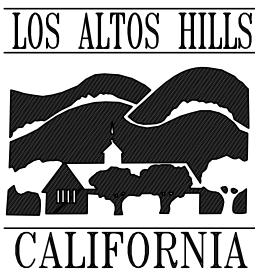


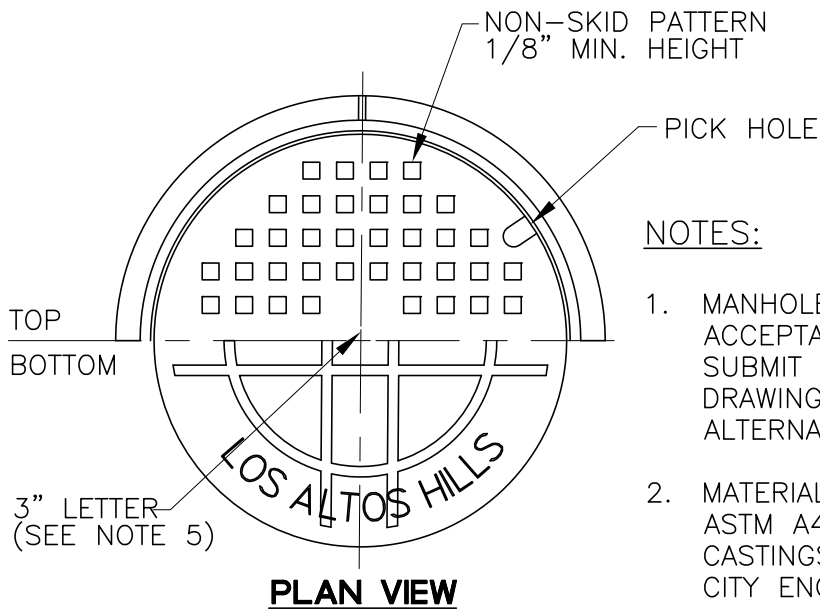
**SECTION A-A**

**NOTES:**

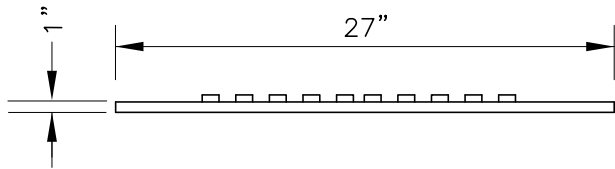
1. TERMINATE ALL PIPES FLUSH WITH INSIDE WALL OF MANHOLE.
2. CHANNELS TO BE FORMED TO APPROXIMATE WIDTH, SIZE AND SHAPE, OF PIPE AND FINISHED WITH GROUT. THICKNESS OF GROUT TO BE APPROXIMATELY ONE HALF INCH (1/2"). CONTINUE SLOPE OF PIPE THROUGH MANHOLE, 2% MINIMUM SLOPE.
3. WHEN FOUR (4) LINES COME INTO A MANHOLE, THE TWO LINES WHICH EMPTY INTO THE MAIN CHANNEL ARE TO BE STAGGERED AND NOT SET SO THEY WILL EMPTY IN AT THE SAME POINT.
4. ALL CONCRETE TO BE SIX (6) SACK.



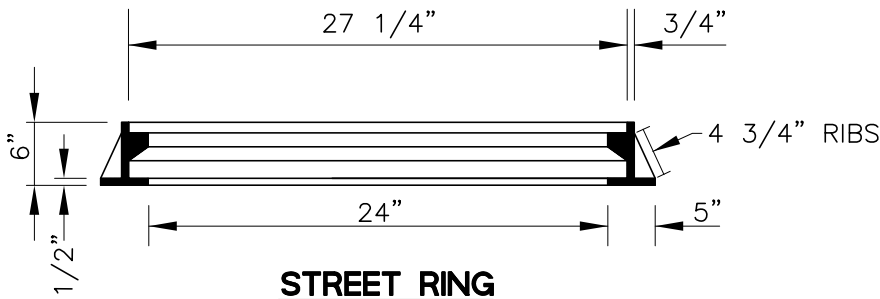
TITTLE			<b>SANITARY SEWER MANHOLE</b>		
ADOPTED BY CITY COUNCIL DATE:		SCALE: NONE	<b>SS-1</b>		
1/13/2011		DATE: 1/4/2011			
		CHK: RC			
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**PLAN VIEW**



