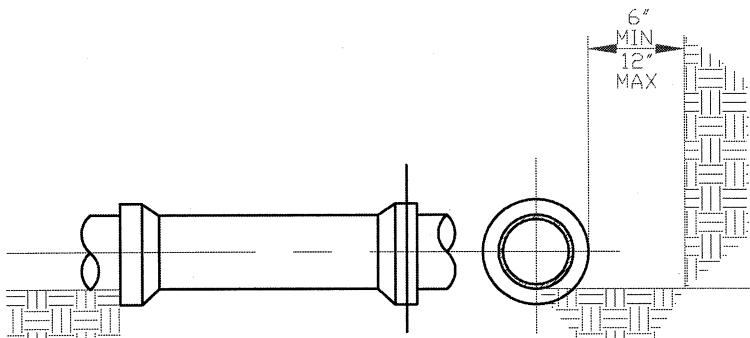


**SANITARY
SEWER DETAILS
&
APPURTENANCES**

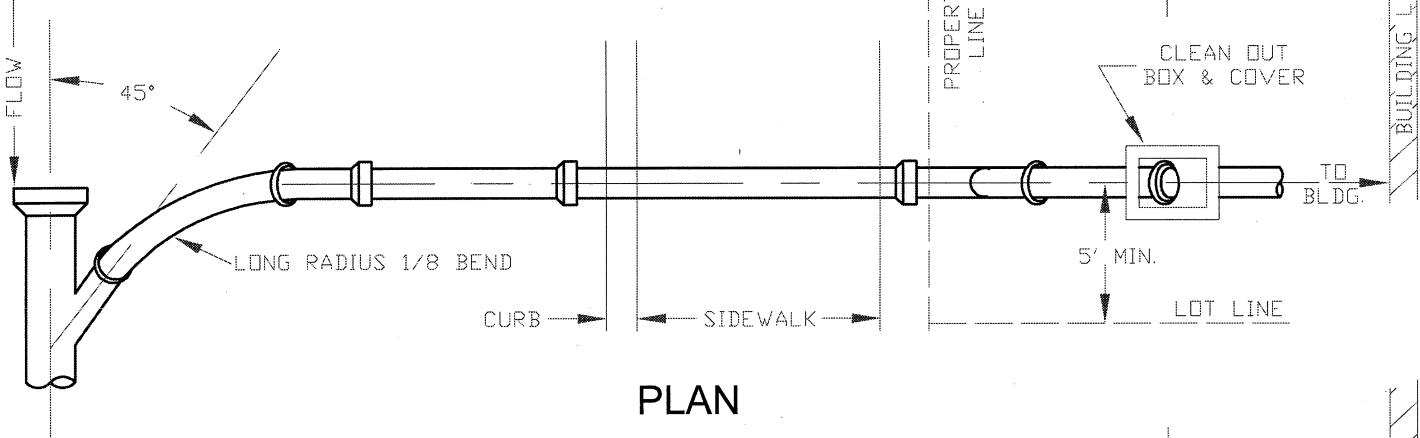


NOTE 1: AN ENCROACHEMENT PERMIT MUST BE ISSUED FROM THE DEPARTMENT OF PUBLIC WORKS, 330 W. 20TH AVE., SAN MATEO, CA. PRIOR TO ANY WORK IN THE PUBLIC RIGHT-OF-WAY OR CITY EASEMENT. ALL WORK MUST BE INSPECTED BY PUBLIC WORKS PRIOR TO BACKFILL.

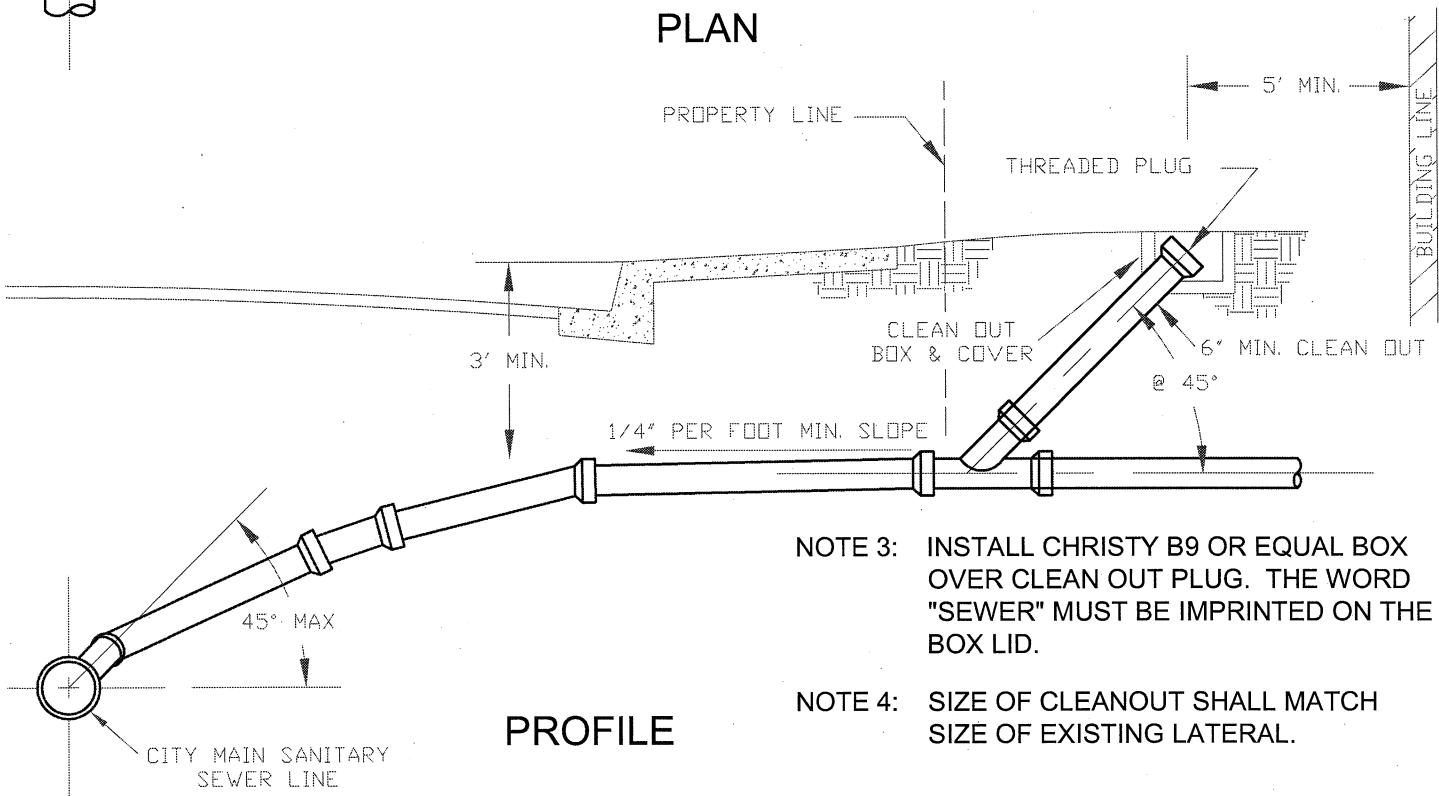
NOTE 2: ALL LATERALS SHALL BE 6" MINIMUM. APPROVED MATERIALS ARE VCP, CIP, PVC, SDR 35.

