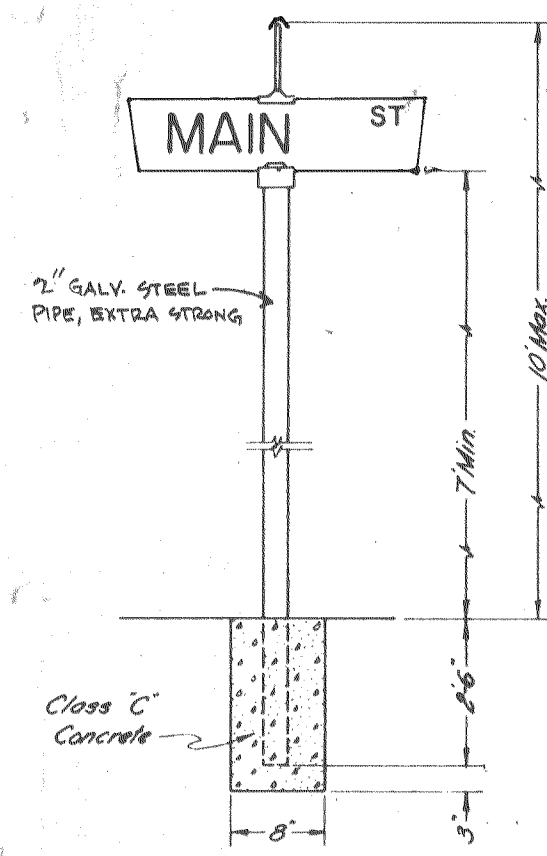
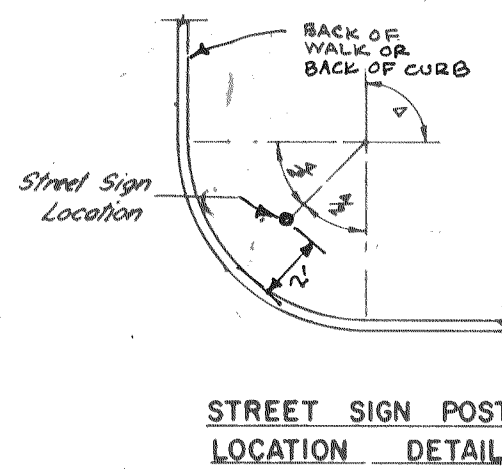
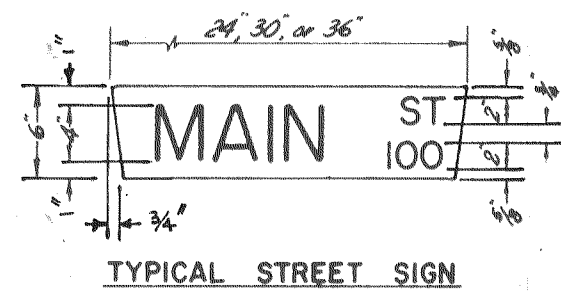