**COVER**

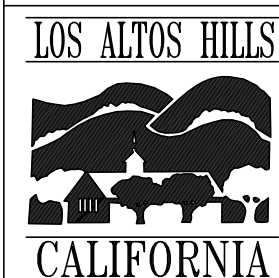


**STREET RING**

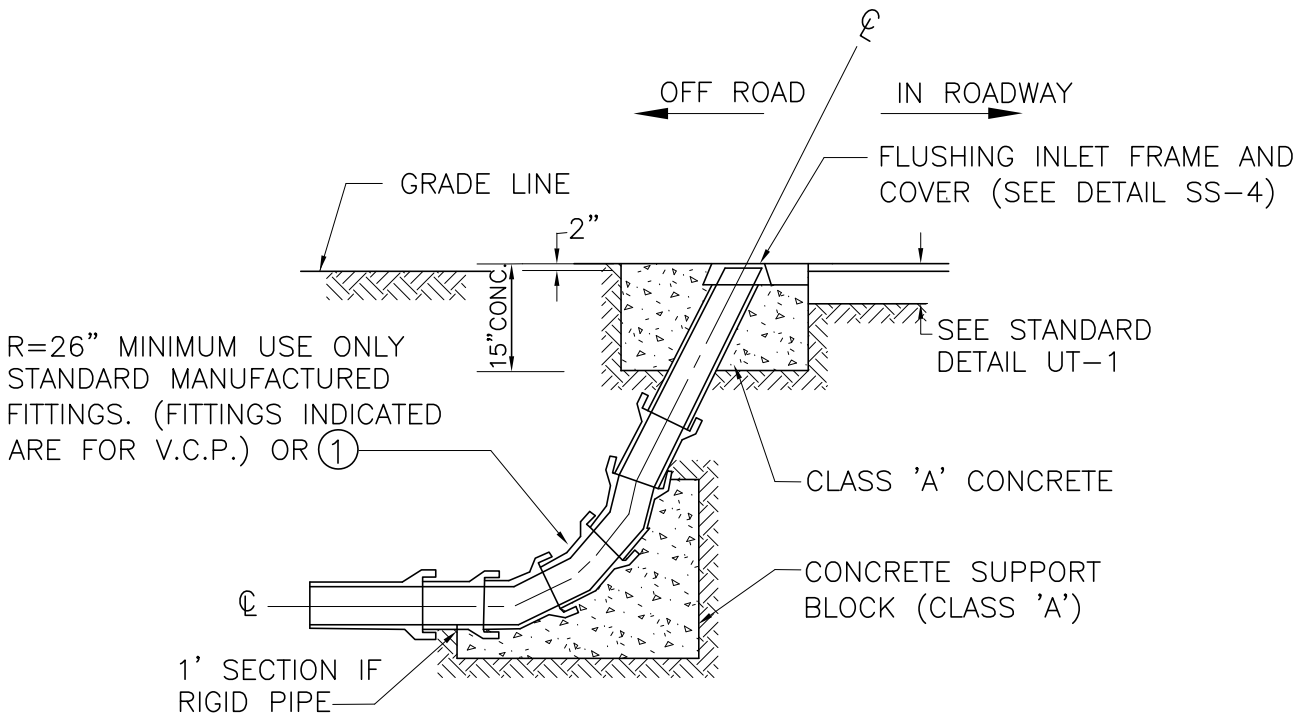
NOTES:

1. MANHOLE FRAME & COVER SHOWN ARE ACCEPTABLE CASTINGS. CONTRACTOR SHALL SUBMIT FOR APPROVAL COMPLETE DRAWINGS AND SPECIFICATIONS OF ALTERNATE CASTINGS PROPOSED.
2. MATERIAL SHALL BE GRAY CAST IRON PER ASTM A48 CLASS 35B. ALTERNATIVE CASTINGS SHALL BE APPROVED BY THE CITY ENGINEER.
3. STREET MANHOLE COVERS AND FRAMES SHALL BE DESIGNED TO SUPPORT A WHEEL LOAD OF 16,000 POUNDS PLUS 25% ALLOWANCE FOR IMPACT.
4. ALL BEARING SURFACES SHALL HAVE A MACHINED FIT.
5. COVERS SHALL BE INSCRIBED "LOS ALTOS HILLS" AND HAVE THE FOLLOWING LETTER DESIGNATIONS:  
S – SANITARY SEWER  
D – DRAINAGE  
NO LETTER – ALL OTHER USES

REV 1 (1/3/2022) - REVISED COVER DETAIL



TITLE			<b>MANHOLE FRAME AND COVER</b>	
ADOPTED BY CITY COUNCIL DATE:		SCALE: NONE	STANDARD DETAIL <b>SS-2</b>	
1/13/2011		DATE: 1/4/2011		
		CHK: RC		
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LOS ALTOS HILLS



CALIFORNIA

TITLE

FLUSHING INLET

ADOPTED BY CITY COUNCIL DATE:

1/13/2011

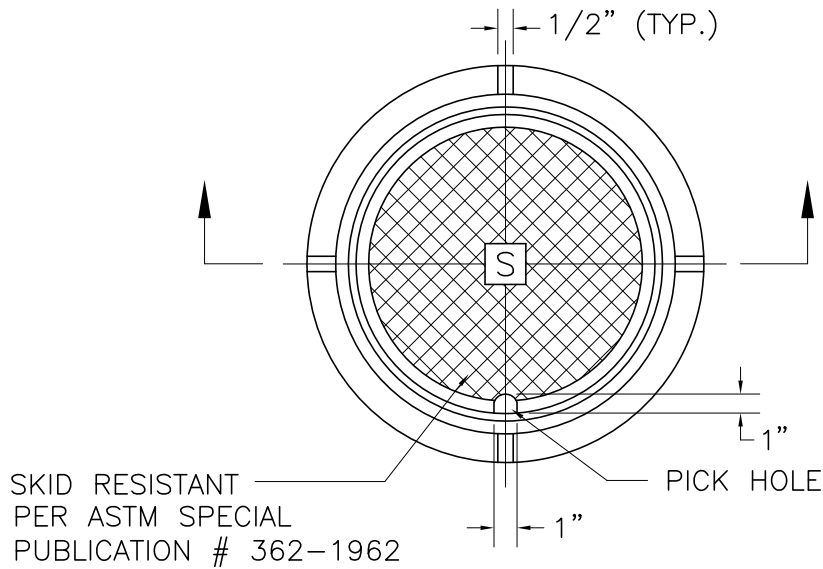
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DATE: 1/6/2011