NOTE: ENTIRE LENGTH OF BARREL SHALL BE FULLY SUPPORTED WITH FIRM GRANULAR BEDDING AND BELL HOLES SHALL BE PROVIDED.

PROPER BEDDING DETAIL



PLAN



NOTE 3: INSTALL CHRISTY B9 OR EQUAL BOX OVER CLEAN OUT PLUG. THE WORD "SEWER" MUST BE IMPRINTED ON THE BOX LID.

NOTE 4: SIZE OF CLEANOUT SHALL MATCH SIZE OF EXISTING LATERAL.



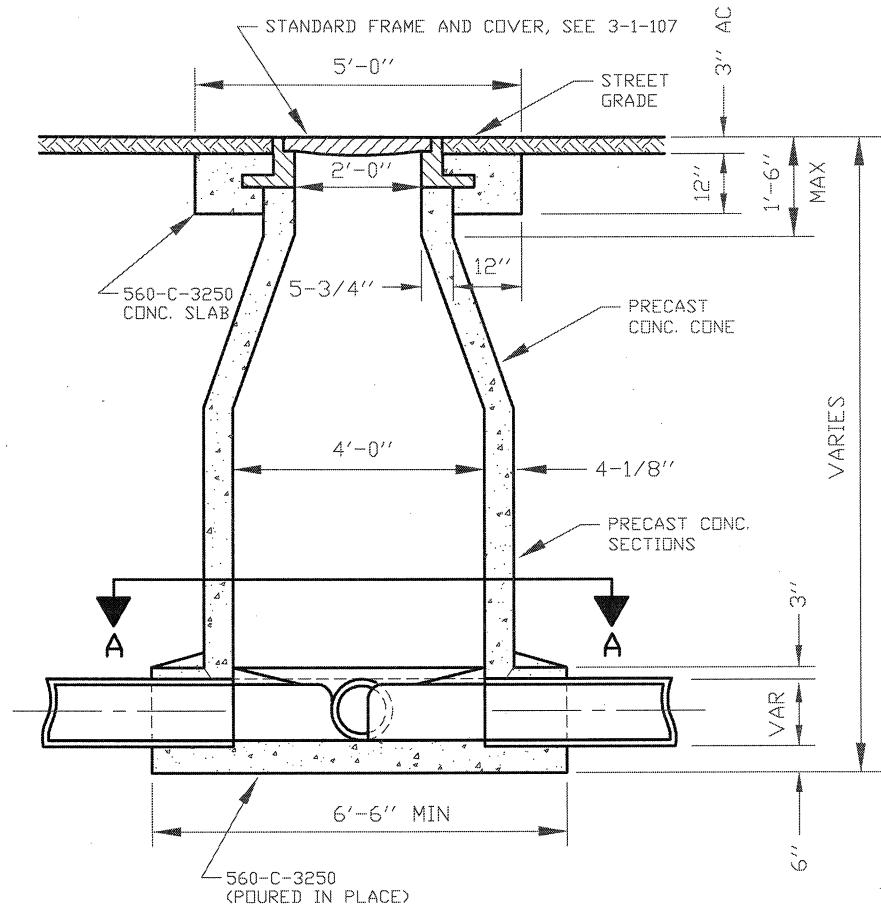
ENGINEERING DEPARTMENT

CALIFORNIA 94403

STANDARD SEWER LATERAL INSTALLATION

DATE	DRAWN BY	CHECKED BY	APPROVED	CASE	DRAWER	SET
3/15/05	MQ	OC	<i>Sam D. Eng</i>	3	1	101

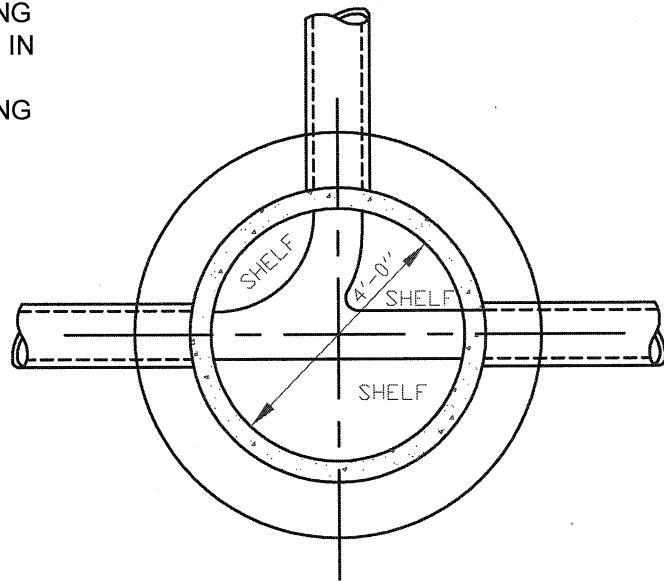
CITY ENGINEER



SECTIONAL ELEVATION

NOTES:

1. CONCRETE SLAB AROUND CASTING SHALL BE A CONCENTRIC CIRCLE IN STREETS.
2. CONCRETE SLAB AROUND CASTING SHALL BE SQUARE AND FORMED WITH LUMBER IN EASEMENTS.
3. TAPER "SHELF" 1/2" PER FOOT TOWARDS CHANNEL.



