

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |

**R. W. SIEGFRIED & ASSOCIATES**  
 CONSULTING CIVIL ENGINEERS  
 4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204  
*Arnold R. Schambert* R.C.E. No. 8526

JOB NO. 1193-J  
 DATE Dec. 1977  
 F.B. NO. 359  
 DRAWN R.CAV.  
 DESIGN R.CAV.  
 CHECKED ARS

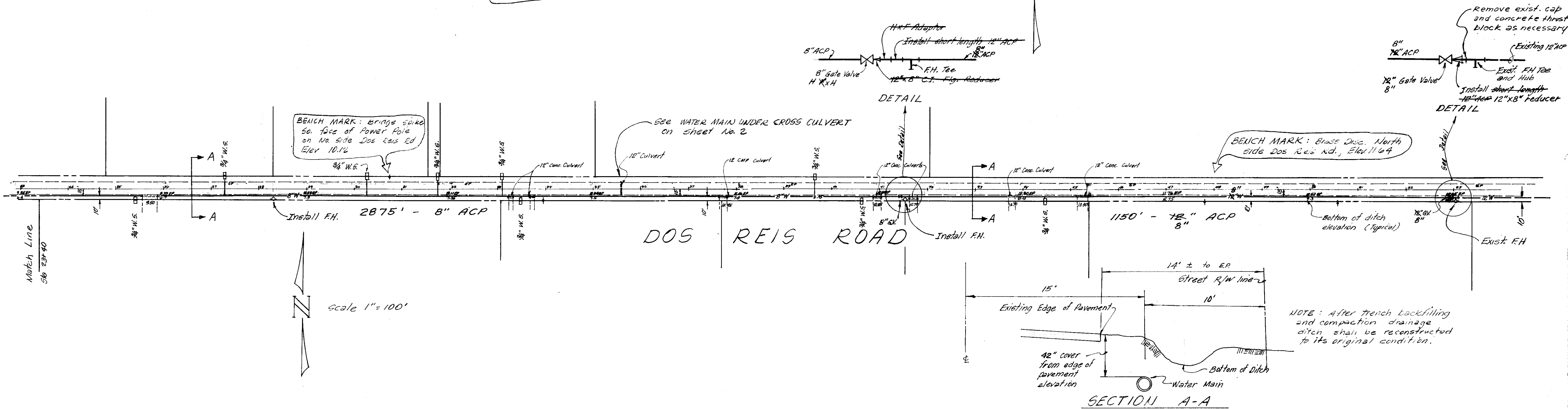
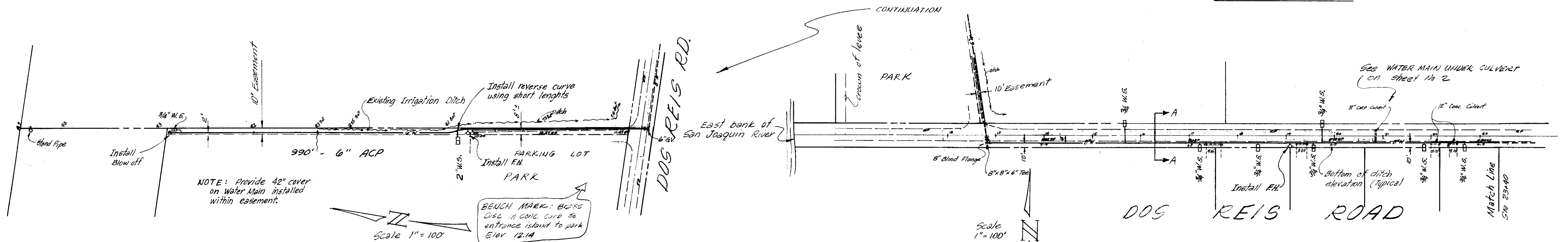
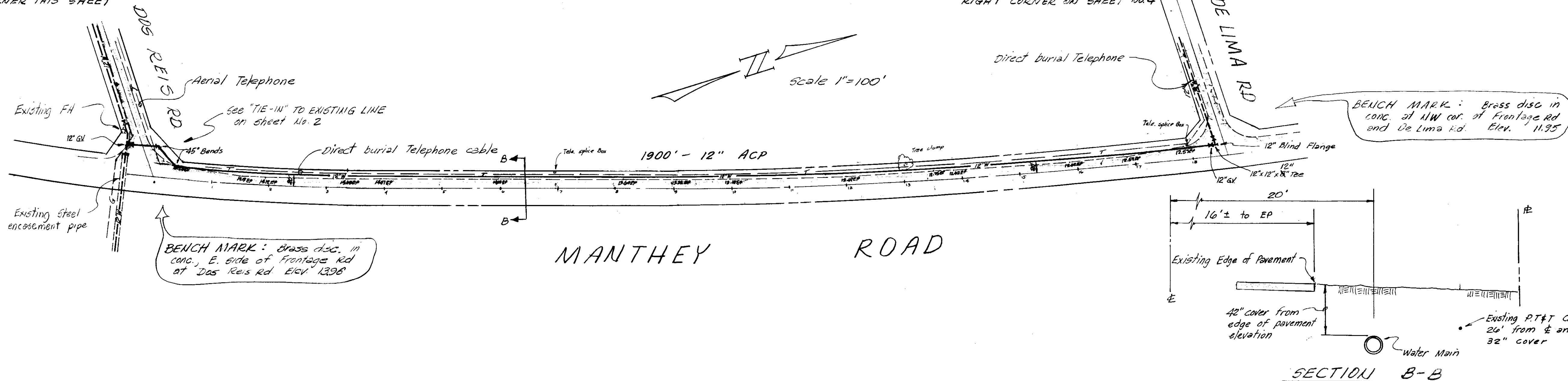
SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 49  
 (LOS REIS - DE LIMA ROADS WATER ASSESSMENT DISTRICT)  
**WATER MAIN EXTENSION**

OF 42  
 FILE NO.  
 5-18



FOR CONTINUATION SEE LOWER  
RIGHT CORNER THIS SHEET

FOR CONTINUATION SEE LOWER  
RIGHT CORNER ON SHEET NO. 4



1 As Built Data

6-27-78 PCAV.