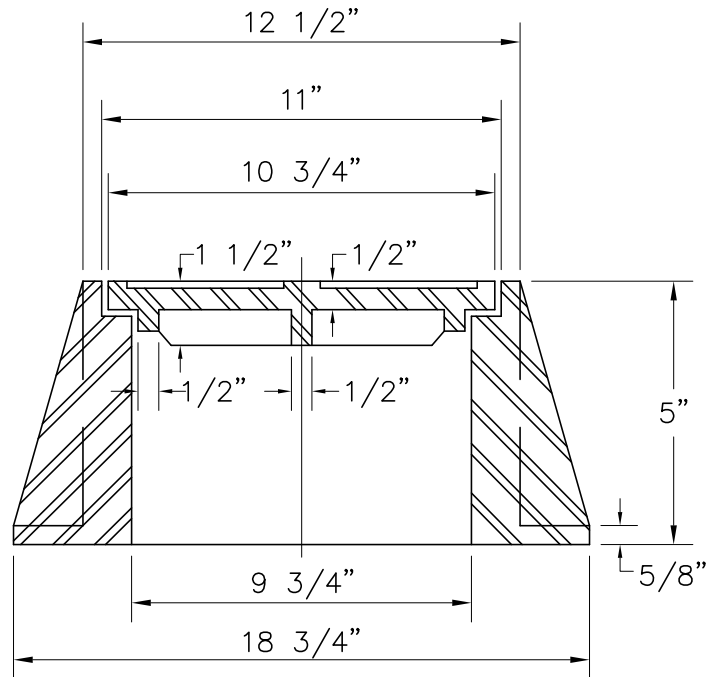
CHK: RC

STANDARD DETAIL

SS-3



\* ALL MATERIALS USED SHALL CONFORM TO ASTM SPEC.  
 A-159-64T-G3000 OR U.S. GOV'T SPEC. QQ1-653



LOS ALTOS HILLS



CALIFORNIA

TITLE

FLUSHING INLET FRAME AND COVER

ADOPTED BY CITY COUNCIL DATE:

1/13/2011

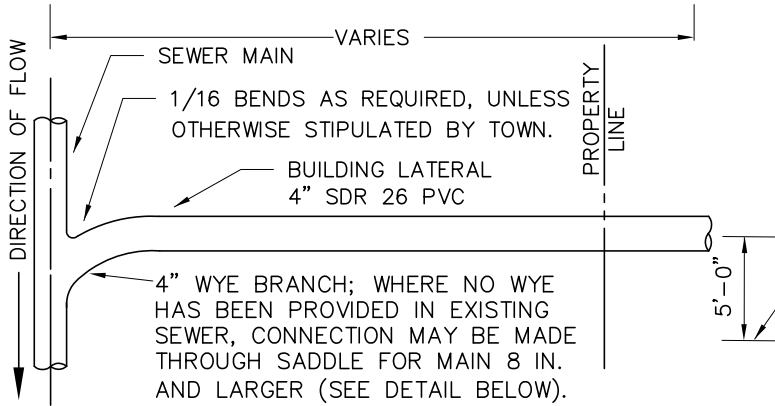
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DATE: 1/4/2011

