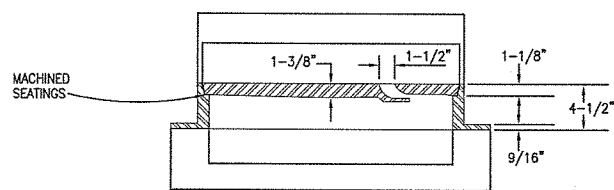
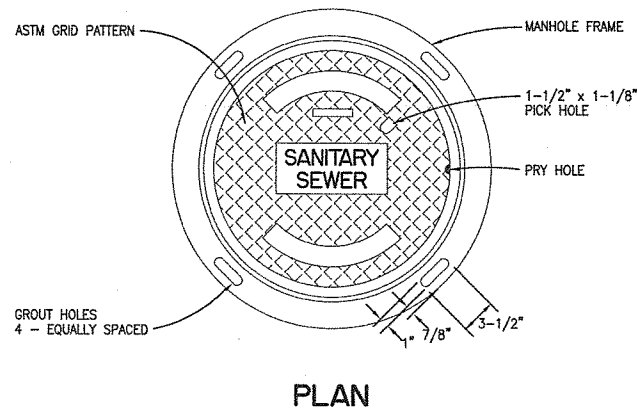


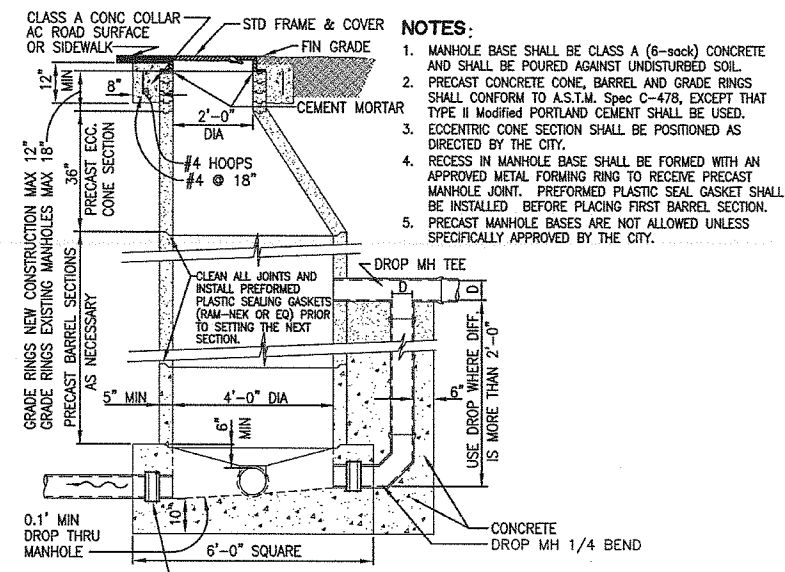
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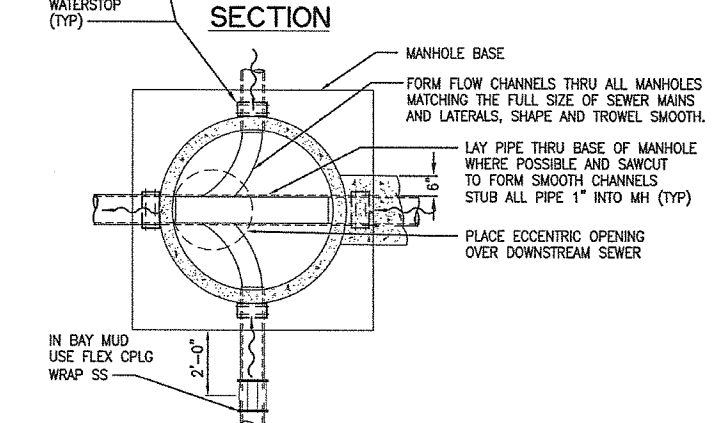
SECTION THRU FRAME AND COVER

- NOTES:**
1. MANHOLE FRAME AND COVER SHALL BE AS MANUFACTURED BY PHOENIX IRON WORKS, OAKLAND, NO. P-1090 OR APPROVED EQUIVALENT.
 2. FOR MANHOLES LOCATED IN SIDEWALK AREAS USE PHOENIX NO. P-1067 FRAME AND COVER OR APPROVED EQUIVALENT.
 3. MINIMUM WEIGHT OF FRAME IS 138 LBS. MINIMUM WEIGHT OF COVER IS 130 LBS.