Arnold H. de la Humber

8536

1193-J  
Dec. 1977  
389  
P. CAV.  
PCAV.  
ARS

SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 49  
(DOS REIS - DE LIMA ROADS WATER ASSESSMENT DISTRICT)

WATER MAIN EXTENSION

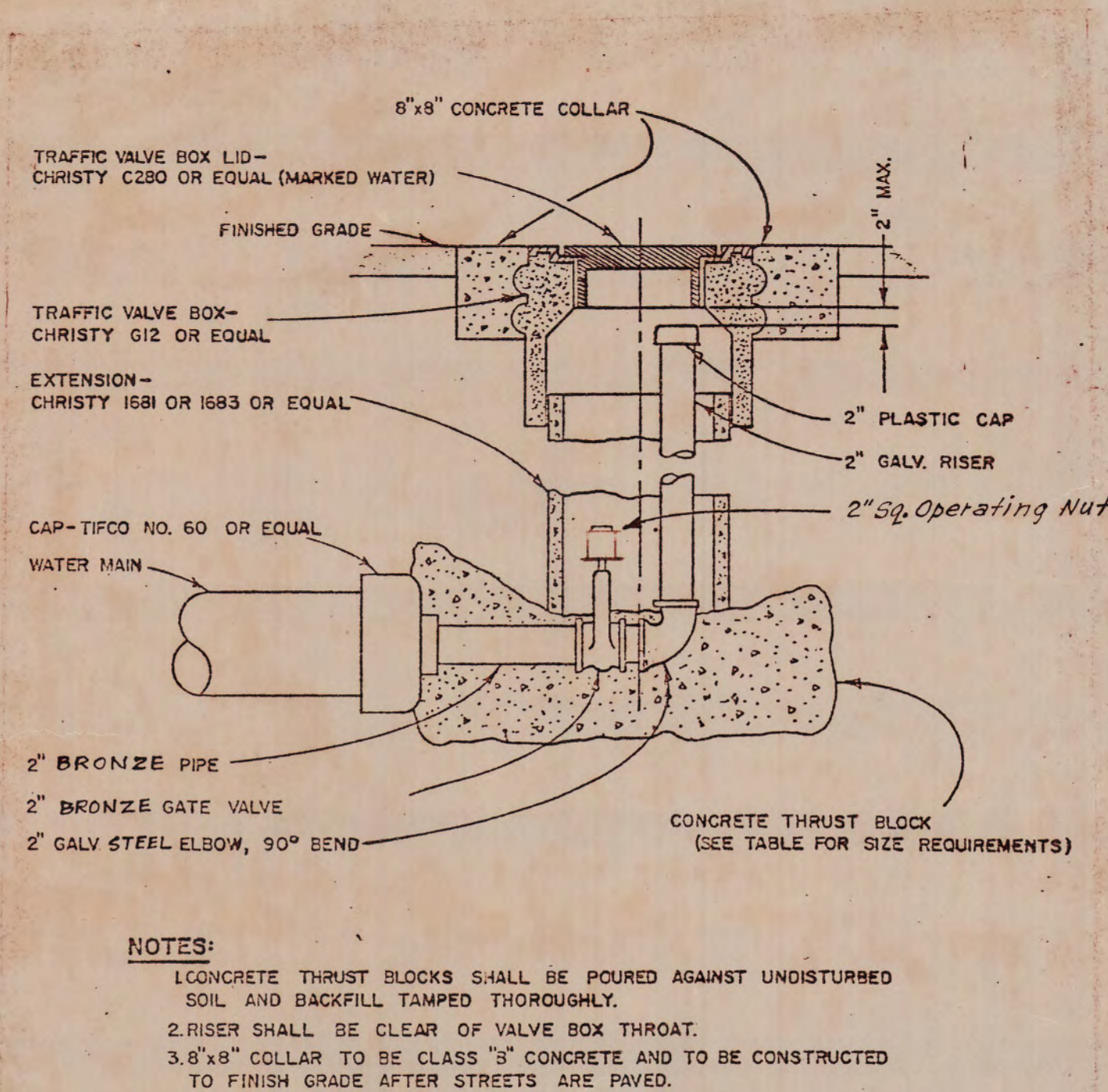
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FOUR