SECTION A-A

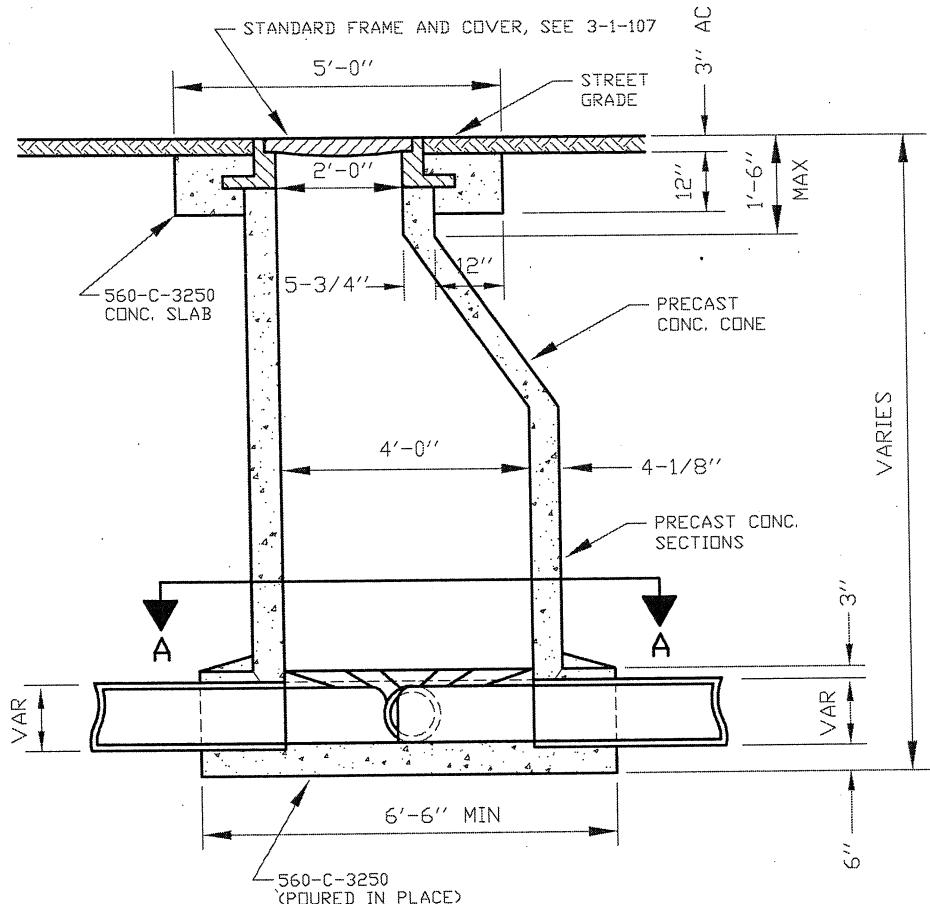


ENGINEERING DEPARTMENT

CALIFORNIA 94403

STANDARD PRECAST CONCENTRIC MANHOLE

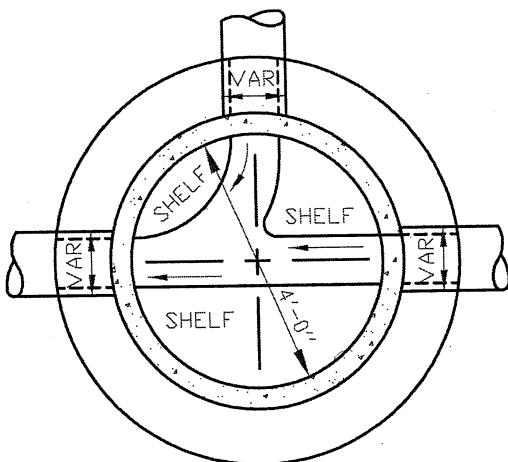
DATE	DRAWN BY	CHECKED BY	APPROVED	SIGNATURE	CASE	DRAWER	SET
2002	PC	OC		<i>Barbara Hansen</i> CITY ENGINEER	3	1	104



SECTIONAL ELEVATION

NOTES:

1. CONCRETE SLAB AROUND CASTING SHALL BE A CONCENTRIC CIRCLE IN STREETS.
2. CONCRETE SLAB AROUND CASTING SHALL BE SQUARE AND FORMED WITH LUMBER IN EASEMENTS.
3. TAPER "SHELF" 1/2" PER FOOT TOWARDS CHANNEL.



