

OUTSIDE SHOULDER

NOTES:

1. Relative compaction of materials shall be tested by the State of California, Dept. of Public Works, Division of Highway, test method No. Calif. 216, 1978 or 231, 1978.
2. All existing pavement shall be neatly cut to line prior to trench excavation.
3. No jacking or ponding shall be permitted within the street right of way.
4. * When shown by soil composition and compaction, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
5. Where crossing Sanitary Sewer mains, water line is to be a minimum of 1' above Sanitary Sewer. If remaining cover is less than 30", install 4" concrete protection similar to W.I.D. trench detail.

TYPICAL TRENCH BACKFILL

N.T.S.



NOTES

1. Bore Pits shall be a minimum of 10' from tracks.
2. Contractor shall enter into agreement with Railroad Company, part of which will require evidence of \$2,000,000.00 insurance.
3. After signing agreement with Railroad, the Contractor shall notify Railroad five (5) working days before beginning work.
4. Railroad fees shall be paid by the Owner.
5. Water boring or water testing will not be allowed.
6. When contacting S. P. Transportation Co. refer to Project #312-21.



NO.	DATE	REVISIONS	BY	DESIGN _____ DRAWN BY <u>JM</u>	APPROVED _____
①	1-13-81	Revise Casing	TP	<u>[Signature]</u>	<u>2/12</u> 1981 1980 <u>[Signature]</u>
				APPROVED BY _____	
				R.C.E. <u>19678</u> DATE <u>1-12-81</u>	SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS

BAUMBACH & PIAZZA
CIVIL ENGINEERS — SURVEYORS
221 W. OAK ST., LODI, CALIF. 95240 PH. 209-368-8098

DETAIL SHEET
WOODBIDGE WATER LINE

SHEET 5 OF 5

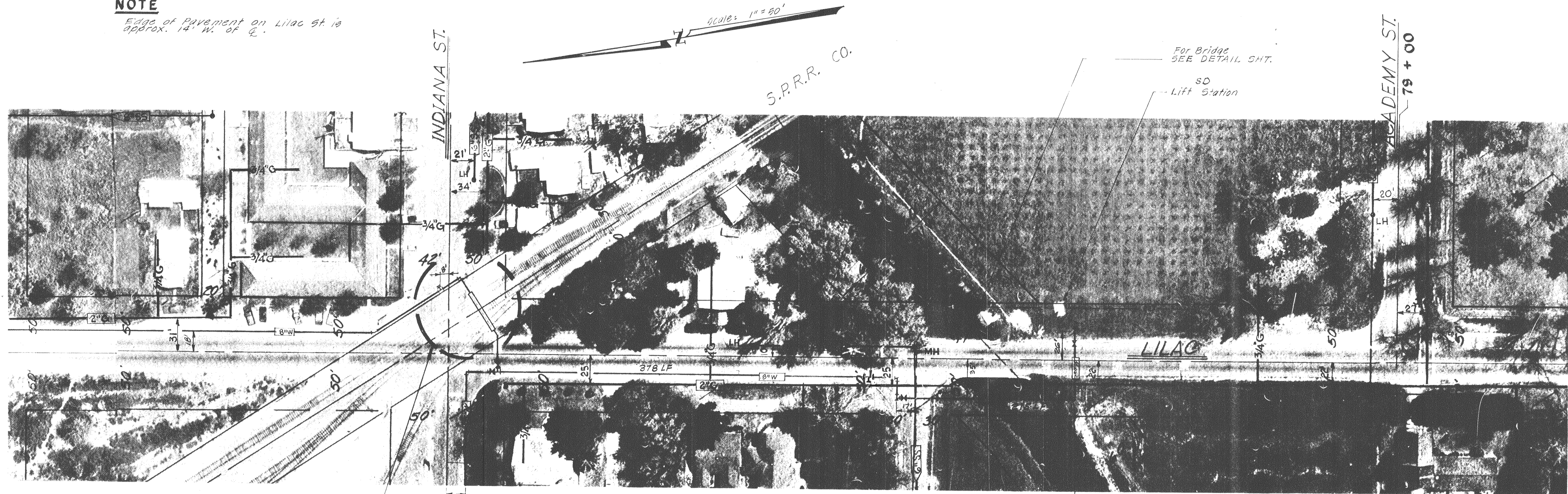
JOB NO. 79112-8023

FILE NO.

79112-8023

NOTE

Edge of Pavement on Lilac St is approx. 14' W. of E.