TYPICAL STREET SIGN INSTALLATION

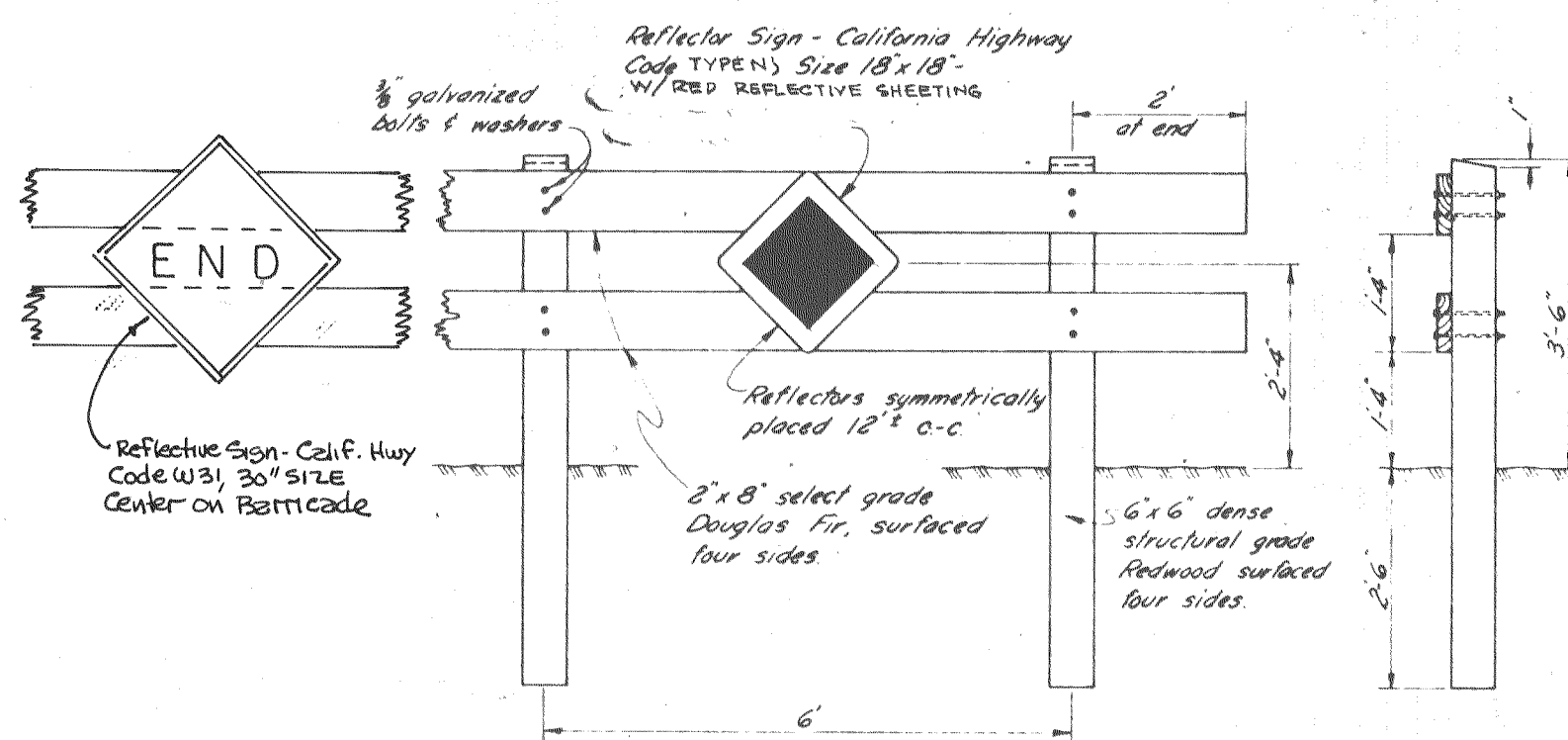


STREET SIGN POST LOCATION DETAIL



TYPICAL STREET SIGN

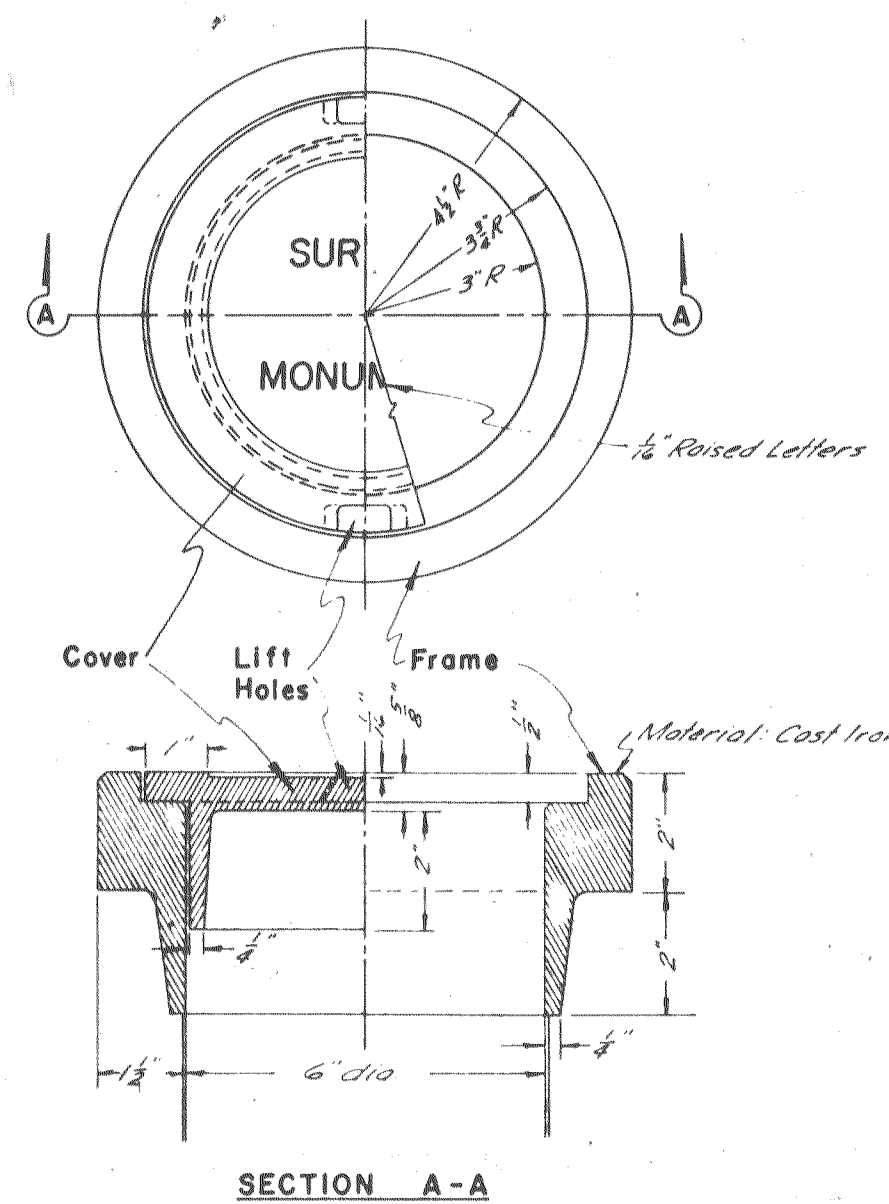
STANDARD STREET SIGN DETAILS



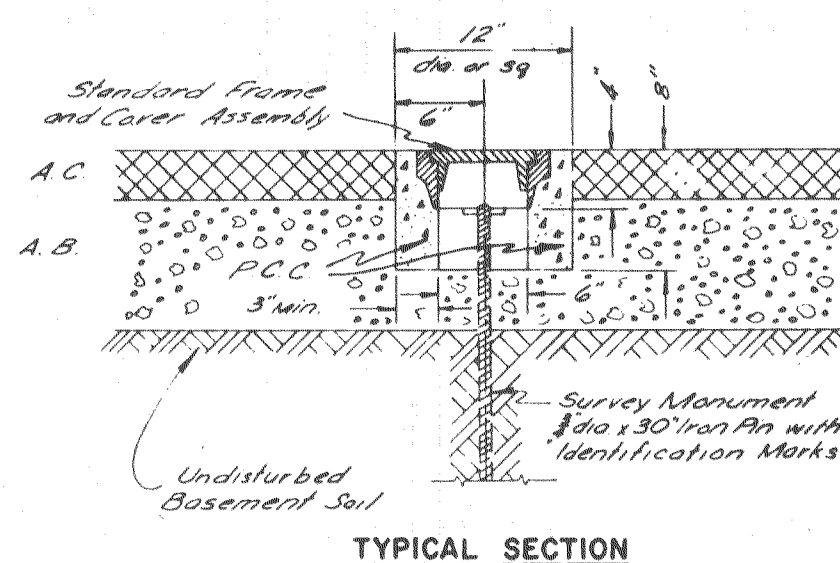
TYPE A

Notes:
Barricades to be as wide as street.
Barricades to be painted yellow using 2 coats of Exterior Alkyd Resin Hi-Gloss Enamel over a compatible primer.