SECTION A-A

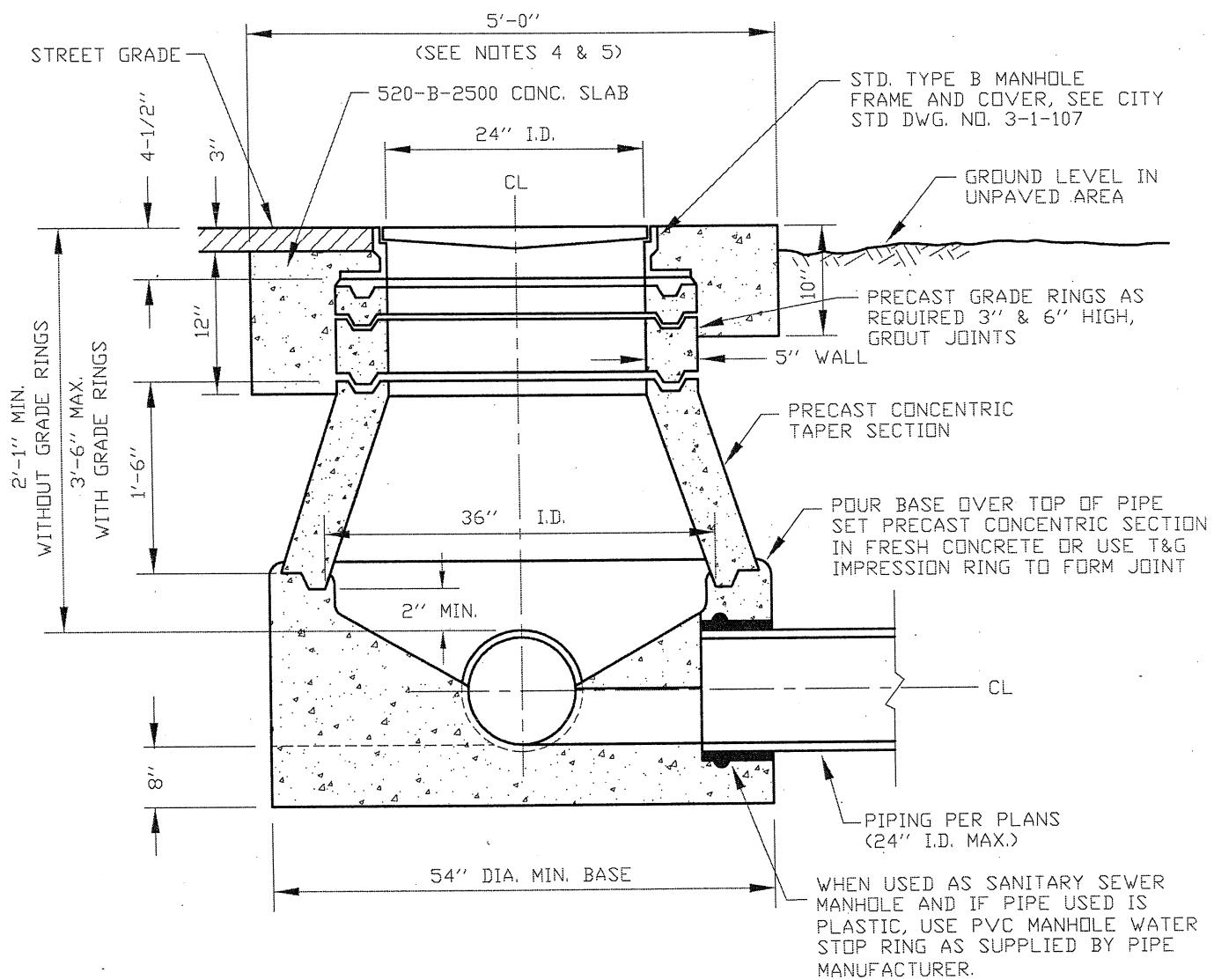


ENGINEERING DEPARTMENT

CALIFORNIA 94403

STANDARD PRECAST ECCENTRIC MANHOLE

DATE	DRAWN BY	CHECKED BY	APPROVED	CASE	DRAWER	SET
2002	PC	OC	 CITY ENGINEER	3	1	104A



TYPICAL SECTION

NOTES:

1. PRECAST SECTIONS BY SANTA ROSA CAST PRODUCTS OR APPROVED EQUAL.
2. GROUT JOINTS WITH 1:3 MORTAR MIX OR USE RAM-NECK JOINT COMPOUND.
3. BASE SHALL BE 560-C-3250 CONCRETE.
4. CONCRETE SLAB AROUND CASTING SHALL BE CONCENTRIC CIRCLE IN STREET.
5. CONCRETE SLAB AROUND CASTING SHALL BE SQUARE AND FORMED WITH LUMBER IN EASEMENT OR UNPAVED AREA.