FOR RAILROAD CROSSING
SEE DETAIL SHT.

For Bridge
SEE DETAIL SHT.

SD
Lift Station

87 + 40

83 + 20

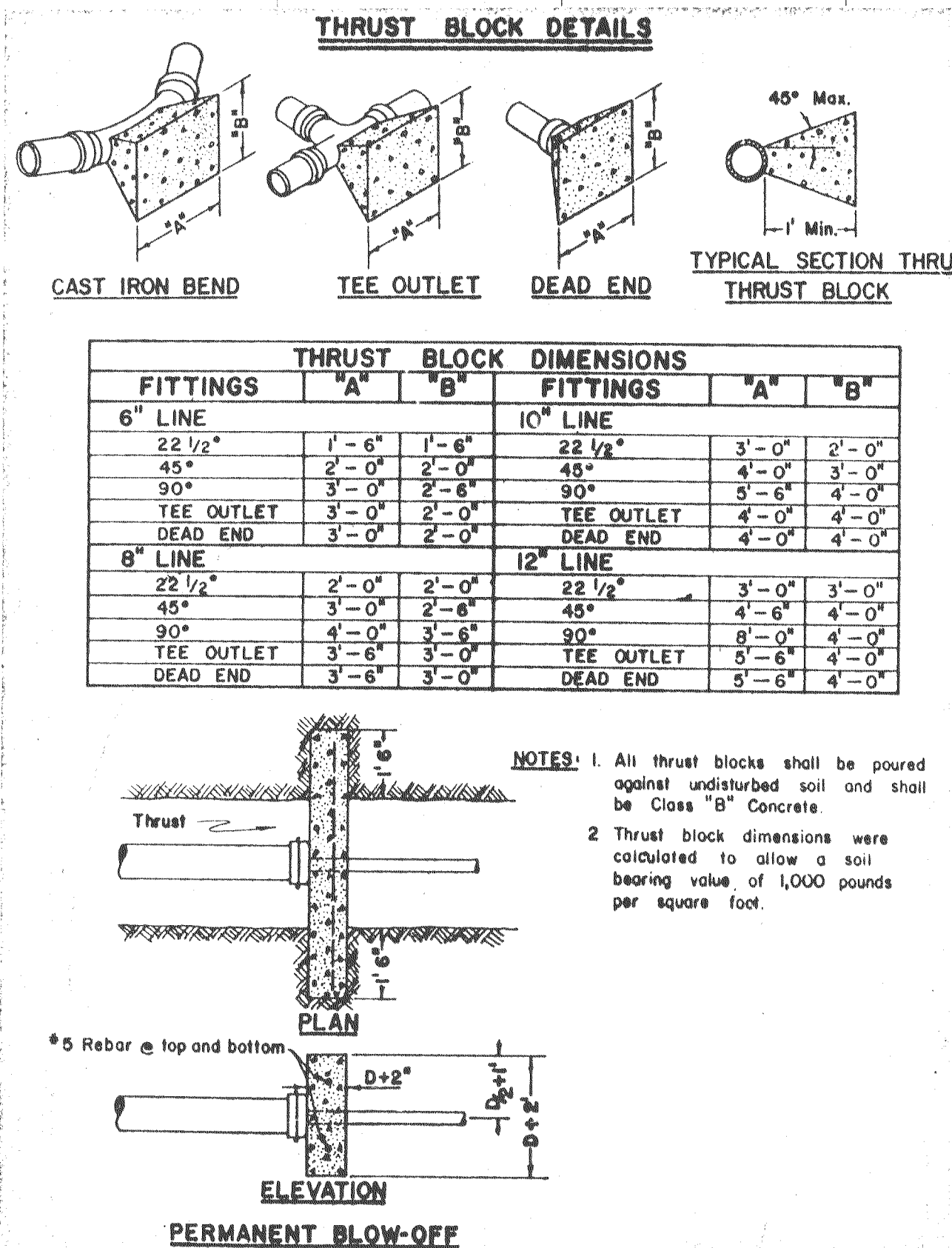
NOTIFY W.I.D. before commencing
work within W.I.D. R/W.

LILAC

STREET

Scale: Hor: 1" = 50' Vert: 1" = 2'

91 + 00 90 + 00 89 + 00 88 + 00 87 + 00 86 + 00 85 + 00 84 + 00 83 + 00 82 + 00 81 + 00 80 + 00 79 + 00 78 + 00



46

44

42

40

38

36

34

32

FILE NAME: 5002
DRAWN: 50
SHEET NO.: 1383

SIGNED

Larry Raja

R.C.E. 19638

DATE: 1/12/81

APPROVED

William J. Ward

1981

SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS

WOODBIDGE WATER LINE
LILAC STREET

Between Academy St.