CHK: RC

STANDARD DETAIL

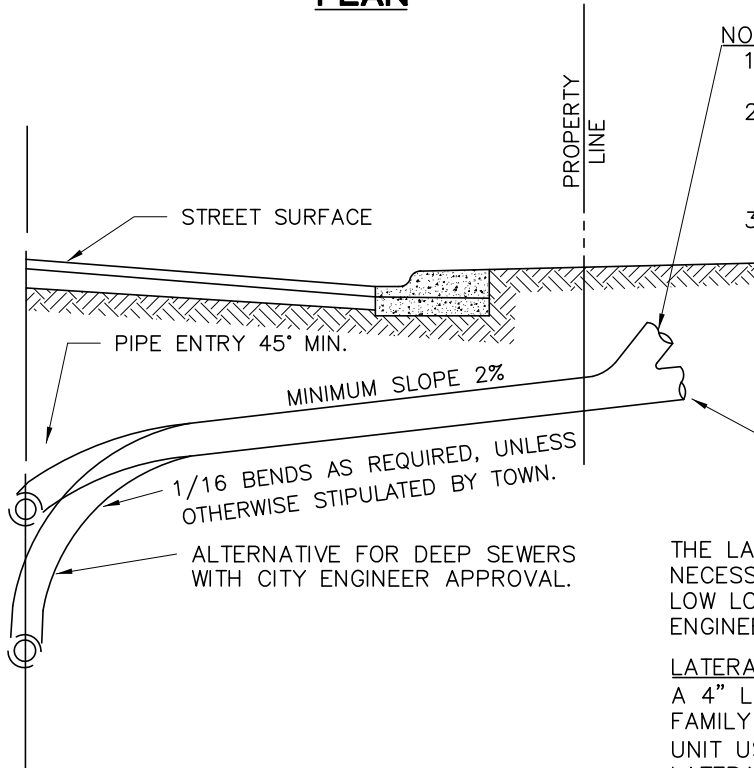
SS-4



ON NEW CONSTRUCTION—LATERAL TO BE PLACED 5' FROM LOWER LOT LINE UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE WYE LATERAL AND PROPERTY LINE CLEAN OUT SHALL BE OF THE SAME MATERIAL

5'-0" LOWER LOT LINE IN RELATION TO SEWER FLOW

**PLAN**



**NOTE:**

1. SEE TOWN OF LOS ALTOS HILLS CLEANOUT DETAIL SS-6.
2. SEWER LATERAL LOCATION TO BE MARKED BY 4"x4"x4" REDWOOD POST (PAINTED WHITE), SET 2' INTO GROUND, AND MARKED "S" BY ROUTING OR BURNING.
3. REFER TO STANDARD DETAILS UT-1 AND UT-2 FOR TRENCH BACKFILL REQUIREMENTS.

4'-0" TO FLOW LINE

INSTALL STOPPER OR PLUG IF BUILDING LATERAL IS NOT CONNECTED AT THE SAME TIME

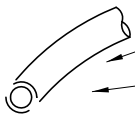
THE LATERAL SHALL BE LOWER WHERE NECESSARY TO SERVE EXISTING PLUMBING OR LOW LOTS OR WHEN DIRECTED BY THE ENGINEER.

LATERAL SIZES

A 4" LATERAL CAN BE USED FOR A SINGLE FAMILY RESIDENCE OR A SFR WITH A SECOND UNIT USING "WYE" CONNECTION. A MINIMUM 6" LATERAL SHALL BE USED FOR ALL OTHER DEVELOPMENTS.

**PROFILE**

METHOD OF ATTACHING LATERAL TO EXISTING SEWER WHERE NO WYE HAS BEEN PROVIDED



1/16 BENDS AS REQUIRED

- A. EXISTING MAIN < 8": FOR MEANS BY WHICH CONNECTION IS TO BE MADE TO MAIN LINE SEE DETAIL SS-7.
- B. EXISTING MAIN 10"-18": CONNECTION BY MEANS OF AN APPROVED SADDLE "TEE".
- C. EXISTING MAIN >18": CONNECTION SHALL BE AT A MANHOLE UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- D. CONNECTIONS TO TOWN MAIN REQUIRED AN INSPECTION BY PUBLIC WORKS.

LOS ALTOS HILLS



CALIFORNIA

TITLE

**SANITARY SEWER LATERAL**

ADOPTED BY CITY COUNCIL DATE:

1/13/2011

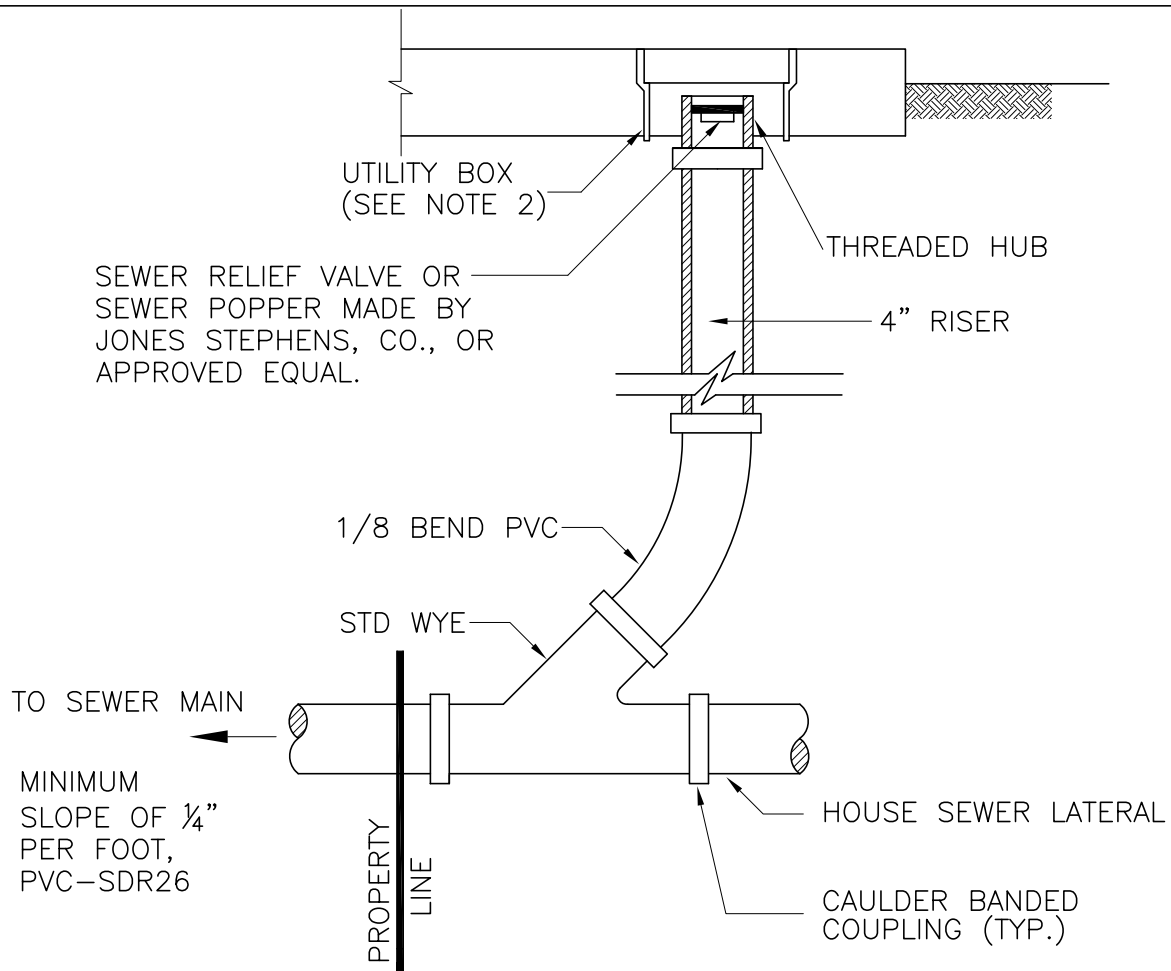
SCALE: NONE

DATE: 1/6/2011

CHK: RC

STANDARD DETAIL

SS-5



**NOTE:**

1. SEWER LATERAL FROM THE HOUSE SHALL BE CONSTRUCTED PER BUILDING DEPARTMENT REQUIREMENTS.
2. IN DRIVEWAY OR PLANTED AREA, USE CHRISTY TYPE G5 TRAFFIC BOX WITH G5C LID OR EQUAL. LID SHALL CONTAIN THE LETTERS "SEWER".
3. WHEN INSTALLED IN PLANTED AREAS, CLEANOUT BOX SHALL BE SET A MINIMUM OF 1-1/2" ABOVE GRADE.
4. OWNER IS RESPONSIBLE FOR MAINTENANCE, REPAIR, AND REPLACE OF LATERAL, FROM THE BUILDING TO THE MAIN CONNECTION INCLUDING THE WYE AT THE MAIN, SEWER RELIEF VALVE AND BACKFLOW PREVENTOR.
5. INSTALL BACKFLOW PREVENTOR "CLEAN CHECK" EXTENDABLE BACKWATER VALVE, OR APPROVED EQUAL, UPSTREAM OF PROPERTY LINE CLEANOUT.