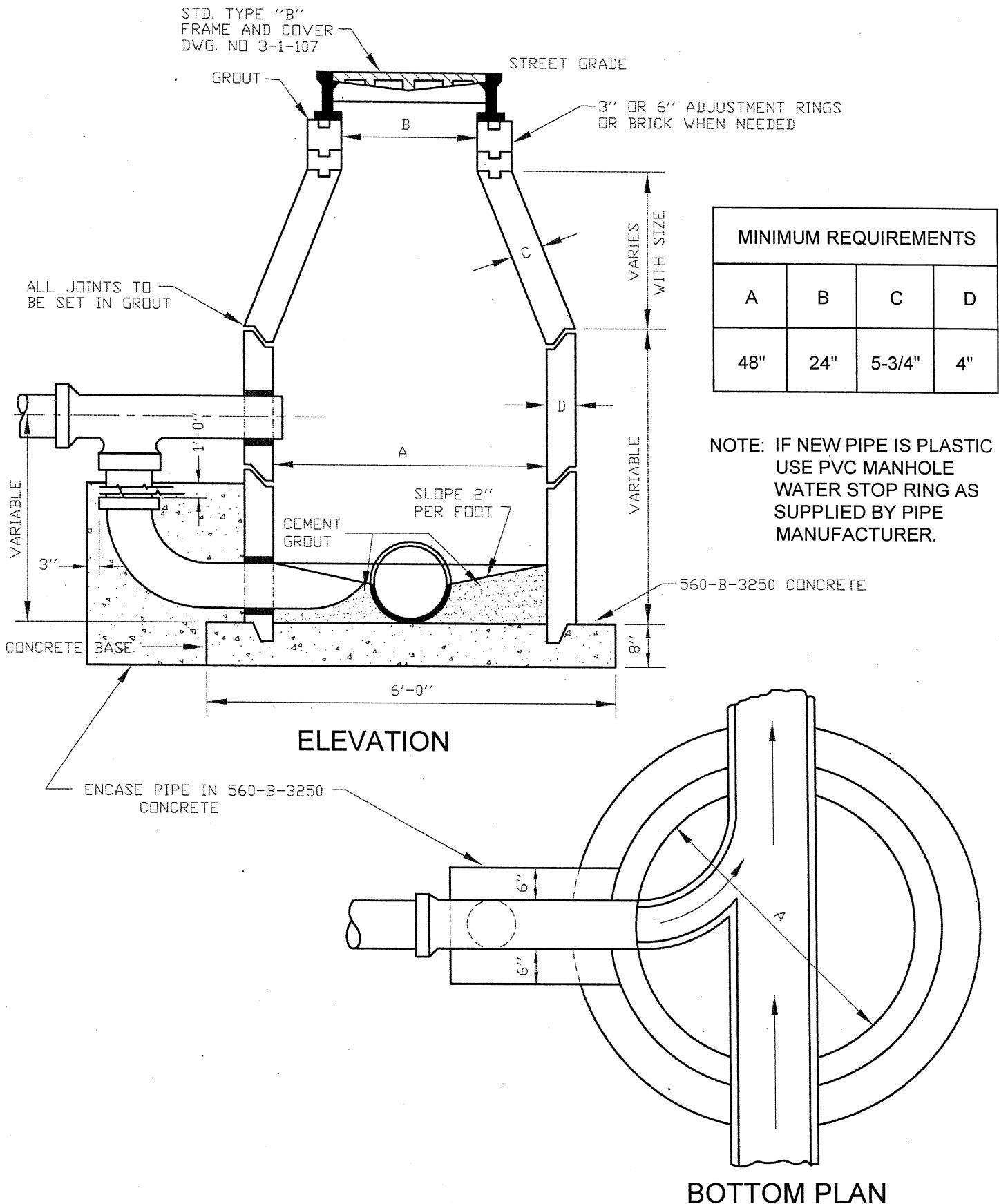


ENGINEERING DEPARTMENT

CALIFORNIA 94403

STANDARD TYPE "A" MANHOLE

DATE	DRAWN BY	CHECKED BY	APPROVED	CASE	DRAWER	SET
2002	PC	OC	<i>Harold Brains</i> CITY ENGINEER	3	1	104B

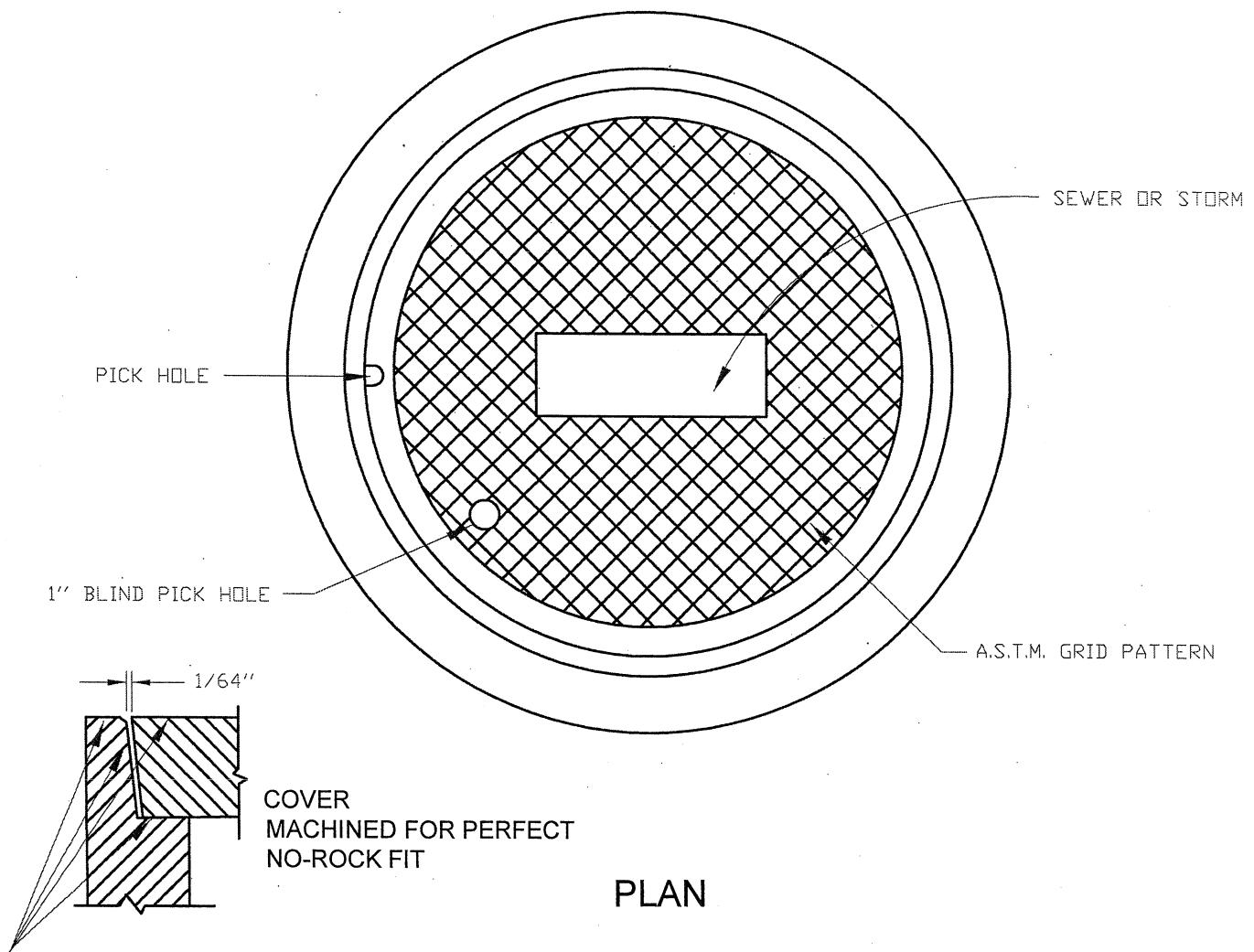


ENGINEERING DEPARTMENT

CALIFORNIA 94403

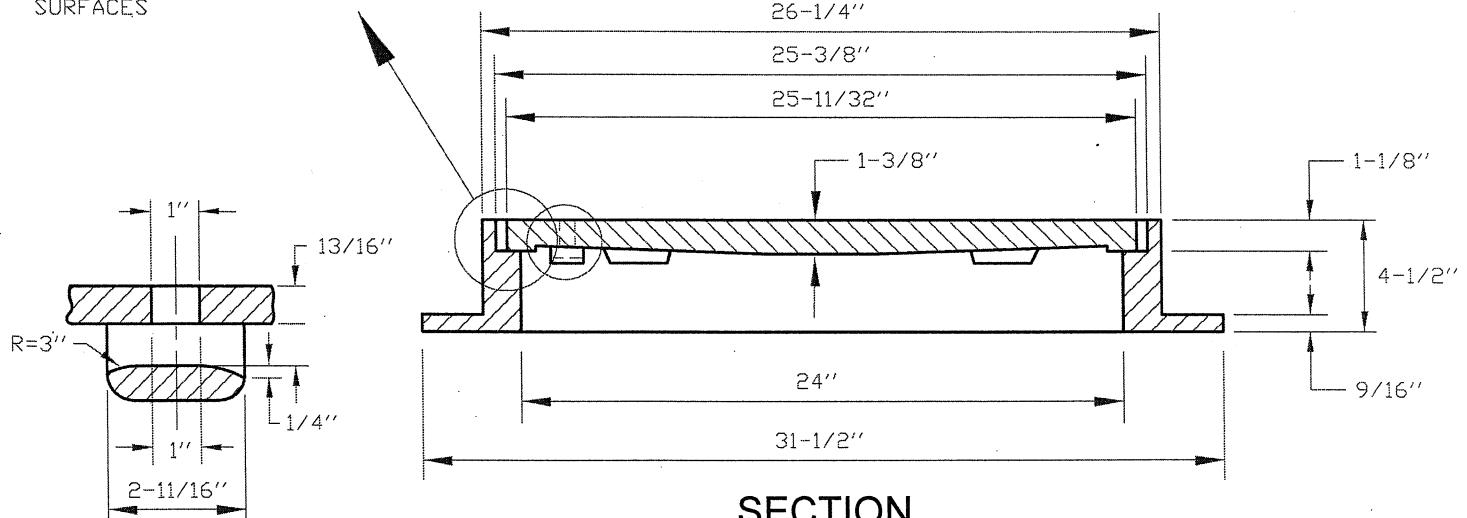
STANDARD PRECAST CONCRETE DROP MANHOLE

