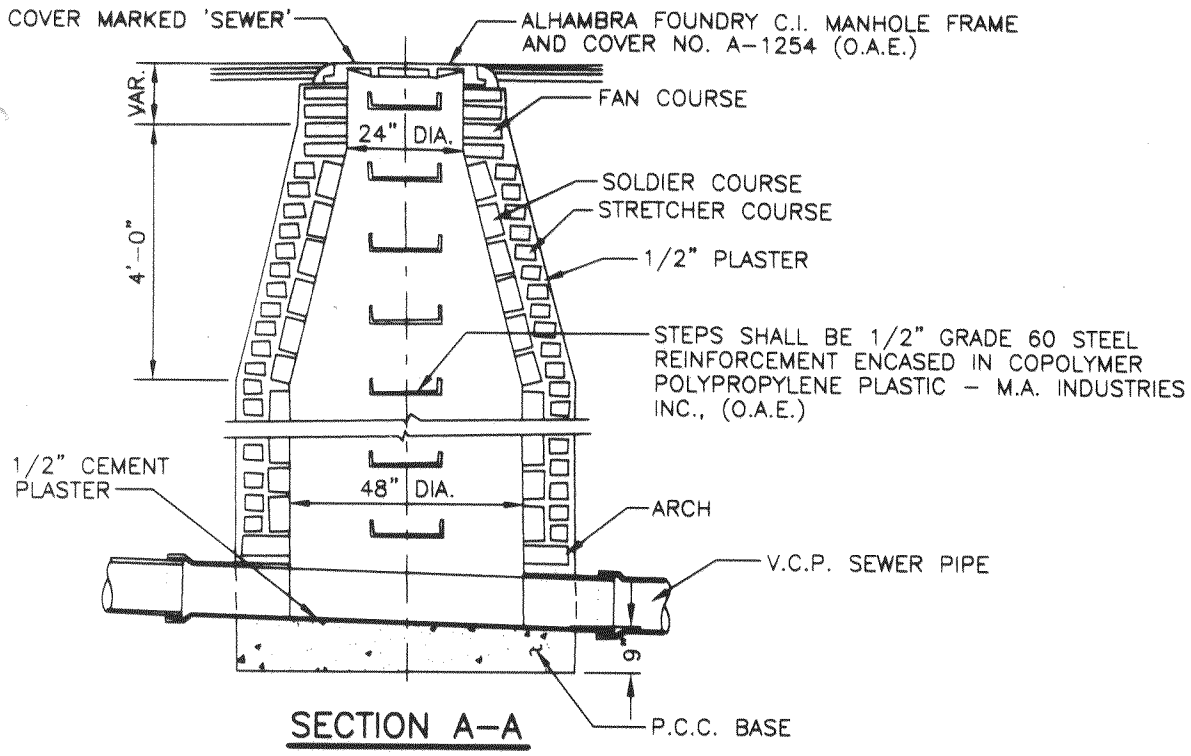
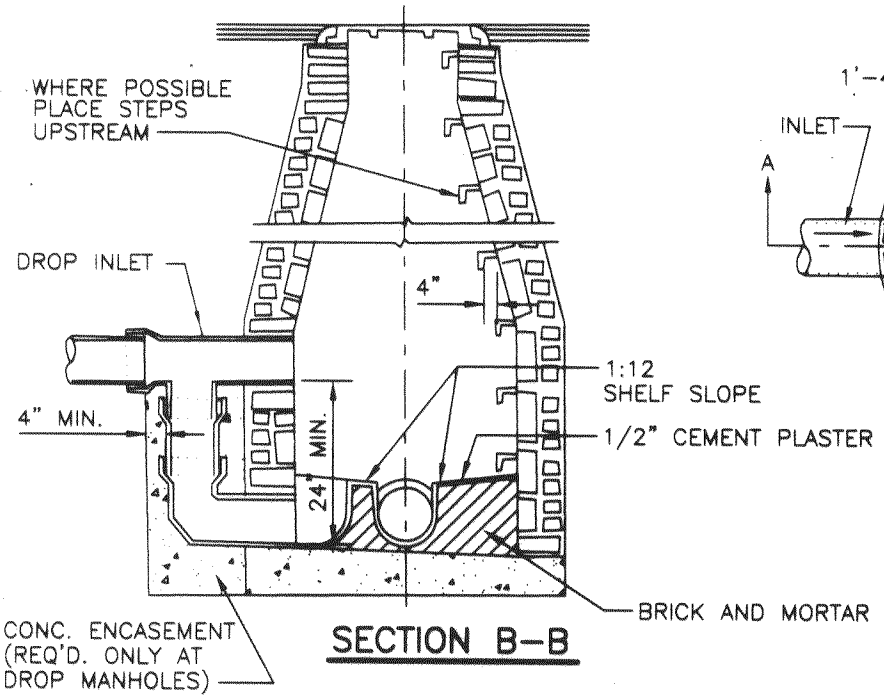
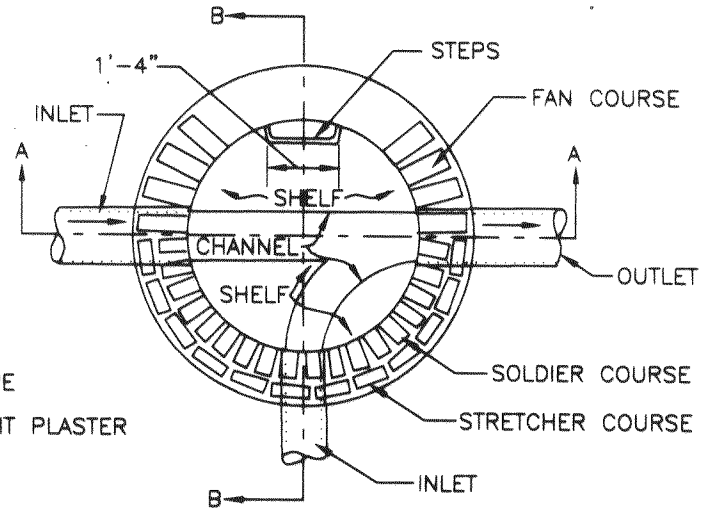