Sheet No.

4

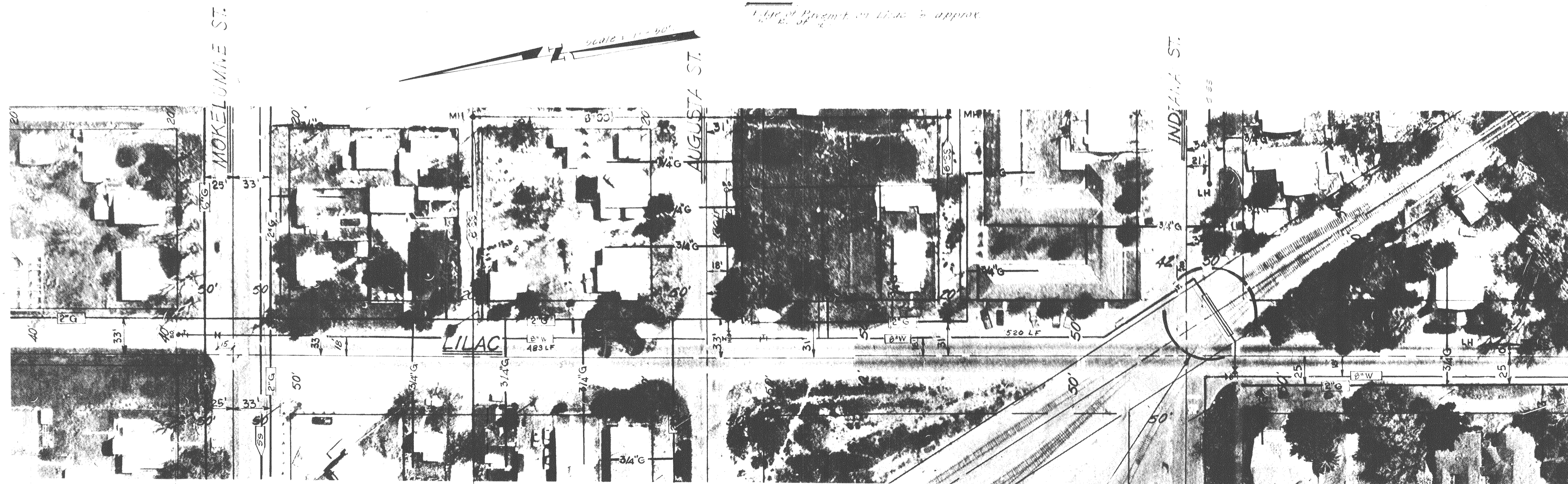
of 5

File No.

