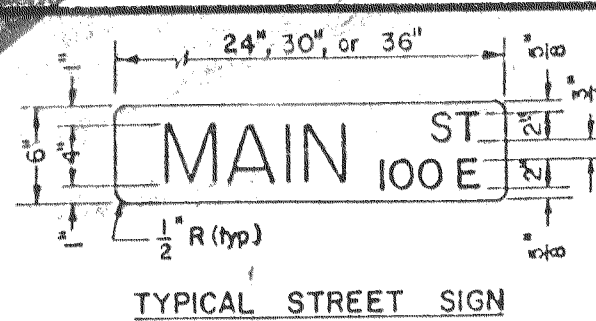
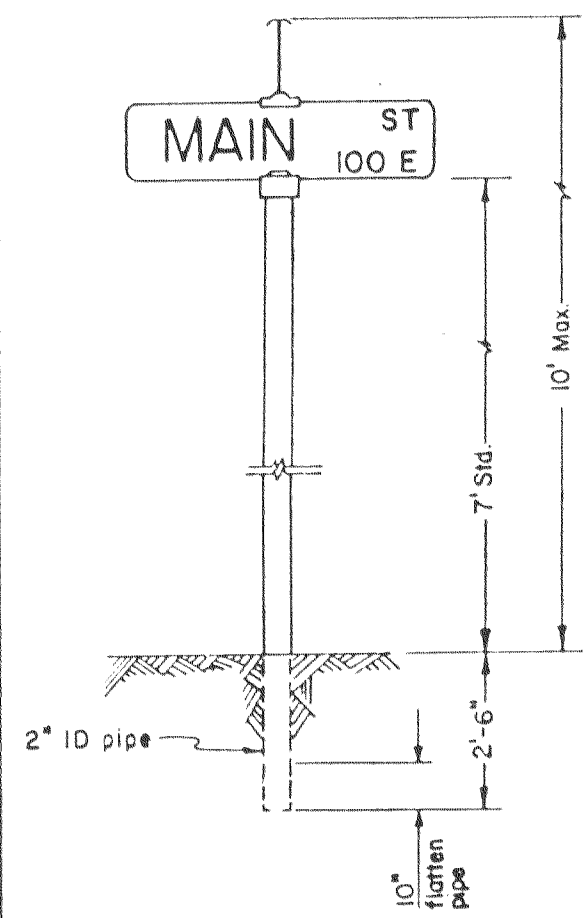




TYPICAL STREET SIGN

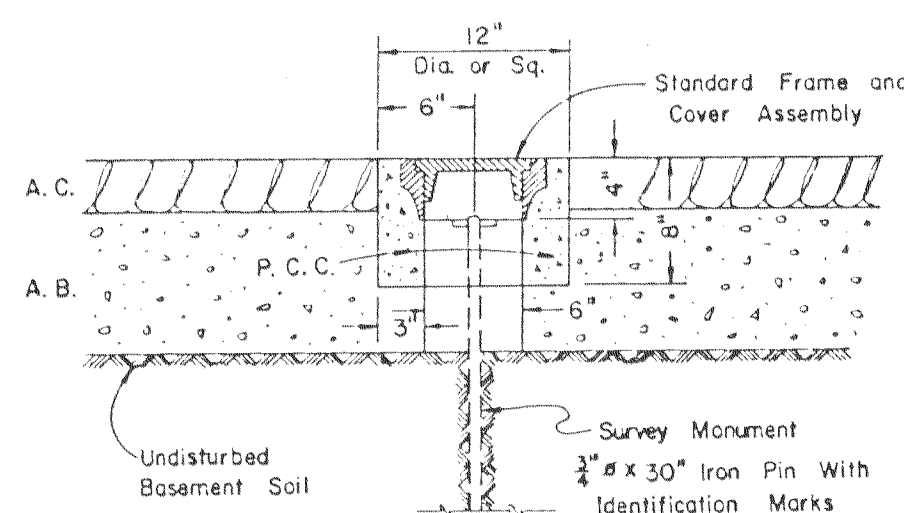
NOTES:

1. One street sign is required at each intersection.
2. Block numbers are to be acquired from the San Joaquin County Department of Planning and Building Inspection.
3. See improvement plans for location of STOP signs, when required.
4. The length of the street sign varies due to the length of the street name.

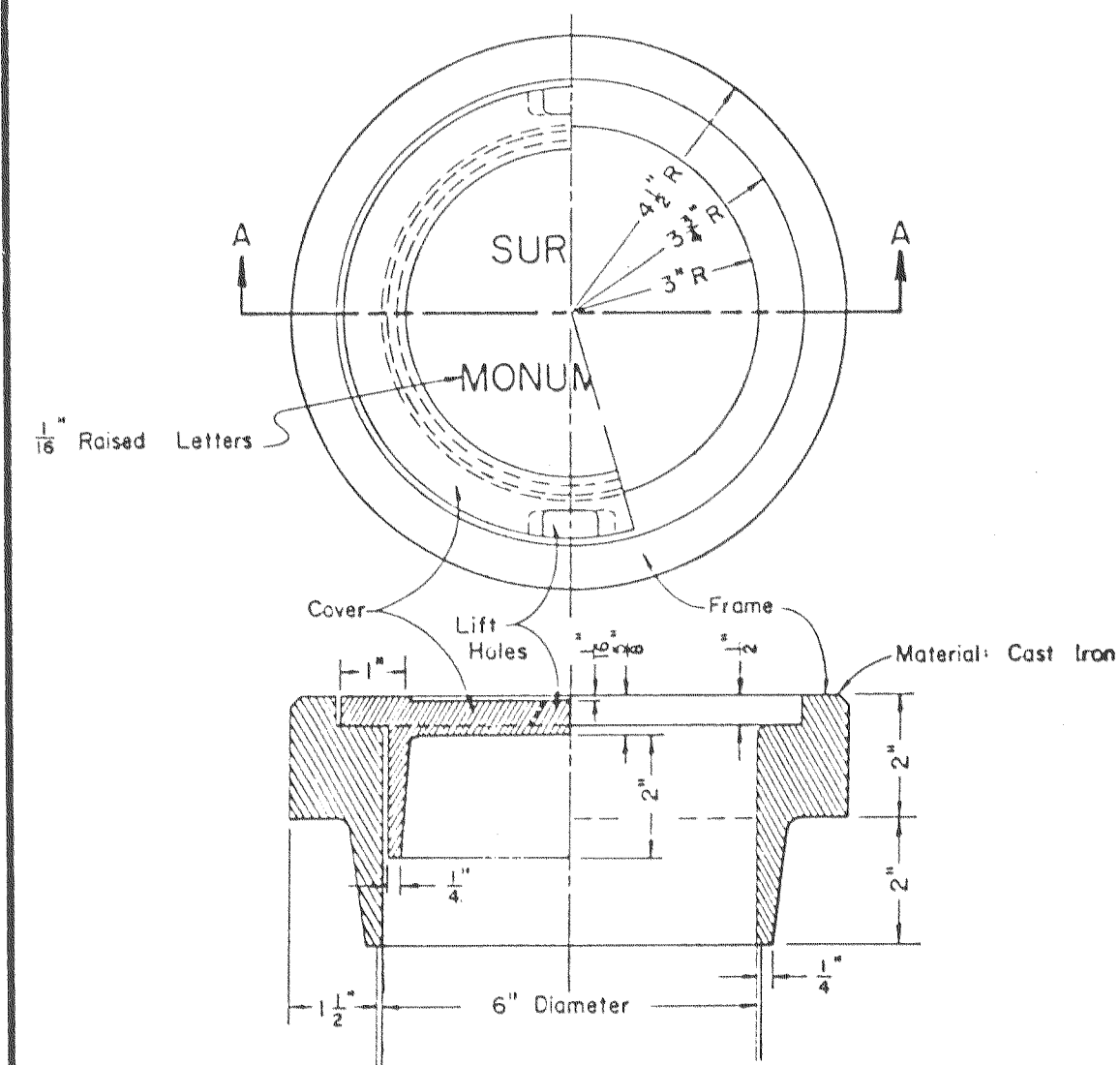


TYPICAL STREET SIGN INSTALLATION

STANDARD STREET SIGN DETAILS

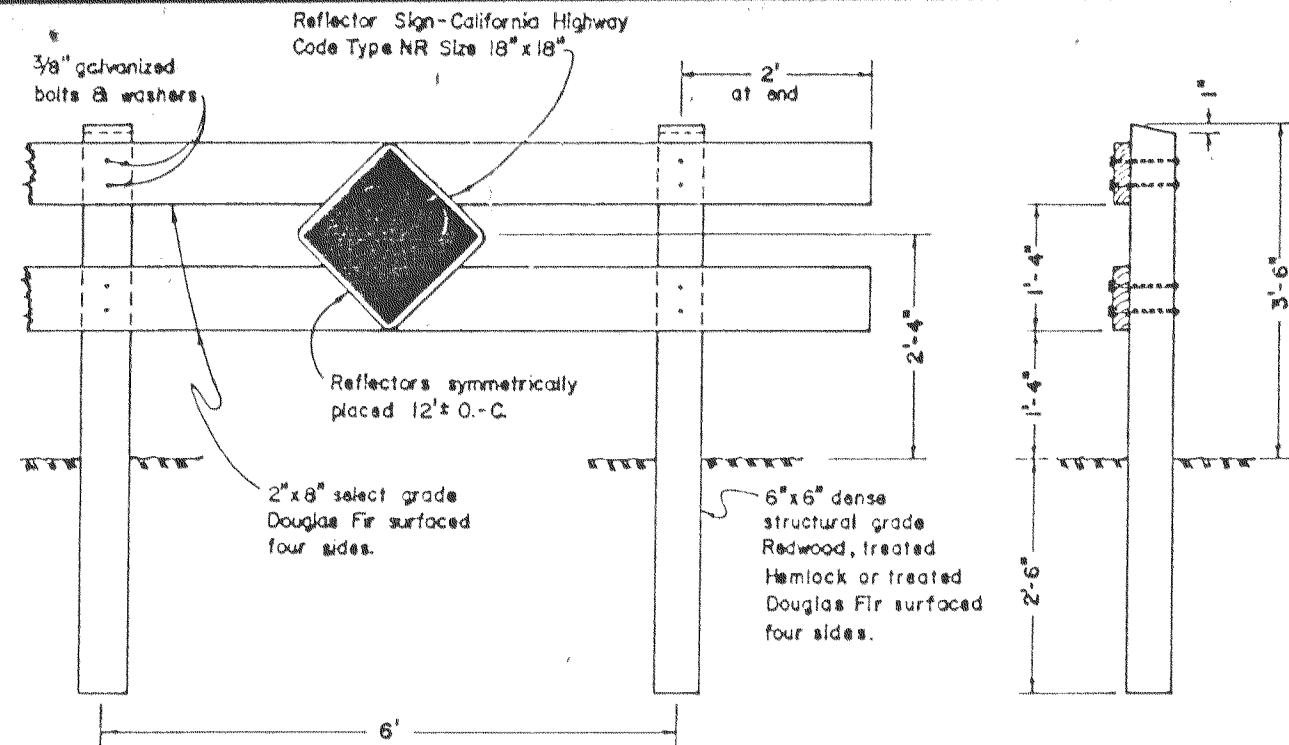


TYPICAL SECTION



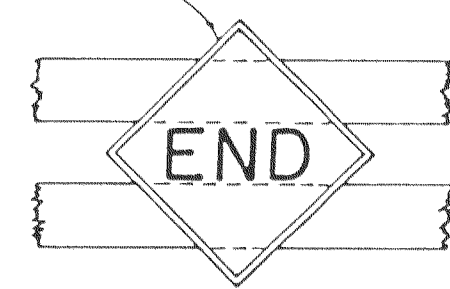
SECTION A-A

SURVEY MONUMENT
FRAME & COVER ASSEMBLY



TYPE "A"

Reflective Sign-Calif. Hwy.
Code W31, 30" Size
Center on Barricade.



