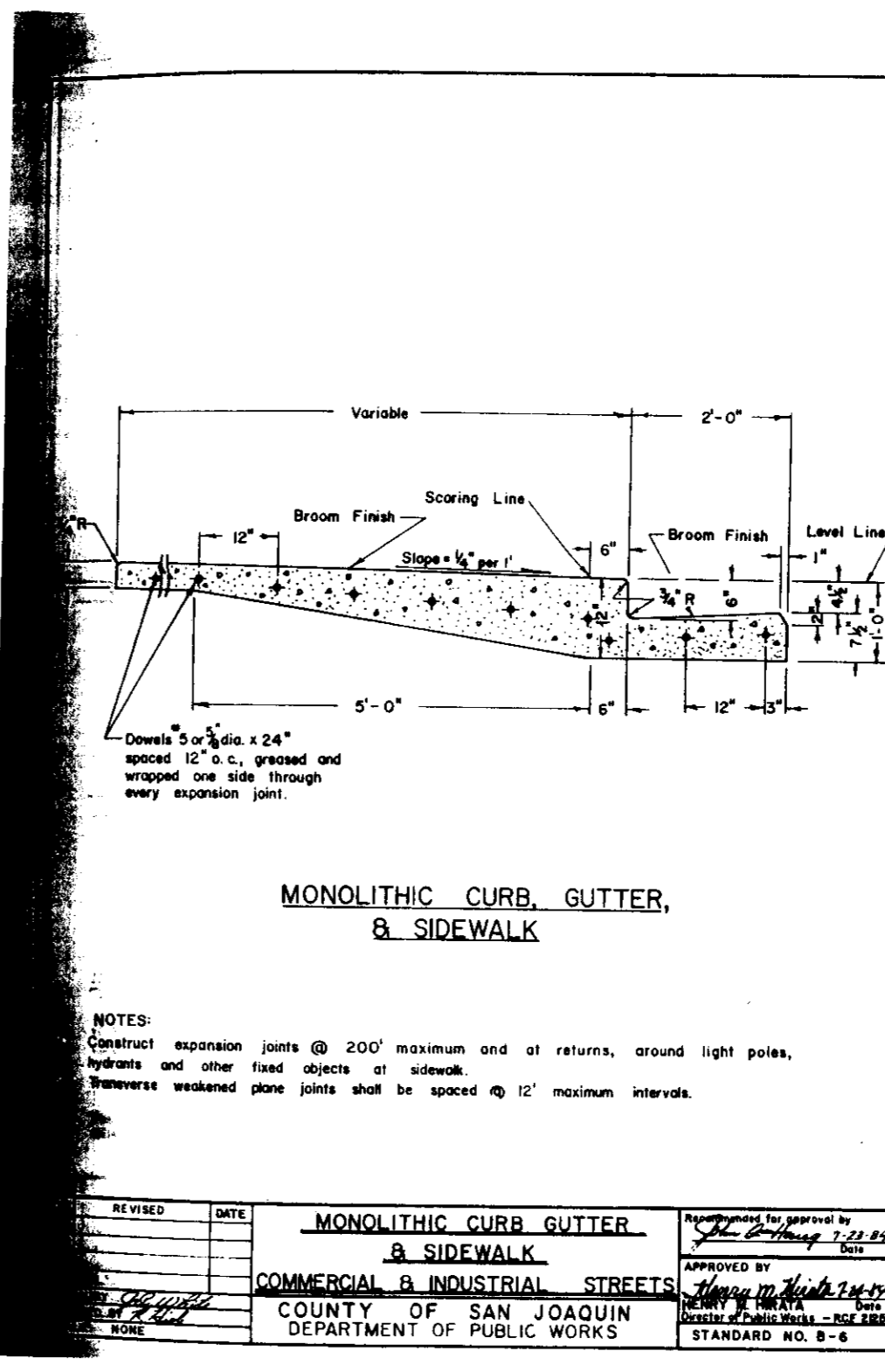


NO.	REVISED	DATE	DESCRIPTION

**MONOLITHIC BEVEL TYPE CURB & GUTTER B SIDEWALK**

APPROVED BY: [Signature]  
DATE: 1/23/94

COUNTY OF SAN JOAQUIN  
DEPARTMENT OF PUBLIC WORKS  
STANDARD NO. 8-8

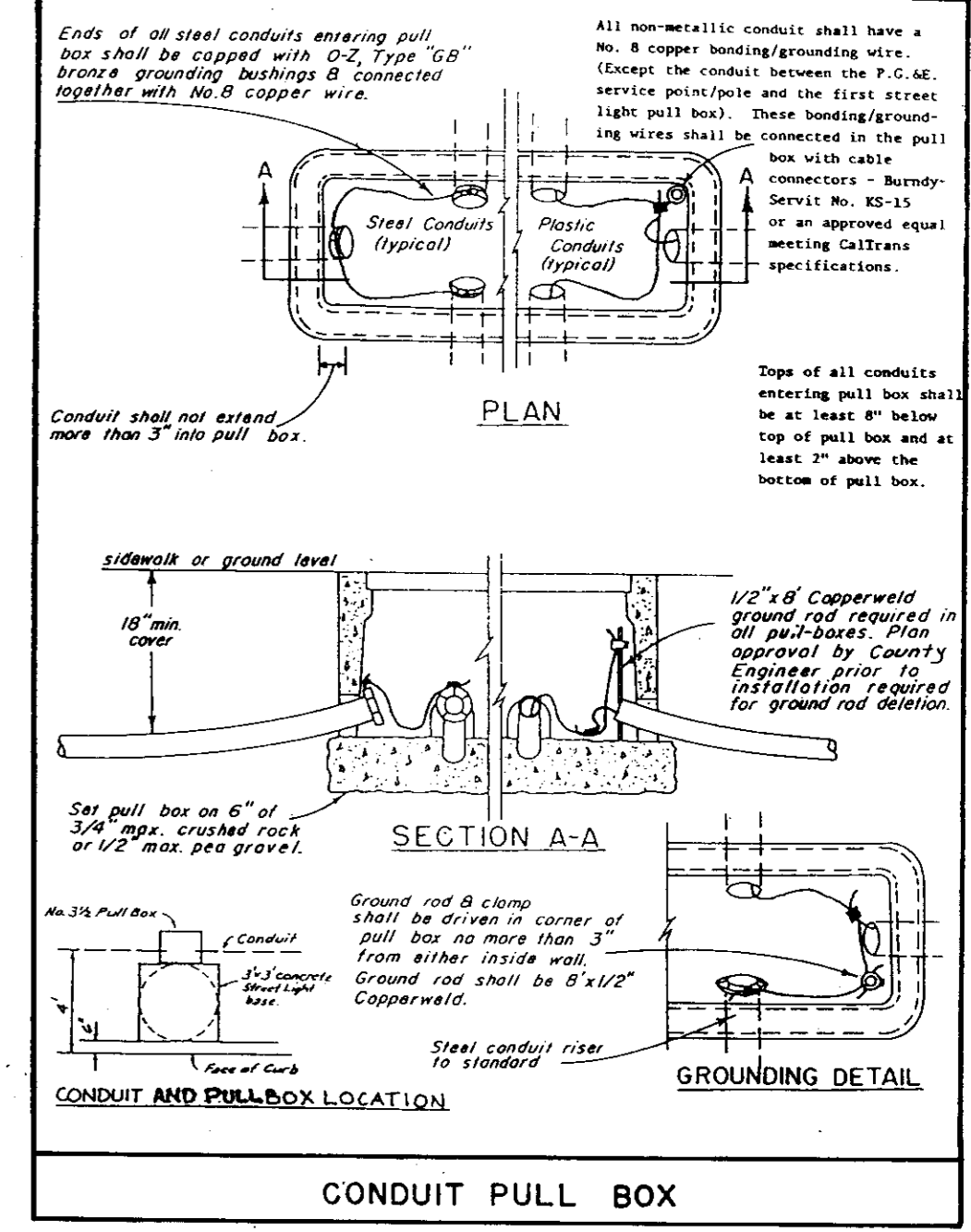


NO.	REVISED	DATE	DESCRIPTION

**MONOLITHIC CURB, GUTTER, & SIDEWALK**

APPROVED BY: [Signature]  
DATE: 1/23/94

COUNTY OF SAN JOAQUIN  
DEPARTMENT OF PUBLIC WORKS  
STANDARD NO. 8-8

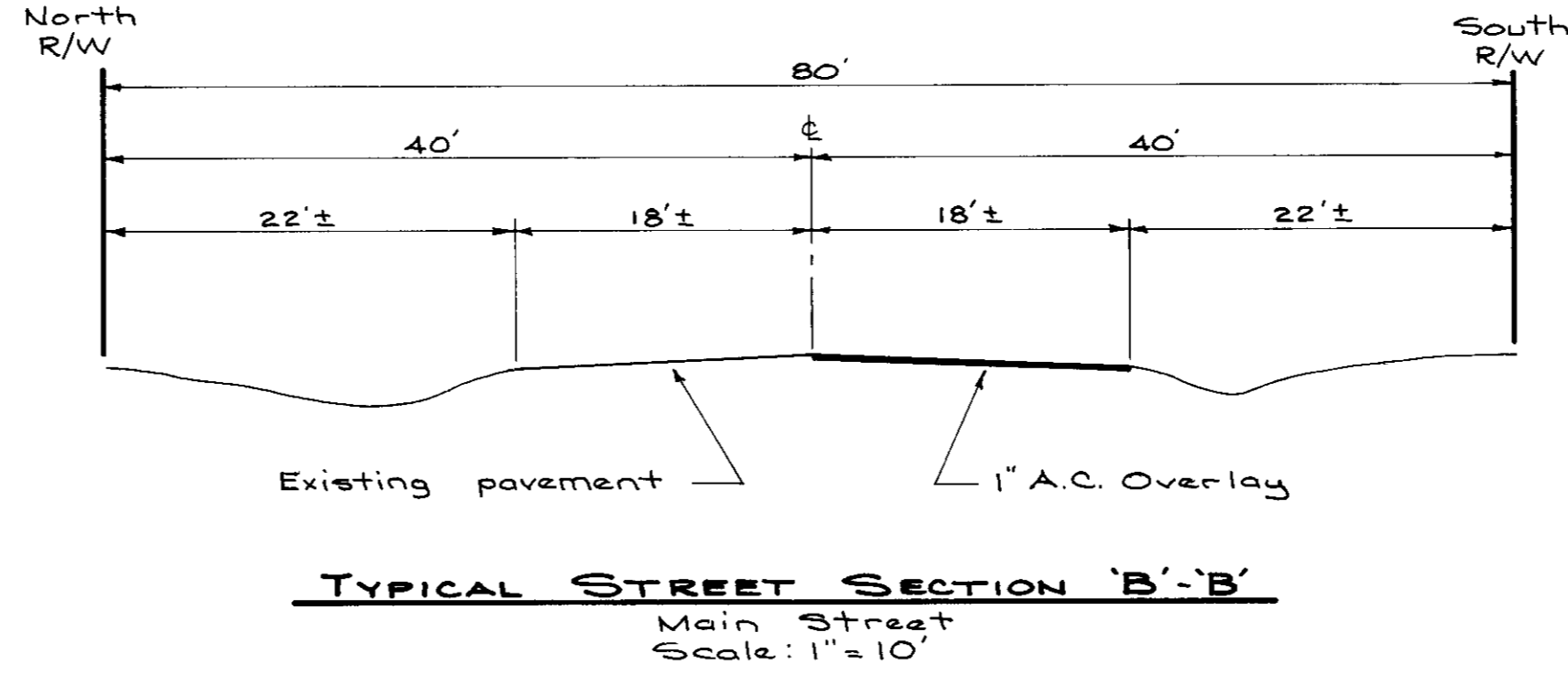


NO.	REVISED	DATE	DESCRIPTION

**CONDUIT PULL BOX**

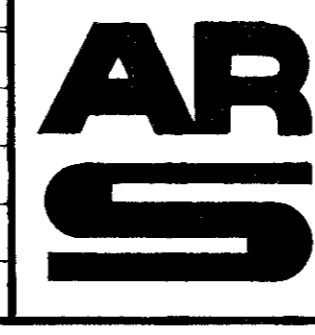
APPROVED BY: [Signature]  
DATE: 1/23/94

COUNTY OF SAN JOAQUIN  
DEPARTMENT OF PUBLIC WORKS  
STANDARD NO. 8-8



**TYPICAL STREET SECTION 'B-B'**  
Main Street  
Scale: 1"=10'

NO.	DESCRIPTION	DATE



**A.R. SANGUINETTI & ASSOCIATES**  
CONSULTING CIVIL ENGINEERS  
6515 N. PERSHING AVE., SUITE 100, STOCKTON, CA 95207  
DATE: 2-19-91

**MEADOWOOD IMPROVEMENT PLANS**

**DETAILS**

DEPARTMENT OF PUBLIC WORKS  
COUNTY OF SAN JOAQUIN

SCALE AS SHOWN  
DESIGNED BY ARS  
DRAWN BY KS  
CHECKED BY JMS  
AS BUILT BY

APPROVED BY: [Signature]  
DATE: 1/23/94

DIRECTOR OF PUBLIC WORKS  
COUNTY OF SAN JOAQUIN

SHEET NO. 4  
OF 11 SHEETS  
JOB NO.