SECTION A-A



SECTION B-B



SECTIONAL PLAN

CITY OF LA VERNE SINCE 1906

DEPARTMENT OF PUBLIC WORKS

STANDARD DRAWING:

STANDARD BRICK MANHOLE

APPROVED:

CITY OF LA VERNE — DATE 4/30/97

ENGINEER — 43296 RCE No. — DATE 4/15/97

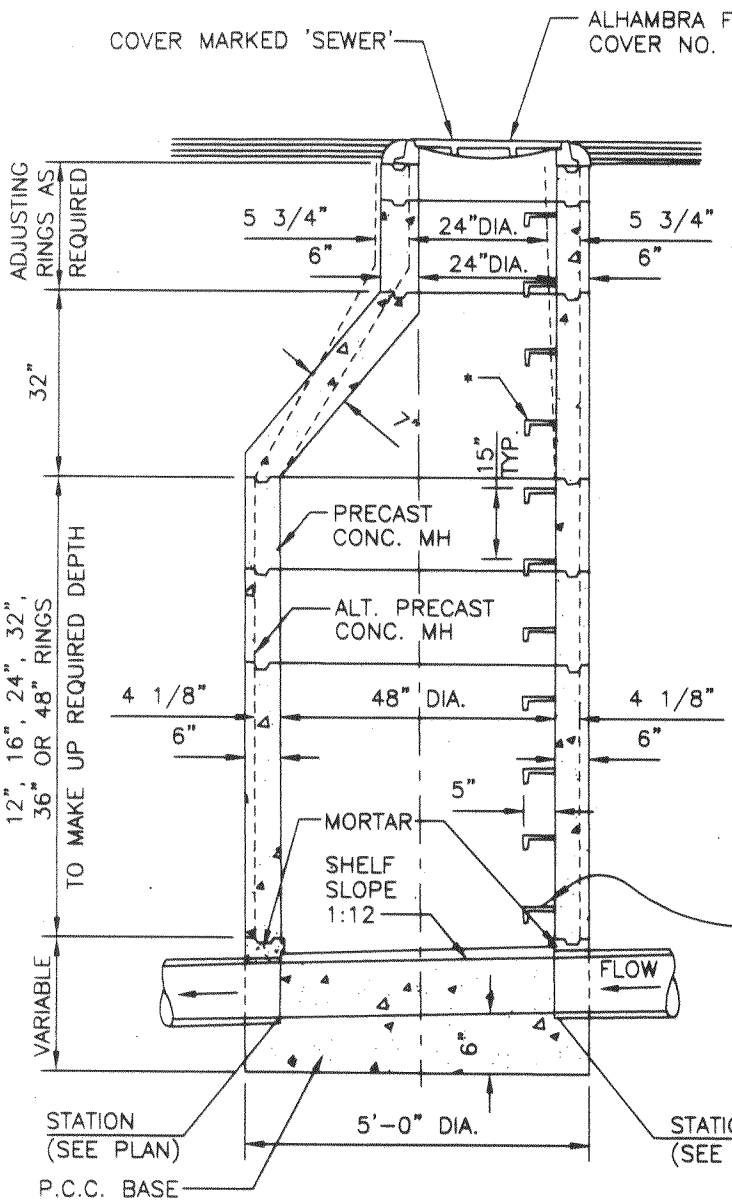
	BY	DATE
DESIGNED	W.D.B.	4/97
DRAWN	C.G.	4/97
CHECKED	W.D.B.	4/97

SCALE: AS SHOWN

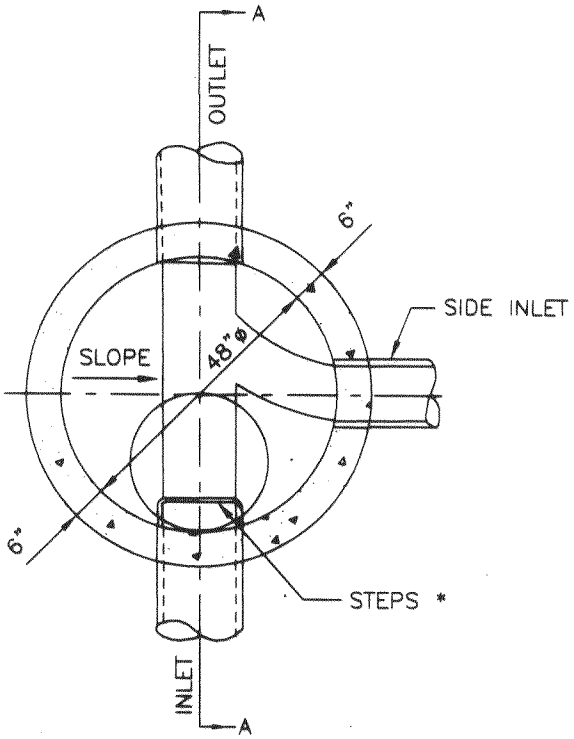
DATE OF REVISION: APRIL 1997

DWG. No. S-1

SHT. 1 OF 1



SECTION A-A



SECTIONAL PLAN

STEPS SHALL BE 1/2" GRADE 60 REINFORCEMENT ENCASED IN COPOLYMER POLYPROPYLENE PLASTIC - M.A. INDUSTRIES INC., (O.A.E.)