79112-8023

NOTE

1. All of Proposed Work to be approved

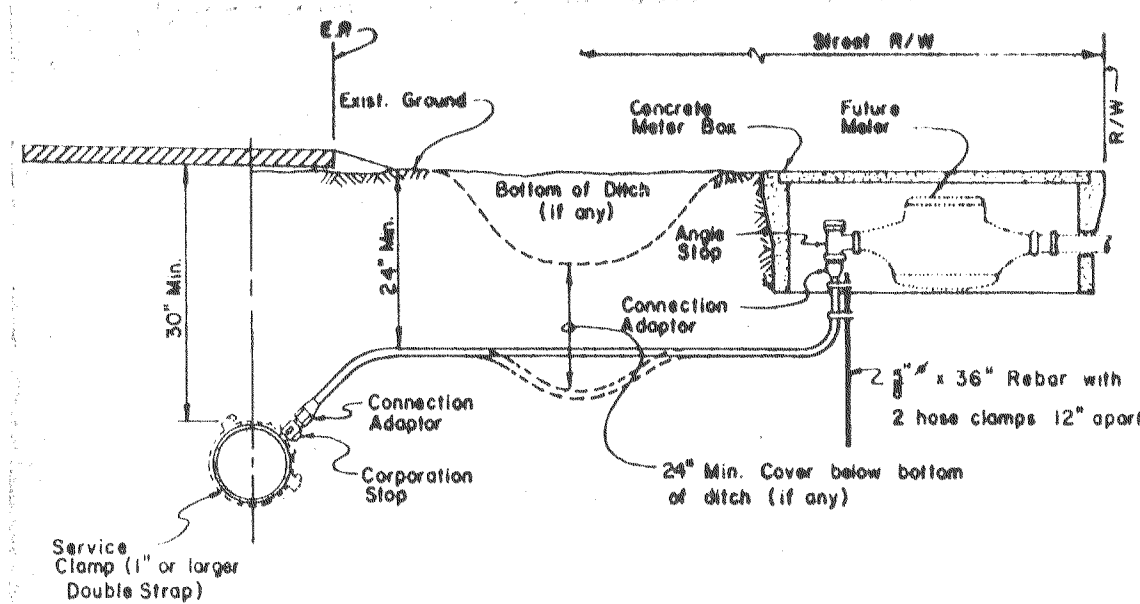


LILAC

STREET

Scale: Hor: 1" = 50' Vert: 1" = 2'

101+00 100+00 99+00 98+00 97+00 96+00 95+00 94+00 93+00 92+00 91+00 90+00



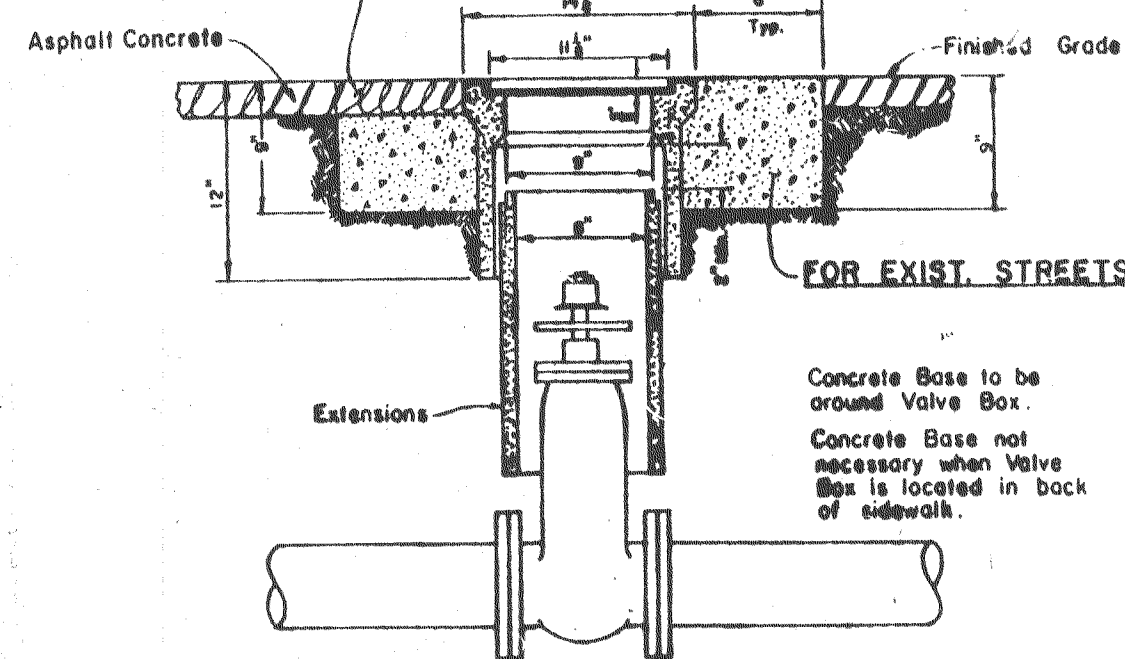
NOTES:

1. Plastic pipe for 1" I.D. service shall be ultra high molecular weight (UHMW) Polyethylene as manufactured by "Oriscopipe", "Orangeburg" or approved equal with minimum pressure rating of 160 psi.
2. Plastic pipe for 2" I.D. service shall be PB 2110 Polybutylene or approved equal with minimum pressure rating of 160 psi.
3. Corporation stop shall have corporation cock threads.
4. Angle stop shall have swivel nut and lock wings.
5. Angle stop shall be vertically plumbed.
6. Service saddle shall be required for the 2" service tap.
7. Mueller Insta-tite connection shall conform to ASTM Designation D 2239.