SUNSHINE

Department of Public Works, City of Stockton  
Calif. "FOR SANITARY SEWER ONLY"  
Approved by: [Signature]  
Date: 1/23/94  
Paul Sansibaugh, City Engineer, Stockton, Calif.



**GENERAL NOTES:**

- 1) ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE LATEST ADDITION OF THE COUNTY OF SAN JOAQUIN STANDARD SPECIFICATIONS AND ALL AMENDMENTS THERE TO DATE. ALL WORK SHALL BE UNDER THE INSPECTION OF THE COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS. (SEE "SANITARY SEWER NOTES" REGARDING SEWER WORK.)
- 2) IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS 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 OR AMBIGUITIES WHICH MAY EXIST IN THE PLANS AND SPECIFICATIONS. THE ENGINEER'S INTERPRETATION OR CORRECTION THEREOF SHALL BE CONCLUSIVE.
- 3) WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO BE OBSERVED AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
- 4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.
- 5) THE CONTRACTOR SHALL NOTIFY THE ENGINEER FORTY-EIGHT HOURS IN ADVANCE OF HIS NEED FOR CONSTRUCTION STAKING.
- 6) THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
- 7) THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE COUNTY ENGINEER.
- 8) ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING.
- 9) DRIVEWAYS ON STREETS TO BE LOCATED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION.
- 10) THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- 11) DRAWING NUMBERS SHOWN ON THE PLANS REFER TO DRAWINGS CONTAINED IN THE COUNTY OF SAN JOAQUIN STANDARD SPECS. SHOW THUS: DWG. NO. EXCEPT SANITARY SEWER WORK WHICH IS PER CITY OF STOCKTON STANDARD PLANS AND SPECIFICATIONS.
- 12) ALL STATIONS REFER TO DISTANCES ALONG STREET CENTERLINE, UNLESS OTHERWISE NOTED. ALL STATIONS ON THE CURBS ARE PERPENDICULAR TO OR RADIIALLY OPPOSITE CENTERLINE STATIONS.
- 13) THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES AND VERIFY ALL UTILITY LOCATIONS. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE DEVELOPMENT.
- 14) CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND REPLACEMENT OF EXISTING IMPROVEMENTS.
- 15) WHENEVER PAVEMENT IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, THE PAVEMENT SHALL BE REPLACED, AFTER PROPER BACKFILLING, WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL PAVING. THE FINISHED PAVEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE COUNTY ENGINEER.
- 16) PAVEMENT FOR PAVEMENT WILL BE MADE ONLY FOR AREAS SHOWN ON PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONCRETE FOR PAVEMENT, AND NO ADDITIONAL PAVEMENT SHALL BE MADE FOR SUCH WORK.
- 17) CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- 18) EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY. FOR TRENCHES, 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 5-1.02A OF THE CALTRANS STANDARDS, CHAPTER 9 OF THE STATE OF CALIFORNIA LABOR CODE, AND ANY LOCAL CODES OR ORDINANCES.
- 19) WE CALL ATTENTION 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 OCCUPATIONS SAFETY AND HEALTH ACT OF 1973 AS AMENDED WHICH STATES:  
(1) PRIOR TO OPENING AN EXCAVATION, EFFORT 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 APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND 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.
- 20) THE ENGINEER SHALL SUBMIT AS-BUILT DRAWINGS OF THE STREET LIGHT LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO P.G.&E. SERVICES, PULLBOXES, AND WIRE SIZES.
- 21) CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR ANY WORK DONE WITHIN COUNTY RIGHT OF WAY FROM COUNTY OF SAN JOAQUIN PUBLIC WORKS DEPARTMENT AND NOTIFY COUNTY 24 HRS. IN ADVANCE OF STARTING ANY WORK REQUIRED IN THE PLANS.

- 22) WORK IN STREET RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE COUNTY OF SAN JOAQUIN PUBLIC WORKS DEPARTMENT EXCEPT FOR SANITARY SEWER WHICH SHALL BE APPROVED BY THE CITY OF STOCKTON PUBLIC WORKS DEPARTMENT.
- 23) THE CONTRACTOR SHALL CONTACT THE COUNTY OF SAN JOAQUIN PUBLIC WORKS DEPARTMENT AND THE CITY OF STOCKTON, DEPARTMENT OF PUBLIC WORKS (944-8275) FOR A PRECONSTRUCTION MEETING.
- 24) PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 642-2444.
- 25) THIS SUBDIVISION WILL NOT BE SUBMITTED FOR ACCEPTANCE OF IMPROVEMENTS UNTIL ALL STREET LIGHTS ARE INSTALLED AND ENERGIZED. COMPLETE AS-BUILT PLANS ARE ALSO REQUIRED PRIOR TO INSPECTION.
- 26) "CLASS A SUBGRADE" DENOTES GRADED SUBGRADE WITH RELATIVE COMPACTION OF NOT LESS THAN 95% OBTAINED FOR A MINIMUM DEPTH OF 6".
- 27) ALL A.C. PAVING SHALL BE FOG SEALED.