CENTER REFLECTOR
FOR TYPE "A" BARRICADE

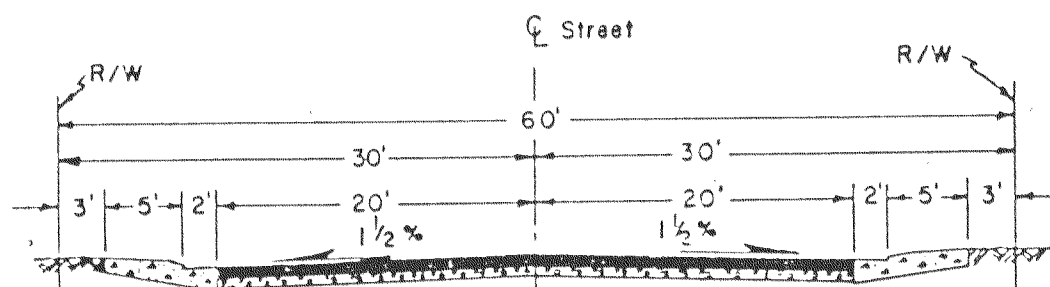
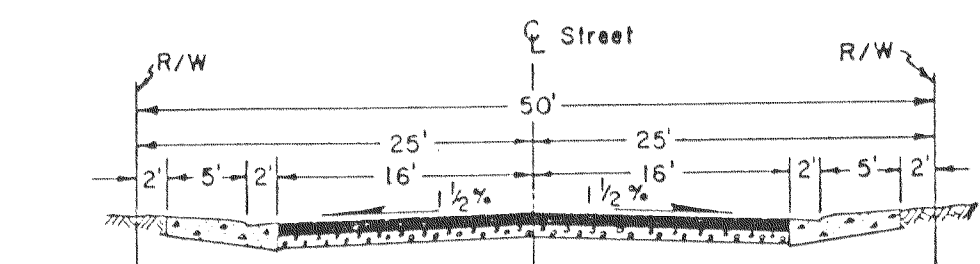
NOTES:

1. Barricade to be as wide as street R/W
2. Barricade to be painted white using 2 coats of "Exterior Alkyd Resin Hi-Gloss Enamel" over a compatible primer.
3. At intersections, a 27' radius for 50' and 60' R/W streets at the face of the curb shall be provided.

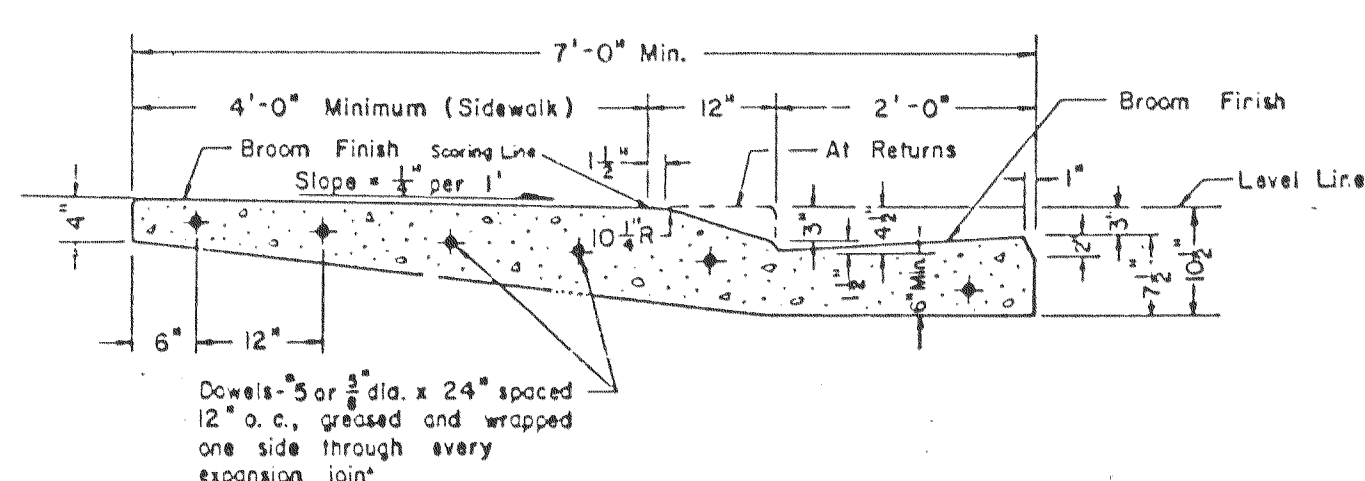
TYPICAL BARRICADE

NOTES:

1. The structural section shall be 2 1/2" AC over 6" natural ground compacted to 95% R.C.
2. T.I. = 5.0 R-VALUE = 72
3. At intersections, a 27' radius for 50' and 60' R/W streets at the face of the curb shall be provided.



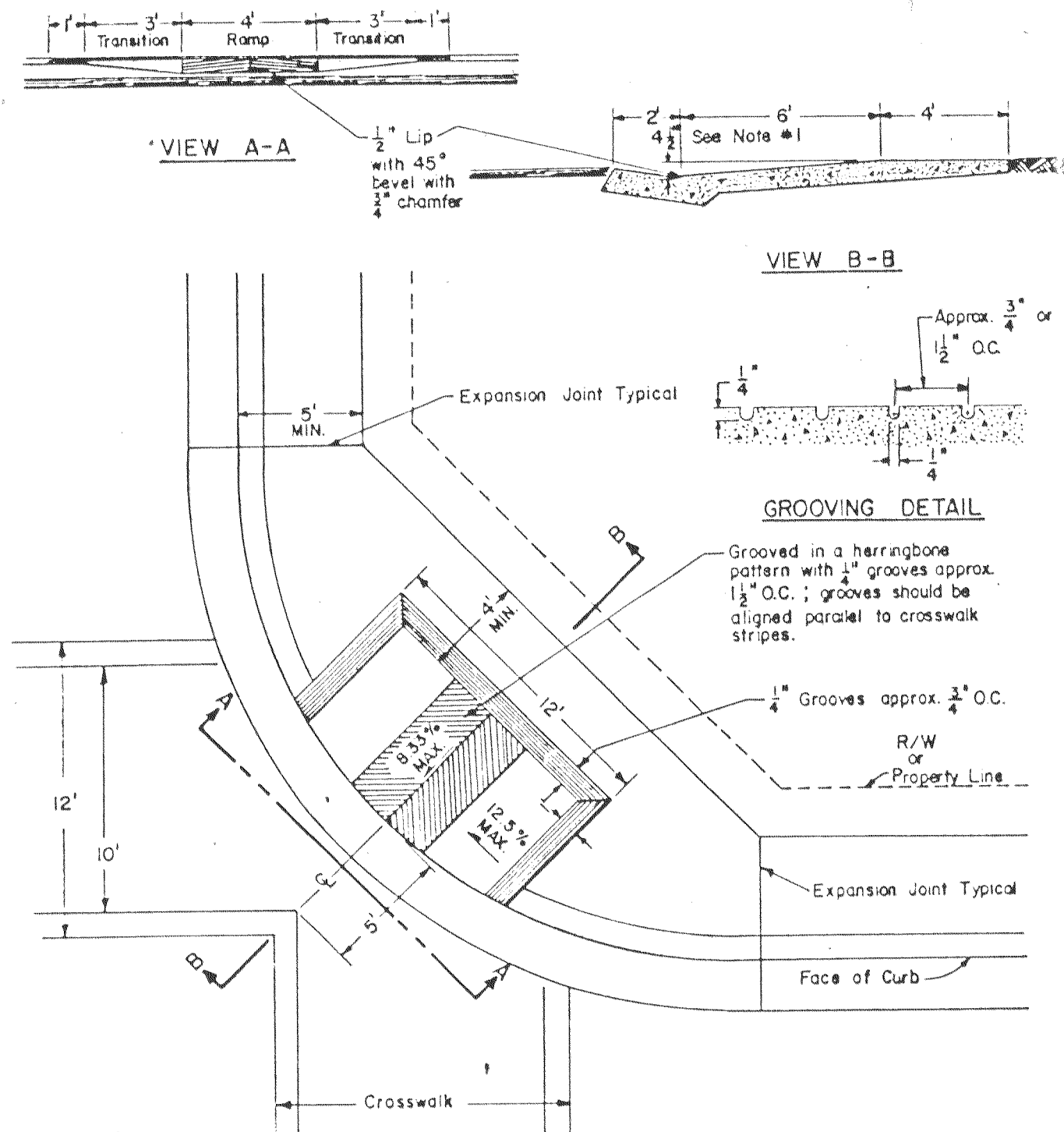
TYPICAL SUBDIVISION STREET



MONOLITHIC BEVEL TYPE
CURB, GUTTER & SIDEWALK

NOTES:

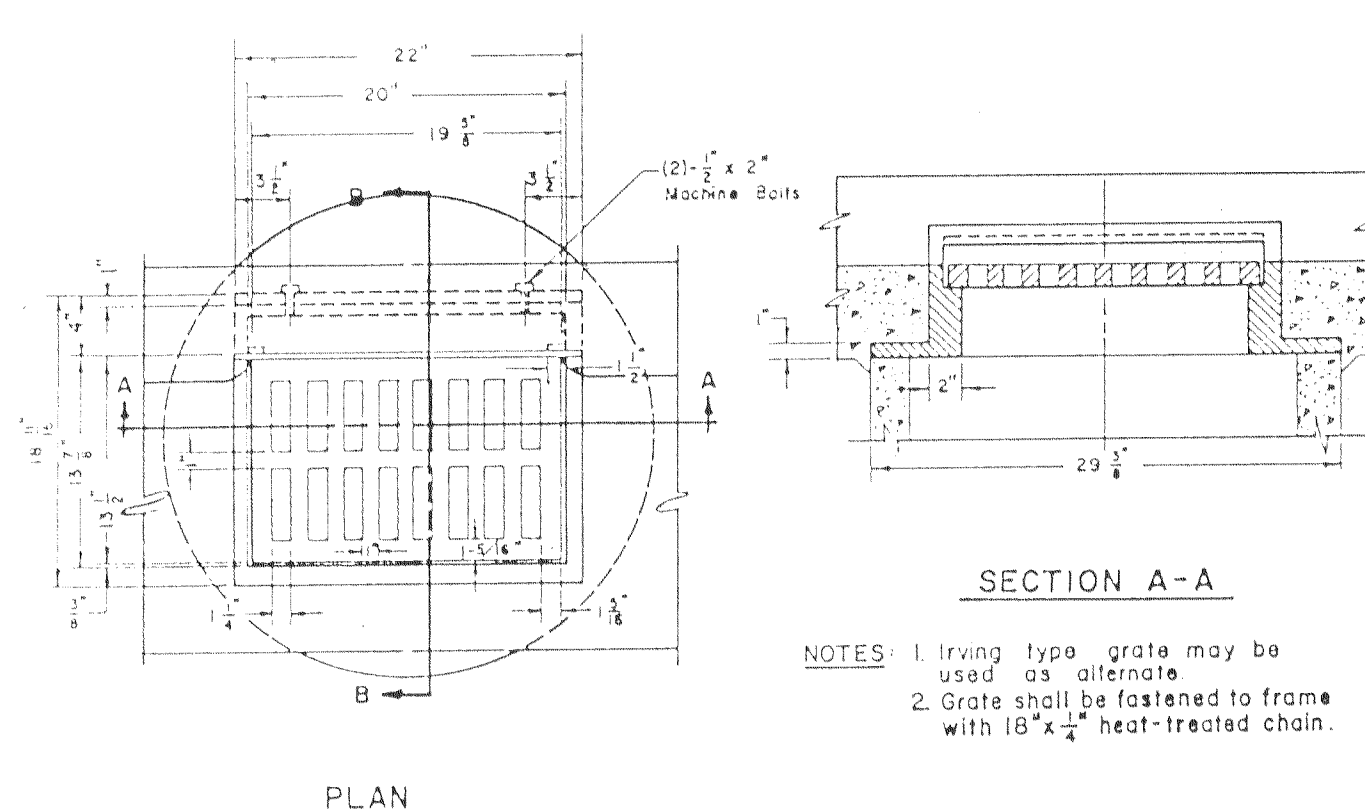
1. Construct expansion joints @ 200' maximum and at returns, around light poles, hydrants and other fixed objects of sidewalk.
2. Transverse weakened plane joints shall be constructed @ 12' maximum intervals.



NOTES:

1. 6" Ramp for 4 1/2" curb height and 2% sidewalk slope. For 6" curb height either use 8" ramp or transition curb height to 4 1/2" from expansion joint to beginning of ramp.
2. Catch basins and other obstructions are not to be located within the wheelchair path area.
3. See Curb, Gutter & Sidewalk Details.