BARRICADES FOR TERMINATING STREETS

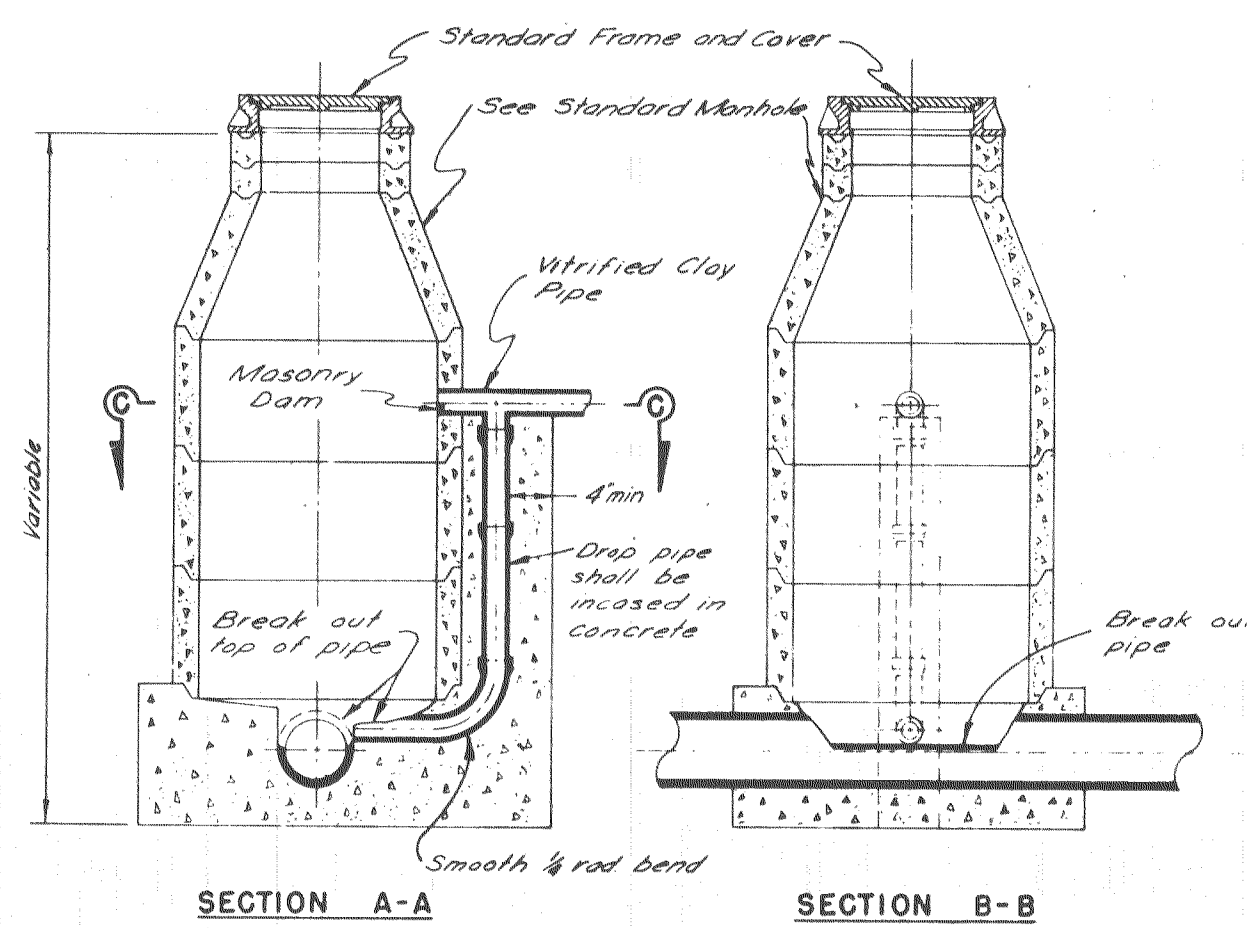


SECTION A-A



TYPICAL SECTION

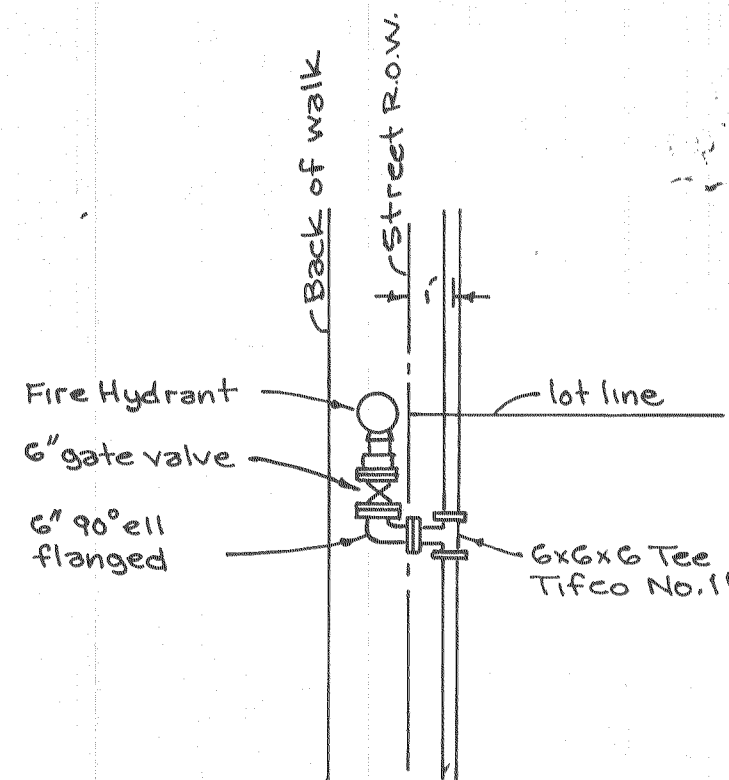
SURVEY MONUMENT FRAME AND COVER ASSEMBLY



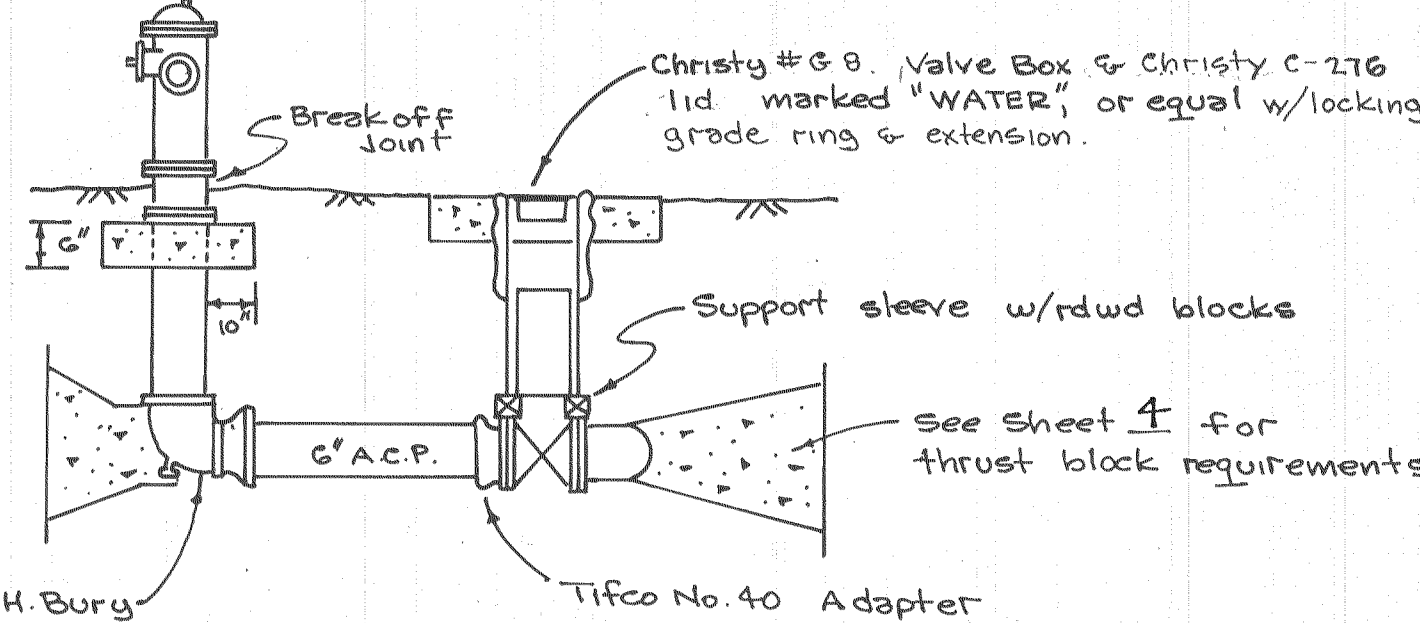
SECTION A-A

SECTION B-B

TYPICAL SANITARY SEWER DROP MANHOLE



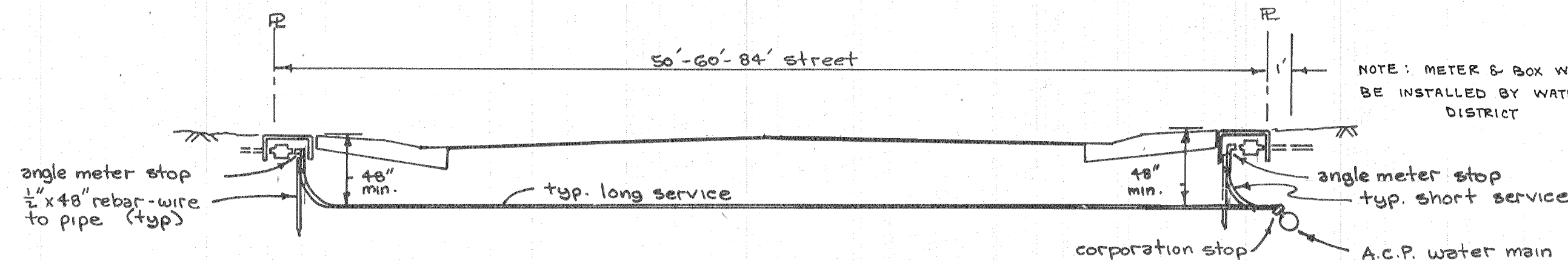
FIRE HYDRANT LAYOUT



FIRE HYDRANT & VALVE DETAIL

Fire Hydrant: Use AWWA approved hydrant w/2-2 1/2" outlets, 1-4 1/2" outlet. All outlets to have Natl. Std. threads.

Gate Valves: Shall be Mueller A-2380-G or equal meeting AWWA C-500-G1. Fire Hydrant shall be a wet barrel type.



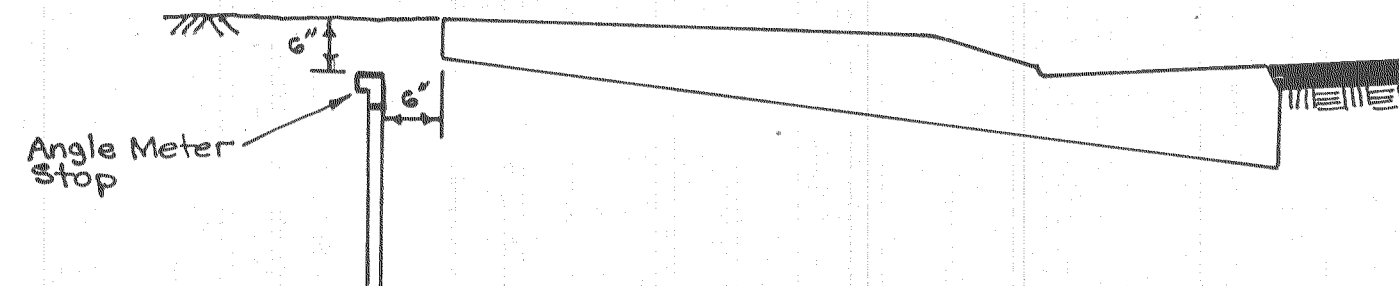
WATER SERVICE DETAILS

Plastic pipe shall be 3/4" I.D., ultra high molecular weight (UHMW) PE 3306, CS 255-G3, polyethylene as manufact. by Driscopipe, Orangeburg or approved equal, with min. press. rating of 160 p.s.i.

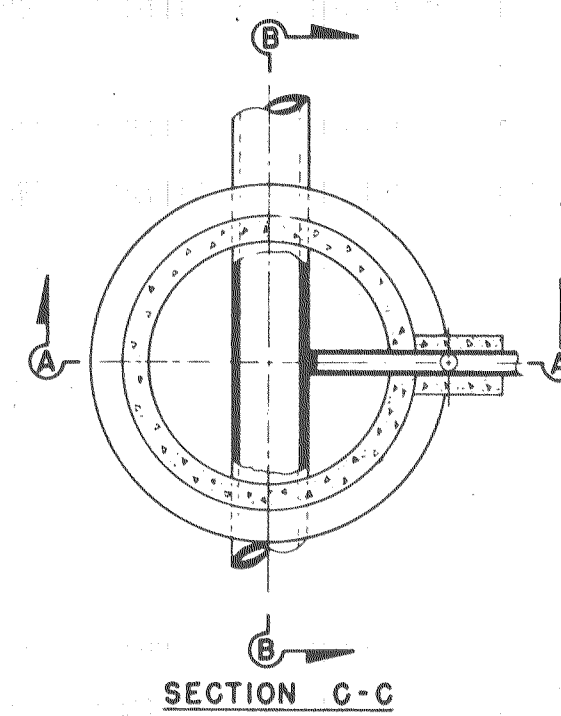
Water service shall be marked with a 2"x2"x36" redwood stake extending 6" above ground.

Corporation Stops shall be 3/4" Mueller #H-10003 & 110 compression straight coupling #H-15454 complete with stainless steel liner for 3/4" I.D. plastic pipe. Tap stop directly into 6" A.C.P. main.

Angle Meter Stops shall be 3/4" Mueller #H-14258 (w/lock nut & 110 compression connection) complete w/stainless steel liner for 3/4" I.D. plastic pipe.



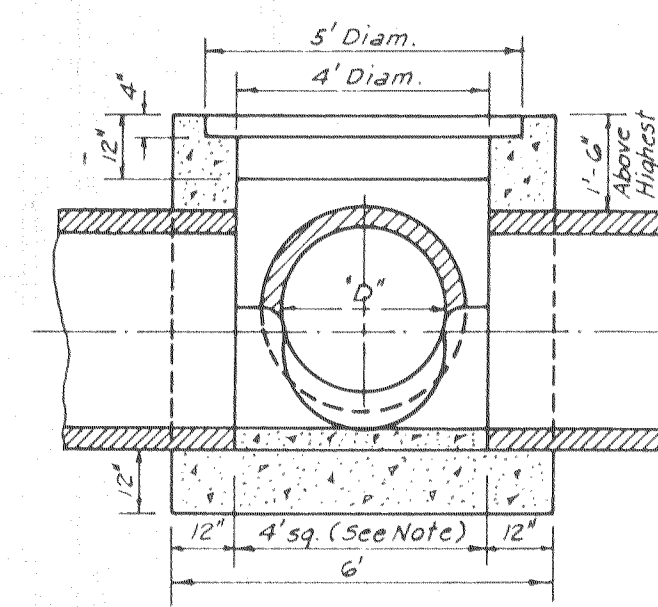
ANGLE METER STOP LOCATION DETAIL



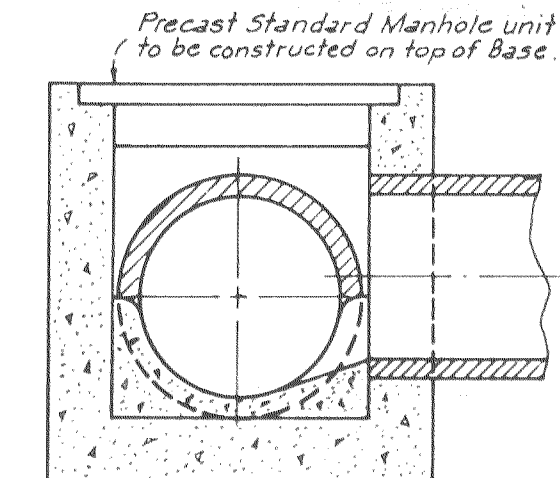
NOTES:

1. Channel to be concrete, hand formed to match flowline of through pipe, then trowelled smooth with no sharp edges.
2. 4' sq. Box good for pipes up to 4' dia., otherwise dimension shall be the same as largest pipe.