- 28) THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO BACKFILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION.
- 29) ELEVATIONS REFER TO U.S.G.S. DATUM BENCH MARK 200 ELEV. 34145. BRASS DISK MARKING CITY OF STOCKTON TRVERSE CONTROL MONUMENT STAMPED 65-12 IN MONUMENT BOX AT THE INTERSECTION OF CENTERLINES OF CARDINAL AND MAIN STREET.
- 30) IF ALL UNITS INCLUDED IN THESE PLANS ARE NOT CONSTRUCTED SIMULTANEOUSLY, BARRICADES, BLOW-OFFS, PLUGS, ETC. SHALL BE INSTALLED AT EACH UNIT LINE.
- 31) AT THE CONCLUSION OF CONSTRUCTION, THE ENGINEER WHO PREPARED THE IMPROVEMENT PLANS WILL ADD TO THE PLANS, FOR CITY RECORD PURPOSES, CONSTRUCTION DATA BASED ON INFORMATION COMPILED AND FURNISHED BY THE ENGINEER, CONTRACTORS, INSPECTORS, AND OTHERS, ON THOSE FACILITIES THAT WILL BE EXTENDED IN THE FUTURE (SUCH AS SANITARY SEWER LINES, STORM DRAIN LINES, WATER LINES AND CURB AND GUTTER INSTALLATIONS). THE ENGINEER SHALL SHOOT THE GRADES AT THE END OF THE FACILITIES AND INCLUDE THESE "AS CONSTRUCTED" GRADES ON THE RECORD DRAWINGS.
- 32) ALL EXISTING GROUND ELEVATIONS ARE BASED ON TOPOGRAPHIC SURVEY DATED DECEMBER 1990

- STAKING NOTES:**
- 1) 48 HOURS NOTICE IS REQUIRED FOR ANY STAKING.
  - 2) THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL STAKES AND CONTROL PINS (FOR WHICH THEY CAN BE HELD LIABLE FOR REPLACEMENT COST).
  - 3) THE ENGINEER WILL PROVIDE ROUGH GRADE STAKES OF CONTROL POINTS, LOT CORNER'S, COMMERCIAL DRIVEWAYS, LOT PAD ELEVATIONS, ETC.
  - 4) THE ENGINEER WILL STAKE STREET LIGHT LOCATIONS (AFTER MEETING WITH STREET LIGHT CONTRACTOR IN ORDER TO AVOID CONFLICTS IN LOCATION).
  - 5) THE ENGINEER WILL STAKE FIRE HYDRANT LOCATIONS, BUT WILL NOT BE HELD LIABLE FOR PROVIDING GRADE UNTIL CURB, GUTTER, & SIDEWALK IS IN PLACE.
  - 7) THE ENGINEER WILL STAKE ALL STORM, SANITARY, & WATER LINE LOCATIONS AT THE REQUEST OF THE DEVELOPER OR CONTRACTOR WITH A 48 HOUR NOTICE OF STAKING REQUEST, AND A OFFSET DISTANCE IS TO BE PROVIDED AT TIME OF REQUEST.
  - 8) ALL ROUGH GRADE STAKES AND FINAL GRADE STAKES WILL BE STAKED ON PROPERTY LINE UNLESS OTHERWISE APPROVED BY ALBERT R. SANGUINETTI PRIOR TO STAKING.
  - 9) THE ENGINEER WILL STAKE ALL CURB, GUTTER, & SIDEWALK PROVIDED THE DIRT PILES ARE LEVELED, AND ALL UNDERGROUND UTILITIES ARE CLEANED UP.
  - 10) THE ENGINEER WILL STAKE ALL SEWER & WATER SERVICE LOCATIONS AS INDICATED ON THE PLANS, ANY DEVIATION IS SUBJECT TO A. R. SANGUINETTI'S AND/OR COUNTY OF SAN JOAQUIN APPROVAL, OR CITY OF STOCKTON FOR SANITARY SEWER ONLY.
  - 11) ALL STORM, SEWER, AND WATER STUB OUTS MUST BE VERIFIED BY A.R.S. SURVEY CREW PRIOR TO BACKFILLING.
  - 12) PRIOR TO THE BACKFILLING OF STREET LIGHTING TRENCHES, ALL TRENCH LOCATIONS AND CONDUIT WILL BE INSPECTED BY A.R. SANGUINETTI PERSONNEL.

- GRADING & DRAINAGE NOTES:**
- 1) THE CONTRACTOR SHALL REVIEW SITE PRIOR TO BIDDING. ALL VEGETATION AND DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE LUMP SUM CLEARING COSTS.
  - 2) APPROPRIATE DUST CONTROL SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE COUNTY OF SAN JOAQUIN.
  - 3) LOTS SHALL BE GRADED TO THE ELEVATIONS AS STAKED OR DIRECTED BY THE ENGINEER.
  - 4) PROPOSED ELEVATIONS SHOWN ARE MINIMUMS AND IN SOME INSTANCES, FINISHED LOT ELEVATIONS MAY BE HIGHER.
  - 5) ALL EXISTING WELLS AND SEPTIC TANKS SHALL BE REMOVED AND/OR ABANDONED PER THE REQUIREMENTS OF THE SAN JOAQUIN COUNTY LOCAL HEALTH DISTRICT. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.
  - 6) THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE FOR SUB-GRADE PREPARATION THE COST FOR LEVELING A 10 FOOT WIDE AREA BEHIND THE SIDEWALK TO FACILITATE THE TRENCHING FOR UNDERGROUND UTILITIES BY P.G. & E. THIS LEVELING IS TO TAKE PLACE ON THE SIDE OF THE STREET WHERE P.G. & E. IS TO INSTALL THEIR UTILITIES.

**STREET NOTES**

- 1) SUBGRADE PREPARATION: SUBGRADE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION TO A DEPTH OF 6"
- 2) **AGGREGATE SUB-BASE:** AGGREGATE SUB-BASE SHALL BE CLASS #1 CLASS A AGGREGATE SUB-BASE MATERIAL SHALL BE CLEAN AND FREE FROM VEGETABLE MATTER AND OTHER DELETERIOUS SUBSTANCES. THE PERCENTAGE COMPOSITION BY WEIGHT OF CLASS A AGGREGATE BACKFILL MATERIAL SHALL CONFORM TO THE FOLLOWING GRADING WHEN DETERMINED BY TEST NO. CALIFORNIA 202.

SIEVE SIZES	PERCENTAGE PASSING
1/2"	100%
NO. 200	2-35%

CLASS #1 AGGREGATE SUB-BASE MATERIAL SHALL ALSO CONFORM TO THE QUALITY REQUIREMENTS SHOWN IN THE FOLLOWING TABLE:

TESTS	TEST METHOD NO. CALIF.	REQUIREMENTS
SAND EQUIVALENT	217	18 MIN.
RESISTANCE (R-VALUE)	301	40 MIN.