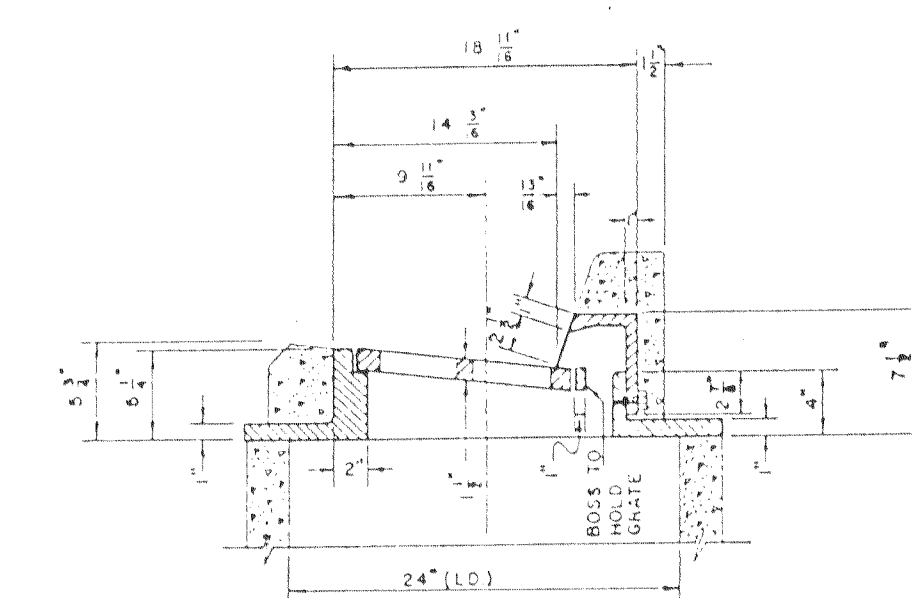
WHEELCHAIR RAMP



SECTION A-A

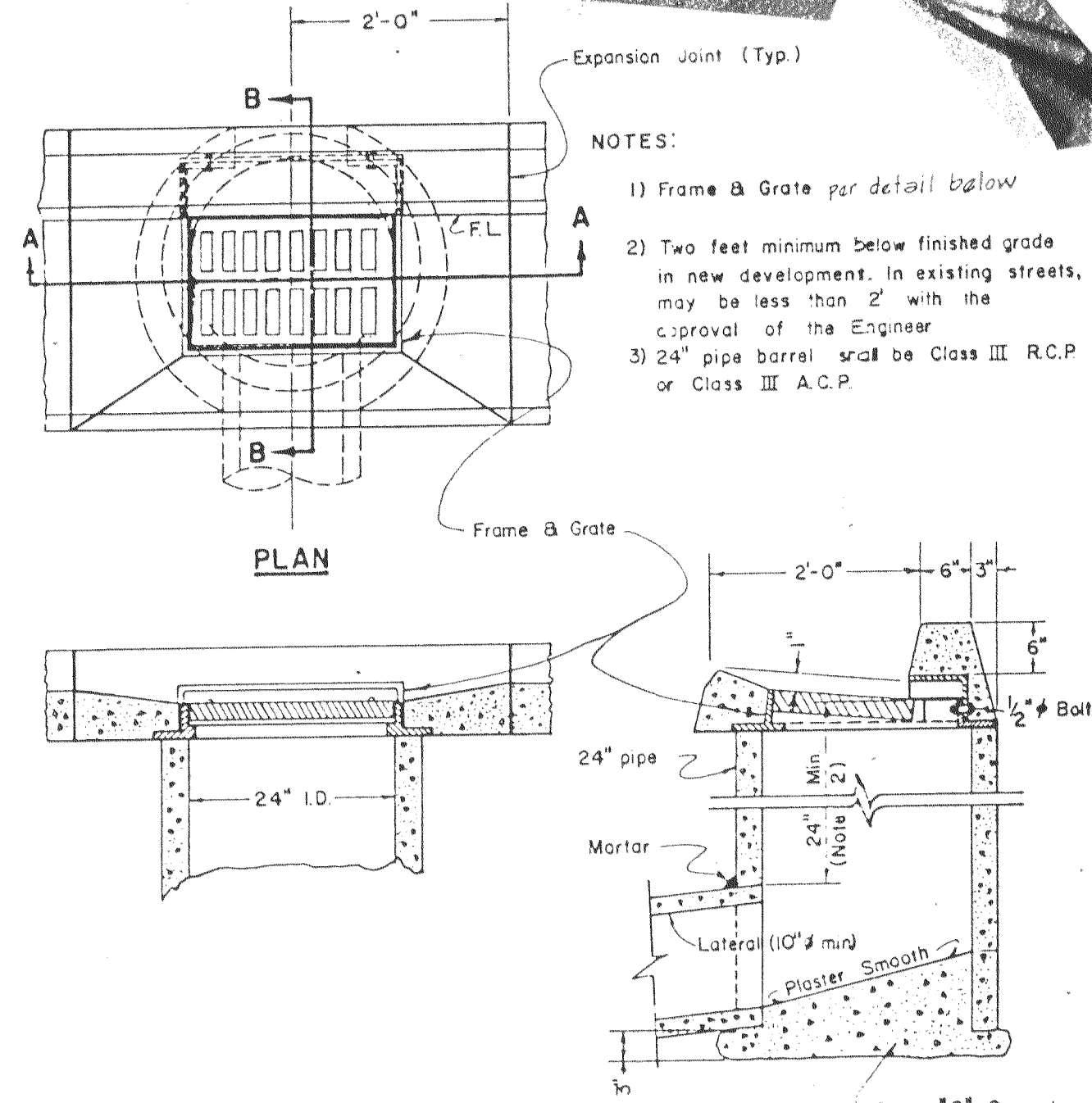
- NOTES:
1. Irving type grate may be used as alternate.
 2. Grate shall be fastened to frame with 18" x 1/2" heat-treated chain.

PLAN



SECTION B-B

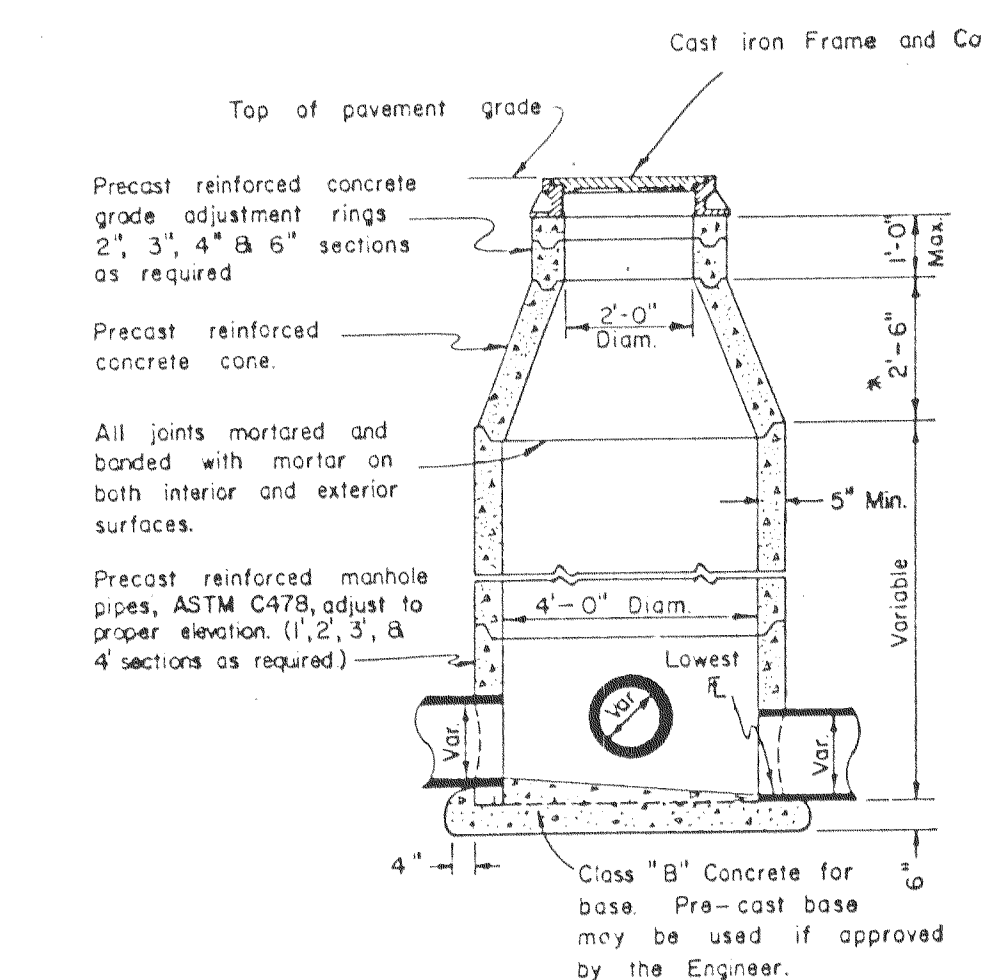
CATCH BASIN FRAME & GRATE



SECTION A-A

SECTION B-B

STORM DRAIN INLET



ELEVATION
STORM SEWER MANHOLE

- *NOTE: A 1'-6" concrete cone may be used if approved by the Engineer.