WATER SERVICE

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

FOR NEW STREETS

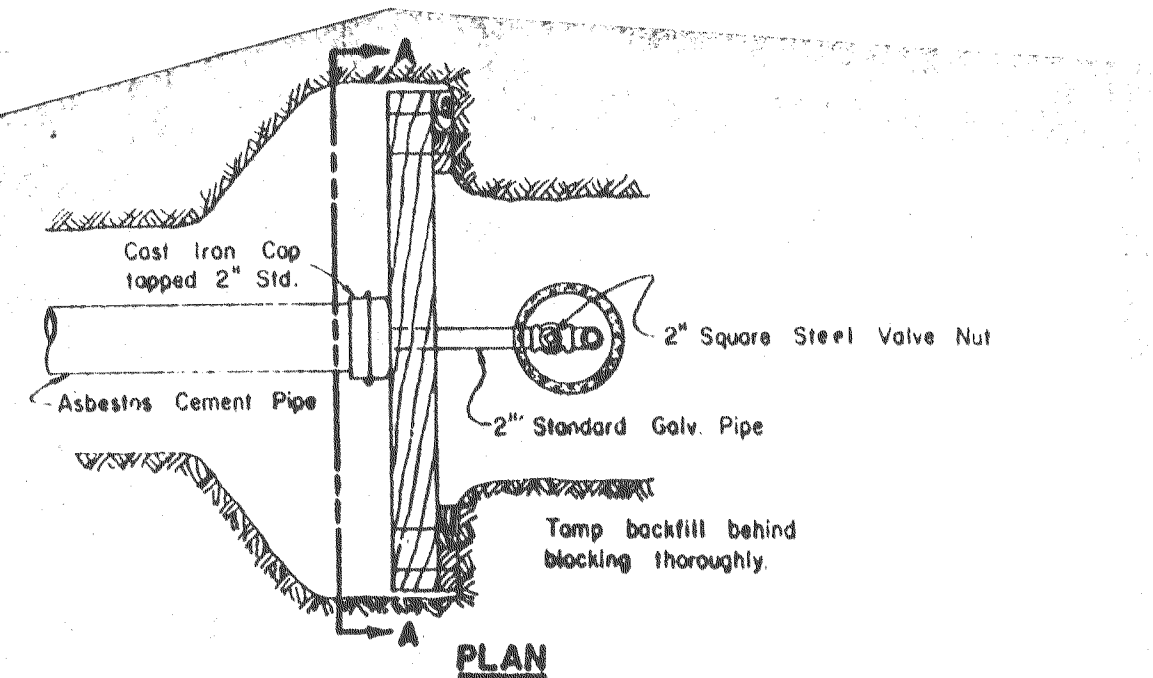


NOTES:

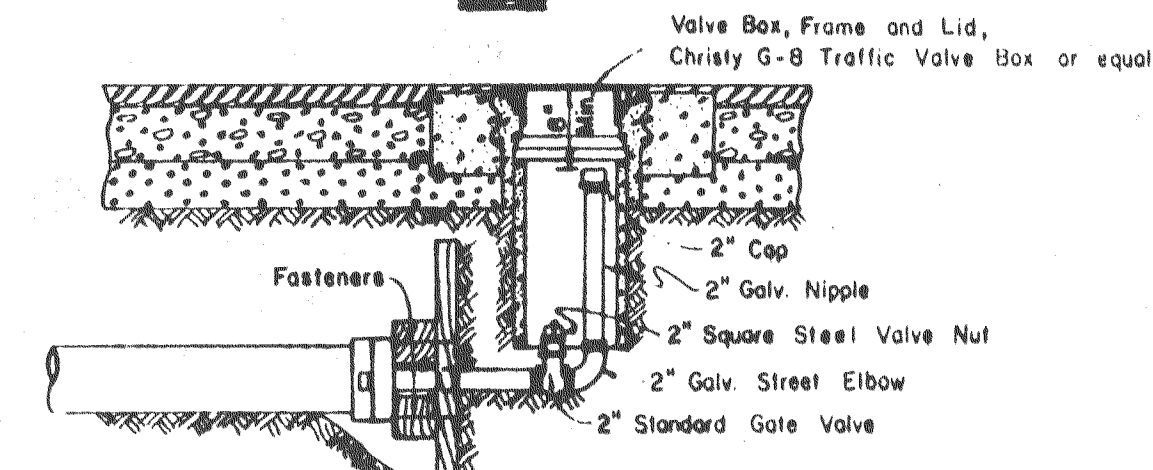
1. Valve box and Lid shall be Christy No. G5, Brooks No. RT or 4-TT, or equal.
2. All Lids and Grade Rings shall have machined seating surfaces.
3. Extensions shall be as manufactured for the Valve Box supplied or Pipe of correct size can be used.