**LOS ALTOS HILLS**



**CALIFORNIA**

TITLE

**VERTICAL SEWER LATERAL CLEANOUT**

ADOPTED BY CITY COUNCIL DATE:

1/13/2011

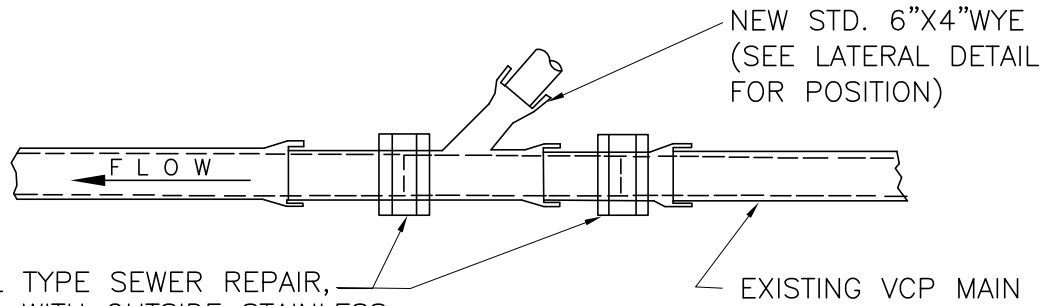
SCALE: NONE

DATE: 1/6/2011

CHK: RC

STANDARD DETAIL

**SS-6**

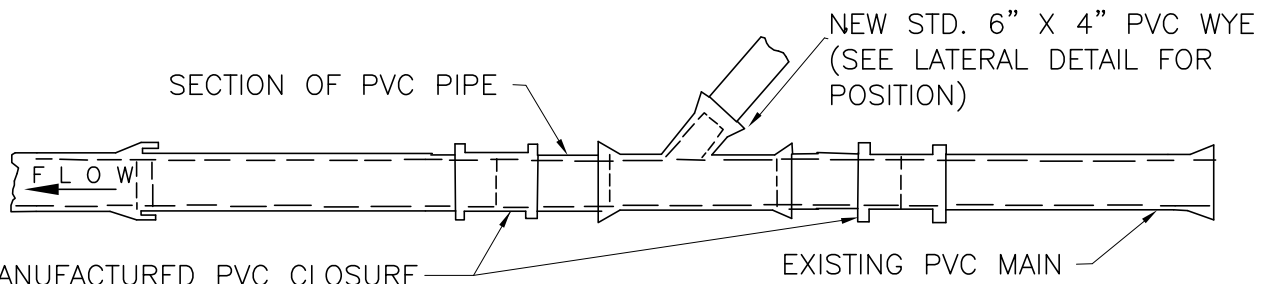


BANDSEAL TYPE SEWER REPAIR,  
COUPLING WITH OUTSIDE STAINLESS  
STEEL SHEAR RING.

**NOTE:**

THE NEWLY INSTALLED WYE SHALL BE OF THE SAME MATERIAL AS THE  
EXISTING MAIN.

**VITRIFIED CLAY (VCP)**



MANUFACTURED PVC CLOSURE  
COUPLING (NOT BANDED  
RUBBER COUPLING)

**NOTE:**

ALL PVC, PIPE AND FITTINGS SHALL BE SDR 26 AND SHALL HAVE  
RUBBER GASKETED JOINTS. SOLVENT WELDED JOINTS SHALL NOT BE  
ALLOWED

**POLYVINYL CHLORIDE PIPE (PVC)**

**NOTE:**

LATERAL CONNECTION INSTALLATION ON NEWLY INSTALLED PIPE WILL BE  
AS DIRECTED BY THE DEPARTMENT OF PUBLIC WORKS.