PLAN

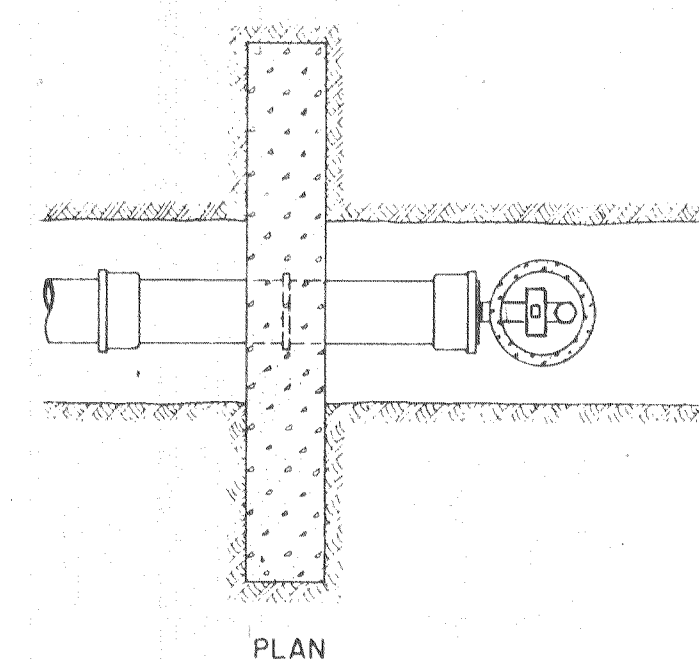


SECTION A-A

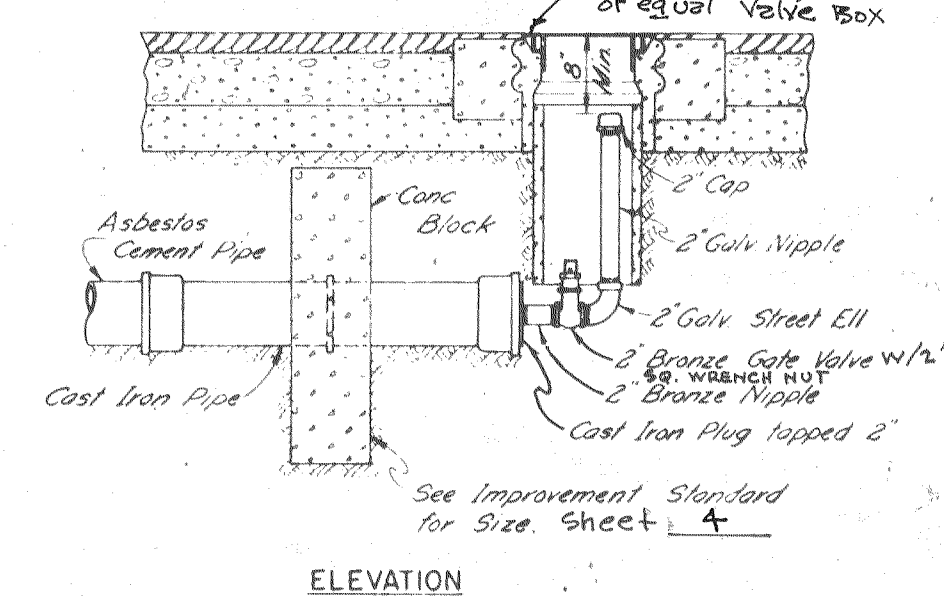


SECTION B-B

MANHOLE: INTERSECTION OF PIPES LARGER THAN 24" DIA.

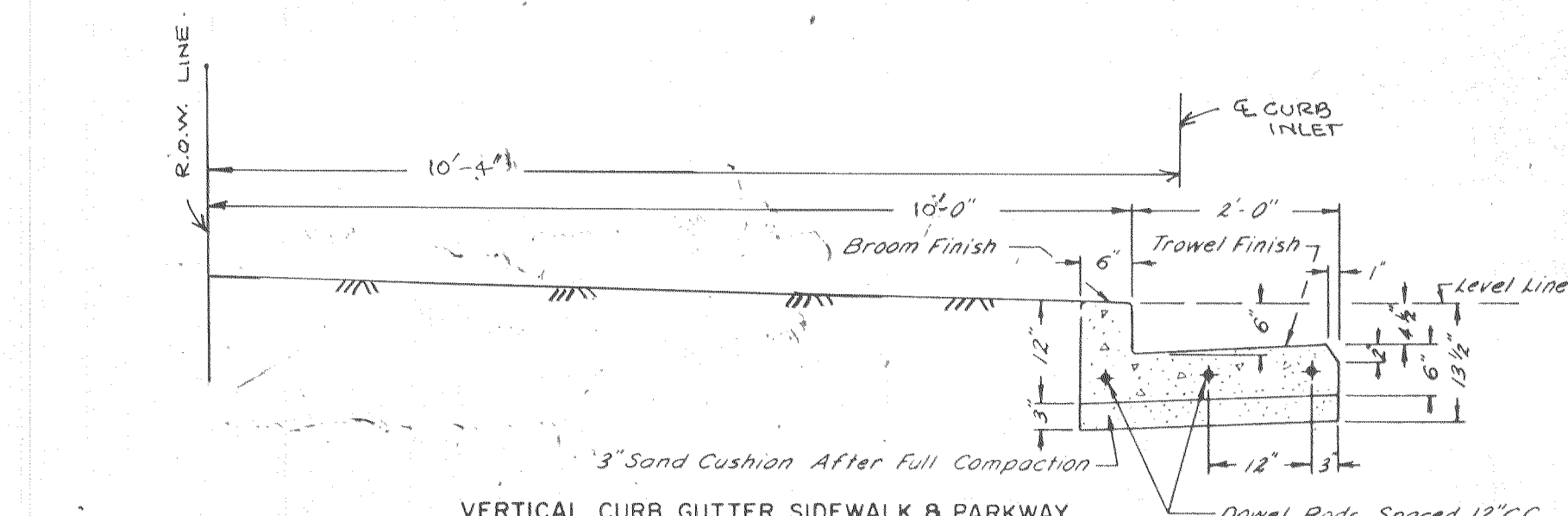


PLAN



ELEVATION

PERMANENT BLOW OFF



NOTE: All Radii 1/4" Unless Otherwise Noted

VERTICAL CURB, GUTTER, SIDEWALK & PARKWAY

APPROVED MARCH 11 1980

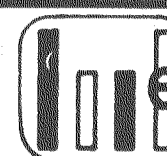
John Williams
LATHROP COUNTY WATER DISTRICT

APPROVED July 31 1980

William Ward
SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS
R.C.E. 9338

APPROVED Mar 13 1980

James W. Eaves
FIRE CHIEF, MANTECA-LATHROP RURAL FIRE DISTRICT



WONG ENGINEERS, INC.
CIVIL ENGINEERING CONSULTANTS
210 N. HUNTER STREET, STOCKTON, CALIF.

R.C.E. No. 14269

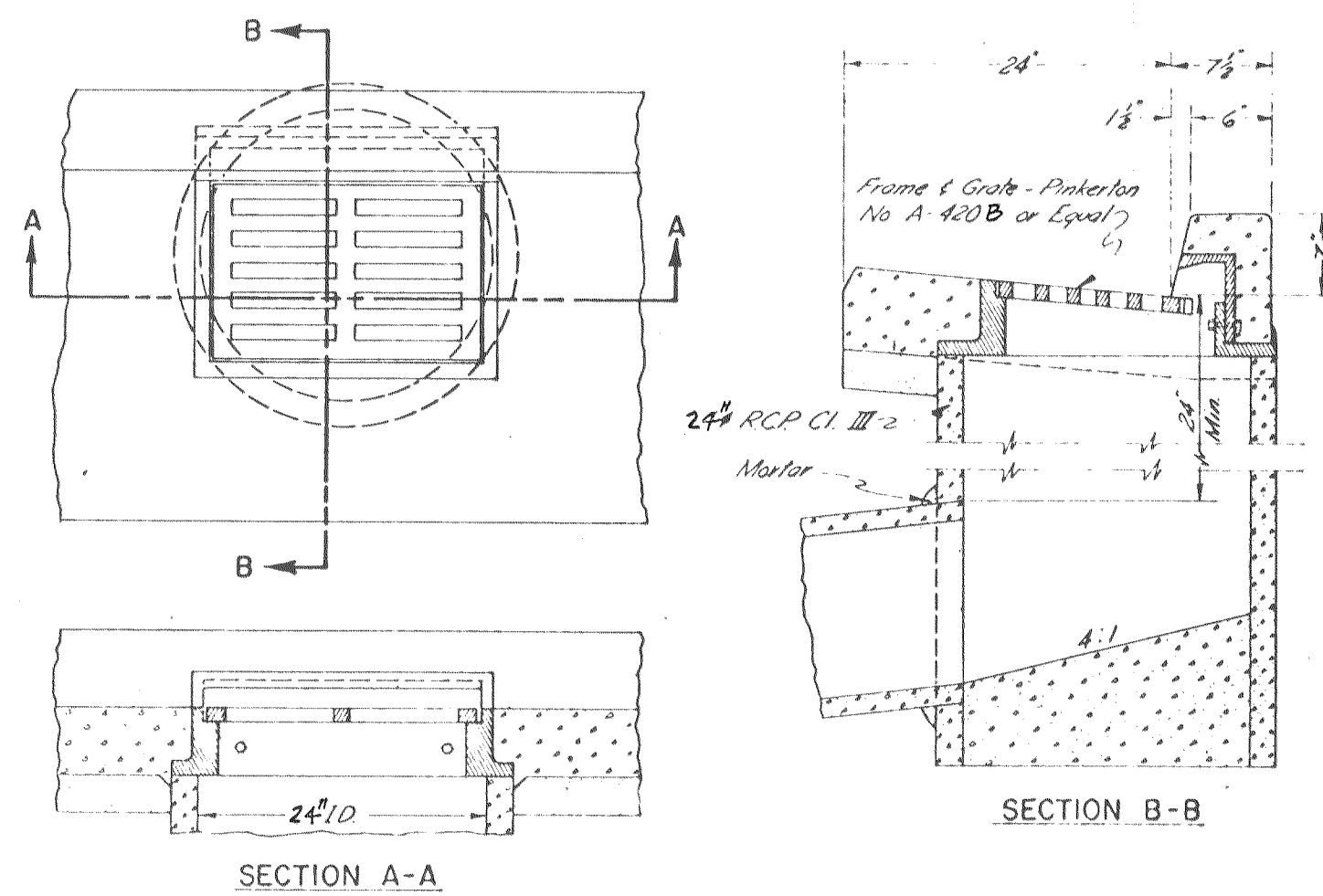
job no. 1443
date JULY 1979
f. b. no.
drawn
design
check C.C.W.