DATE	DRAWN BY	CHECKED BY	APPROVED	SIGNATURE	CASE	DRAWER	SET
2002	PC	OC		<i>Mark Stevens</i> CITY ENGINEER	3	1	105



PLAN

FRAME



SECTION

1" BLIND PICK HOLE

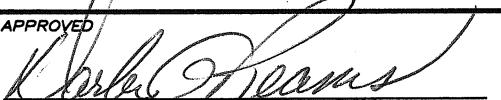
NOTE: PINKERTON FOUNDRY MODEL A-640, PHOENIX IRON WORKS MODEL P-1001 OR APPROVED EQUAL.



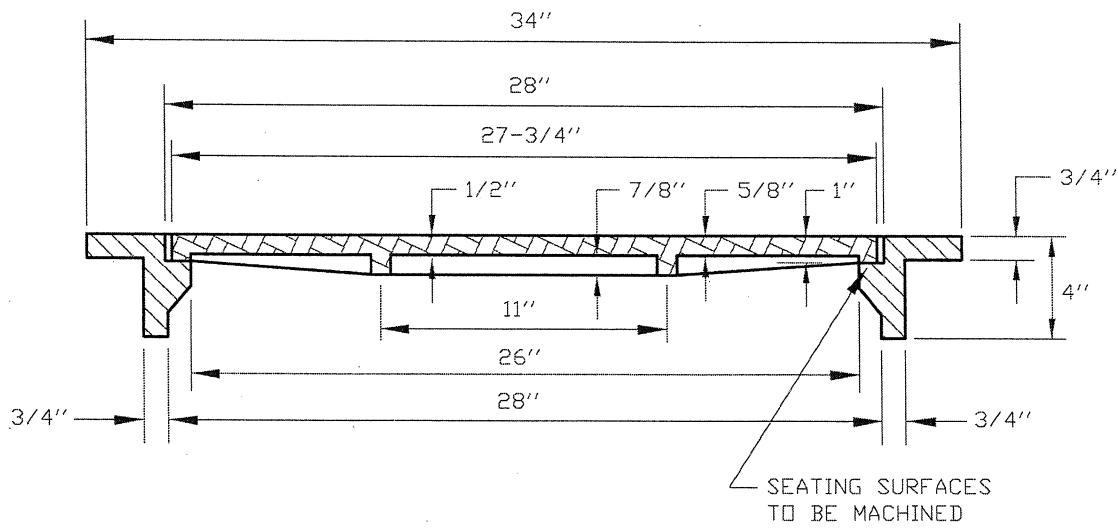
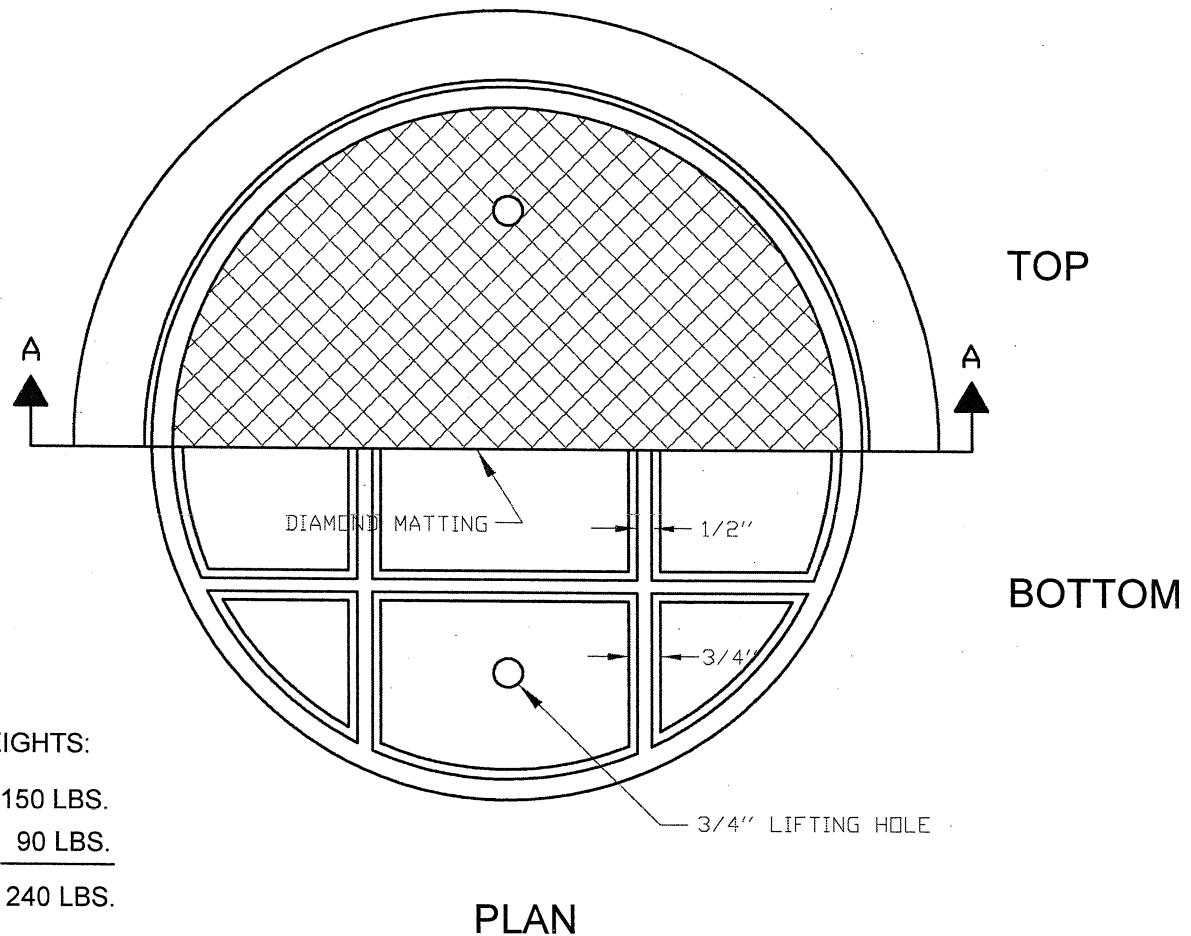
ENGINEERING DEPARTMENT