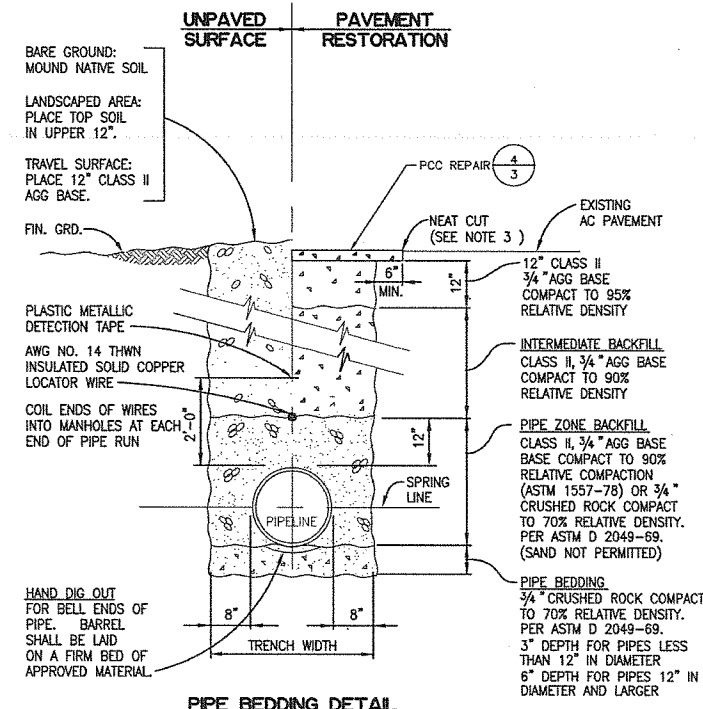
1 STANDARD MANHOLE FRAME AND COVER
NTS



- NOTES:**
1. MANHOLE BASE SHALL BE CLASS A (6-sock) CONCRETE AND SHALL BE POURED AGAINST UNDISTURBED SOIL.
 2. PRECAST CONCRETE CONE, BARREL AND GRADE RINGS SHALL CONFORM TO A.S.T.M. Spec C-478, EXCEPT THAT TYPE II Modified PORTLAND CEMENT SHALL BE USED.
 3. ECCENTRIC CONE SECTION SHALL BE POSITIONED AS DIRECTED BY THE CITY.
 4. RECESS IN MANHOLE BASE SHALL BE FORMED WITH AN APPROVED METAL FORMING RING TO RECEIVE PRECAST MANHOLE JOINT. PREFORMED PLASTIC SEAL GASKET SHALL BE INSTALLED BEFORE PLACING FIRST BARREL SECTION.
 5. PRECAST MANHOLE BASES ARE NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY.

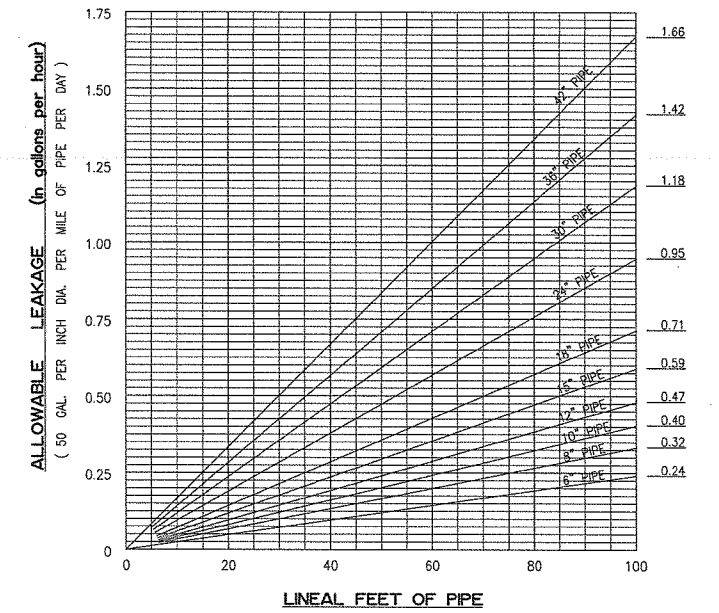


2 STANDARD SEWER MANHOLE
NTS



- NOTES:**
1. INSTALL 4' LONG COMPACTED IMPERVIOUS CLAY OR SLURRY CEMENT PLUGS IN PIPE ZONE BACKFILL AND PIPE BEDDING AT 400' INTERVALS.
 2. ASPHALT THICKNESS SHALL CONFORM TO THE REQUIREMENTS OF THE AGENCY WITH JURISDICTION OVER STREET.
 3. CONSULT LOCAL JURISDICTION FOR ASPHALT CUTTING REQUIREMENTS.

3 TYPICAL TRENCH SECTION
NTS



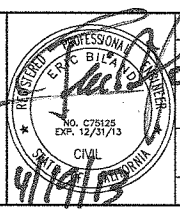
CONVERSION TABLE

DIA. OF PIPE OR M.H. IN INCHES	GAL PER FT. OF DEPTH IN PIPE OR M.H.	GAL PER INCH OF DEPTH IN PIPE OR M.H.
6" PIPE	1.5 GAL./FT.	0.125 GAL./IN.
8" PIPE	2.6 GAL./FT.	0.217 GAL./IN.
10" PIPE	4.1 GAL./FT.	0.342 GAL./IN.
15" PIPE	5.9 GAL./FT.	0.492 GAL./IN.
12" PIPE	9.2 GAL./FT.	0.766 GAL./IN.
24" PIPE	23.4 GAL./FT.	1.950 GAL./IN.
48" PIPE	52.7 GAL./FT.	4.390 GAL./IN.
36" M.H.	94.0 GAL./FT.	7.830 GAL./IN.
60" M.H.	147.0 GAL./FT.	12.250 GAL./IN.

4 ALLOWABLE LEAKAGE CHART WATER TEST
NTS



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DESIGNED BY EB/JS	DRAWN BY KT/BH	CHECKED BY EB/JS
PLANS PREPARED UNDER SUPERVISION OF: ERIC BILAND, P.E. REGISTERED CIVIL ENGINEER		
SEPTEMBER 2013 DATE	75125 RCE NO.	



**SANITARY SEWER PLANS
STANDARD DETAILS**
 CITY OF SAUSALITO 2013 STREET IMPROVEMENT PROJECT

DRAWING NO SS-05
SHEET 25 of 27
JOB No. 097901001

K:\SAC_DEV\097901001 - Sausalito Sanitary Sewer\Drawings\CD\Plan Sheets\25 SS-05 - DETAILS.dwg, Layout:25 SS-05 - STANDARD DETAILS Apr 17, 2013 - 10:36am Plotted by: timothykim