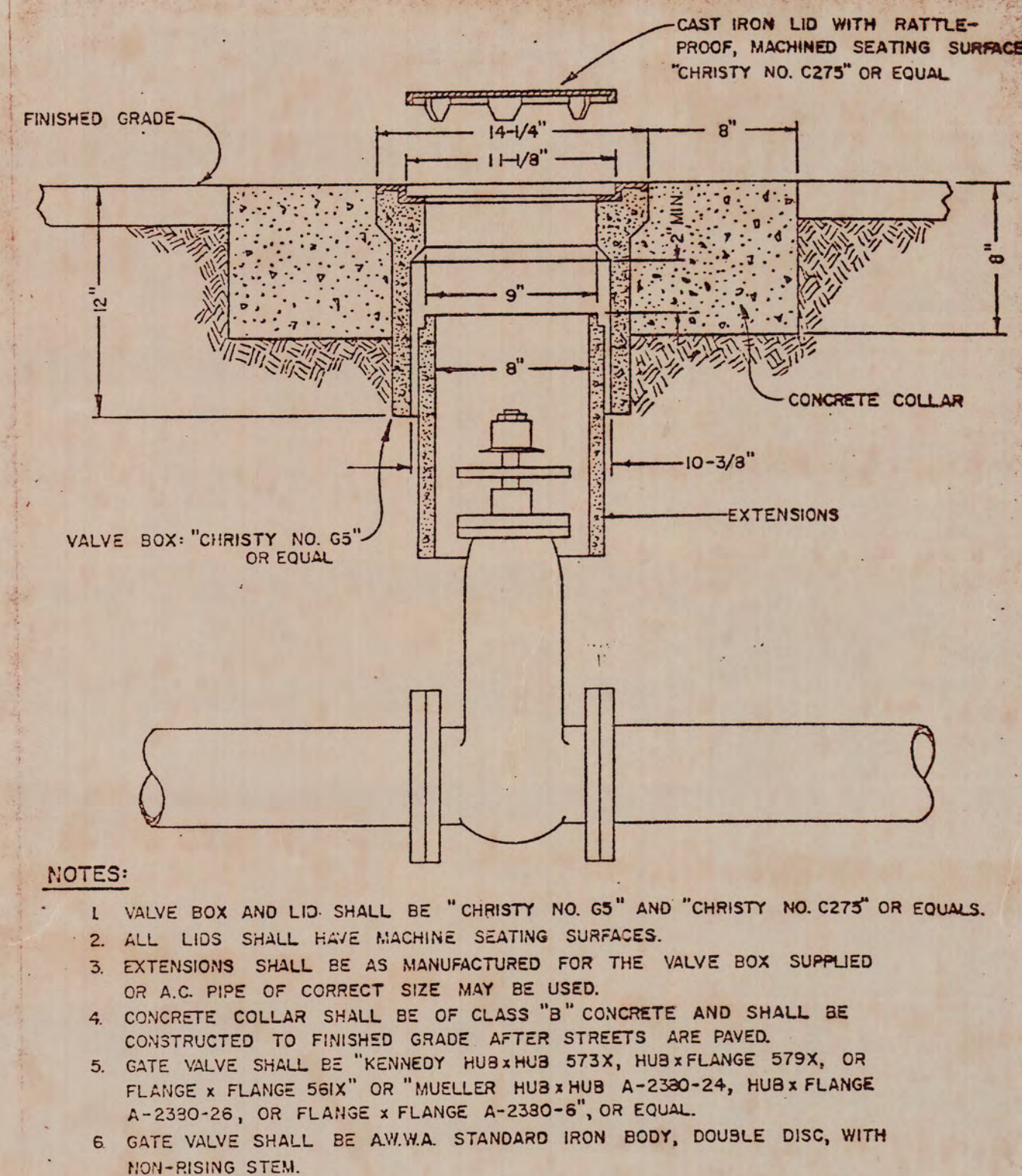
6-1959

51-1077



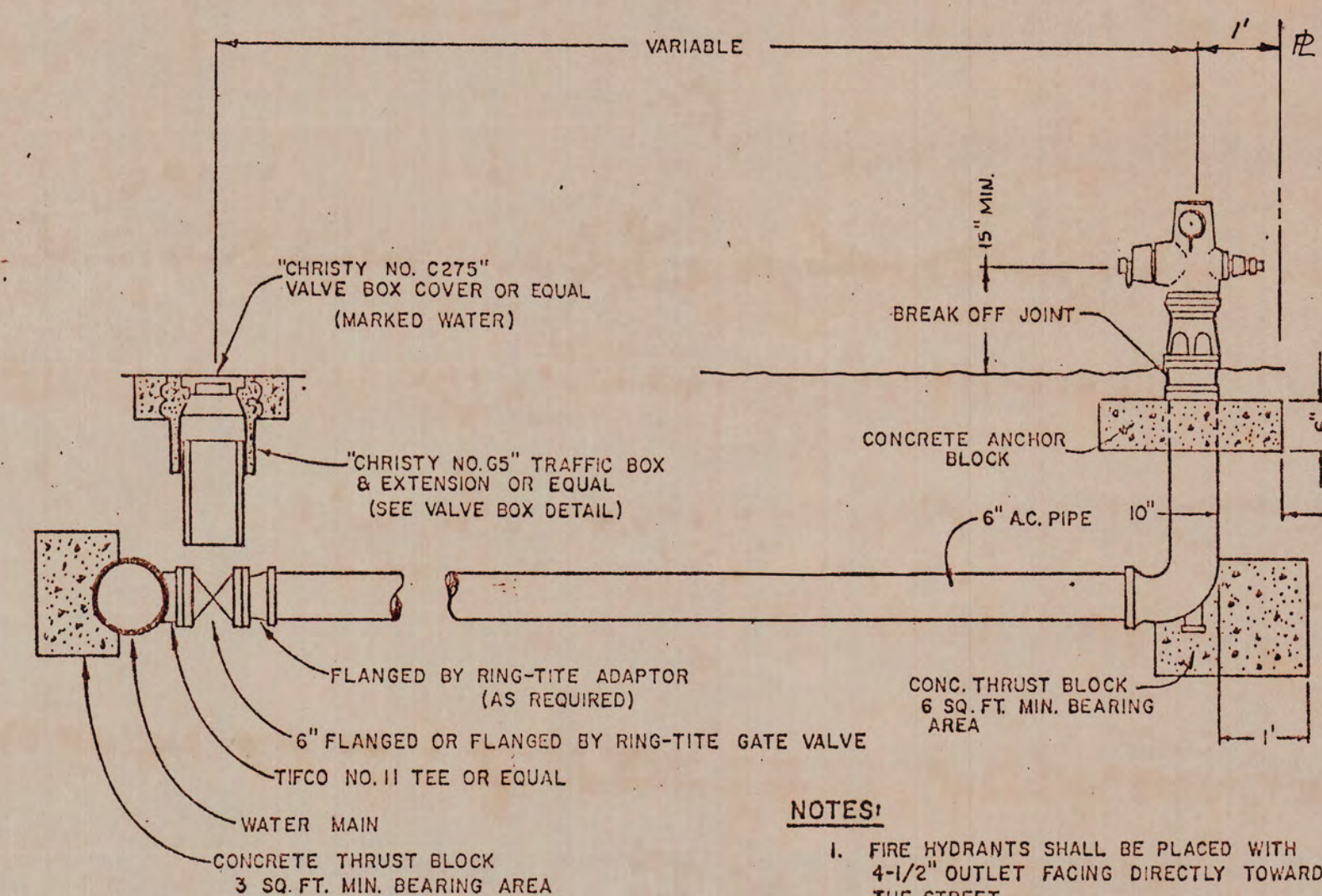


STANDARD WATER LINE BLOW OFF