CALIFORNIA 94403

STANDARD TYPE "B" MANHOLE FRAME & COVER

DATE	DRAWN BY	CHECKED BY	APPROVED	CASE	DRAWER	SET
2002	PC	OC		3	1	107

CITY ENGINEER



SECTION A-A

NOTE: THIS FRAME AND COVER TO BE USED ONLY WHEN SPECIFIED ON PLANS. NOT TO BE USED IN VEHICULAR TRAVELED WAYS. (NOT TRAFFIC BEARING)

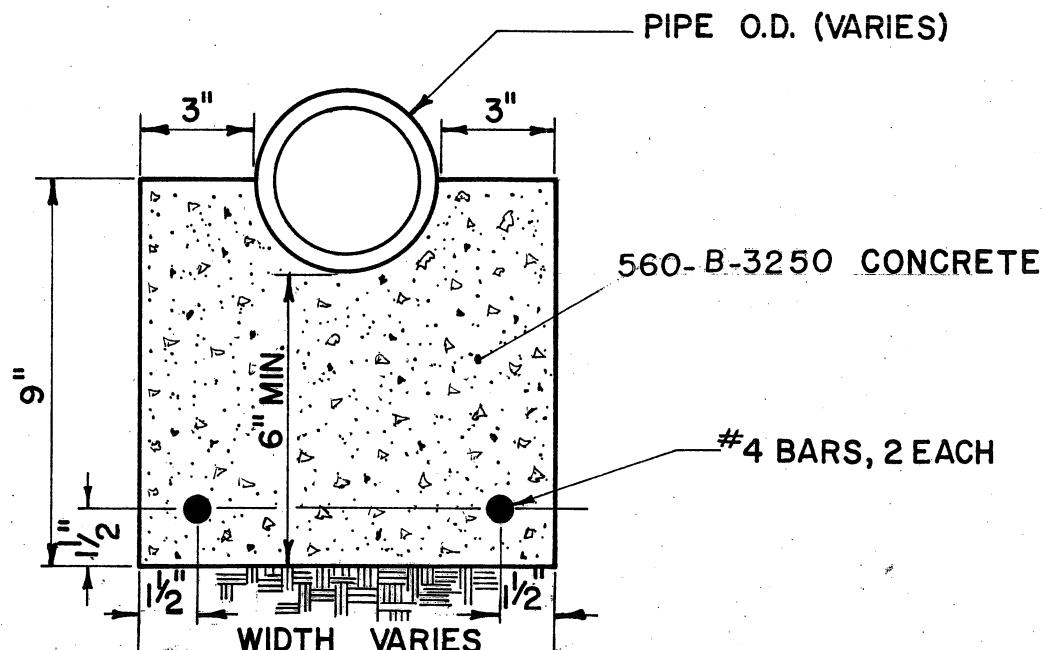
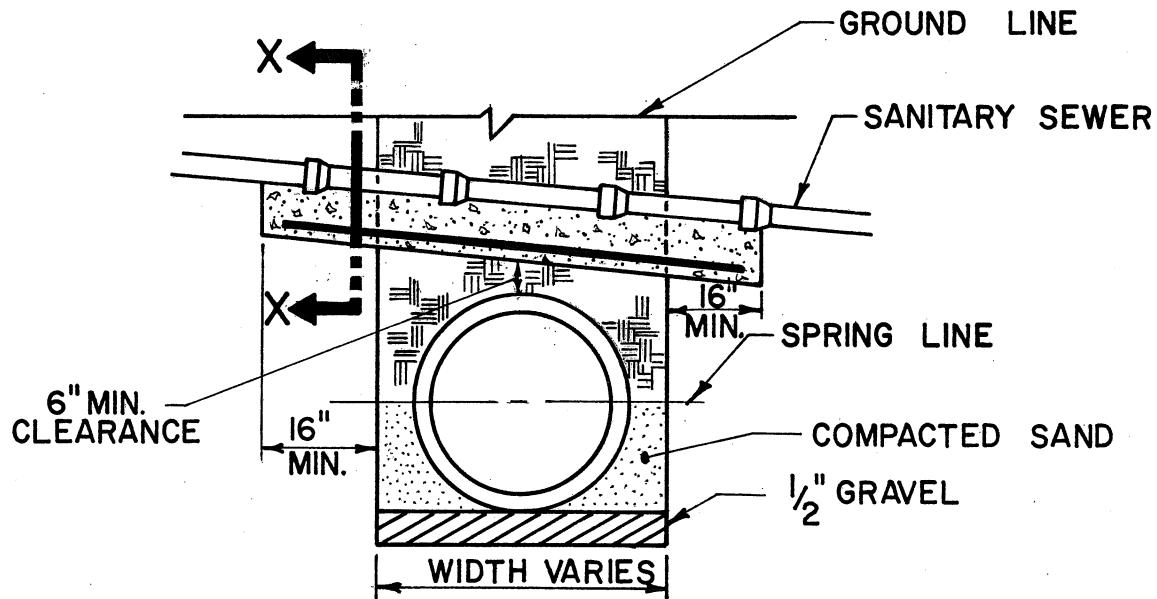