LATHROP VILLAGE HOMES UNIT NO. 13 A

LATHROP CALIFORNIA

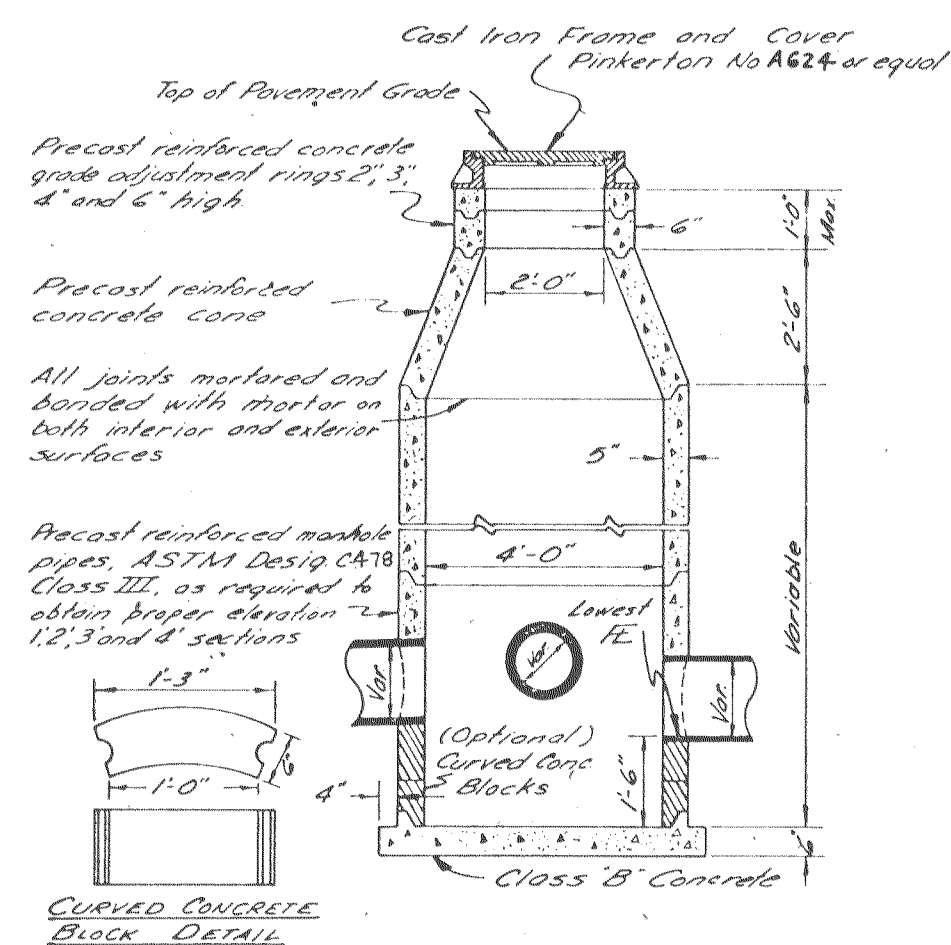
DETAILED SHEET

SHEET 5 OF 5 FILE

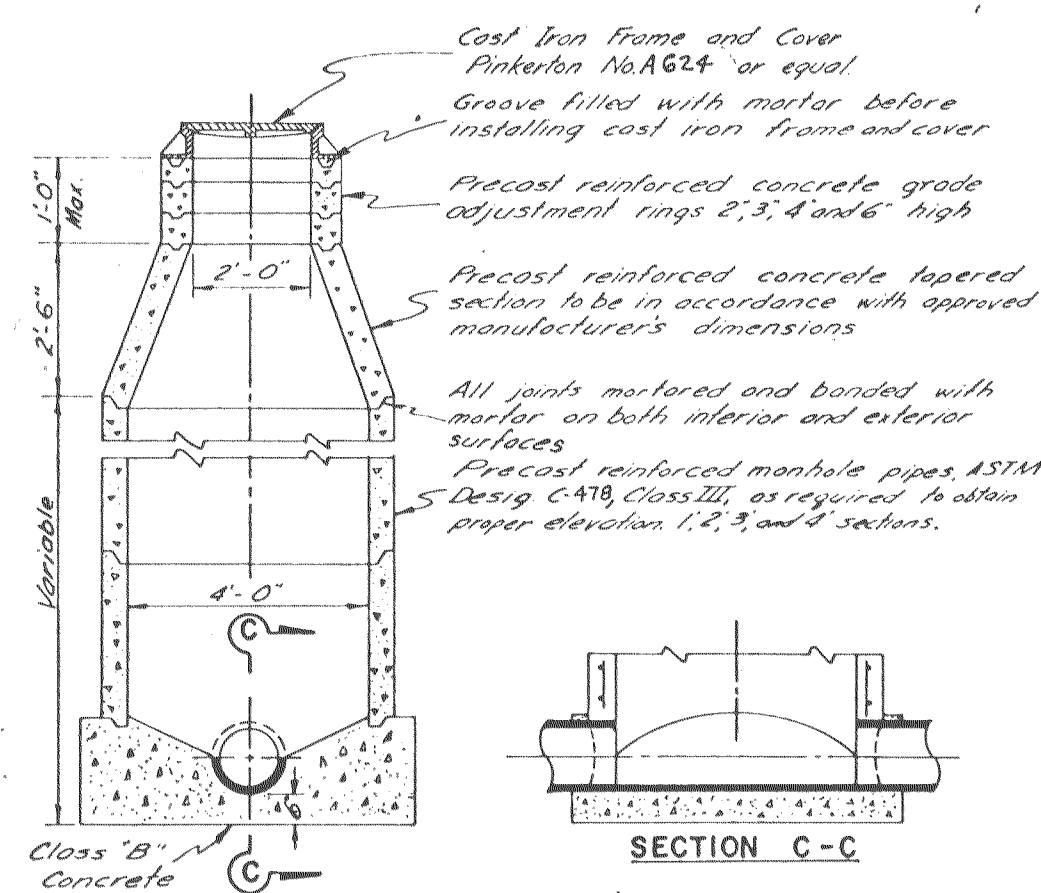


STANDARD STORM DRAIN INLET

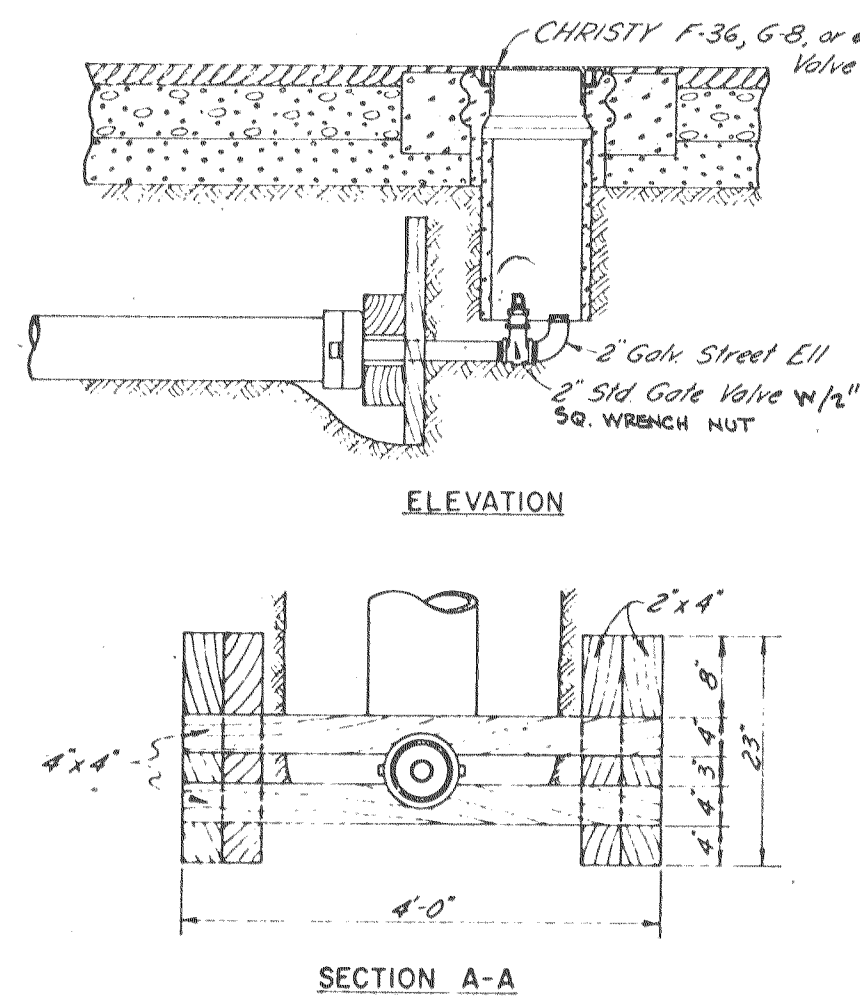
Set grate of curb inlet 14" (0.15') below flowline of gutter & taper gutter to grate 3" each side of grate.