VALVE BOX

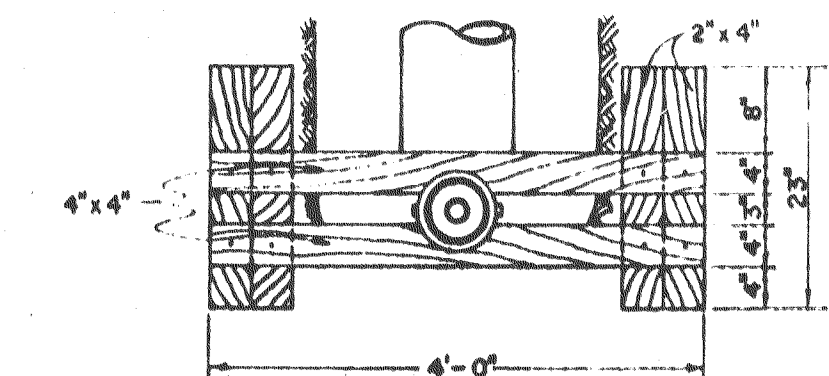
COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS



PLAN



ELEVATION



TEMPORARY BLOW OFF

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

APPROVED

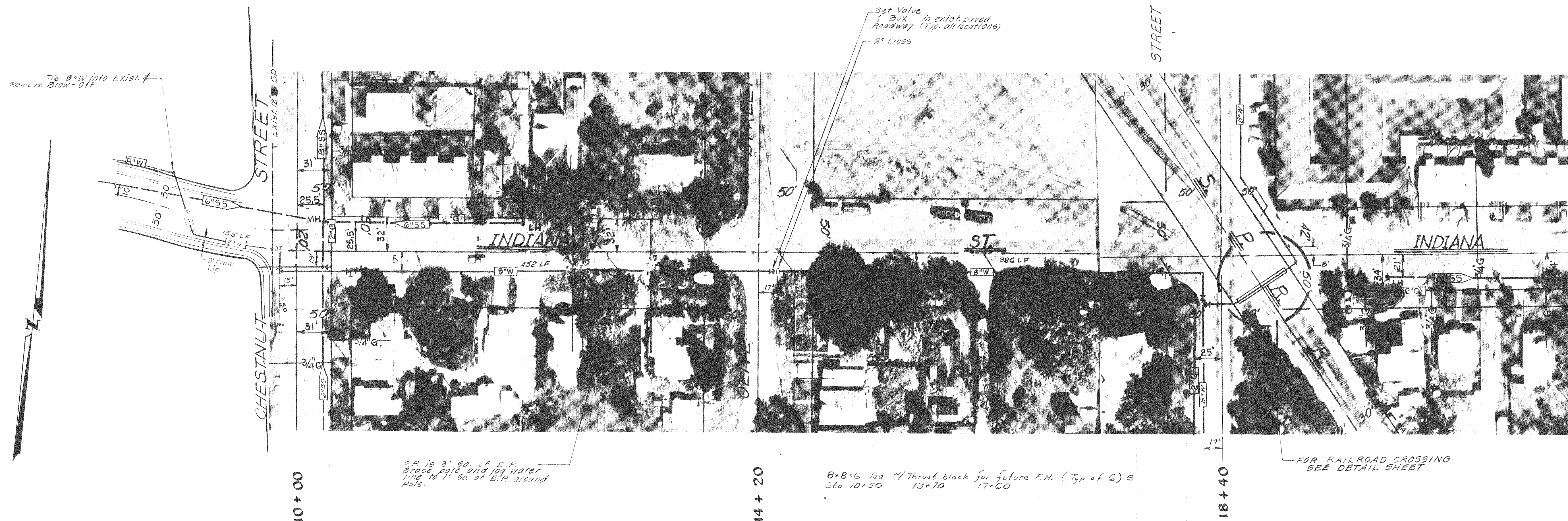
2/12/1981
SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS

WOODBRIDGE WATER LINE
LILAC STREET
Between Mokelumne St. & Indiana St.

Sheet No.
3
of
File No.

NOTE:

Between Chestnut & Lilac on Indiana the average Edge of Pavement is 15' 50" of G.



INDIANA

STREET

8 + 00 9 + 00 10 + 00 11 + 00 12 + 00 13 + 00 14 + 00 15 + 00 16 + 00 17 + 00 18 + 00 19 + 00 20 + 00 21 + 00

Scale: Hor. 1" = 10' Vert. 1" = 2'

FILE NAME
Subd
DRAWING NO.
50
SHEET NO.
1385

SIGNED

Levy D. Lopez

R.C.E. 196-38

DATE

1/12/81

APPROVED

William J. Mad 2/12 1981

SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS

WOODBIDGE WATER LINE
INDIANA STREET
Between Chestnut St. & Lilac St.