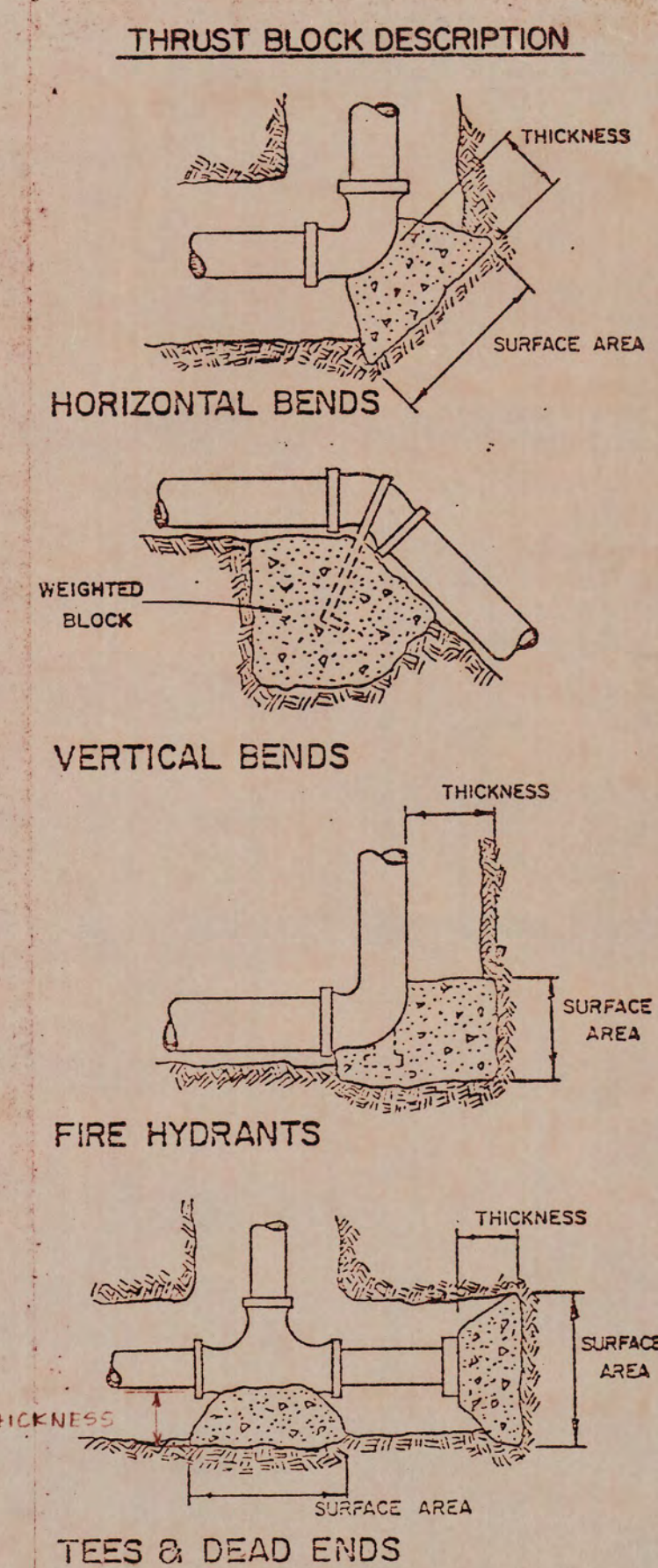


STANDARD VALVE BOX

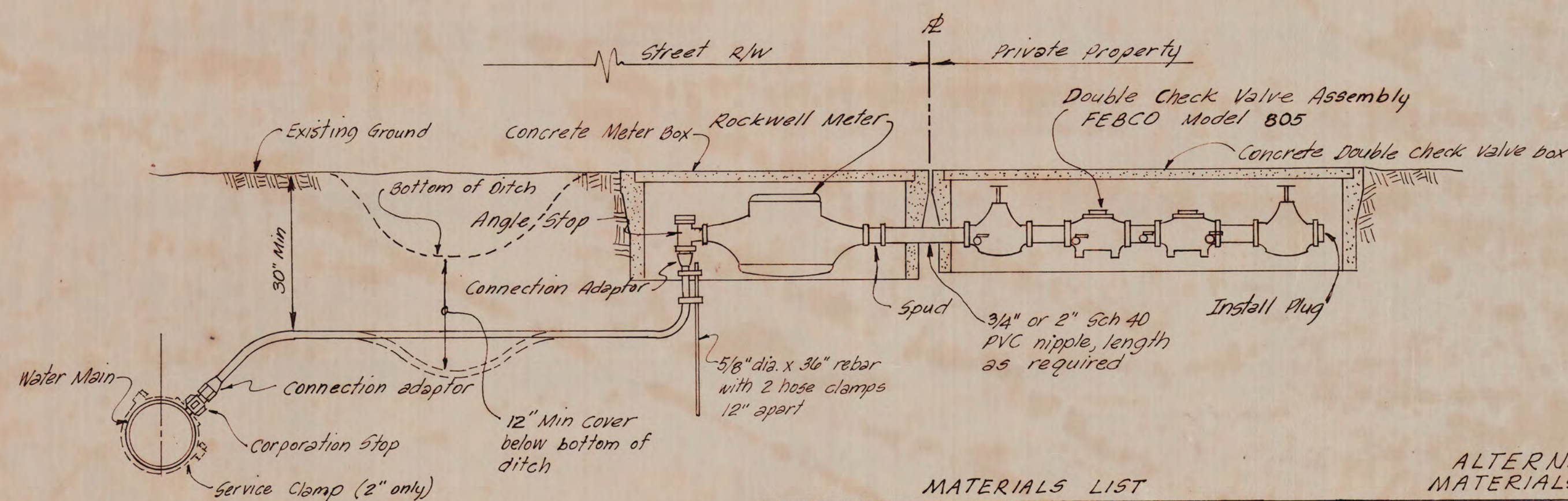
RESIDENTIAL FIRE HYDRANT TO BE "RICH 950" (1-1/2" & 1-1/4" outlets) OR OTHER "AWWA" APPROVED EQUAL (SPECIFICATIONS & STYLE)