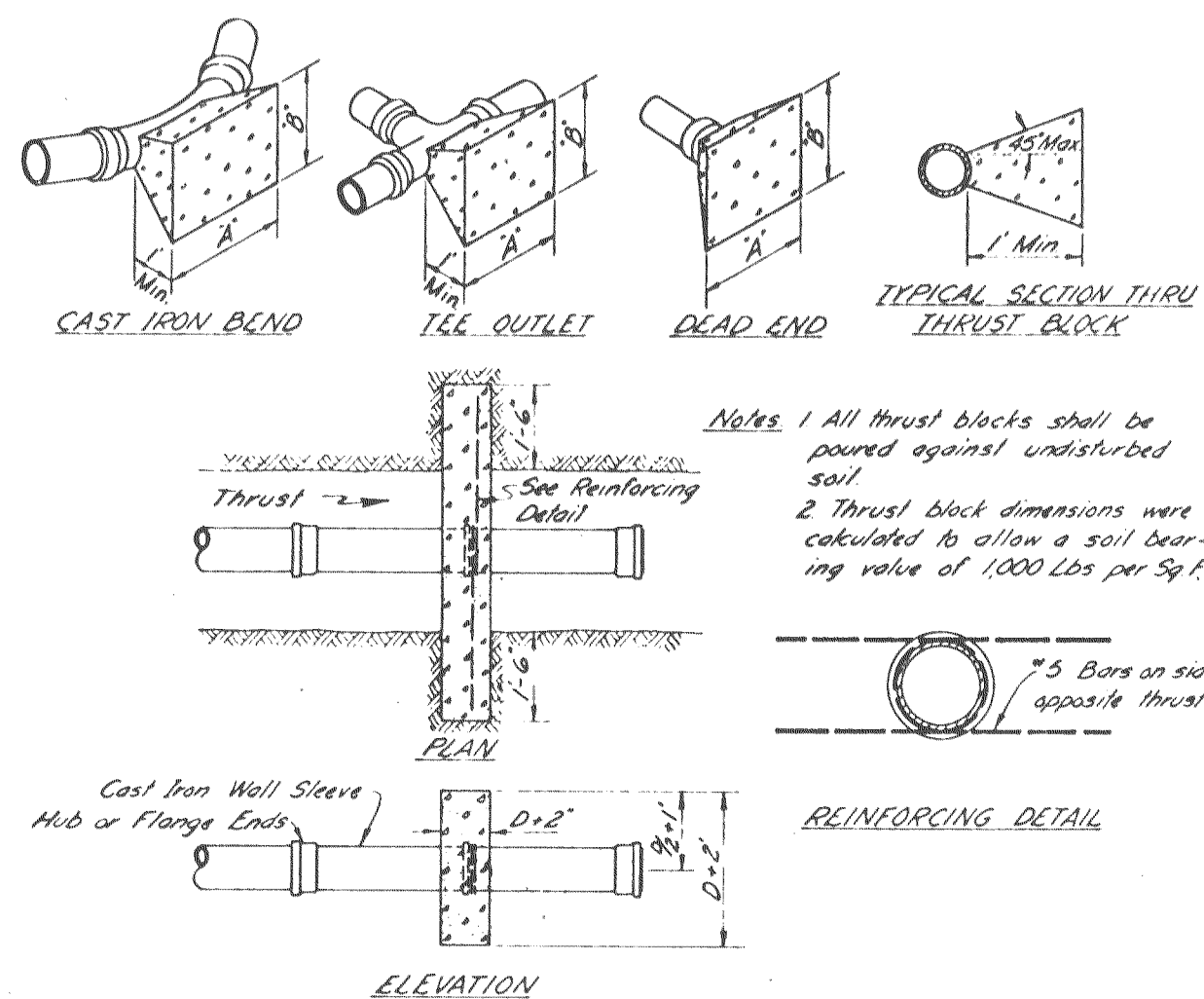
TYPICAL STORM SEWER MANHOLE



TYPICAL SANITARY SEWER MANHOLE

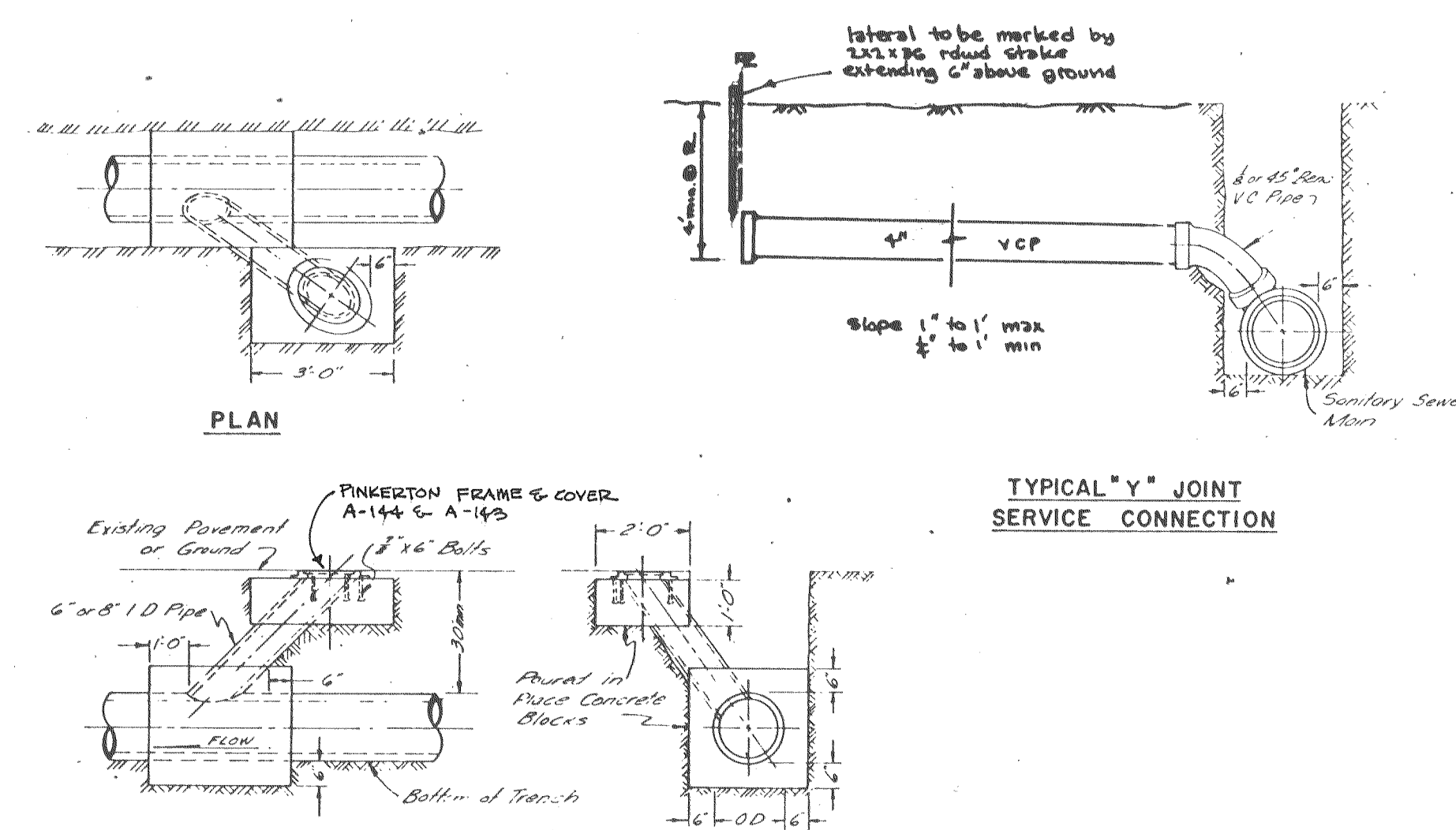


TEMPORARY BLOW OFF



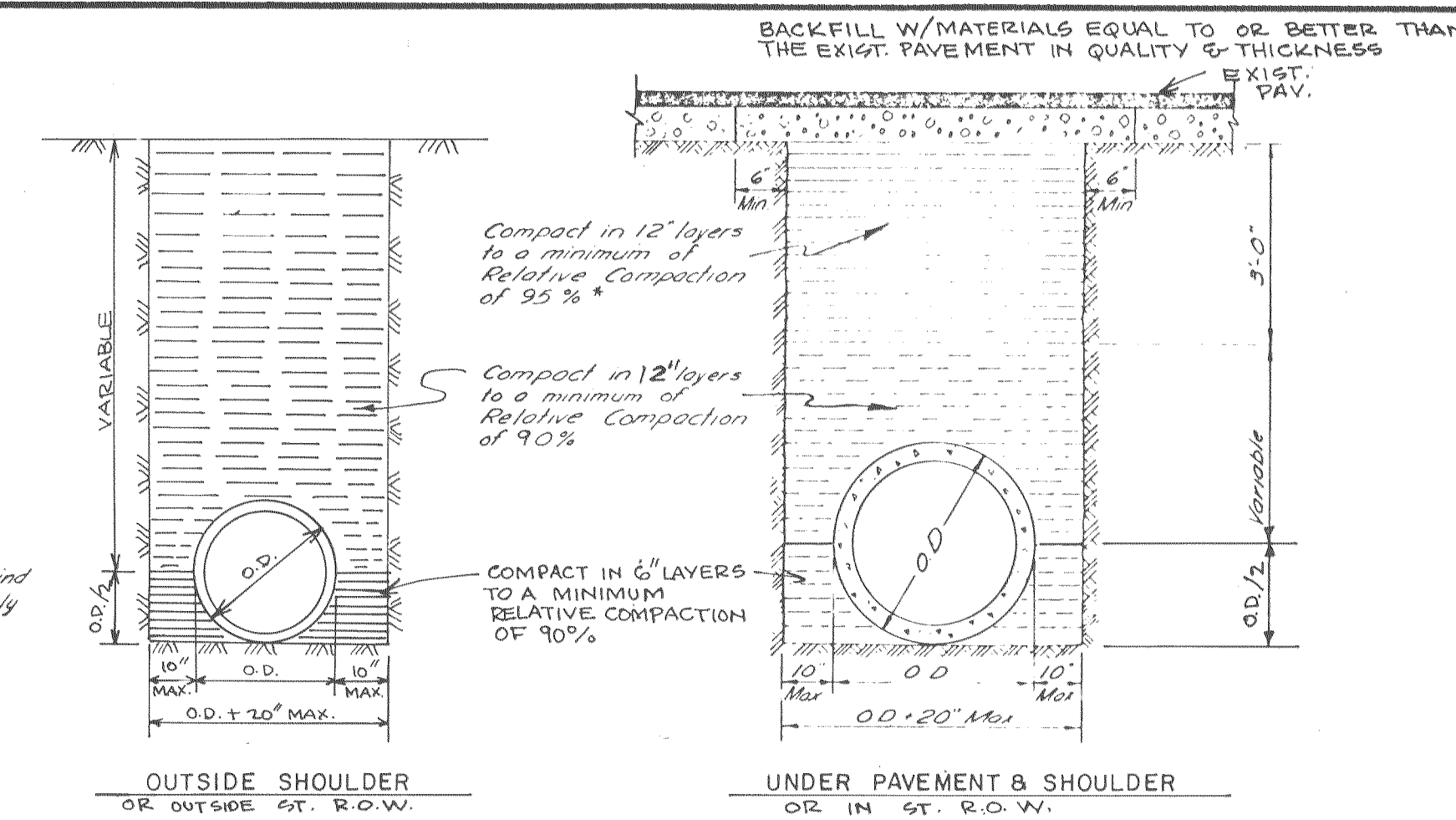
THRUST BLOCK DETAILS

THRUST BLOCK DIMENSIONS		
FITTINGS	A	B
6" LINE	1'-6"	1'-6"
24"	2'-0"	2'-0"
45"	3'-0"	2'-6"
90"	3'-0"	2'-0"
TILE OUTLET	3'-0"	2'-0"
DEAD END	3'-0"	2'-0"
8" LINE	2'-0"	2'-0"
24"	3'-0"	2'-6"
45"	4'-0"	3'-6"
90"	3'-6"	3'-0"
TILE OUTLET	3'-6"	3'-0"
DEAD END	3'-6"	3'-0"
10" LINE	3'-0"	2'-0"
24"	4'-0"	3'-0"
45"	5'-6"	4'-0"
90"	4'-0"	4'-0"
TILE OUTLET	4'-0"	4'-0"
DEAD END	4'-0"	4'-0"
12" LINE	3'-0"	3'-0"
24"	4'-6"	4'-0"
45"	8'-0"	4'-0"
90"	5'-6"	4'-"
TILE OUTLET	5'-6"	4'-"
DEAD END	5'-6"	4'-"