APPROVED _____ 19____

APPROVED _____ 19____

REVISIONS			
NO.	DESCRIPTION	DATE	BY



WONG ENGINEERS, INC.
PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA

R.C.E. NO. 14269

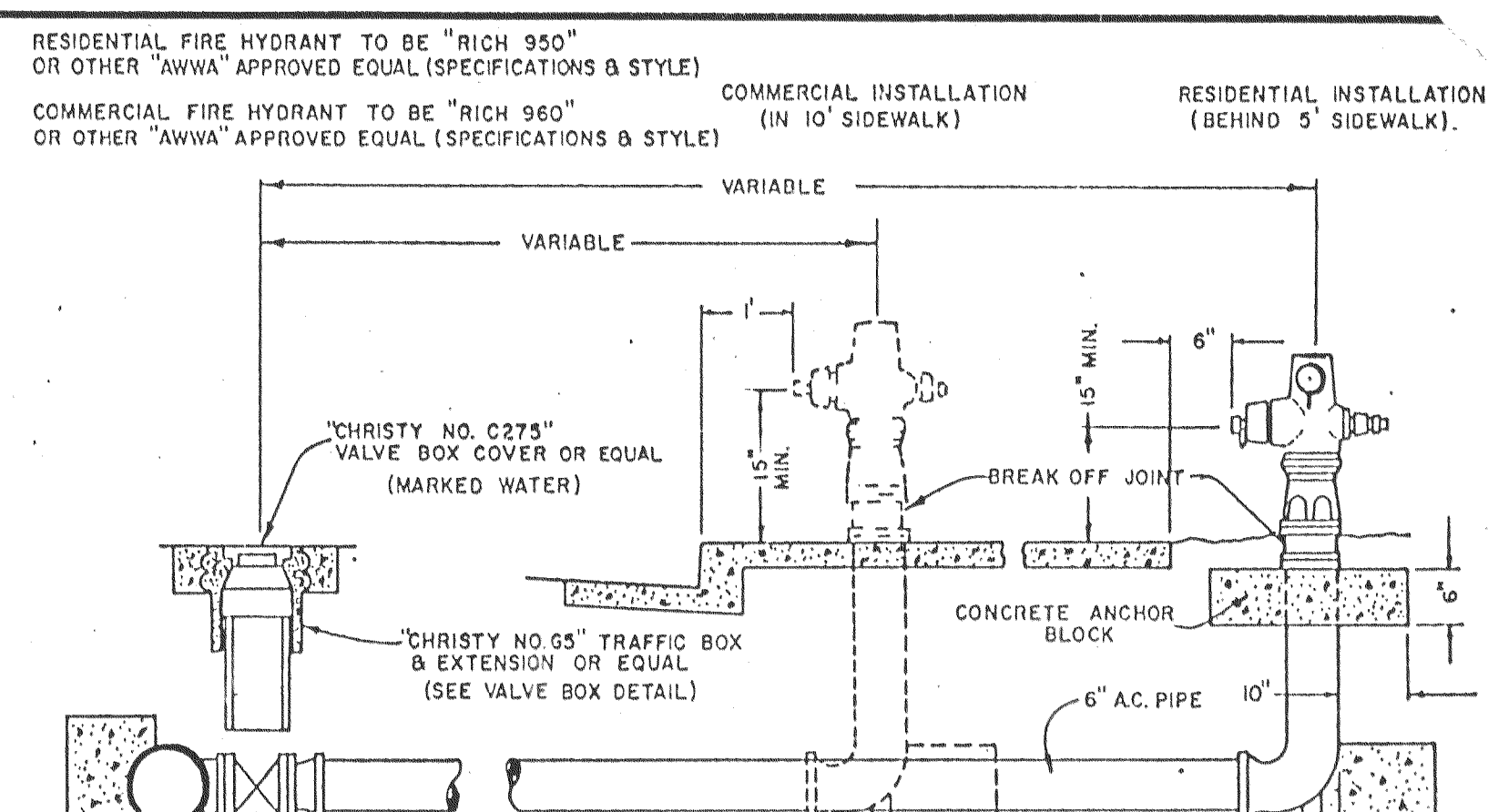
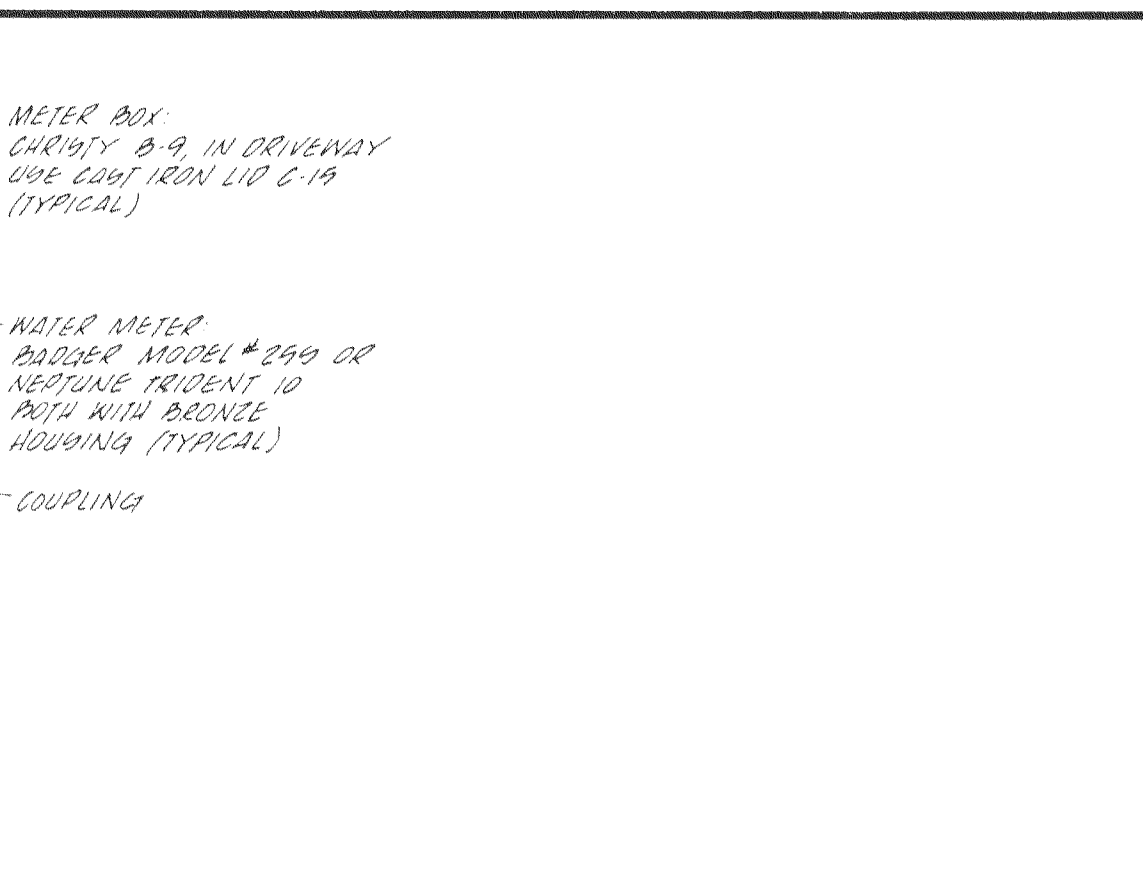
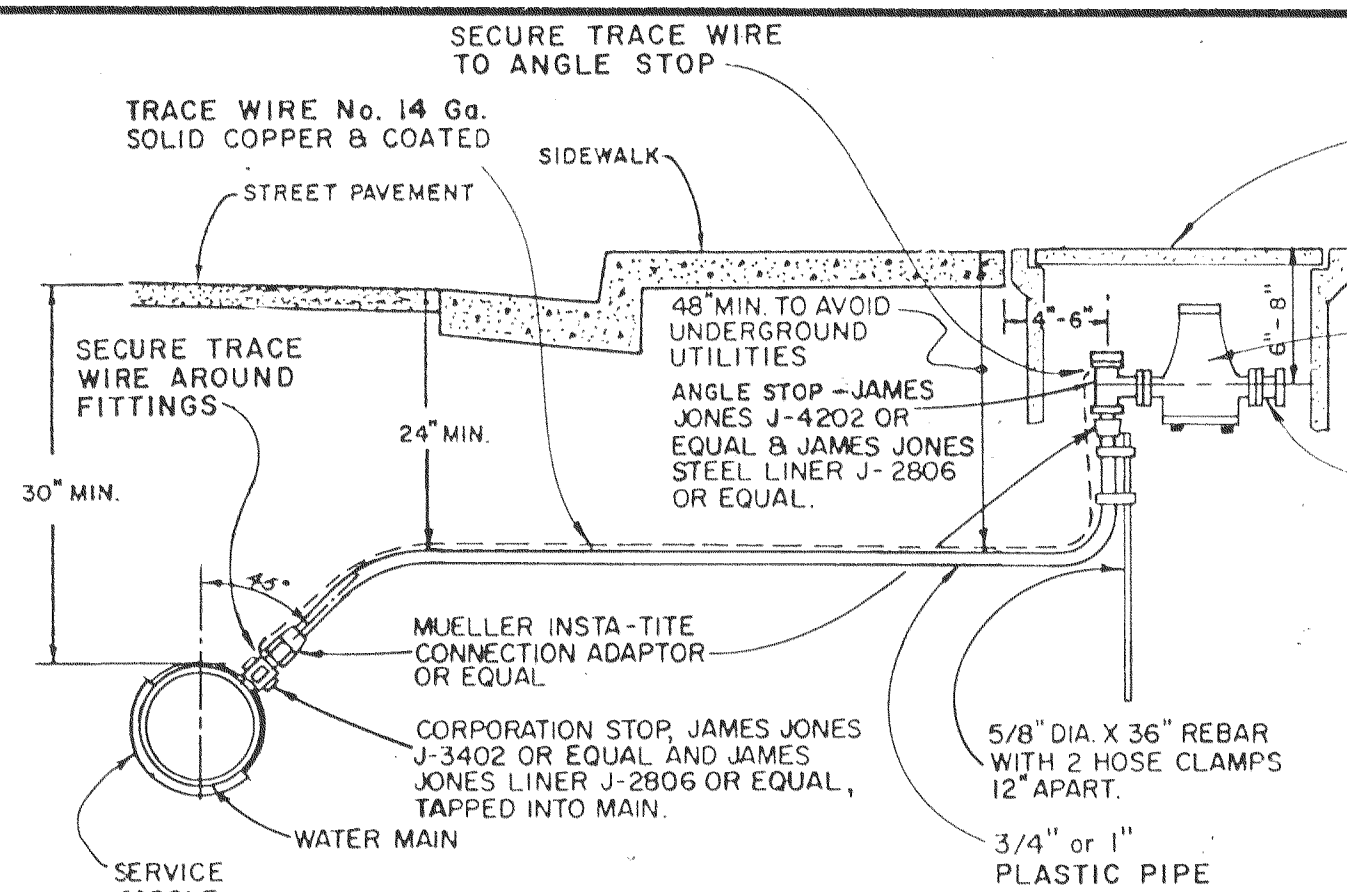
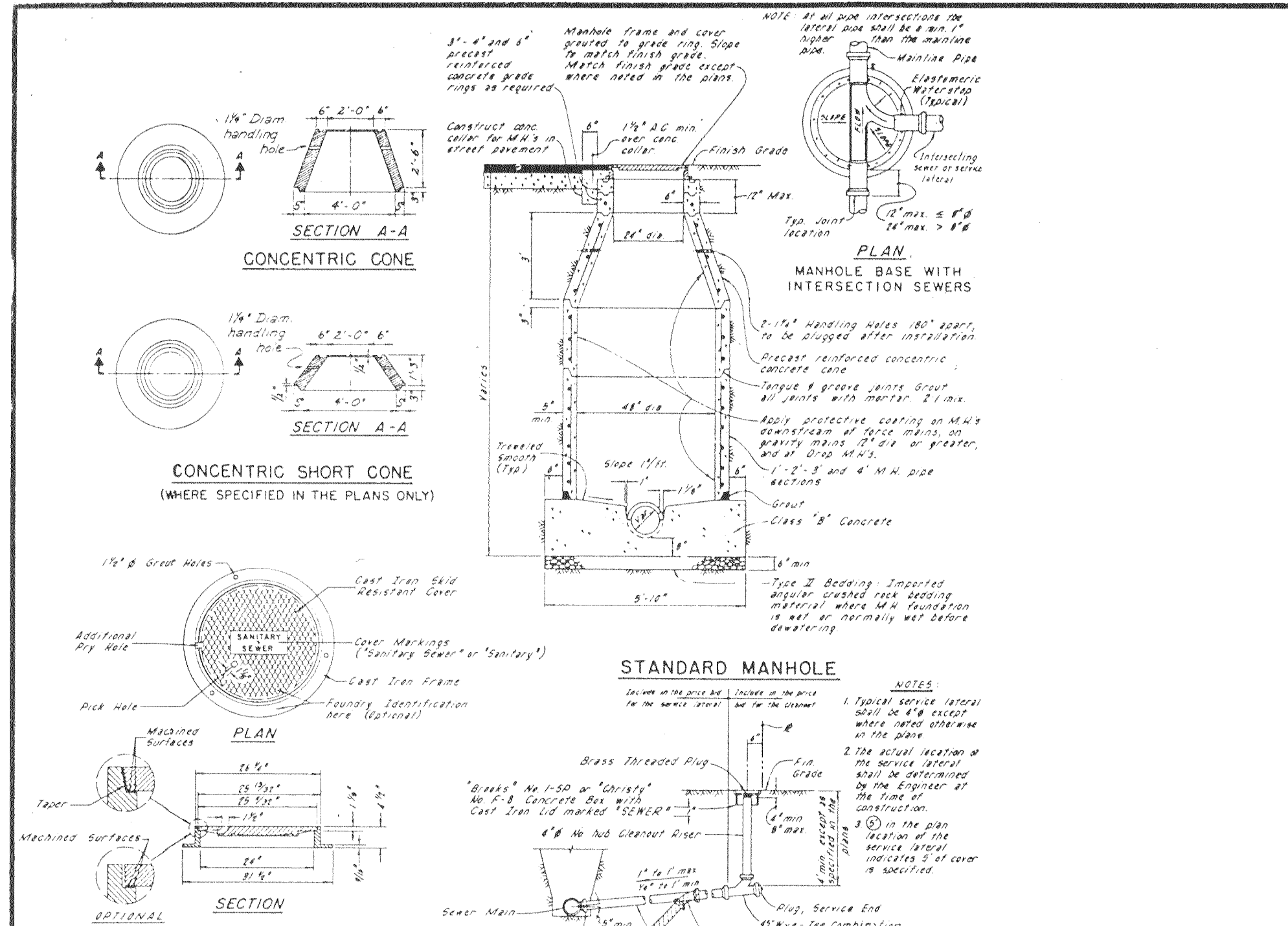
JOB NO. 2376
DATE JULY 1987
SCALE HORIZ
SCALE VERT
DRAWN
DESIGN
CHECK