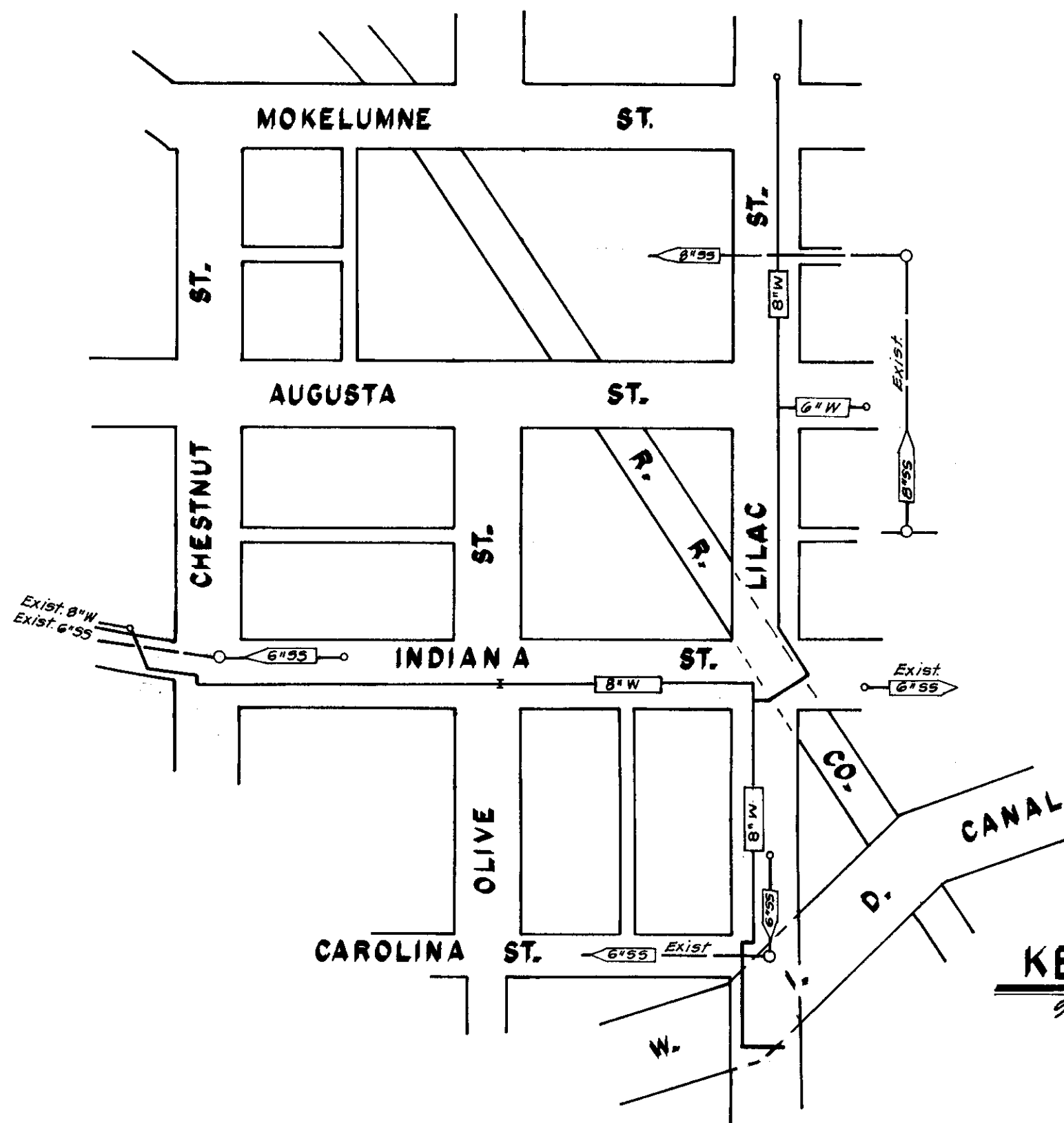
Sheet No.
2
of 5
File No.