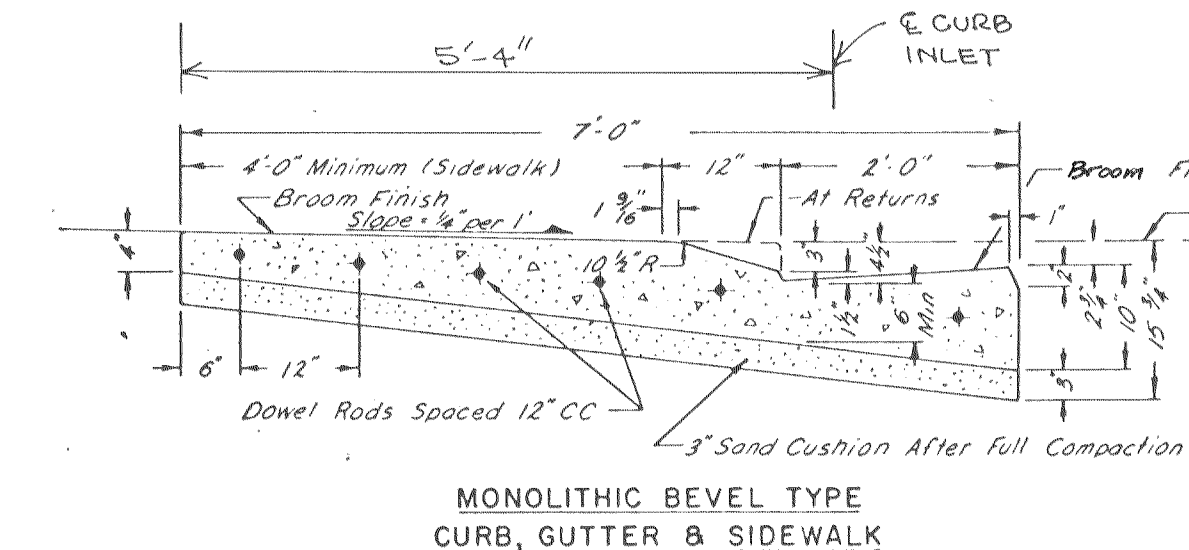


TYPICAL LAMPHOLE INSTALLATION

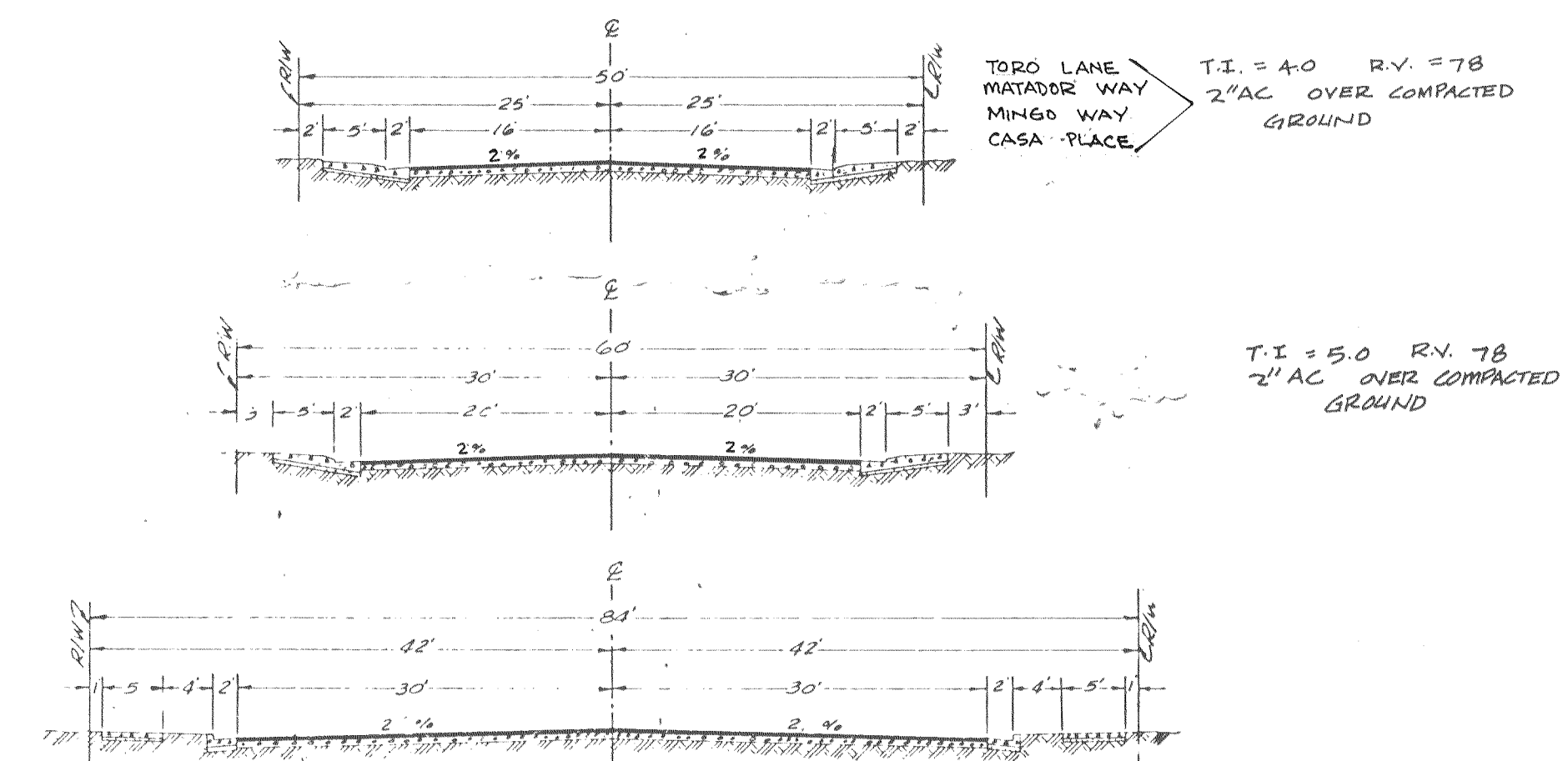
TYPICAL SANITARY SEWER DETAILS



TYPICAL TRENCH BACKFILL DETAIL



CURB, GUTTER & SIDEWALK SUBDIVISION STREETS



TYPICAL SUBDIVISION STREETS

APPLY 0.20 GAL/GR YD SOIL STERILANT UNDER ALL PAVING

Conc. shall be cured w/ Hunt's process at a rate of 1 gal/200 sq. ft.

- Expansion joints shall be constructed every 60' max. & at B.C.E.C. of all curves. Dowel rods shown in typical section shall be 3/8" dia. x 24" long, greased & well wrapped.
- Sidewalks shall be scored transversely on 4' centers & longitudinally at the top of curb (1' from back of walk).
- An "S" or "W" shall be stamped in back of sidewalk over the sewer & water services.

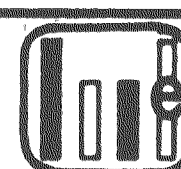
APPROVED MARCH 11 1980

John Williams
LATHROP COUNTY WATER DISTRICT

APPROVED July 31 1980

William A. Ward
SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS
R.C.E. 9338

revisions			
no.	description	date	by



WONG ENGINEERS, INC.
CIVIL ENGINEERING CONSULTANTS
210 N. HUNTER STREET, STOCKTON, CALIF.