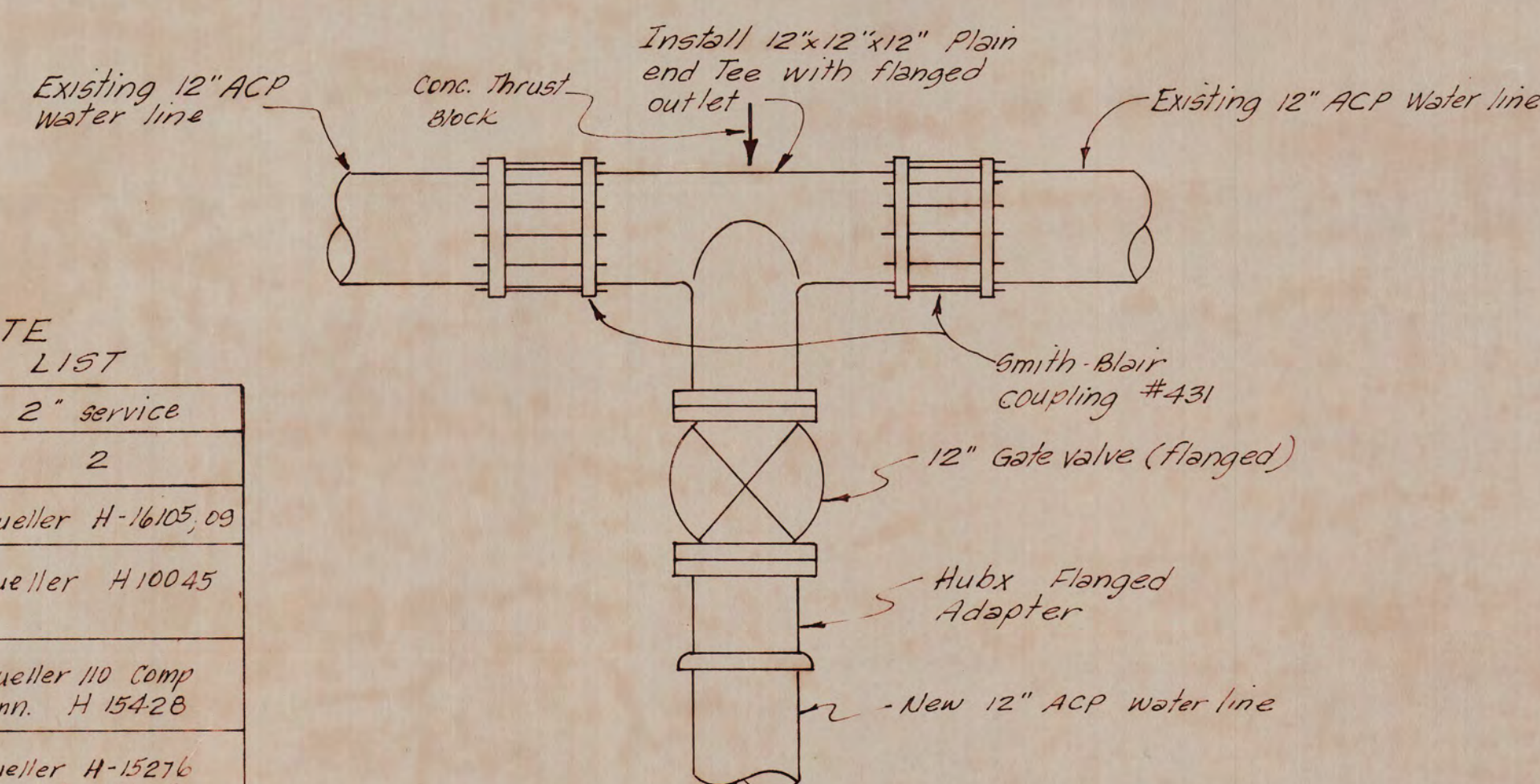
STANDARD FIRE HYDRANT DETAIL



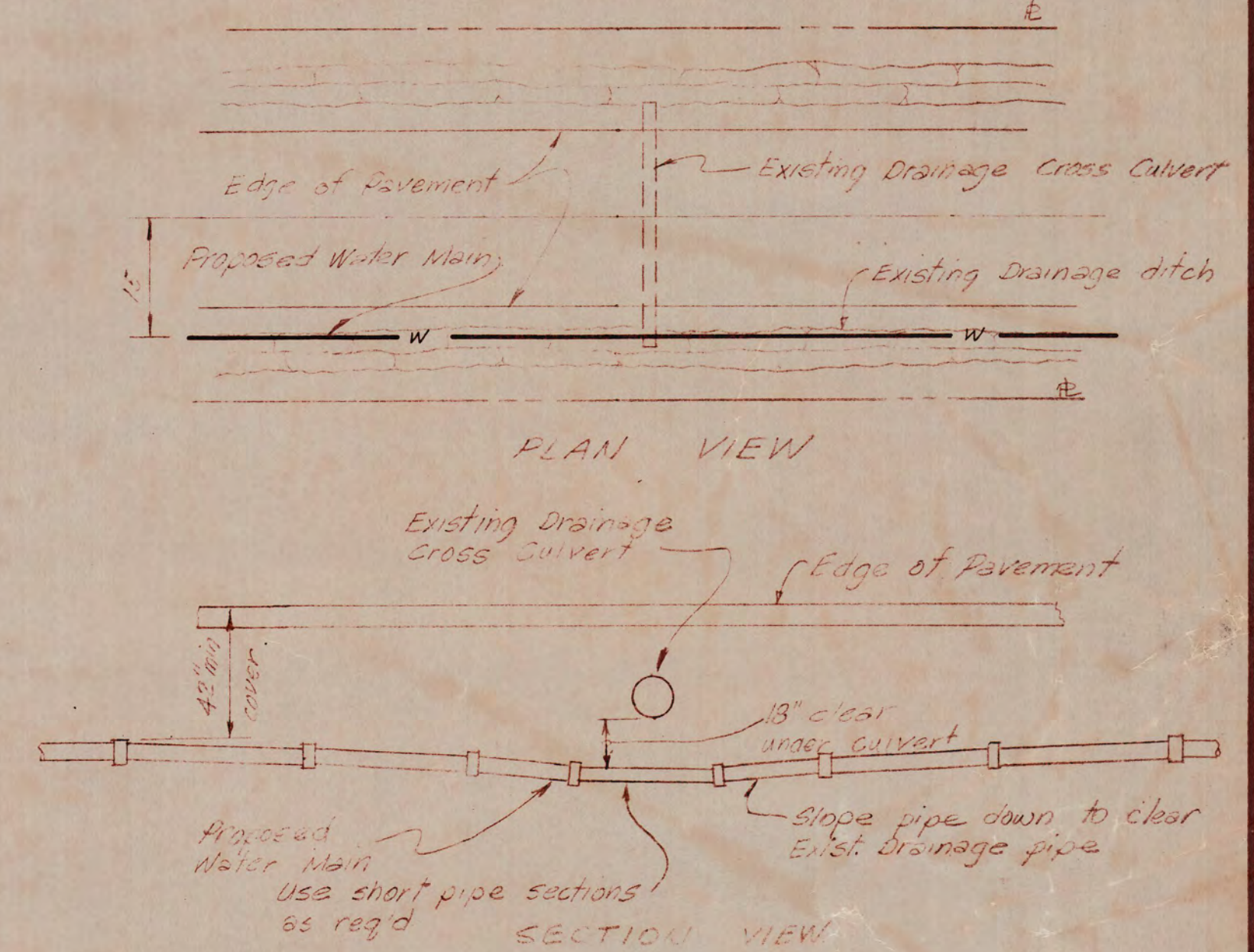
STANDARD THRUST BLOCK REQUIREMENTS



WATER SERVICE ASSEMBLY



TIE-IN TO EXISTING LINE



WATER MAIN UNDER CROSS CULVERT

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
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|           |             |      |    |

**R. W. SIEGFRIED & ASSOCIATES**  
CONSULTING CIVIL ENGINEERS  
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204  
R.C.E. No. 8536