GENERAL NOTES

1. All work shall conform to these plans, specifications and any special provisions for this project.
2. San Joaquin County Standard Plans and Specifications are hereby made a part of these plans, as are the Specifications of Southern Pacific Transportation Co.
3. Contractor shall receive an approved set of plans prior to beginning construction.
4. Baumbach & Piazza (Engineer) shall set all survey controls and construction stakes necessary for completion of work. The Contractor shall be responsible for the preservation of all survey and construction stakes. Survey and construction stakes that are lost or destroyed due to Contractor's negligence will be set by the Engineer at the Contractor's expense.
5. Underground utilities are plotted from available records. It is the Contractor's responsibility to protect underground utilities whether shown on these plans or not and to have utility agencies mark their facilities prior to beginning construction.
6. Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety for all persons and property; that this requirement shall apply continuously and not be limited to normal working hours, and that Contractor shall defend, indemnify, and hold the Owner and the 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.
7. All work will be required to be inspected by San Joaquin County Department of Public Works and the department shall be notified not less than 24 hours in advance of commencement of work.
8. Contractor shall give Engineer a minimum of 48 hours notification prior to staking any utilities.
9. It is the contractor's responsibility to contact S. P. Transportation Co. and secure permits.

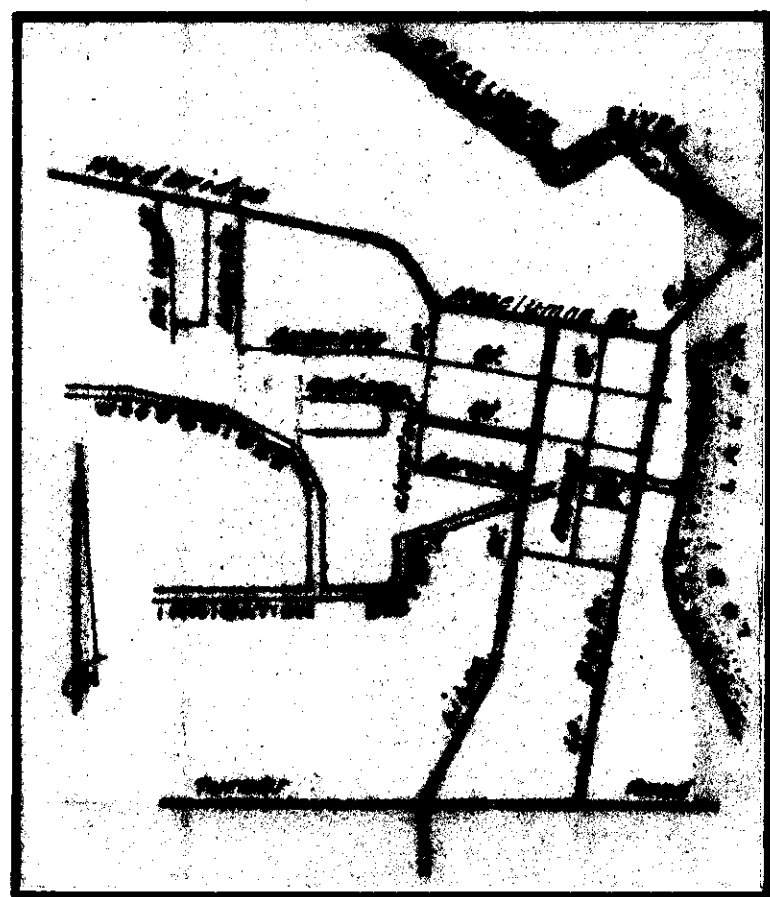
CONSTRUCTION QUANTITIES

6" Water	130 L.F.
8" Water	2509 L.F.
6" Valve & Box	1 Each
8" Valve & Box	7 Each
Blow-Off	2 Each
Jacked Casing - Steel Pipe	60 L.F.
Water Service	3 Each



KEY MAP

Scale: 1" = 200'



VICINITY MAP

APPROVED BY

William Hard CE 9338 2-12-81
SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS DATE
Leonard Ortiz 2-6-81
LEONARD ORTIZ Fire Chief DATE
CHIEF - WOODBRIDGE FIRE DISTRICT
Steve Thoms 2-12-81
SAN JOAQUIN COUNTY FIRE WARDEN DATE
James R. Miller, R.D. Feb-10-1981
SAN JOAQUIN COUNTY LOCAL HEALTH DISTRICT DATE

NO.	DATE	REVISIONS	BY	DESIGN	DRAWN BY

APPROVED BY: *James Piazza*
R.C.E. 19638 DATE 1/12/81

BAUMBACH & PIAZZA
CIVIL ENGINEERS - SURVEYORS
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WOODBRIDGE WATER LINE
LILAC STREET INDIANA STREET
KEY MAP

SHEET 1 OF 5
JOB NO. 79112-8023
FILE NO.