R.C.E. No. 14269

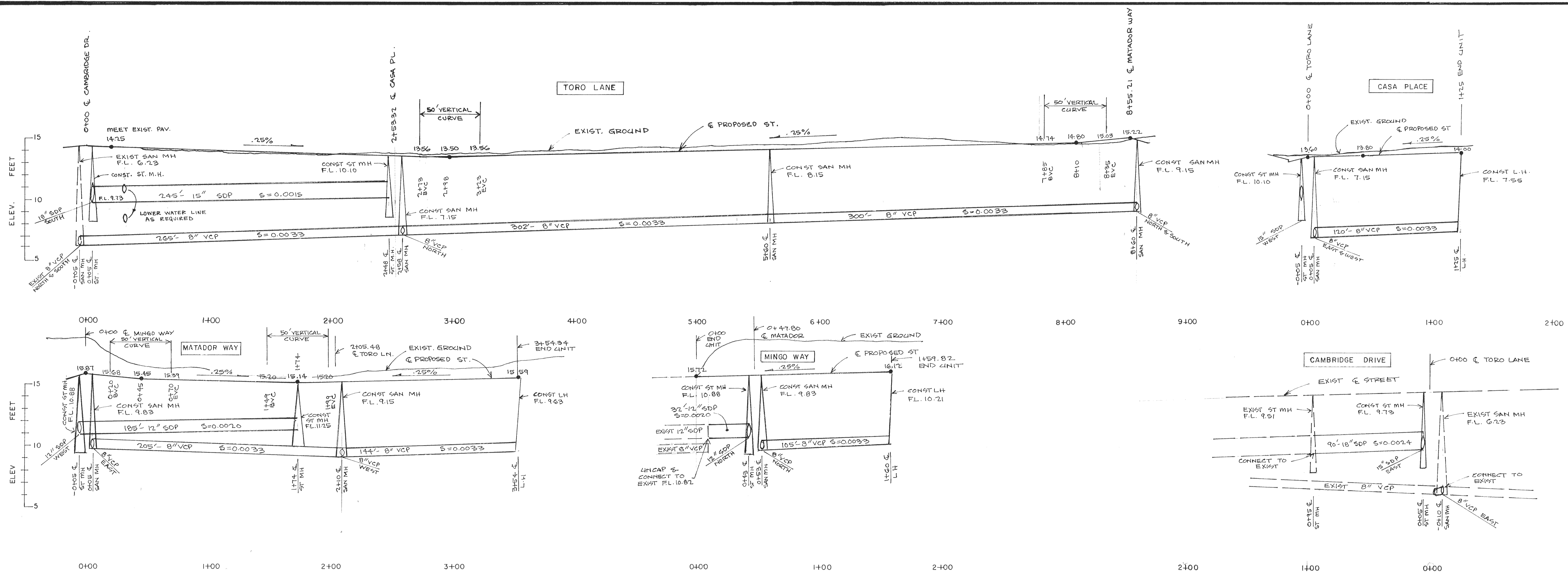
job no. 1443
date JULY 1979
f. b. no.
drawn
design
check C.C.W.

LATHROP VILLAGE HOMES UNIT NO. 13A

DETAIL SHEET

LATHROP CALIFORNIA

SHEET
4
OF
5
FILE



SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

FILE NAME: 5013418
DRAWN: SU
SHEET NO: 13418

APPROVED: *Carl Bergman* 4/2/1980
APPROVED: *July 31* 1980
SAN JOAQUIN LOCAL HEALTH DISTRICT
SAN JOAQUIN COUNTY DIRECTOR OF PUBLIC WORKS
R.C.E. 9338

REVISIONS			
no.	description	date	by

WONG ENGINEERS, INC.
PLANNING · ENGINEERING · SURVEYING
STOCKTON, CALIFORNIA
Carl Bergman
R.C.E. No. 14269

Job no. 1443
date JULY 1979
scale AS SHOWN
drawn *W*
design WE
check C.C.W.

LATHROP VILLAGE HOMES UNIT NO. 13 A
LATHROP CALIFORNIA
PROFILE SHEET
SHEET 3 OF 5
FILE

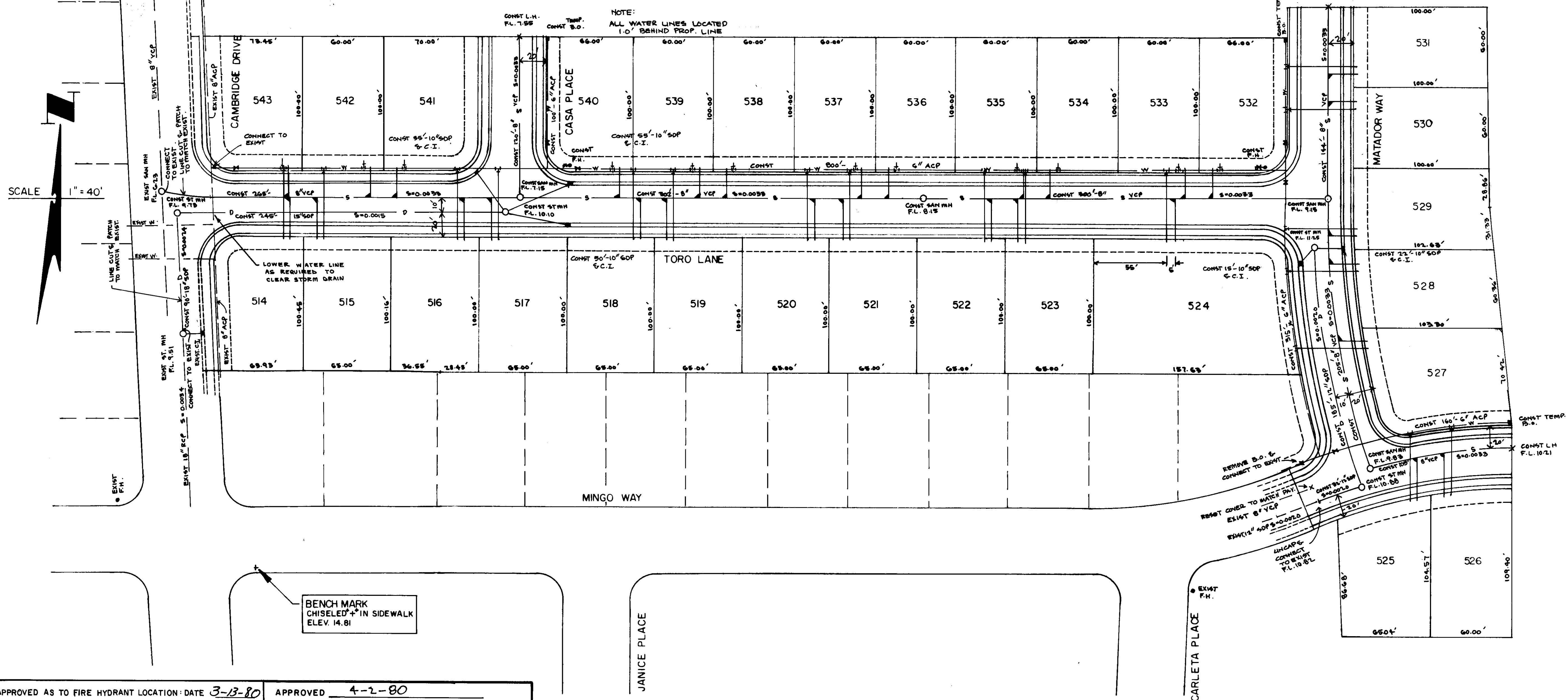
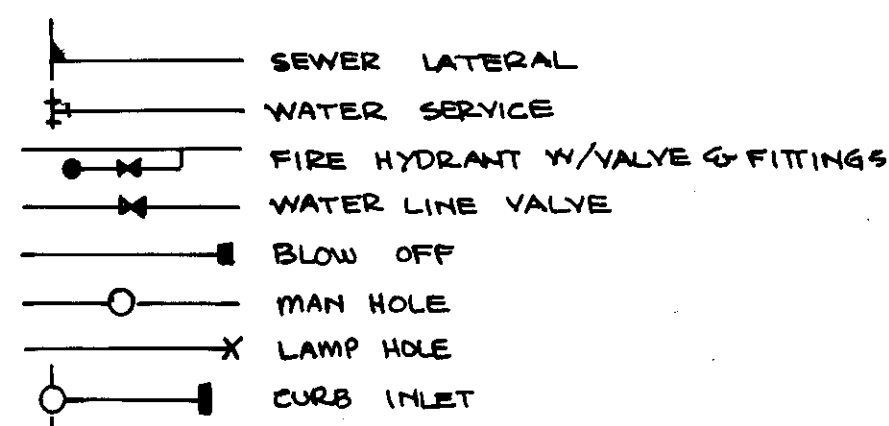
STAKING

FLAGGING COLOR	PURPOSE	REPLACEMENT COST, EACH
PINK & BLUE	SUBDIVISION CONTROL	\$400
PINK	LOT CORNERS, ROUGH GRADE	\$ 50
RED	SANITARY SEWER	\$ 50
BLUE	STORM DRAIN	\$ 50
GREEN	WATER	\$ 50
YELLOW	CURB, GUTTER & SIDEWALK	\$ 60

THE OWNER WILL PROVIDE ONE SET OF STAKES FOR EACH PHASE OF THE WORK. THE CONTRACTOR WILL BE CHARGED FOR ADDITIONAL STAKING AND REPLACEMENT STAKING IN ACCORDANCE WITH THE ABOVE SCHEDULE WITH A MINIMUM FEE OF \$ 100.00

LEGEND

A.C.P.	ASBESTOS CEMENT PIPE	ASTM C-296 CLASS 150
B.O.	BLOW OFF	
C.I.	CURB INLET	
F.H.	FIRE HYDRANT	
L.H.	LAMP HOLE	
M.H.	MAN HOLE	
S.D.P.	STORM DRAIN PIPE ; CONTRACTOR'S OPTION - ① REINFORCED CONCRETE PIPE ASTM C-76, CLASS III OR ② TRANSITE STORM DRAIN PIPE CLASS III / 2000 ASTM C-428 TYPE II	
V.C.P.	VITRIFIED CLAY PIPE	ASTM C-700 EXTRA STRENGTH



APPROVED AS TO FIRE HYDRANT LOCATION DATE 3-13-80

APPROVED 4-2-80

James W. Ennes
MANTECA - LATHROP RURAL FIRE DISTRICT FIRE CHIEF

Carl Bergman
SAN JOAQUIN LOCAL HEALTH DISTRICT

APPROVED MARCH 11 1980

APPROVED 4/16/80 8 1980

John Williams
LATHROP COUNTY WATER DISTRICT

Stallman
S.J.CO. DIRECTOR OF PUBLIC WORKS
R.C.E. 9338

no.	description	date	by



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

R.C.E. No. 14269

job no. 1443
date JULY 1979
scale AS SHOWN
drawn *W*
design WE
check C.C.W.

LATHROP VILLAGE HOMES UNIT NO. 13 A

LATHROP CALIFORNIA

UNDERGROUND IMPROVEMENT PLANS

SHEET
2
OF
5
FILE