*WHERE POSSIBLE PLACE STEPS UPSTREAM

CITY OF LA VERNE SINCE 1906

DEPARTMENT OF PUBLIC WORKS

STANDARD DRAWING:

STANDARD PRECAST CONCRETE MANHOLE

APPROVED:

CITY OF LA VERNE — DATE 4/30/97

ENGINEER — 43296 RCE No. — DATE 4/8/97

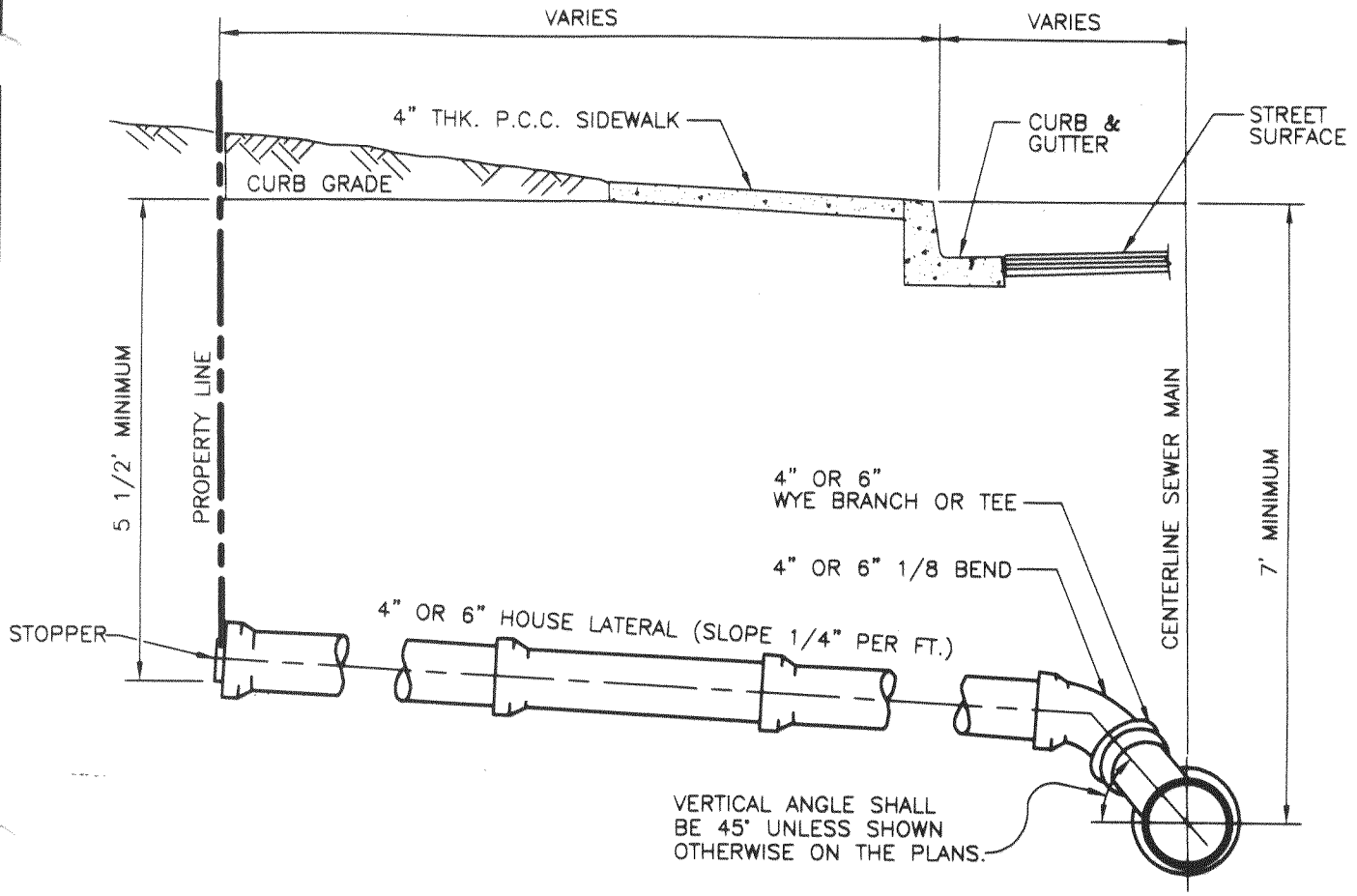
	BY	DATE
DESIGNED	W.D.B.	4/97
DRAWN	C.G.	4/97
CHECKED	W.D.B.	4/97

SCALE: AS SHOWN

DATE OF REVISION: APRIL 1997

DWG. No. S-2

SHT. 1 OF 1



NOTE:

DEPTH OF SEWER MAIN SHALL BE SUCH THAT A 4-INCH LATERAL WILL HAVE A MINIMUM COVER OF 1-FOOT AT THE REAR PROPERTY LINE WITH A SLOPE OF NOT LESS THAN 2%.

DEPARTMENT OF PUBLIC WORKS

STANDARD DRAWING:

SEWER LATERAL

APPROVED:

CITY OF LA VERNE — DATE 4/30/97

ENGINEER — RCE No. 43296 — DATE 4/15/97

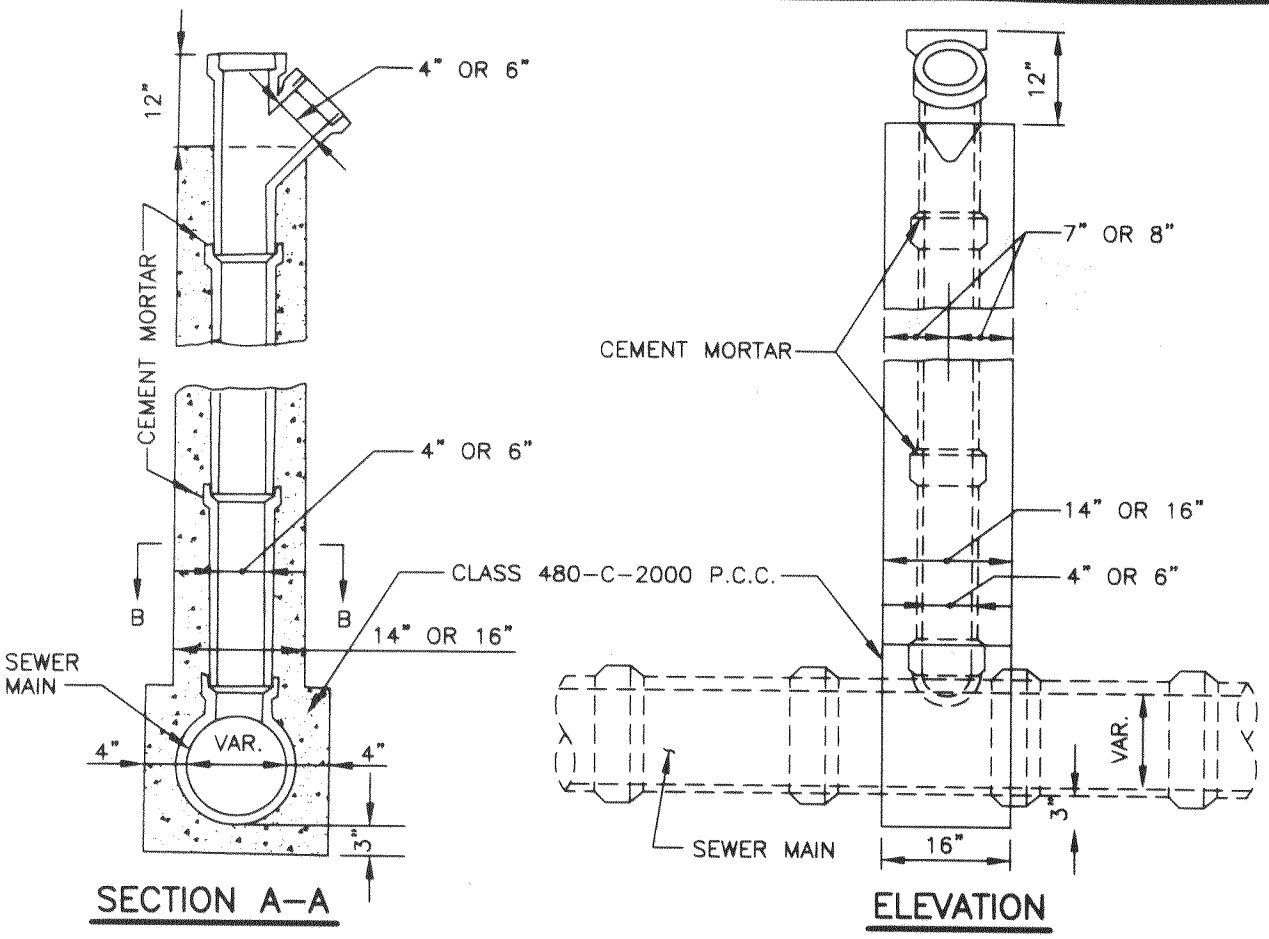
	BY	DATE
DESIGNED	W.D.B.	4/97
DRAWN	C.G.	4/97
CHECKED	W.D.B.	4/97

SCALE: AS SHOWN

DATE OF REVISION: APRIL 1997

DWG. No. S-3

SHT. 1 OF 1

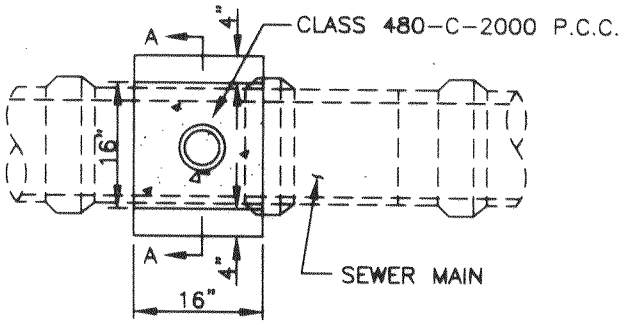


SECTION A–A

ELEVATION

NOTES:

1. THE UPPER END OF THE CHIMNEY PIPE SHALL BE 8 FEET BELOW THE GRADE OF THE LOWEST CURB, UNLESS OTHERWISE SPECIFIED.
2. WHERE TWO HOUSE CONNECTIONS ARE TO BE JOINED TO THE CHIMNEY PIPE, USE A SINGLE 'Y' BRANCH. WHERE TWO HOUSE CONNECTIONS ARE TO BE JOINED TO THE CHIMNEY PIPE, USE A SINGLE 'Y' BRANCH. WHERE THREE HOUSE CONNECTIONS ARE TO BE JOINED, USE A DOUBLE 'Y' BRANCH.
3. WHERE THE CHIMNEY PIPE IS TO BE USED FOR A SINGLE HOUSE CONNECTION, FACE 'Y' TOWARD PROPERTY TO BE SERVED; WHERE USED FOR HOUSE CONNECTIONS ON BOTH SIDES OF THE SEWER, THE HOUSE CONNECTION ON THE RIGHT SIDE OF THE SEWER (LOOKING UP GRADE) SHALL BE CONNECTED TO THE 'Y' BRANCH BY A 1/8 BEND AND THE HOUSE CONNECTION ON THE LEFT SIDE SHALL BE CONNECTED TO THE UPPER END OF THE CHIMNEY BY A 4" OR 6" 1/4 BEND UNLESS OTHERWISE SPECIFIED.