- 3) **AGGREGATE BASE:** AGGREGATE BASE SHALL BE CLASS 2 WITH A MAXIMUM AGGREGATE SIZE OF 3/4"
- 4) **PRIME COAT:** PRIME COAT SHALL BE LIQUID ASPHALT GRADE SC-250 AND SHALL BE APPLIED TO THE ENTIRE ROADWAY TO BE PAVED. (0.2 GAL. PER YARD)
- 5) **ASPHALT CONCRETE:** ASPHALT CONCRETE SHALL BE CLASS "B" THE VISCOSITY GRADE OF PAVING ASPHALT SHALL BE AR-4000 AND THE AGGREGATE SHALL BE 1/2" MAXIMUM MEDIUM GRADE.
- 6) **FOG SEAL:** FOG SEAL SHALL CONFORM TO THE STANDARD SPECIFICATIONS.
- 7) THERE SHALL BE 1/2% CROSS SLOPE ON THE CONSTRUCTION OF ALL NEW STREETS.
- 8) PARKING SHALL BE PROHIBITED TO PROVIDE ADEQUATE STOPPING SIGHT DISTANCE AT INTERSECTIONS, WITHIN 15 FT. ON EITHER SIDE OF FIRE HYDRANTS AND WITHIN 22 FT. OF ANY CROSSWALKS.

**SANITARY SEWER NOTES: (CITY OF STOCKTON)**

- 1) SANITARY SEWER CONSTRUCTION, MATERIALS, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF STOCKTON'S STANDARD SPECIFICATIONS AND PLANS.
- 2) THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN, AND OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- 3) THE CONTRACTOR SHALL PROVIDE ALL 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 COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS, AND STATE REGULATIONS.
- 4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY MARKING INSTALLED LOCATIONS OF SERVICE LATERALS.
- 5) SEWER SERVICE LATERALS ARE 4" IN DIAMETER ANDS SHALL EXTEND TO A POINT 3.5 FEET BEHIND THE BACK OF THE SIDEWALK AND SHALL BE LOCATED AT THE LOT CENTERLINE UNLESS OTHERWISE NOTED. (SEE DETAIL DRAWING NUMBER 63.) THE UNIT COST OF THE SEWER LATERAL INCLUDES CONNECTION TO THE SEWER MAIN, THE CLEANOUT RISER SHALL BE INSTALLED BY THE HOME BUILDER.
- 6) ALL MANHOLE RIMS AND LAMPHOLES TO BE ADJUSTED TO FINISH GRADE AFTER STREET PAVING. COST FOR RAISING FACILITIES TO BE INCLUDED IN UNIT PRICES FOR MANHOLES AND LAMPHOLES.
- 7) SEWER SERVICES IN NEW SUBDIVISIONS SHALL BE MARKED BY THE CONCRETE CONTRACTOR WITH THE LETTER "S" STAMPED ON THE BACK OF SIDEWALK OR ON THE TOP OF CURB. THE UNDERGROUND CONTRACTOR SHALL PROVIDE SUFFICIENT RECORDS AND SHALL LEAVE ADEQUATE MARKS IN THE FIELD FOR THE CONCRETE CONTRACTOR TO ACCURATELY STAMP THE LETTER "S" FOR ALL SEWER SERVICES. PRIOR TO THE PLACING OF ANY SIDEWALK OR CURB AND GUTTER, THE CONCRETE CONTRACTOR SHALL FURNISH DATA TO THE CITY OF STOCKTON'S FIELD INSPECTOR SHOWING HE HAD ADEQUATE INFORMATION TO ACCURATELY FIELD LOCATE AND MARK THE LETTER "S" TO BE STAMPED IN HIS WORK. PRIOR TO THE FINAL TROWELING OF THE CONCRETE, THE COUNTY OF SAN JOAQUIN'S FIELD INSPECTOR SHALL DETERMINE THAT THE LETTER "S" HAS BEEN STAMPED IN THE PROPER LOCATION.
- 8) AFTER THE SANITARY SEWER PIPE HAS BEEN LAID AND BACKFILLED, A LOW PRESSURE AIR TEST SHALL BE MADE ON EACH SECTION OF PIPE BETWEEN MANHOLES. THE PRESSURE TESTS SHALL BE CONDUCTED AS PRESCRIBED BY THE CITY ENGINEER AND SHALL MEET AIR PRESSURE LOSS PER TIME PERIOD IN ACCORDANCE WITH THE CITY OF STOCKTON'S STANDARD SPECIFICATIONS. SHOULD ANY TEST ON ANY SECTION OR PIPELINE DISCLOSE AN AIR LOSS GREATER THAN THAT PERMITTED, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE AND REPAIR THE DEFECTIVE JOINTS OR PIPE AND RETEST UNTIL THE AIR LOSS IS WITHIN THE SPECIFIED ALLOWANCE. ANY DEFECTS FOUND BY THE CITY OF STOCKTON'S TELEVISION INSPECTION, SHALL BE REPAIRED BY THE CONTRACTOR. PRIOR TO CONSTRUCTION OF THE STREET PAVEMENT PER CITY OF STOCKTON SPEC. 71-1.110
- 9) THE CONTRACTOR SHALL EXPOSE EXISTING SANITARY SEWER WHERE CONNECTION IS TO BE MADE, SO THAT THE ENGINEER CAN VERIFY EXISTING FLOW LINES AND LOCATIONS BEFORE START OF CONSTRUCTION.
- 10) **ALL SANITARY SEWER PIPES SHALL BE DUCTILE IRON PIPE, CLASS 51 FOR THIS SUBDIVISION.**
- 11) SEE SHEETS 5 FOR CITY OF STOCKTON DETAILS.
- 5) ONE HUNDRED PERCENT STANDBY PUMPING CAPACITY SHALL BE AVAILABLE ON SITE AT ALL TIMES AND SHALL BE CONNECTED TO THE Dewatering SYSTEM PIPING TO PERMIT IMMEDIATE USE. IN ADDITION, STANDBY AUXILIARY EQUIPMENT AND APPLIANCES FOR ALL ORDINARY EMERGENCIES, AND COMPETENT WORKMEN FOR OPERATION AND MAINTENANCE OF ALL DEWATERING EQUIPMENT SHALL BE ON SITE AT ALL TIMES. STANDBY EQUIPMENT SHALL INCLUDE EMERGENCY POWER GENERATION AND AUTOMATIC SWITCH OVER TO THE EMERGENCY GENERATOR UPON NORMAL POWER FAILS. DEWATERING SYSTEMS SHALL NOT BE SHUT DOWN BETWEEN SHIFTS, ON HOLIDAYS, ON WEEKENDS, OR DURING WORK STOPPAGES.