JOB NO. 1192-J  
DATE DEC 1977  
F.B. NO. 389  
DRAWN P.CAV  
DESIGN P.CAV  
CHECKED ACS

SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 43  
(DOS REIS - DE LIMA ROADS WATER ASSESSMENT DISTRICT)

DETAIL SHEET

SHEET  
2  
OF FOUR  
FILE NO. 97



# SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 49

## DOS REIS-DE LIMA ROADS WATER ASSESSMENT DISTRICT

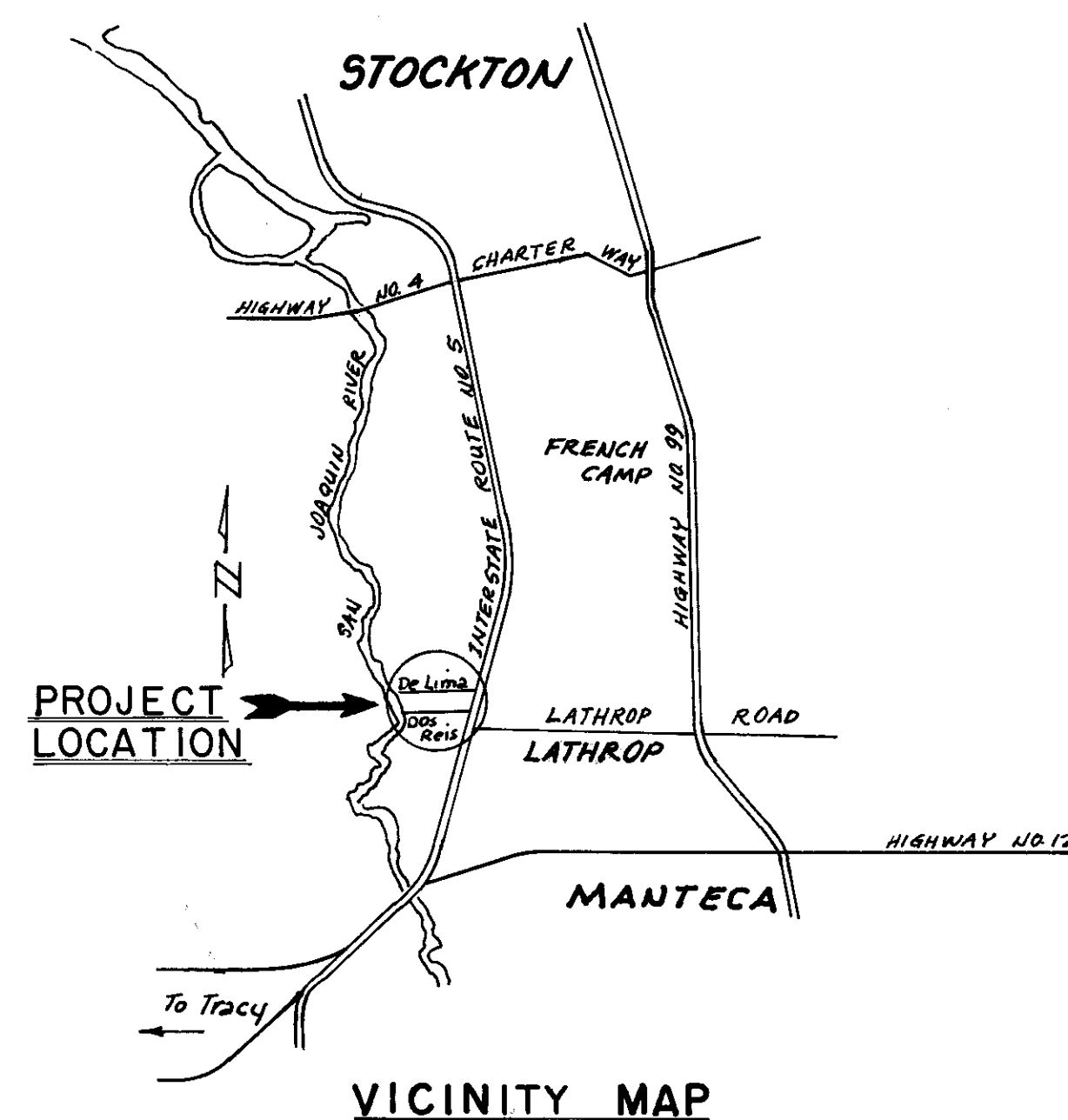
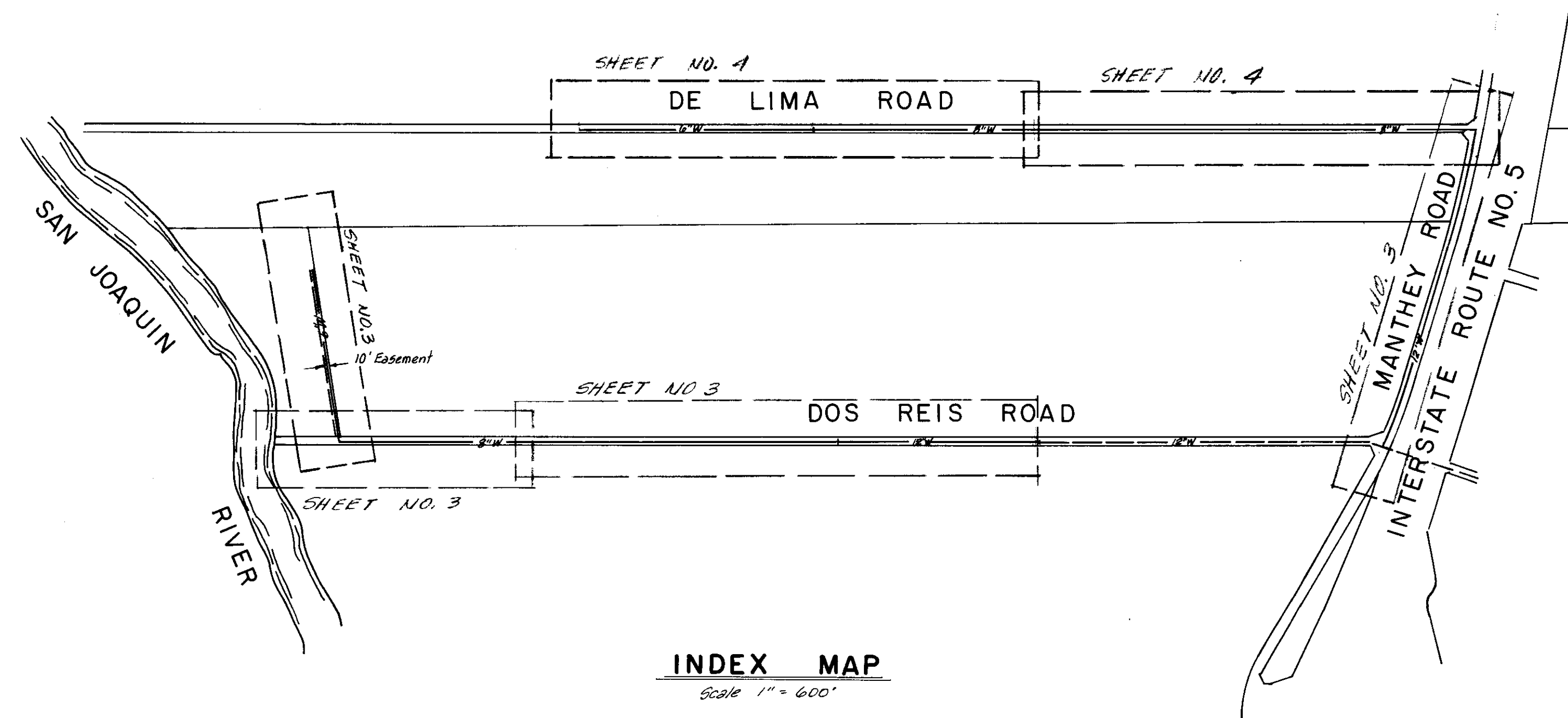
DECEMBER 1977