SECTION B–B

DEPARTMENT OF PUBLIC WORKS

STANDARD DRAWING:

STANDARD CHIMNEY PIPE

APPROVED:

CITY OF LA VERNE — DATE 4/30/97

ENGINEER — RCE No. 43296 — DATE 4/15/97

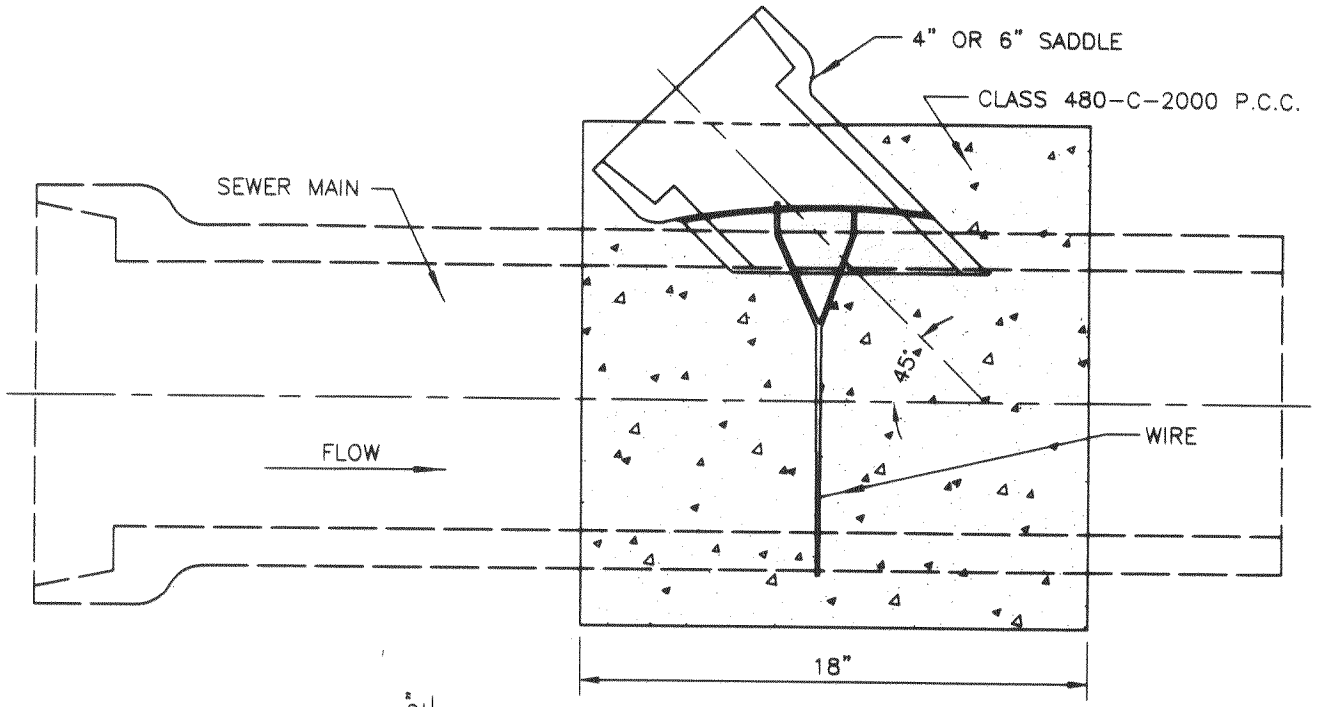
	BY	DATE
DESIGNED	W.D.B.	4/97
DRAWN	C.G.	4/97
CHECKED	W.D.B.	4/97

SCALE: AS SHOWN

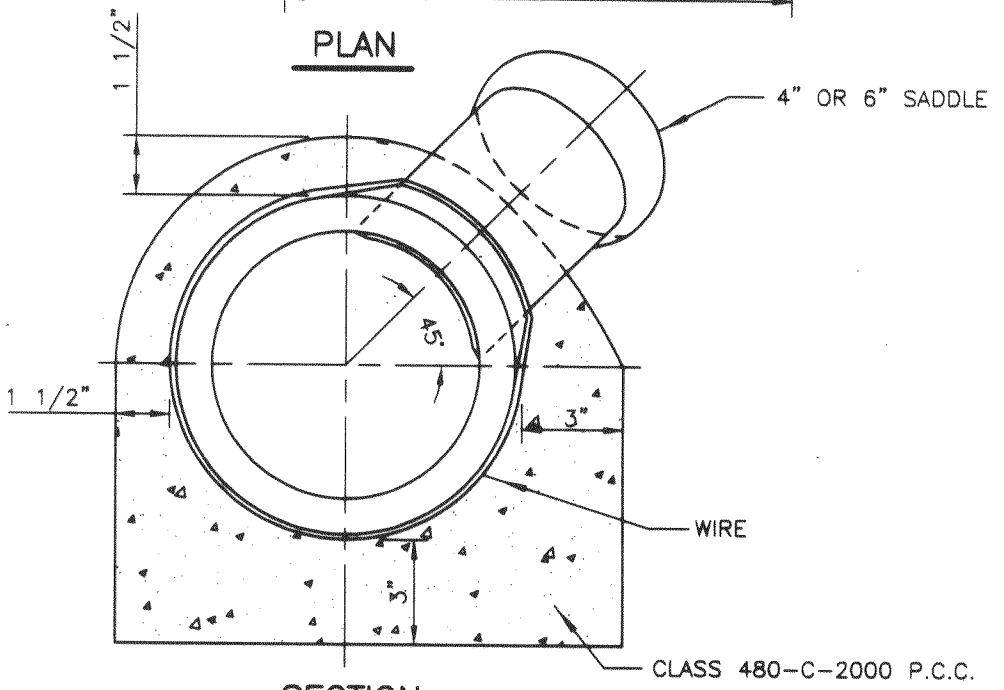
DATE OF REVISION: APRIL 1997

DWG. No. S-4

SHT. 1 OF 1



PLAN



SECTION

NOTES

1. SADDLE SHALL BE INSPECTED PRIOR TO PLACING P.C.C. AND AGAIN BEFORE BACKFILLING OVER LATERAL.
2. TIE WIRE SHALL BE 12 GA. GALVANIZED.