**STREET LIGHT NOTES:**

- 1) ALL STREET LIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH THE COUNTY OF SAN JOAQUIN.
- 2) INSTALL A CONCRETE PULL BOX BY EACH ELECTROLIER PER COUNTY OF SAN JOAQUIN STANDARD - MINIMUM SIZE NO. 3 1/2 - LID MARKING "STREET LIGHT."
- 3) FUSED SPlice CONNECTORS SHALL BE INSTALLED IN THE PULL BOX ADJACENT TO THE LIGHT STANDARD, PER SECTION 86 OF CAL TRANS STANDARD SPEC. DATED JAN. 1988.
- 4) ALL STREET LIGHTS SHALL BE 100 WATT HPS UNLESS OTHERWISE NOTED.
- 5) STREET LIGHTS ARE SHOWN THUS:
- 6) THE ENGINEER SHALL SUBMIT AS-BUILT DRAWINGS OF THE STREET LIGHT LAYOUT SHOWING THE LOCATIONS OF ALL STREET LIGHTS, PG&E SERVICE POINTS, PULL BOXES, CONDUIT RUNS AND WIRE SIZES.
- 7) CONDUIT FOR ALL STREET LIGHTS SHALL BE P.V.C., SCHEDULE 40.
- 8) ALL STREET LIGHTS SHALL CONFORM TO COUNTY OF SAN JOAQUIN STANDARD SPECIFICATIONS. WIRE IN UNDERGROUND CONDUIT SHALL NOT BE SMALLER THAN #10 COPPER WIRE SERVING A SINGLE LUMINAIRE WITHIN 150 FEET OF THE SERVICE POINT.
- 9) ALL OVERHEAD PG&E LINES ARE TO BE PLACED UNDERGROUND.
- 10) UNDERGROUND UTILITY TRENCHES SHALL BE PER COUNTY OF SAN JOAQUIN STANDARD DRWG. A-7
- 11) IF ONLY ONE 100W-HPS OR 150W-HPS STREET LIGHT IS SERVED FROM A PG&E SERVICE POINT, THE SERVICE SHALL BE 120V. IF TWO OR MORE 200W-HPS STREET LIGHTS ARE SERVED FROM A PG&E SERVICE POINT, THE SERVICE SHALL BE 240V (UNLESS OTHERWISE INDICATED ON THESE PLANS).

**STORM DRAIN NOTES:**

- 1) ALL STORM DRAIN CONSTRUCTION, MATERIALS, AND WORKMANSHIP, SHALL BE IN ACCORDANCE WITH THE STANDARD SUBDIVISION IMPROVEMENTS OF COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS AND IMPROVEMENT STANDARDS.
- 2) THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- 3) THE CONTRACTOR SHALL PROVIDE ALL 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 COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS, AND STATE REGULATIONS.
- 4) THE UNDERGROUND CONTRACTOR SHALL EXPOSE EXISTING STORM DRAINS, WHERE CONNECTION IS TO BE MADE, SO THAT THE ENGINEER CAN VERIFY EXISTING FLOW LINES AND LOCATIONS BEFORE START OF CONSTRUCTION.
- 5) CONTRACTOR TO BE RESPONSIBLE FOR ALL TESTING OF STORM DRAIN FACILITIES.
- 6) ALL MANHOLE RIMS TO BE ADJUSTED TO FINISH GRADE AFTER STREET PAVING. COST FOR RAISING FACILITIES TO BE INCLUDED IN UNIT PRICES FOR MANHOLES.
- 7) ON PRECAST PIPES, RUBBER GASKET JOINTS SHALL BE USED IN HIGH GROUND WATER CONDITIONS.

**DEWATERING NOTES:**

- 1) THE CONTRACTOR SHALL FURNISH, INSTALL, OPERATE AND MAINTAIN ALL MACHINERY, APPLIANCES, AND EQUIPMENT TO MAINTAIN ALL EXCAVATIONS FREE FROM WATER DURING CONSTRUCTION, AND SHALL DEWATER AND DISPOSE OF THE WATER SO AS NOT TO CAUSE INJURY TO PUBLIC OR PRIVATE PROPERTY, OR TO CAUSE A NUISANCE OR HARM TO THE PUBLIC. THE DEWATERING SYSTEM SHALL BE INSTALLED AND OPERATED SO THAT THE GROUNDWATER LEVEL OUTSIDE THE EXCAVATION IS NOT ADJACENT STRUCTURES OR PROPERTY. ALL COSTS FOR DEWATERING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ALL PIPE CONSTRUCTION. THE STATIC WATER LEVEL SHALL BE DRAWN DOWN A MINIMUM OF 1 FOOT BELOW THE BOTTOM OF EXCAVATION TO MAINTAIN THE UNDISTURBED STATE OF NATURAL SOILS AND ALLOW THE PLACEMENT OF ANY FILL TO THE SPECIFIED DENSITY. DISPOSAL OF WATER SHALL NOT DAMAGE PROPERTY. CREATE A PUBLIC NUISANCE OR VIOLATE THE LAW. THE CONTRACTOR SHALL HAVE ON HAND, PUMPING EQUIPMENT AND MACHINERY IN GOOD WORKING CONDITION FOR EMERGENCIES AND SHALL HAVE WORKMEN AVAILABLE FOR ITS OPERATION. DEWATERING SYSTEM SHALL OPERATE CONTINUOUSLY UNTIL BACKFILL HAS BEEN COMPLETED TO 1 FOOT ABOVE THE NORMAL STATIC GROUNDWATER LEVEL.
- 2) THE CONTRACTOR SHALL CONTROL SURFACE WATER TO PREVENT ENTRY INTO EXCAVATIONS. AT EACH EXCAVATION, A SUFFICIENT NUMBER OF TEMPORARY OBSERVATION WELLS TO CONTINUOUSLY CHECK THE GROUNDWATER LEVEL SHALL BE PROVIDED.
- 3) SUMPS SHALL BE NO DEEPER THAN 5 FEET AND SHALL BE AT THE LOW POINT OF EXCAVATION. EXCAVATION SHALL BE GRADED TO DRAIN TO THE SUMPS.
- 4) THE CONTROL OF GROUNDWATER SHALL BE SUCH THAT SOFTENING OF THE BOTTOM OF EXCAVATION, OR FORMATIONS OF "QUICK" CONDITIONS OR "BOILS," DOES NOT OCCUR. DEWATERING SYSTEMS SHALL BE DESIGNED AND OPERATED SO AS TO PREVENT REMOVAL OF THE NATURAL SOILS, THE RELEASE OF GROUNDWATER AT ITS STATIC LEVEL SHALL BE PERFORMED IN SUCH A MANNER AS TO MAINTAIN THE UNDISTURBED STATE OF THE NATURAL FOUNDATION SOILS, PREVENT DISTURBANCE OF COMPACTED BACKFILL, AND PREVENT FLOTATION OR MOVEMENT OF STRUCTURES, PIPELINES AND SEWERS, IF AN NPDES (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR DISPOSAL OF WATER FROM CONSTRUCTION DEWATERING ACTIVITIES, IT SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO ANY DEWATERING ACTIVITIES.

