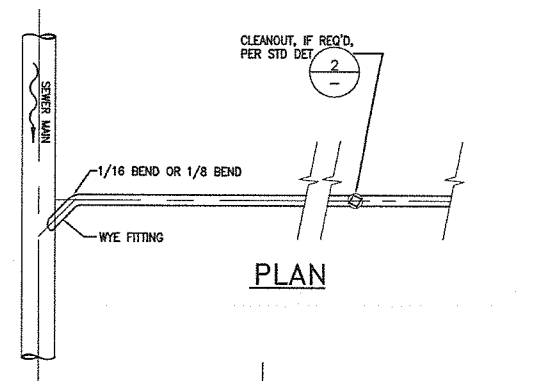
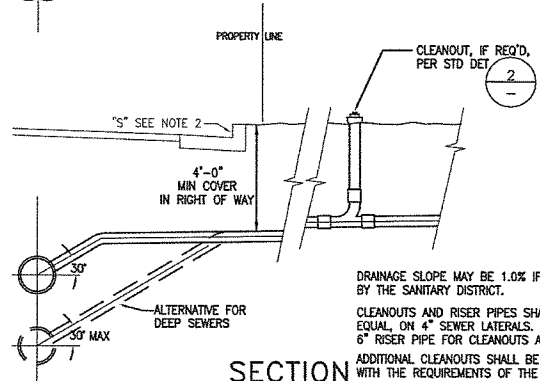


This document, together with the concepts and designs presented herein, is intended only for the specific purpose and site for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



PLAN



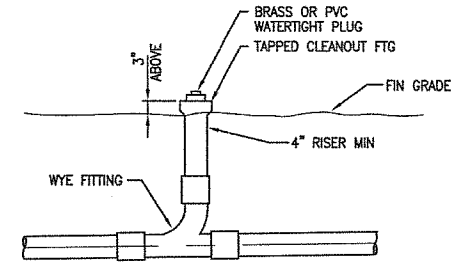
SECTION

DRAINAGE SLOPE MAY BE 1.0% IF APPROVED IN ADVANCE BY THE SANITARY DISTRICT.
 CLEANOUTS AND RISER PIPES SHALL BE 4" I.D., CI OR EQUAL ON 4" SEWER LATERALS. 6" LATERALS SHALL HAVE 6" RISER PIPE FOR CLEANOUTS AND RISER PIPES.
 ADDITIONAL CLEANOUTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE UNIFORM PLUMBING CODE.

- NOTES:**
- WHEN A LATERAL SEWER IS INSTALLED IN ADVANCE OF THE BUILDING SEWER, IT SHALL BE TERMINATED AT OR NEAR THE PROPERTY LINE. THE END OF THE LATERAL SHALL BE MARKED WITH A 4" x 4" REDWOOD STAKE.
 - WHERE CONCRETE CURBS AND GUTTERS EXIST OR ARE TO BE A PART OF AN IMPROVEMENT, EACH SIDE SEWER SHALL BE PERMANENTLY LOCATED BY IMPRINTING OR CHISELING AN "S" (3" size) IN THE FACE OF THE CURB VERTICALLY ABOVE THE SEWER PIPE.
 - BACKFILL SHALL NOT BE PLACED UNTIL PIPE INSTALLATION HAS BEEN INSPECTED AND APPROVED BY THE DISTRICT.
 - LATERAL TRENCHES SHALL BE THE SAME AS TYPICAL TRENCH DETAIL.
 - THE SIZE OF THE SEWER LATERAL OR MAIN MUST BE EQUAL TO OR LARGER THAN THE SIZE OF THE BUILDING DRAIN.
 - IN LATERAL ALIGNMENTS WHERE NO CLEANOUTS EXIST, CLEANOUTS SHALL BE PLACED AS PER STANDARD CLEANOUT DETAILS WITH A CHRISTY B9 WITH 61D15 LID OR APPROVED EQUAL AS DIRECTED BY THE DISTRICT.

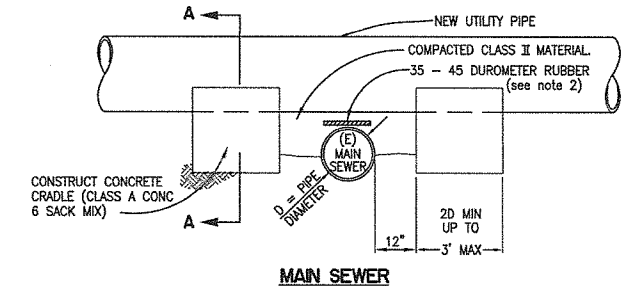
1 TYPICAL SIDE SEWER DETAILS
NTS

CLEANOUTS LOCATED UNDER PAVED DRIVEWAYS, WALKWAYS, ETC. SHALL BE RAISED TO GRADE AND INSTALLED IN PRECAST CONC METER BOXES FLUSH FITTED TO PAVING W/ GALVANIZED STEEL CHECKERED PLATE TRAFFIC LIDS MARKED "SEWER", CHRISTY B9 W/ 61D15 LID, OR EQUAL, AS DIRECTED BY THE DISTRICT.

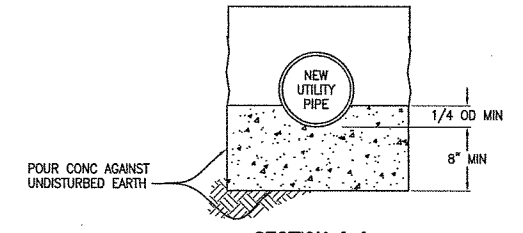


- NOTES:**
- A STANDARD 4" C.I. CLEANOUT IS THE MINIMUM DISTRICT REQUIREMENT.

2 STANDARD CLEANOUT
NTS



MAIN SEWER



SECTION A-A

- NOTES:**
- SEWER PROTECTION, AS DETAILED HEREON, SHALL BE PROVIDED WHEN A NEW UTILITY PIPE IS INSTALLED ABOVE AN EXISTING MAIN SEWER AND THE CLEARANCE IS LESS THAN 12".
 - WHEN THE CLEARANCE BETWEEN THE PIPES IS 1" OR LESS INSTALL A 4" x 4" PAD OF 35-45 DUROMETER RUBBER SNUGLY FIT BETWEEN THE PIPES.
 - EXISTING MATERIAL BETWEEN CRADLES TO MID DEPTH OF SEWER TO BE CAREFULLY EXCAVATED AND REPLACED WITH COMPACTED CLASS 2 AGGREGATE BASE.
 - BACKFILL SHALL NOT BE PLACED UNTIL PIPE INSTALLATION HAS BEEN INSPECTED AND APPROVED BY THE DISTRICT.

3 MAIN SEWER PROTECTION BELOW UTILITY CROSSING
NTS



Kimley-Horn and Associates, Inc.
 © 2013 KIMLEY-HORN AND ASSOCIATES, INC.
 6130 STONERIDGE MALL RD, STE 370 PLEASANTON, CA 94588
 PHONE: 925-398-4840 FAX: 925-398-4849
 WWW.KIMLEY-HORN.COM

DESIGNED BY: EB/JUS
 DRAWN BY: KT/BH
 CHECKED BY: ---
 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-06
SHEET	26 of 27
JOB No.	097901001

K:\SIC_LDEV\097901001 - Sausalito Sanitary Sewer\Design\CAD\Plan Sheets\26 SS-06 - DETAILS.dwg, Layout:26 SS-06 - STANDARD DETAILS Apr 17, 2013 10:30am Plotted by: timothykim