### ABBREVIATIONS

|       |                       |
|-------|-----------------------|
| E.P.  | Edge of Pavement      |
| F.H.  | Fire Hydrant          |
| CMP   | Corrugated Metal Pipe |
| Conc. | Concrete              |
| ACP   | Asbestos Cemet Pipe   |
| W.S.  | Water Service         |
| P     | Property Line         |
| CL    | Center Line           |
| R/W   | Right of Way          |
| Typ.  | Typical               |
| C.I.  | Cast Iron             |

### LEGEND

|                |                                             |
|----------------|---------------------------------------------|
| —12"W—         | Proposed Water Line                         |
| - - -12"W- - - | Existing Water Line                         |
| - - -T- - -    | Existing Underground Telephone Cable        |
| - - -G- - -    | Existing Gas Main                           |
| —○—            | Fire Hydrant                                |
| —○—            | Blow off                                    |
| —■—            | Concrete Driveway                           |
| —□—            | Dirt, Asphalt or Gravel Driveway (as noted) |
| —○—            | Tree                                        |
| —              | Existing Pavement                           |
| —              | Drainage Culvert                            |
| —              | Irrigation Ditch                            |
| —              | Telephone and/or Power Pole                 |



### NOTES

- Existing utilities shown on these plans are located according to available records and their location has not been actually verified in the field. The Engineer assumes no responsibility for accuracy of utility information shown. It shall be the Contractors responsibility to physically locate these lines to protect them from damage during construction.
- The Contractor agrees that he shall assume sole and complete responsibility for job site 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 District and R. W. Siegfried & Associates 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 District or R. W. Siegfried & Associates.
- All elevations refer to San Joaquin County datum.
- The District will provide all alignment stakes.
- The exact location of all water services shall be determined by the Engineer at the time of construction.
- A free locating service for underground telephone cable may be requested from Pacific Telephone by notifying them at (209) 466-8353, 48 hours prior to the beginning of construction in areas where cables are located.
- After final acceptance of this job the water lines will be maintained by the Lathrop County Water District.
- Existing drainage culverts that are located along the trench line may be removed and then replaced at their original location. The cost of this work shall be included in the unit price for pipe installation.

COUNTY OF SAN JOAQUIN

APPROVED BY: *John A. Anderson*  
3rd Director of Public Works

DATE: 12/23/77

As Built Data

6-27-78 P.C.A.V.

Arnold R. Schamber

8536

1193-J  
DEC. 1977  
389  
P.C.A.V.  
P.C.A.V.  
ARS

SAN JOAQUIN COUNTY IMPROVEMENT DISTRICT NO. 49  
(DOS REIS-DE LIMA ROADS WATER ASSESSMENT DISTRICT)

TITLE SHEET

FOUR  
6-1859