LATHROP VILLAGE HOMES UNIT NO. 14

LATHROP CALIFORNIA

DETAIL SHEET

SHEET
5
OF
5
FILE

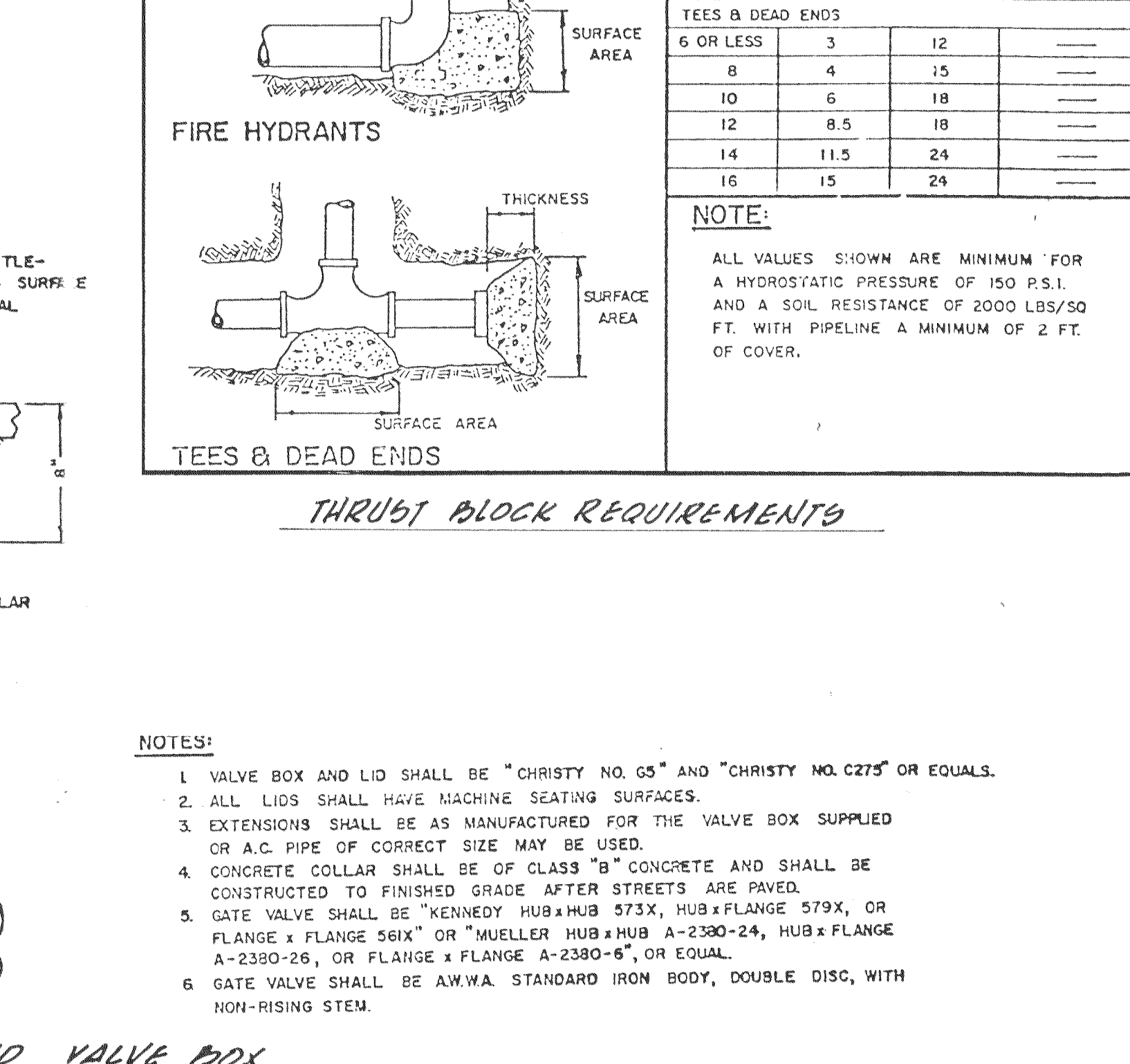
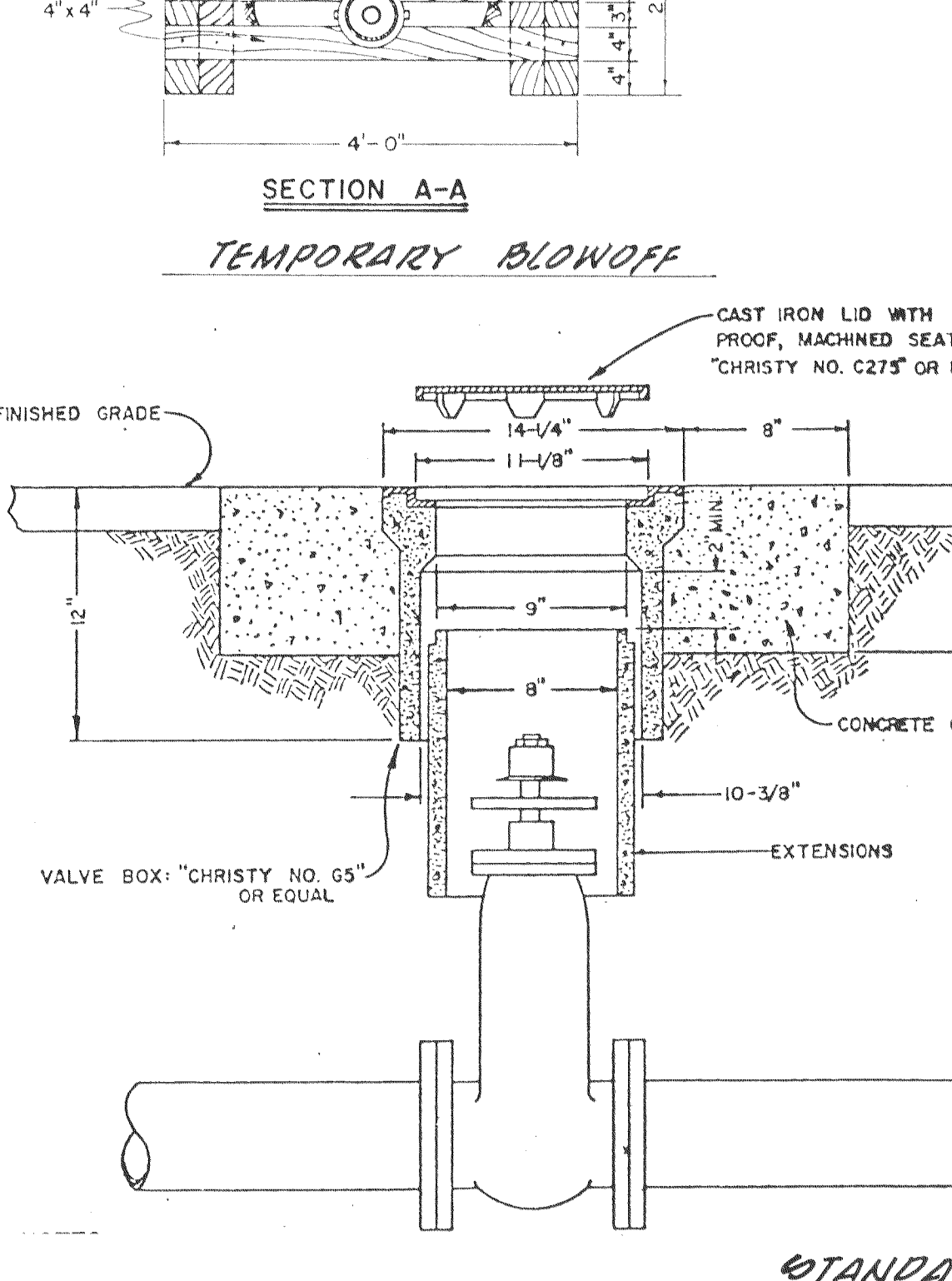
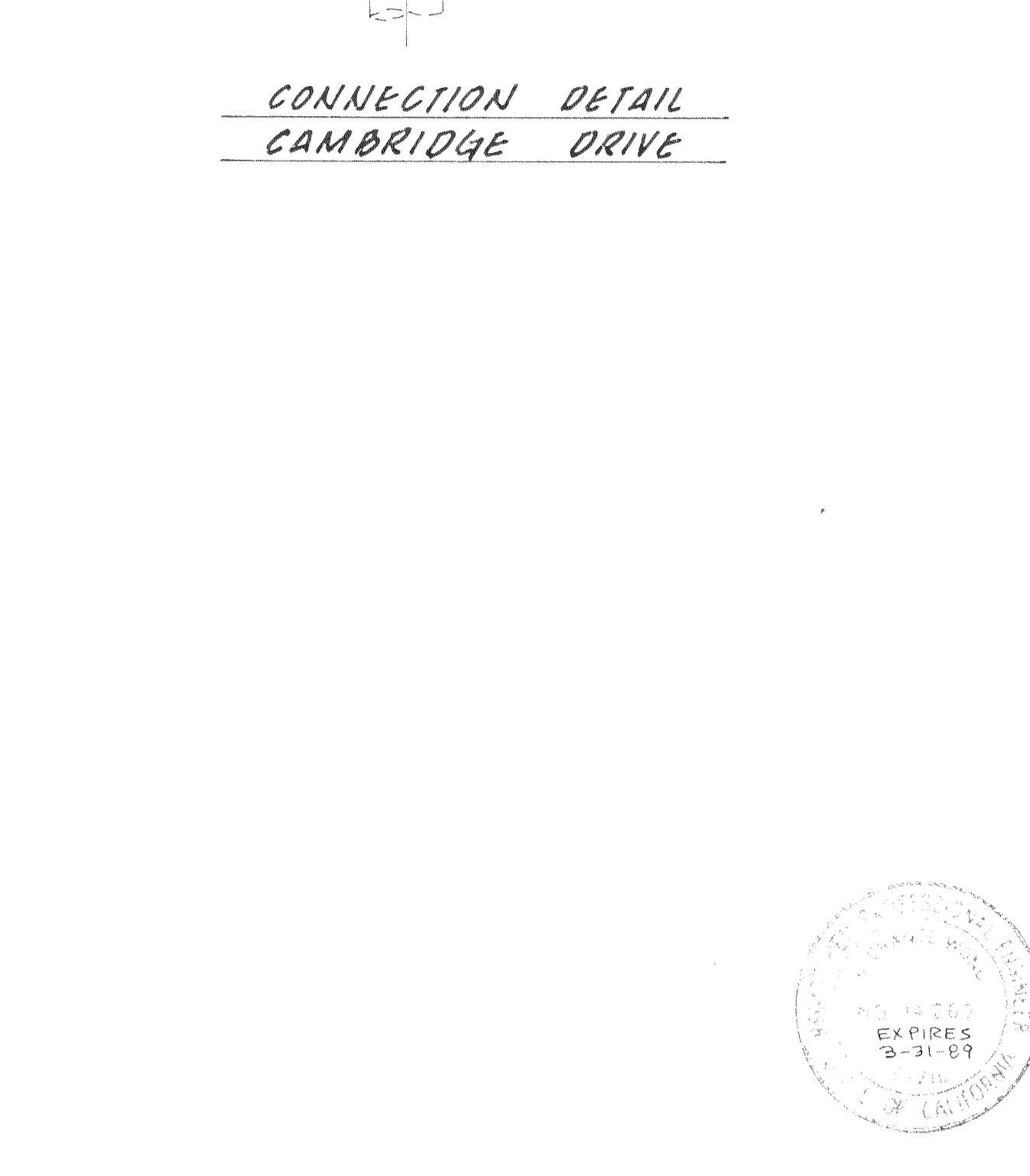