ENGINEERING DEPARTMENT

CALIFORNIA 94403

STANDARD TYPE "C" MANHOLE FRAME & COVER

DATE	DRAWN BY	CHECKED BY	APPROVED	CASE	DRAWER	SET
2002	PC	OC		3	1	108



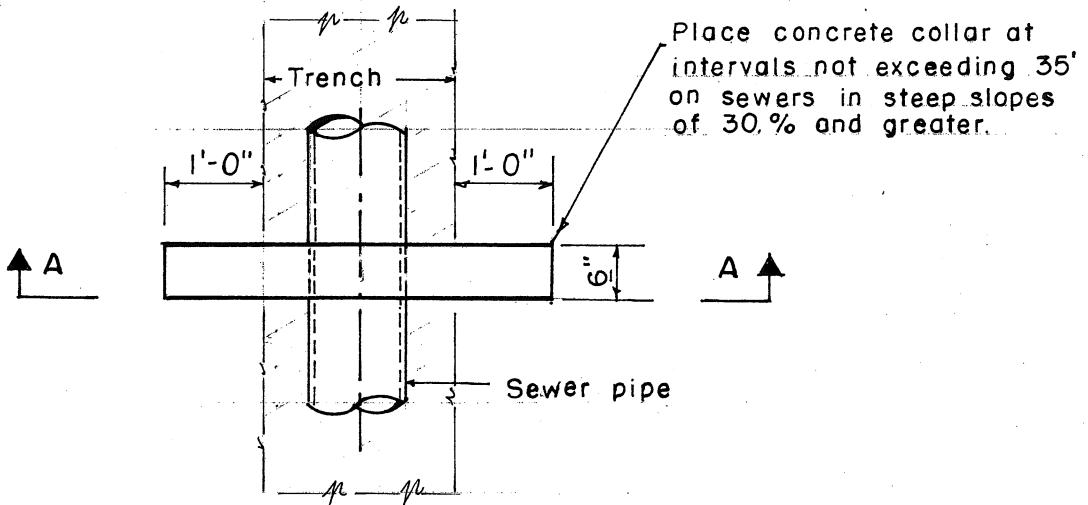
SECTION X-X

SAN MATEO

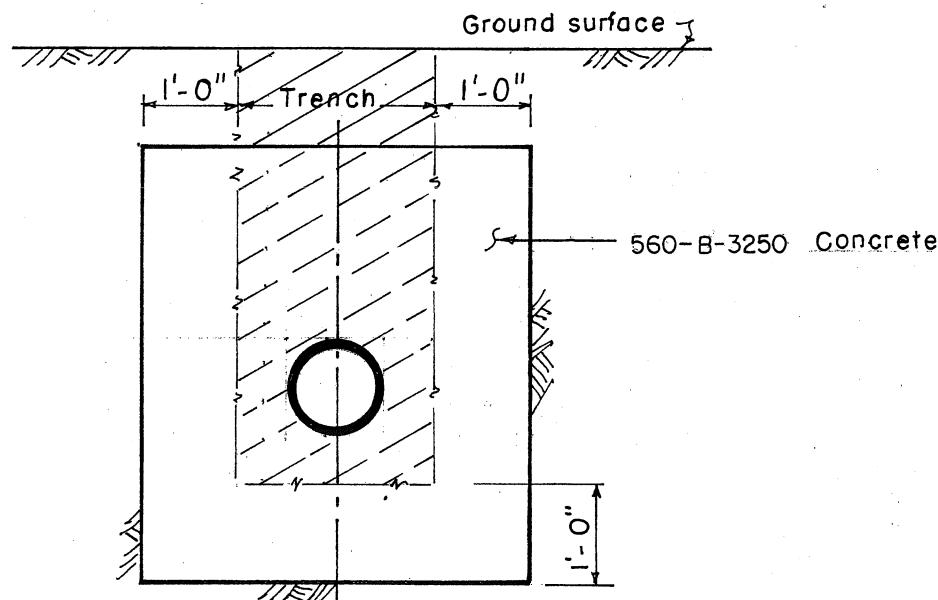
CALIFORNIA

STANDARD PIPE SUPPORT ACROSS TRENCH

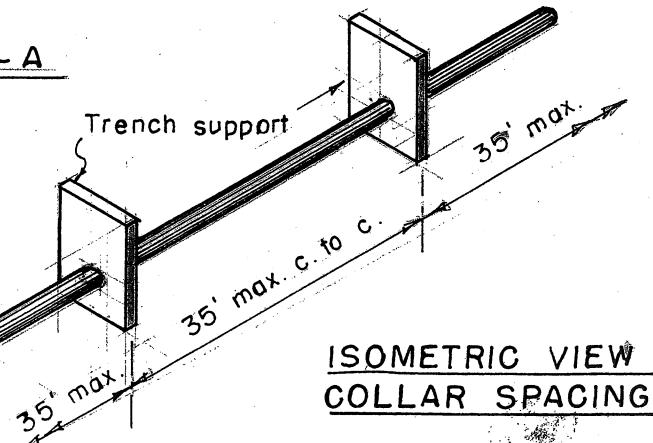
DATE	DRAWN BY	CHK. BY	APPROVED	PLAN CASE	DRAWER	SHEET
8-74	R.O.	T.L.	<i>D. D. Johnson</i> CITY ENGINEER	3	1	110



PLAN



SECTION A-A



ISOMETRIC VIEW
COLLAR SPACING

Not to scale

SAN MATEO

STANDARD

CALIFORNIA

TRENCH SUPPORT CONCRETE COLLAR

DATE SEPT. 1973	DRAWN BY L.B.	CHK. BY JDM	APPROVED 	DIRECTOR OF PUBLIC WORKS	PLAN CASE 3	DRAWER 1	SHEET III
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