**Indemnification Clause:** Contractor agrees that he shall assume sole and complete responsibility for the job site conditions during the course of construction of this project, including safety of all persons and property; that requirement shall apply continuously and not be limited to normal working hours; and that 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 occurred during the term of this project.

SU 2505

Department of Public Works, City of Stockton  
 Calif. "For SANITARY SEWER ONLY"  
 Approved by:  
  
 Paul Senzibaugh, City Engineer, Stockton, Calif.  
 Date: 9/23/91

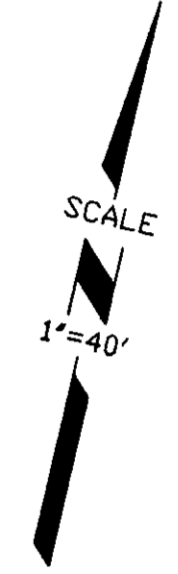
REVISION NO.	DESCRIPTION	DATE



**A.R. SANGUINETTI & ASSOCIATES**  
**CONSULTING CIVIL ENGINEERS**  
 5651 N. PERSHING AVE., SUITE B-1 STOCKTON, CALIF. 95207  
 (509) 253-9350  
 DATE 2-19-91

MEADOWOOD IMPROVEMENT PLANS			
NOTES			
DEPARTMENT OF PUBLIC WORKS COUNTY OF SAN JOAQUIN			
SCALE	APPROVED BY:	DATE:	SHEET NO. 3
DESIGNED BY	CHECKED BY	AS BUILT BY	OF 11 SHEETS JOB NO.
DIRECTOR OF PUBLIC WORKS COUNTY OF SAN JOAQUIN			

20550



Department of Public Works, City of Stockton,  
 Calif. "For SANITARY SEWER ONLY"  
 Approved By: *Paul Sensibaugh* Date: *7/23/91*  
 Paul Sensibaugh, City Engineer, Stockton, Calif.

NO.	DESCRIPTION	DATE



**A.R. SANGUINETTI & ASSOCIATES**  
 CONSULTING CIVIL ENGINEERS  
 5651 N. PERSHING AVE., SUITE B-1 STOCKTON, CA 95207  
*Albert R. Sanguinetti*  
 ALBERT R. SANGUINETTI R.C.E. 15831 DATE: 2-19-91

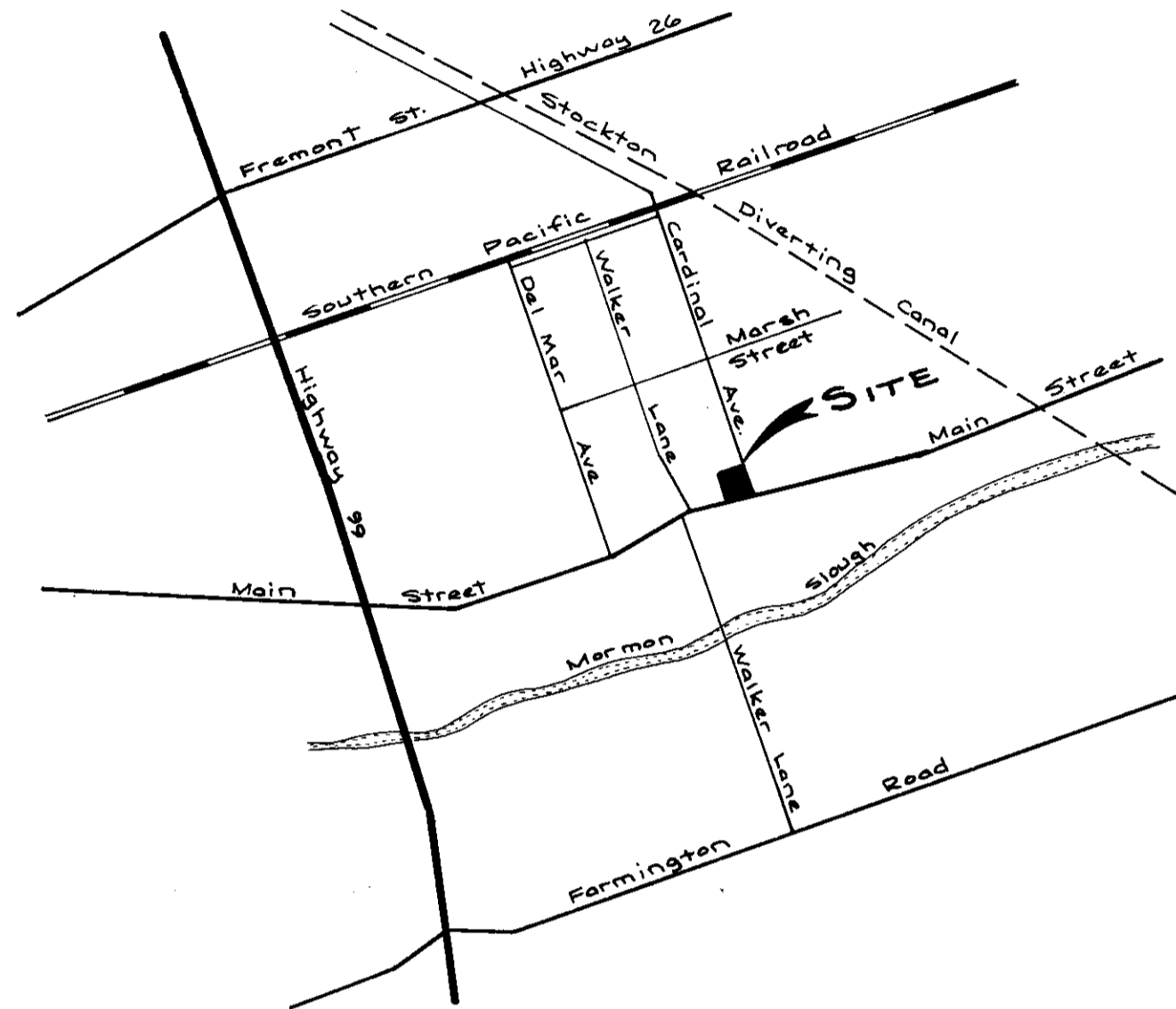


<b>MEADOWOOD IMPROVEMENT PLANS</b>			
<b>KEY MAP</b>			
<b>STORM, SEWER, WATER COMPOSITE</b>			
<b>COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS</b>			
SCALE 1"=40'	APPROVED BY: _____	DATE: _____	SHEET NO. <b>2</b>
DESIGNED BY: <b>ARS</b>	DRAWN BY: <b>KS</b>		OF 11 SHEETS
CHECKED BY: <b>JMS</b>	AS BUILT BY: _____		JOB NO. _____
DIRECTOR OF PUBLIC WORKS		COUNTY OF SAN JOAQUIN	