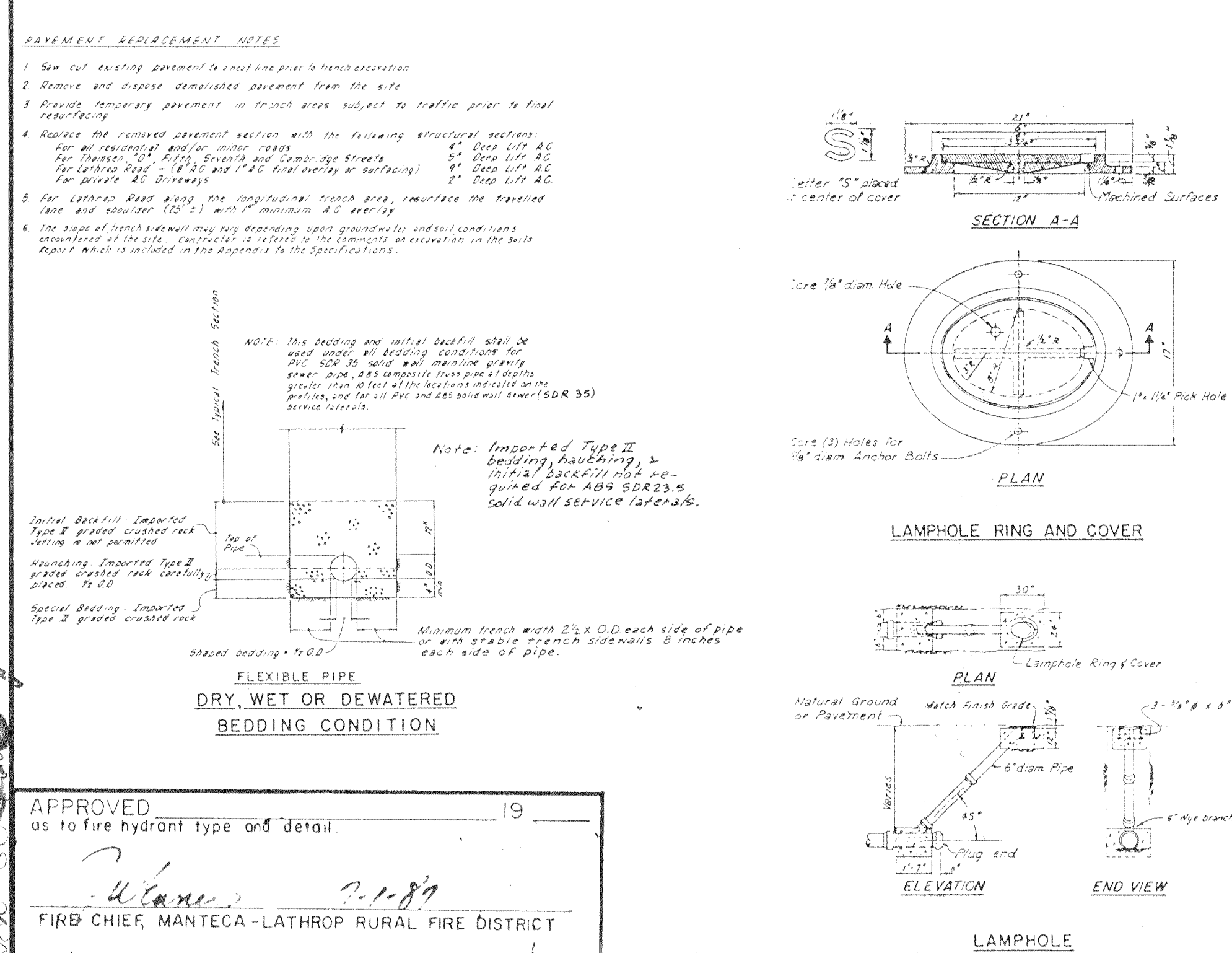
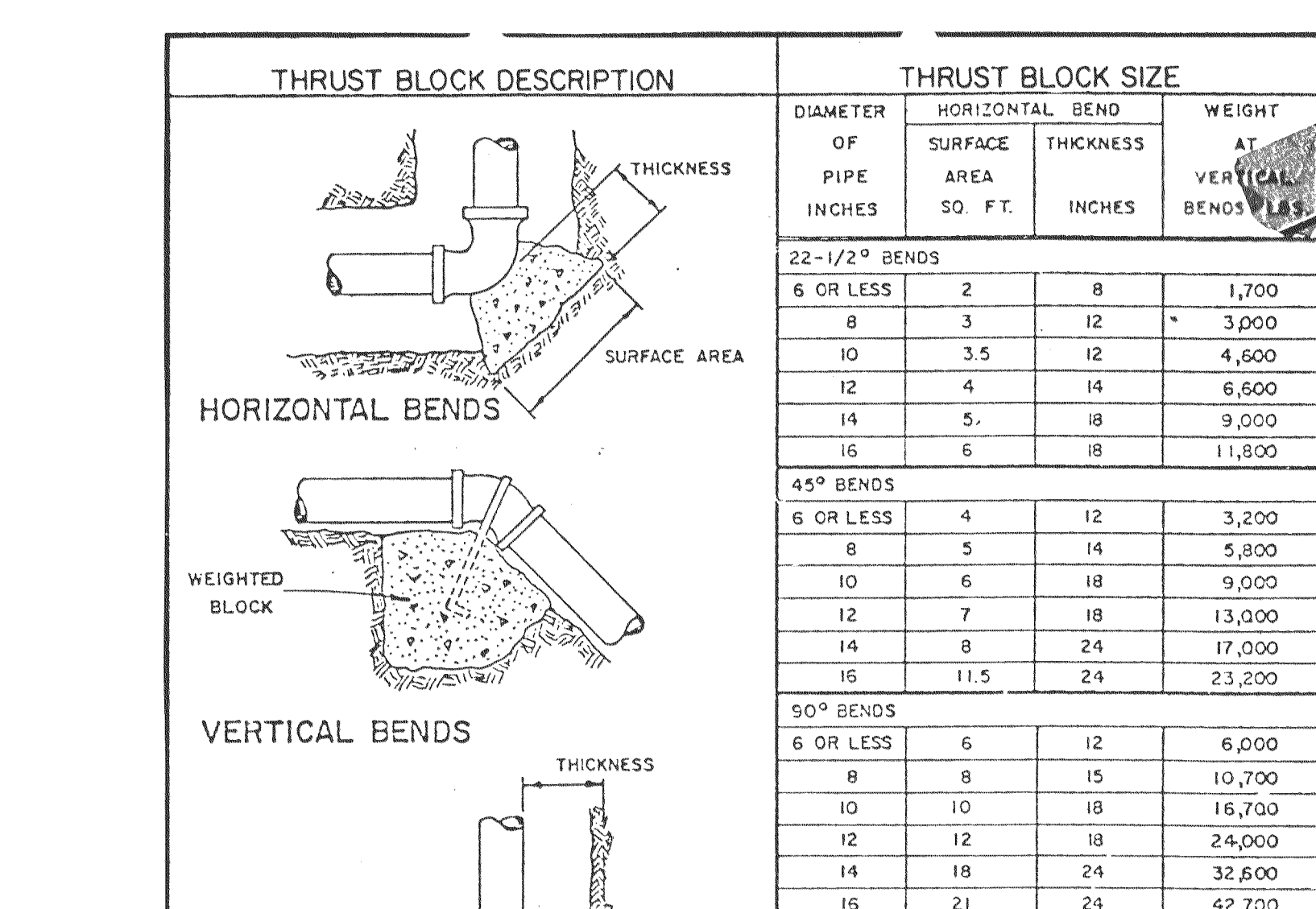
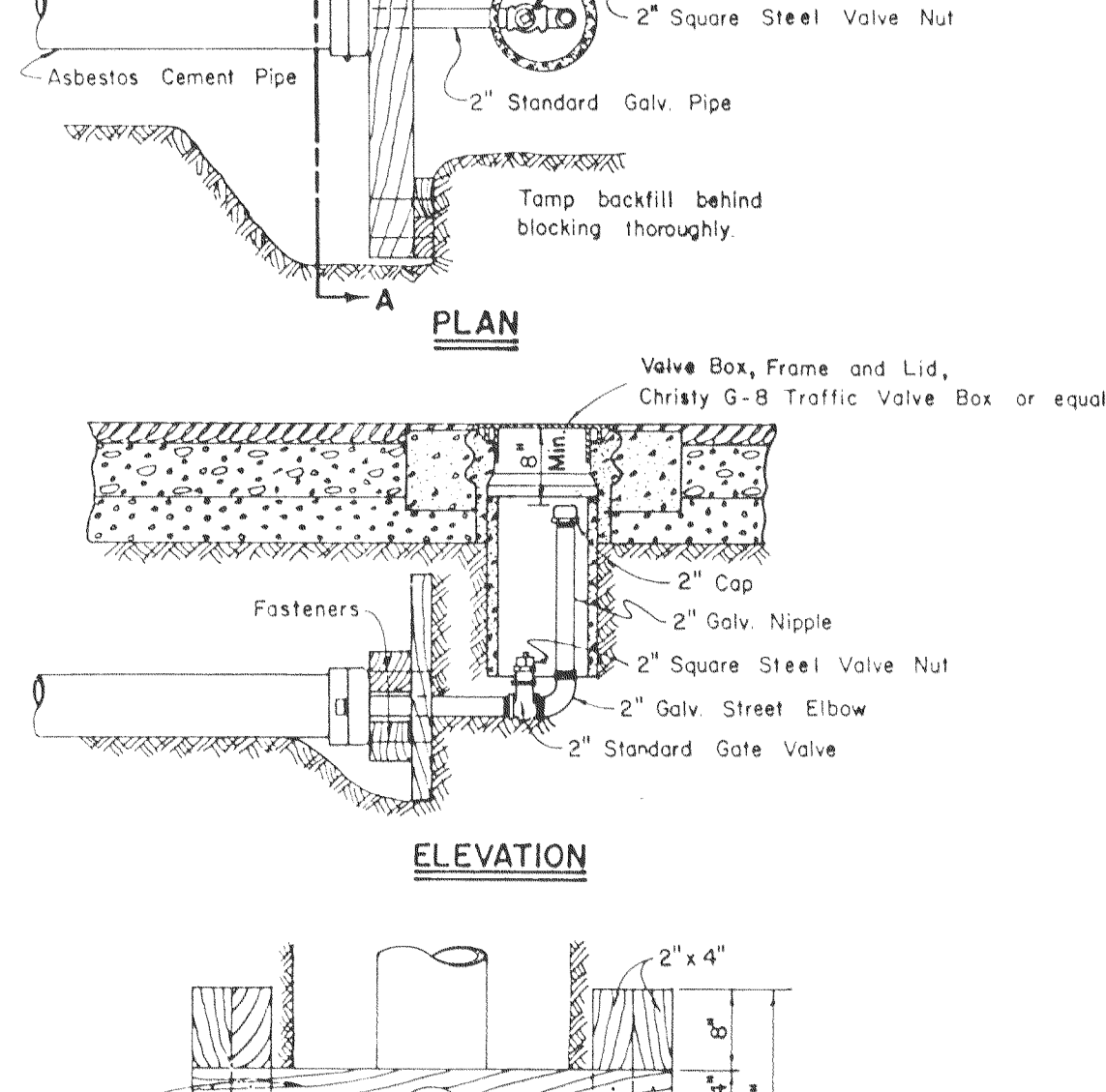
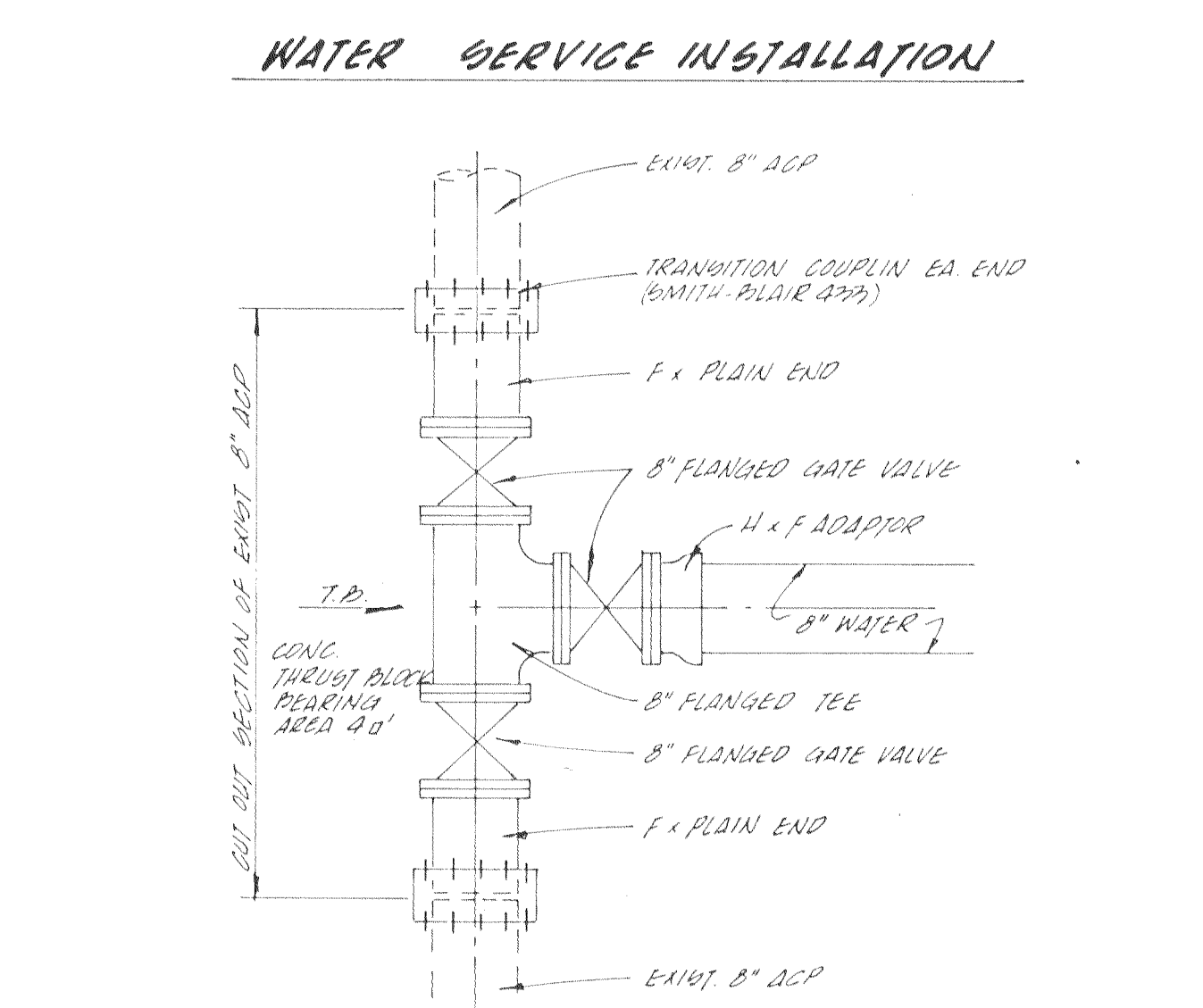
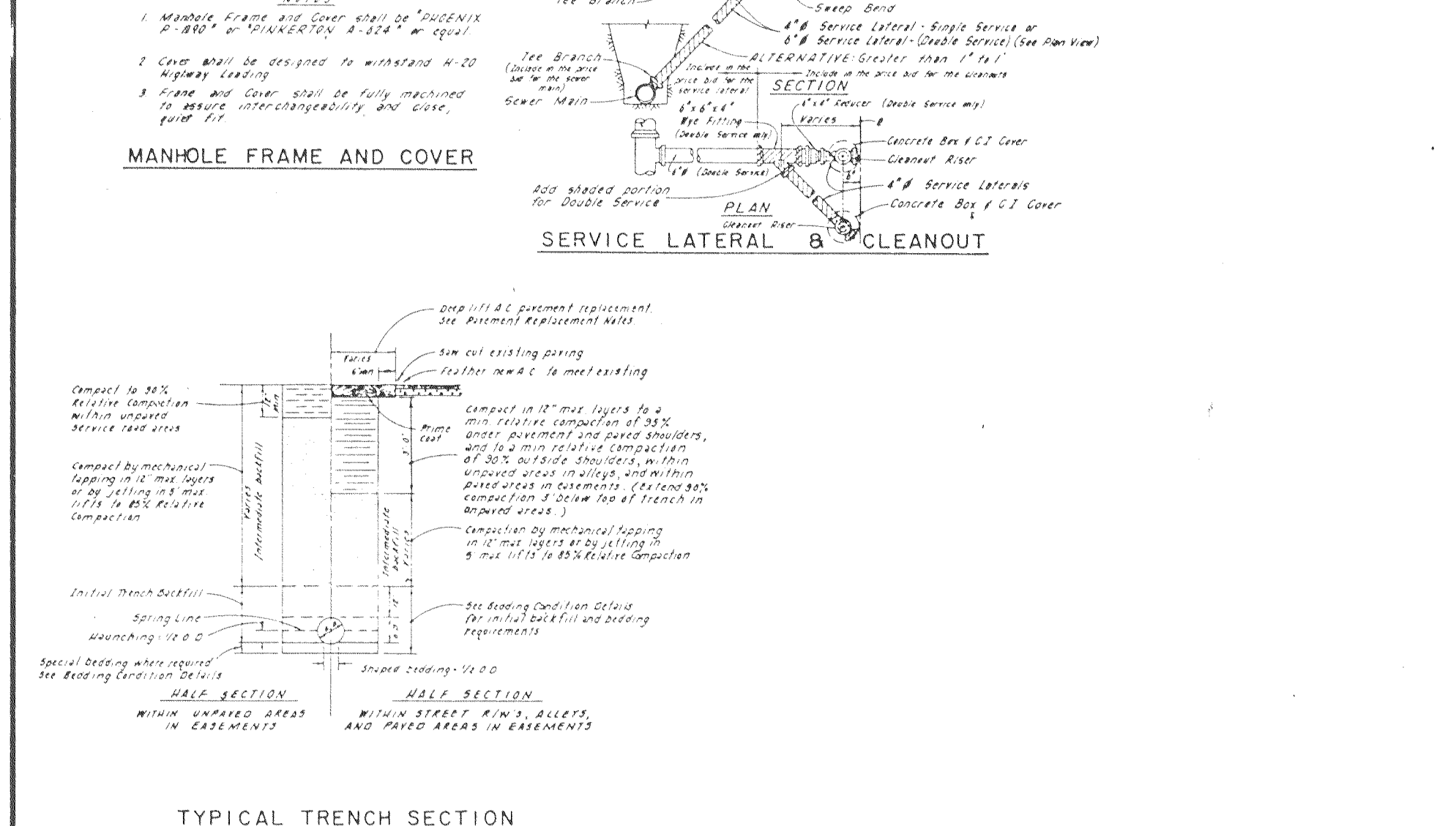