CITY OF LA VERNE SINCE 1906

DEPARTMENT OF PUBLIC WORKS

STANDARD DRAWING:

SEWER SADDLE

APPROVED:

CITY OF LA VERNE — 4/30/97 DATE

ENGINEER — 43296 RCE No. — 4/15/97 DATE

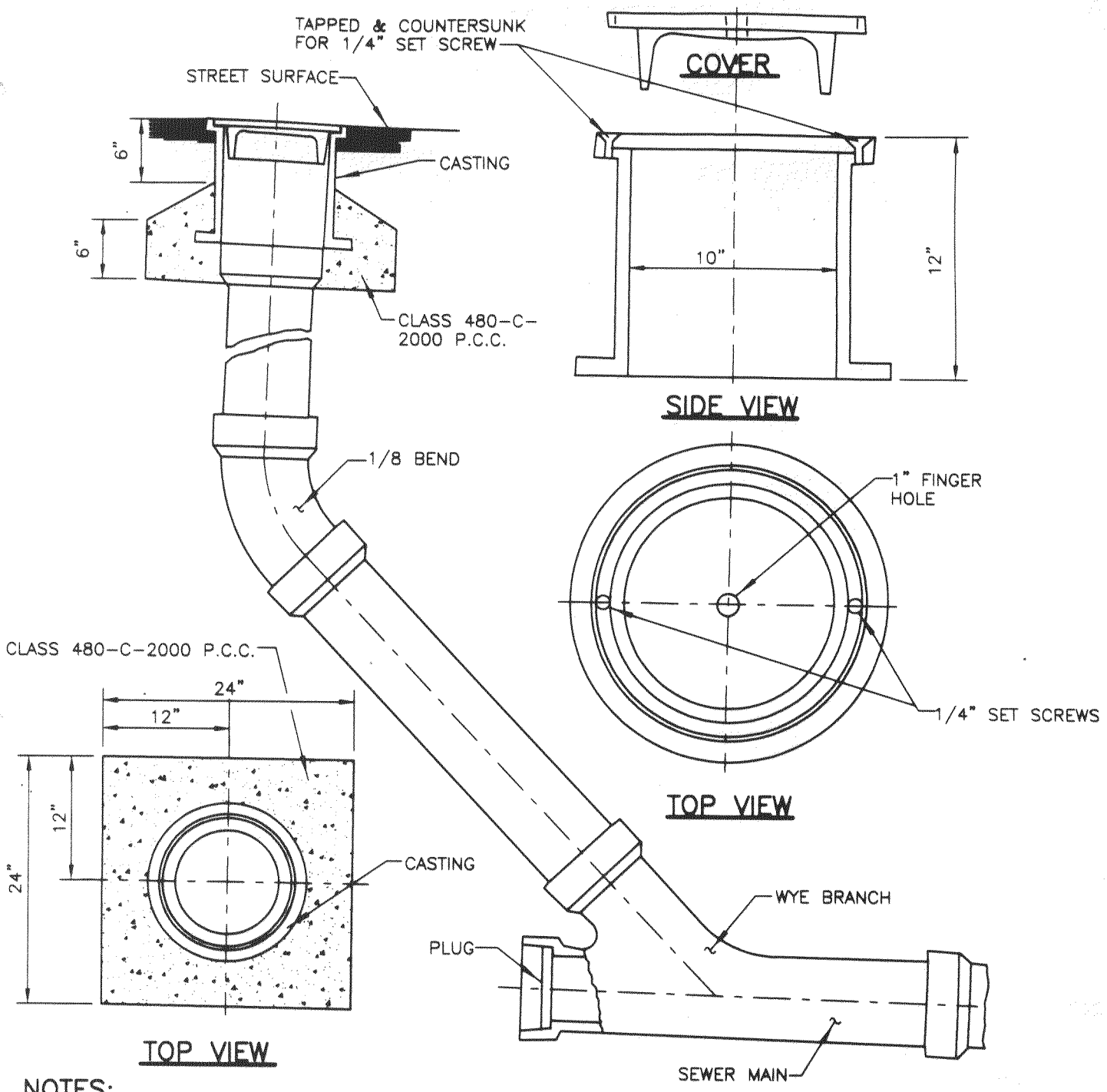
	BY	DATE
DESIGNED	W.D.B.	4/97
DRAWN	C.G.	4/97
CHECKED	W.D.B.	4/97

SCALE: AS SHOWN

DWG. No. S-5

DATE OF REVISION: APRIL 1997

SHT. 1 OF 1



NOTES:

1. CLEAN-OUT PIPE MUST BE OF THE SAME DIAMETER AS SEWER MAIN.
2. CASTING SHALL BE ALHAMBRA FOUNDRY NO. A-1240 (O.A.E.)

CITY OF LA VERNE SINCE 1906

DEPARTMENT OF PUBLIC WORKS

STANDARD DRAWING:

SEWER TERMINAL CLEAN-OUT

	BY	DATE
DESIGNED	W.D.B.	4/97
DRAWN	C.G.	4/97
CHECKED	W.D.B.	4/97

APPROVED: _____ 4/30/97

CITY OF LA VERNE — DATE

_____ 43296 4/15/97

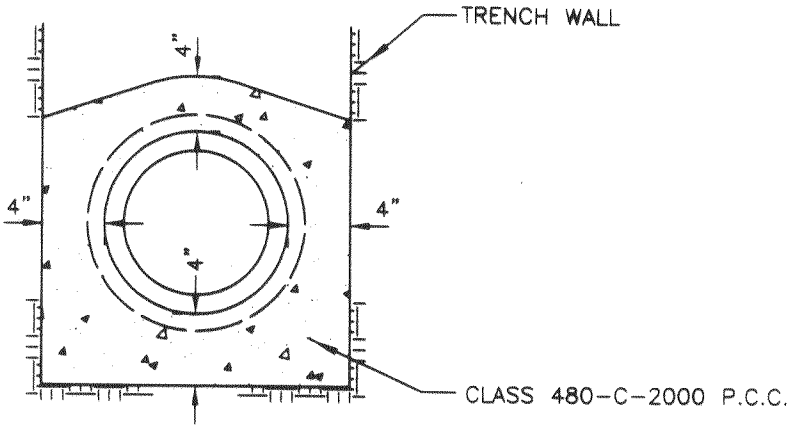
ENGINEER — RCE No. — DATE

SCALE: AS SHOWN

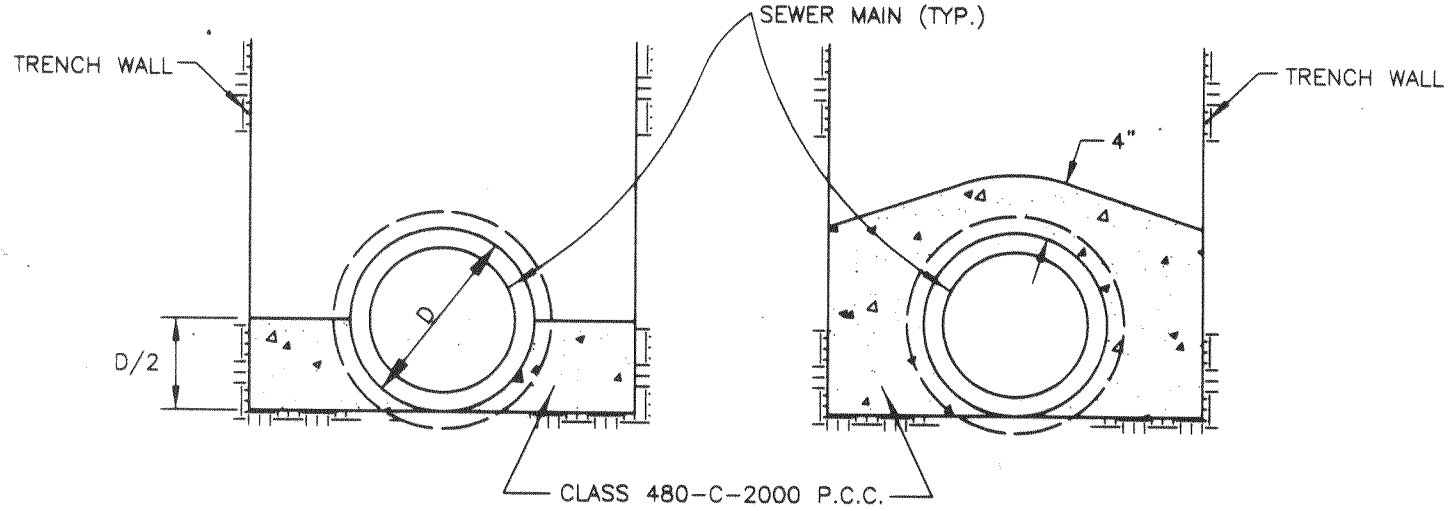
DATE OF REVISION: APRIL 1997

DWG. No. S-6

SHT. 1 OF 1



NO. 1
CONCRETE ENCASEMENT



CONCRETE CRADLE

NO. 2
CONCRETE ENCASEMENT

NOTES:

1. WHERE TRENCH WIDTH EXCEEDS THE WIDTH DESCRIBED IN THE SPECIFICATIONS, THE CONTRACTOR SHALL FURNISH AND PLACE AT HIS OWN EXPENSE, A CRADLE AS SHOWN ABOVE.
2. THE No.2 ENCASEMENT SHALL ONLY BE USED AS DIRECTED BY THE CITY ENGINEER.

CITY OF LA VERNE SINCE 1906
DEPARTMENT OF PUBLIC WORKS

STANDARD DRAWING:

CONCRETE CRADLE & ENCASEMENT

APPROVED:

CITY OF LA VERNE — 4/30/97 DATE

ENGINEER — 43296 RCE No. — 4/15/97 DATE

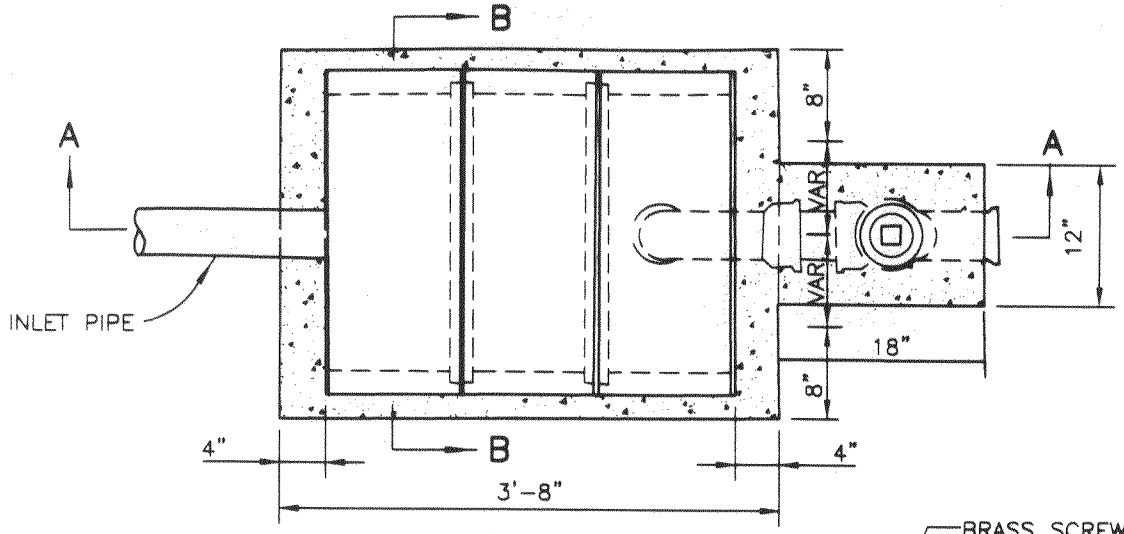
	BY	DATE
DESIGNED	W.D.B.	4/97
DRAWN	C.G.	4/97
CHECKED	W.D.B.	4/97

SCALE: AS SHOWN

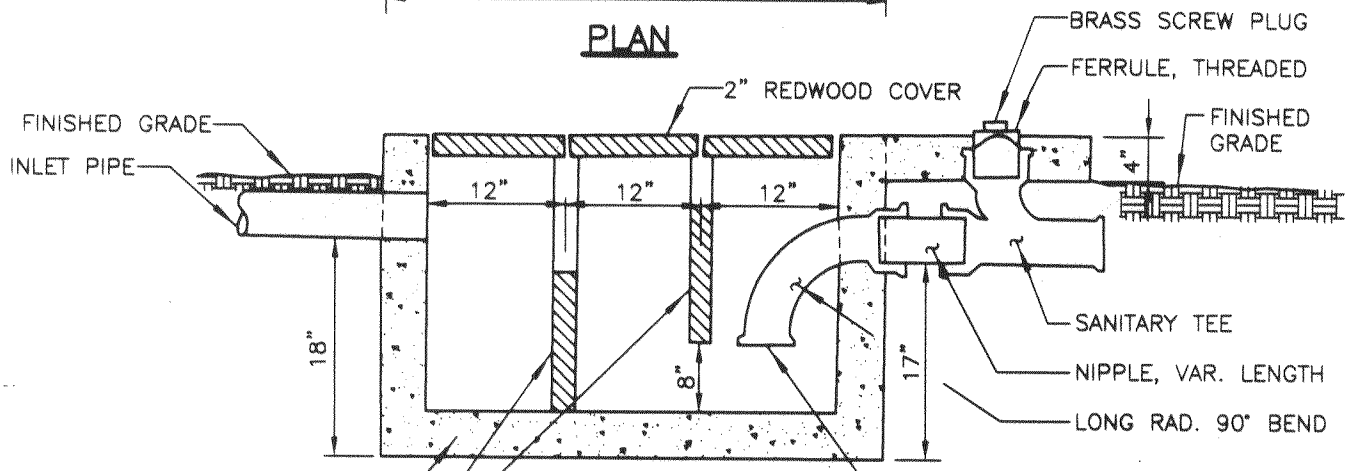
DWG. No. S-7

DATE OF REVISION: APRIL 1997

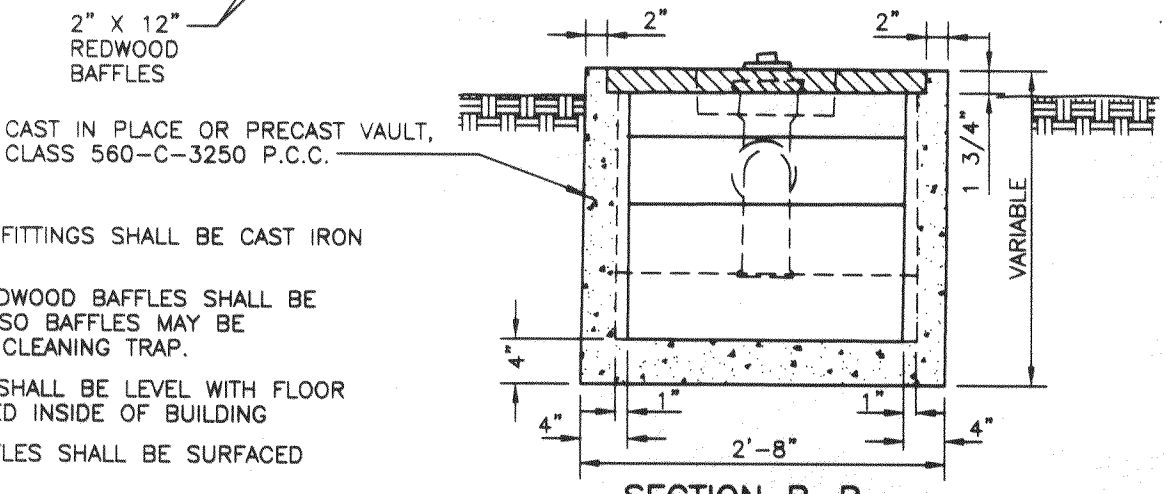
SHT. 1 OF 1



PLAN



SECTION A-A



SECTION B-B

NOTES:

1. ALL PIPE AND FITTINGS SHALL BE CAST IRON SOIL PIPE.
2. SLOTS FOR REDWOOD BAFFLES SHALL BE CONSTRUCTED SO BAFFLES MAY BE REMOVED FOR CLEANING TRAP.
3. TOP OF TRAP SHALL BE LEVEL WITH FLOOR IF CONSTRUCTED INSIDE OF BUILDING
4. REDWOOD BAFFLES SHALL BE SURFACED ALL SIDES.

DEPARTMENT OF PUBLIC WORKS

STANDARD DRAWING:

SAND AND GREASE TRAP

	BY	DATE
DESIGNED	W.D.B.	4/97
DRAWN	F.G.K.	4/97
CHECKED	W.D.B.	4/97

APPROVED: _____ 4/30/97
CITY OF LA VERNE — DATE

_____ 43296 4/15/97
ENGINEER — RCE No. — DATE

SCALE: AS SHOWN

DATE OF REVISION: APRIL 1997

DWG. No. S-8

SHT. 1 OF 1