**ABBREVIATIONS**

B.C.	BEGIN CURVE
E.C.	END CURVE
P.R.C.	POINT OF REVERSE CURVATURE
P.C.C.	POINT OF COMPOUND CURVATURE
P.O.C.	POINT ON CURVE
C.R.	CURB RETURN
S.S.	SANITARY SEWER LINE
S.D.	STORM DRAIN LINE
W	WATER LINE
I.C.B.	INTERCEPTOR CATCH BASIN
C.B.	CATCH BASIN
F.H.	FIRE HYDRANT
F.L.	FLOW LINE
T.C.	TOP OF CURB
M.H.	MANHOLE
Elev.	ELEVATION
Gr-Ch	GRADE CHANGE
Lo-Pt	LOW POINT
Hi-Pt	HIGH POINT
H.G.L.	HYDRAULIC GRADE LINE
C.I.P.	CAST IRON PIPE
D.I.P.	DUCTILE IRON PIPE
C.I.P.C.P.	CAST IN PLACE CONCRETE PIPE
Sta.	STATION
H.P.S.	HIGH PRESSURE SODIUM
R.O.W.	RIGHT OF WAY

**IMPROVEMENT PLANS  
FOR  
MEADOWOOD  
A.R. SANGUINETTI & ASSOCIATES  
CONSULTING CIVIL ENGINEERS  
STOCKTON, CALIFORNIA**



**INDEX**

SHEET No.	DESCRIPTION
1	LEGEND, INDEX, ABBREVIATIONS & VICINITY MAP
2	KEY MAP & STORM, SEWER, WATER COMPOSITE
3	NOTES
4 & 5	DETAILS
6	MAIN STREET - CARDINAL AVENUE TO WALKER LANE
7	CARDINAL AVENUE - MAIN STREET TO SUBDIVISION BOUNDARY
8	MEADOWOOD DRIVE LIBBY COURT
9	LIBBY COURT SANITARY SEWER EASEMENT
10	DETAILS, TRAFFIC, STRIPING & SIGNING PLAN
<del>11</del>	<del>TREE WELL &amp; IRRIGATION PLAN</del> △

**LEGEND**

	WATER SERVICE LINE	DRWG. No. E-1
	SANITARY SEWER HOUSE SERVICE	
	CATCH BASIN	DRWG. No. C-3
	STREET LIGHT	
	GATE VALVE, VALVE BOX & COVER	DRWG. No. E-2
	BLOW-OFF VALVE, VALVE BOX & COVER	
	FIRE HYDRANT & LATERAL	DRWG. No. E-4
	LAMPHOLE	DRWG. No. D-3
	THRUST BLOCK	DRWG. No. E-3
	PROPOSED CURB, GUTTER & SIDEWALK	DRWG. No. B-4
	WHEEL CHAIR RAMP	DRWG. No. B-7
	MANHOLE	DRWG. No. C-1, D-1
	STREET BARRICADE	DRWG. No. A-9
	MONUMENT BOX	DRWG. No. A-8
	DIRECTION & RATE OF SLOPE PER FOOT	
	TOP OF CURB GRADE	
	RIGHT OF WAY LINE	
	NO PARKING ZONE	
	DUCTILE IRON PIPE	

**VICINITY MAP**

NO SCALE

**UTILITIES**

Service	Agency
Sanitary Sewer	City of Stockton
Storm Drainage	San Joaquin County
Water Service	California Water Service Company
Gas & Electric	Pacific Gas & Electric Company
Telephone	Pacific Bell
Television	Continental Cable Television
Fire	East Stockton Fire District

Municipal Utilities District Reviewed and Recommended for Approval by: <i>Jeff L. Cannon</i> for Morris Allen For Sanitary Sewer Only Date: 7-27-91
City of Stockton Public Works Department Approved by: Paul Sansibaugh Date: 7-3-91 "For Sanitary Sewer Only" <i>Paul M. Sansibaugh</i> City Engineer, Stockton, Calif
San Joaquin County Environmental Health Dist. Approved by: <i>John B. Tammen</i> SPEAS Date: 7-3-91
East Stockton Fire District Approved by: <i>Alvin R. Marshall</i> Date: 8/20/91
San Joaquin County Fire Warden Approved by: <i>Henry</i> Date: 8/21/91

SU2507

<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>NO.</td><td>DESCRIPTION</td><td>APPROVED BY</td><td>DATE</td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	NO.	DESCRIPTION	APPROVED BY	DATE													<p>ELIMINATE TREE WELL &amp; IRRIGATION SYS <i>MS</i> 3-17-92</p>	<p>PREPARED BY: <i>Albert R. Sanguinetti</i> DATE: 2-19-91</p>		<p><b>ARS</b> <b>A.R. SANGUINETTI &amp; ASSOCIATES</b> CONSULTING CIVIL ENGINEERS 5651 N. PERSHING AVE., B-1 STOCKTON, CA. 95207</p>	<p>COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS</p> <p>SCALE: _____ APPROVED BY: <i>Henry M. Sviratch</i> DATE: 10/15/91 DESIGNED BY: ARS DRAWN BY: KS CHECKED BY: _____ AS BUILT BY: _____</p>	<p><b>MEADOWOOD IMPROVEMENT PLANS</b></p> <p><b>LEGEND, INDEX, ABBREVIATIONS &amp; VICINITY MAP</b></p>	<p>SHEET NO. 1 OF 11 SHEETS JOB NO.</p>
NO.	DESCRIPTION	APPROVED BY	DATE																				