THRUST BLOCK DESCRIPTION

THRUST BLOCK SIZE

DIAMETER OF PIPE INCHES	HORIZONTAL BEND AT 90°	THICKNESS INCHES	WEIGHT AT 90° BEND LBS.
22-1/2" BENDS			
6 OR LESS	2	8	1,700
8	3	12	3,000
10	3.5	12	4,600
12	4	14	6,600
14	5	18	9,000
16	6	18	11,800
45° BENDS			
6 OR LESS	4	12	3,200
8	5	14	5,800
10	6	18	9,000
12	7	18	13,000
14	8	24	17,000
16	11.5	24	23,200
90° BENDS			
6 OR LESS	6	12	6,000
8	8	15	10,700
10	10	18	16,700
12	12	18	24,000
14	18	24	32,600
16	21	24	42,700
TEES & DEAD ENDS			
6 OR LESS	3	12	---
8	4	15	---
10	6	18	---
12	8.5	18	---
14	11.5	24	---
16	15	24	---

NOTE:
ALL VALUES SHOWN ARE MINIMUM FOR A HYDROSTATIC PRESSURE OF 150 P.S.I. AND A SOIL RESISTANCE OF 2000 LBS/50 FT. WITH PIPELINE A MINIMUM OF 2 FT. OF COVER.



APPROVED _____ **19** _____

APPROVED _____ **19** _____

REVISIONS

NO.	DESCRIPTION	DATE	BY

WONG ENGINEERS, INC.
PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA

JOB NO. 2376
DATE JULY 1987
SCALE HORIZ
SCALE VERT
DRAWN
DESIGN
CHECK

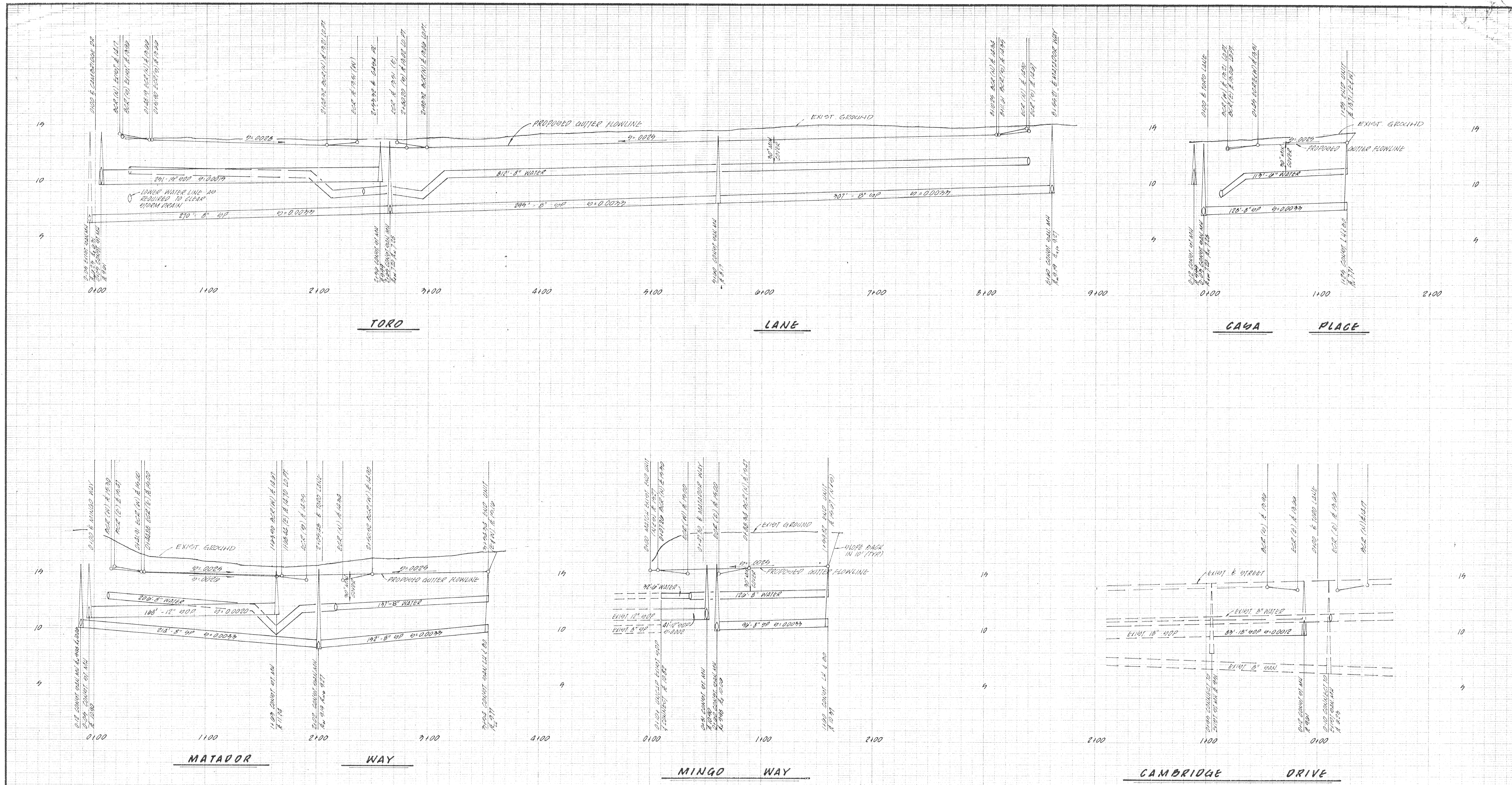
LATHROP VILLAGE HOMES UNIT NO. 14
LATHROP CALIFORNIA

DETAIL SHEET

SHEET 4 OF 5

FILE

Subdivision SC 2105



APPROVED _____ 19 ____

APPROVED Sept. 17, 19 87

Roy Castiel
LATHROP COUNTY WATER DISTRICT

REVISIONS			
NO.	DESCRIPTION	DATE	BY

WONG ENGINEERS, INC.
PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA

B. Chame Wong
R.C.E. NO. 14269

JOB NO. 2376
DATE JUNE 1987
SCALE HORIZ 1" = 40'
SCALE VERT 1" = 4'
DRAWN WE
DESIGN WE
CHECK WE

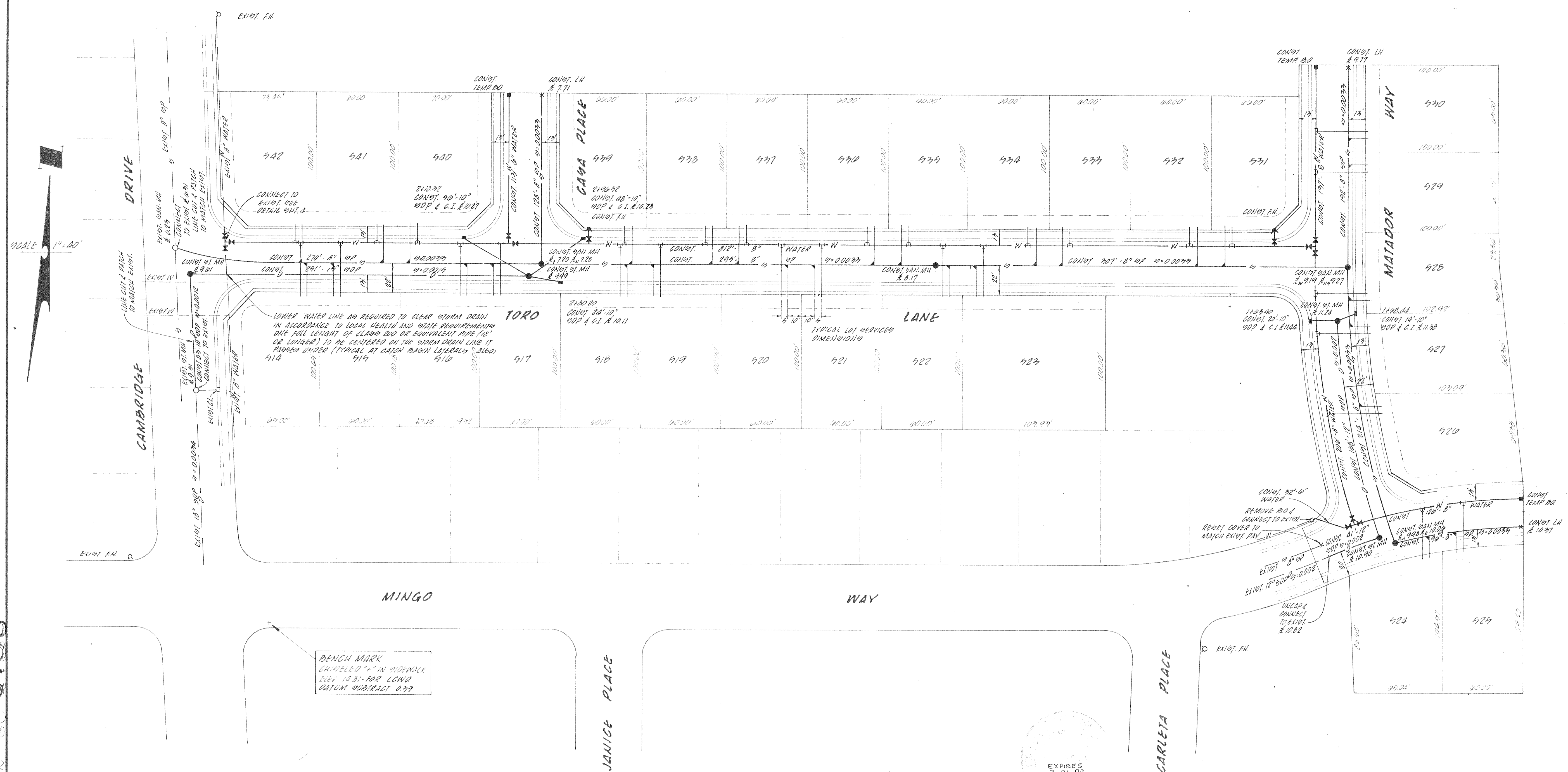
LATHROP VILLAGE HOMES UNIT NO. 14
MANTeca CALIFORNIA

PROFILE SHEET

SHEET 3 OF 5
FILE

- LEGEND**
- BO BLOW OFF
 - FH FIRE HYDRANT
 - CI CURB INLET
 - LH LAMP HOLE
 - MH MANHOLE
 - SDP SLOPE DRAIN PIPE CONTRACTOR'S OPTION: ① REINFORCED CONCRETE PIPE, RUMBLE GASKETED, ASTM A-76, CLASS II, ② PVC GRAVITY
 - SDP SLOPE DRAIN PIPE, ASTM D-2921, UNF-B-9
 - SDP SLOPE DRAIN PIPE
 - N WATER PIPE
 - WATER SERVICE
 - FIRE HYDRANT W/ VALVE & FITTINGS
 - WATER LINE VALVE
 - BLOW OFF
 - SEWER LATERAL
 - LAMP HOLE
 - MANHOLE
 - CURB INLET

NOTE: SANITARY SEWER AND DOMESTIC WATER MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS AND STANDARD DRAWINGS ADOPTED BY THE LATHROP COUNTY WATER DISTRICT.



SUBDIVISION 2106

APPROVED AS TO FIRE HYDRANT LOCATION DATE <u>7-1-87</u> <i>W. Ennis</i> MANTACA-LATHROP RURAL FIRE DISTRICT FIRE CHIEF	APPROVED <u>Sept. 17, 1987</u> <i>Roy Castiel</i> LATHROP COUNTY WATER DISTRICT	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS			NO.	DESCRIPTION	DATE BY				 WONG ENGINEERS, INC. PLANNING • ENGINEERING • SURVEYING STOCKTON, CALIFORNIA <i>Wong</i> R.C.E. NO. 14269	JOB NO. 2376 DATE JUNE 1987 SCALE HORIZ 1" = 40' SCALE VERT DRAWN DESIGN WE CHECK	LATHROP VILLAGE HOMES UNIT NO. 14 LATHROP CALIFORNIA UNDERGROUND IMPROVEMENT PLANS	SHEET 2 OF 5 FILE
REVISIONS															
NO.	DESCRIPTION	DATE BY													

SHEET INDEX

SHEET 1 STREET IMPROVEMENT AND GRADING PLAN
 SHEET 2 UNDERGROUND IMPROVEMENT PLAN
 SHEET 3 PROFILE SHEET
 SHEET 4 DETAIL SHEET
 SHEET 5 DETAIL SHEET

LEGEND

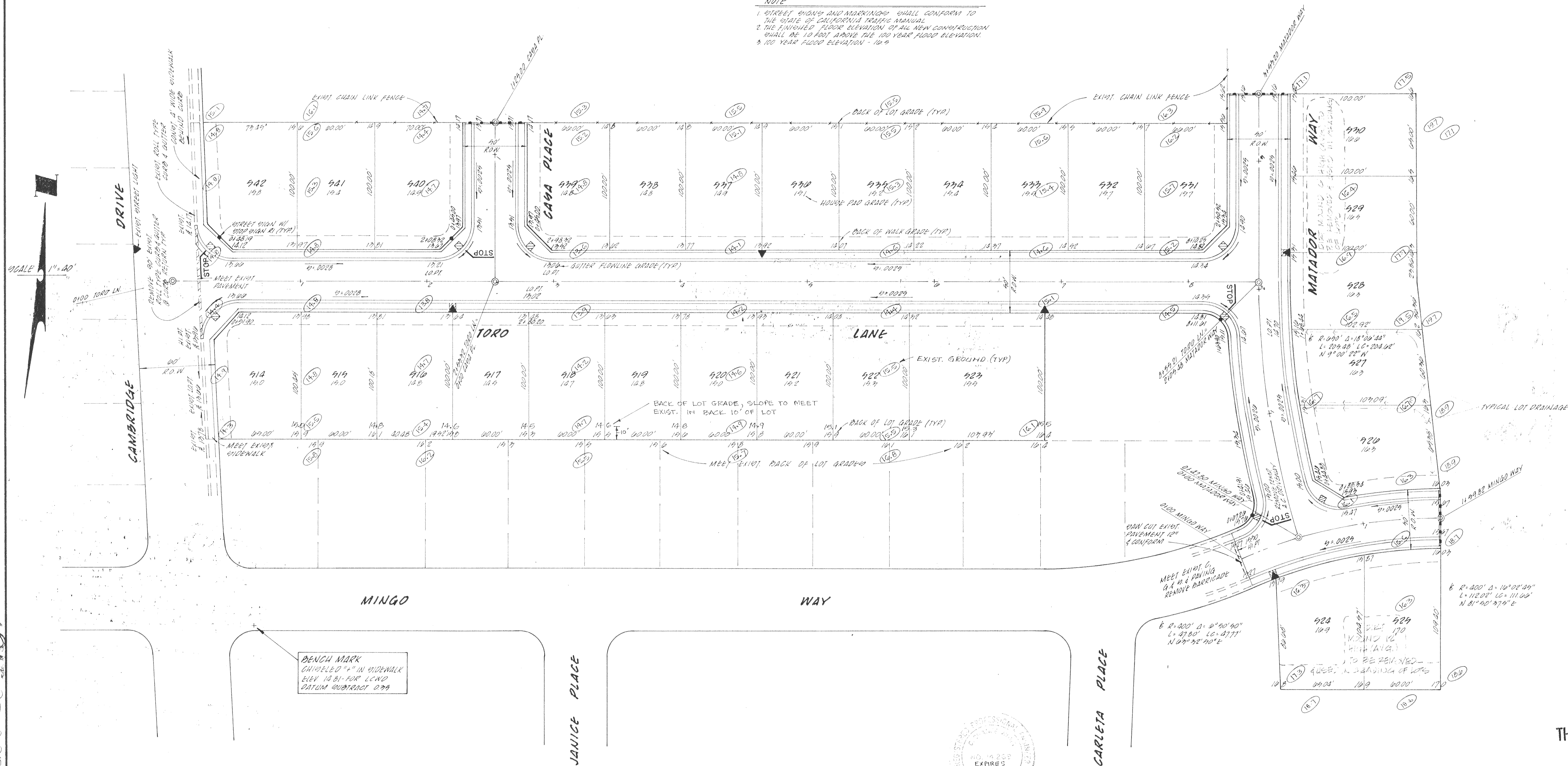
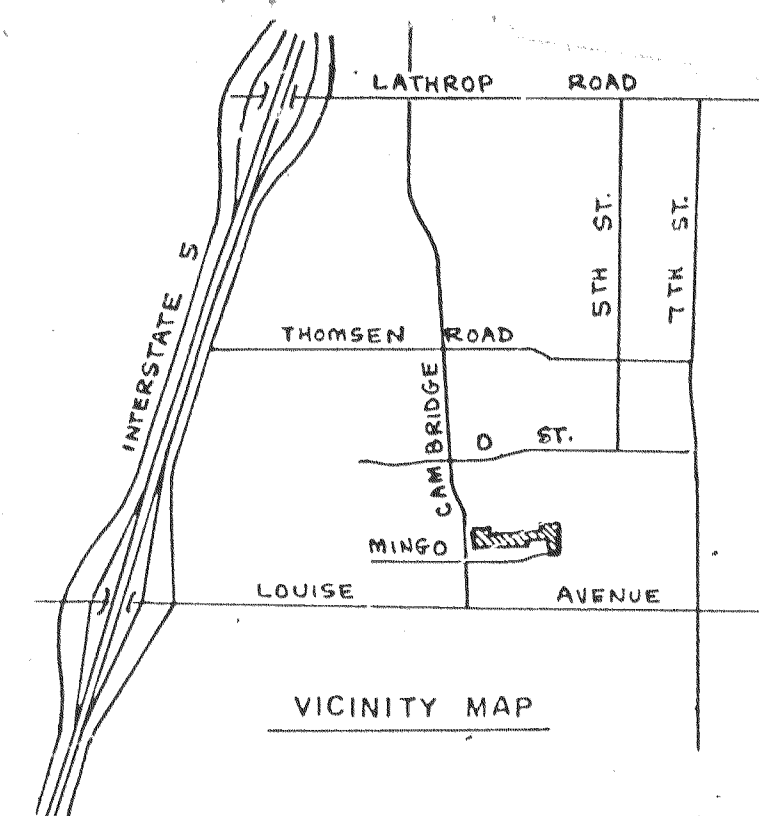
STREET LIGHT LOCATION - 11 P.O.V. LAMP PER PAGE REQUIREMENT
 STREET SIGN - SEE DETAIL SHEET NO. 9
 CENTERLINE MONUMENT - SEE DETAIL SHEET NO. 9
 WAREHOUSE RAMP - SEE DETAIL SHEET NO. 9
 CHARGE - SEE DETAIL SHEET NO. 9
 EXISTING GROUND ELEVATION
 BACK OF WALK GRADE
 BACK OF LOT/HOUSE PAD GRADE

DISTRICTS SUPPLYING SERVICES

WATER LATHROP COUNTY WATER DISTRICT
 SEWER LATHROP COUNTY WATER DISTRICT
 LIGHTING LATHROP LIGHTING DISTRICT
 FIRE MONTECA - LATHROP RURAL FIRE DISTRICT
 STORM COUNTY SERVICE AREA #4 ZONE A

NOTE

1. STREET SIGNS AND MARKINGS SHALL CONFORM TO THE STATE OF CALIFORNIA TRAFFIC MANUAL
 2. THE FINISHED FLOOR ELEVATION OF ALL NEW CONSTRUCTION SHALL BE 10 FEET ABOVE THE 100 YEAR FLOOD ELEVATION.
 3. 100 YEAR FLOOD ELEVATION - 10.6



THIS PRINT MADE

JAN 11 1991

SAN JOAQUIN COUNTY
DEPARTMENT OF PUBLIC WORKS

APPROVED _____ 19 ____

APPROVED *November 30* 19 *87*

Henry M. Hirata
 HENRY M. HIRATA, DIRECTOR OF PUBLIC WORKS
 SAN JOAQUIN COUNTY R.C.E. NO. 21258

NO.	REVISIONS		
	DESCRIPTION	DATE	BY



WONG ENGINEERS, INC.
 PLANNING • ENGINEERING • SURVEYING
 STOCKTON, CALIFORNIA

R.C.E. NO. 14269

JOB NO. 2376
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LATHROP VILLAGE HOMES UNIT NO. 14
 STREET IMPROVEMENT AND GRADING PLAN

LATHROP
CALIFORNIA

SHEET
 1
 OF 5
 FILE