LOS ALTOS HILLS



CALIFORNIA

TITLE  
LATERAL CONNECTION TO EXISTING SEWER MAIN

ADOPTED BY CITY COUNCIL DATE:

1/13/2011

SCALE: NONE

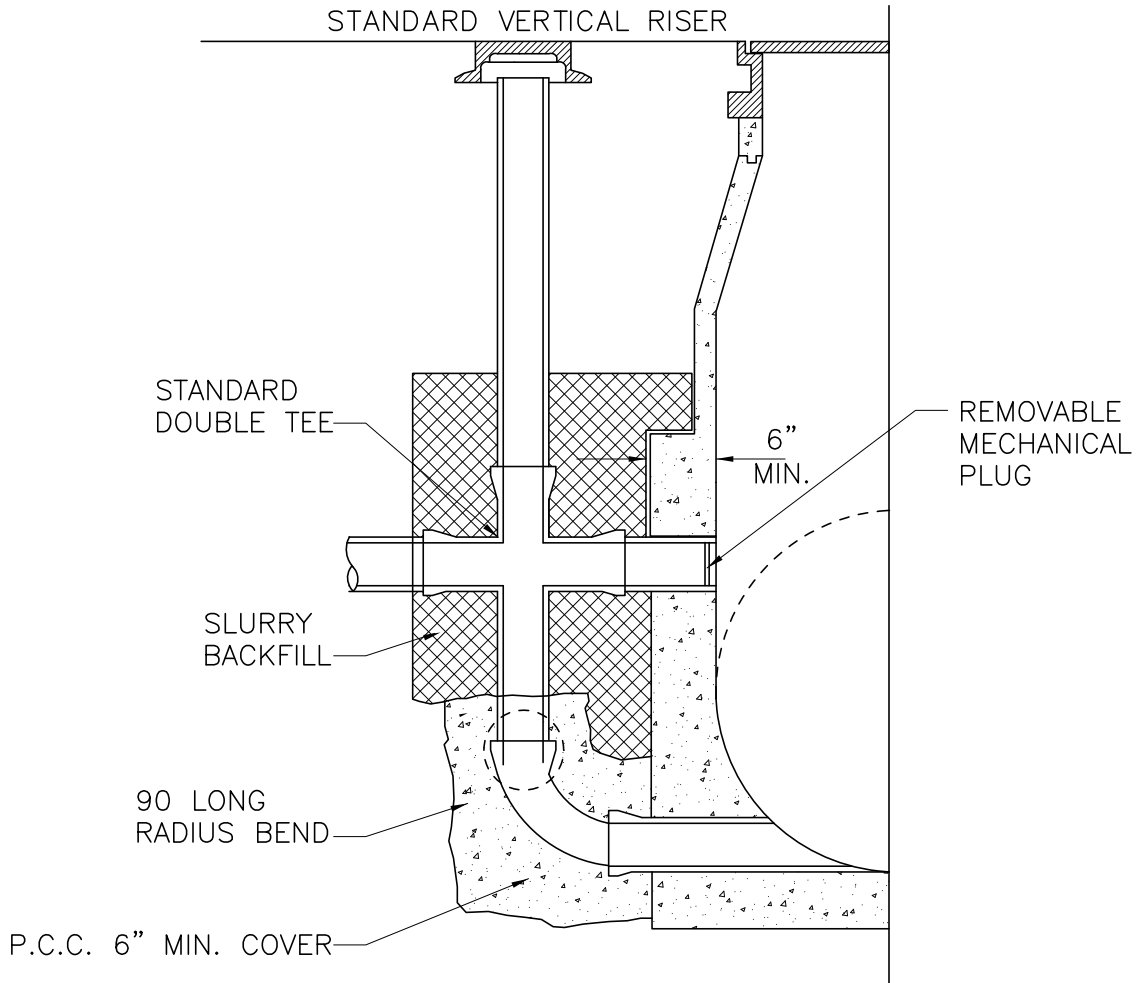
DATE: 1/4/2011

CHK: RC

STANDARD DETAIL

SS-7

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CALIFORNIA

TITLE

DROP MANHOLE CONNECTION

ADOPTED BY CITY COUNCIL DATE:

1/13/2011

SCALE: NONE

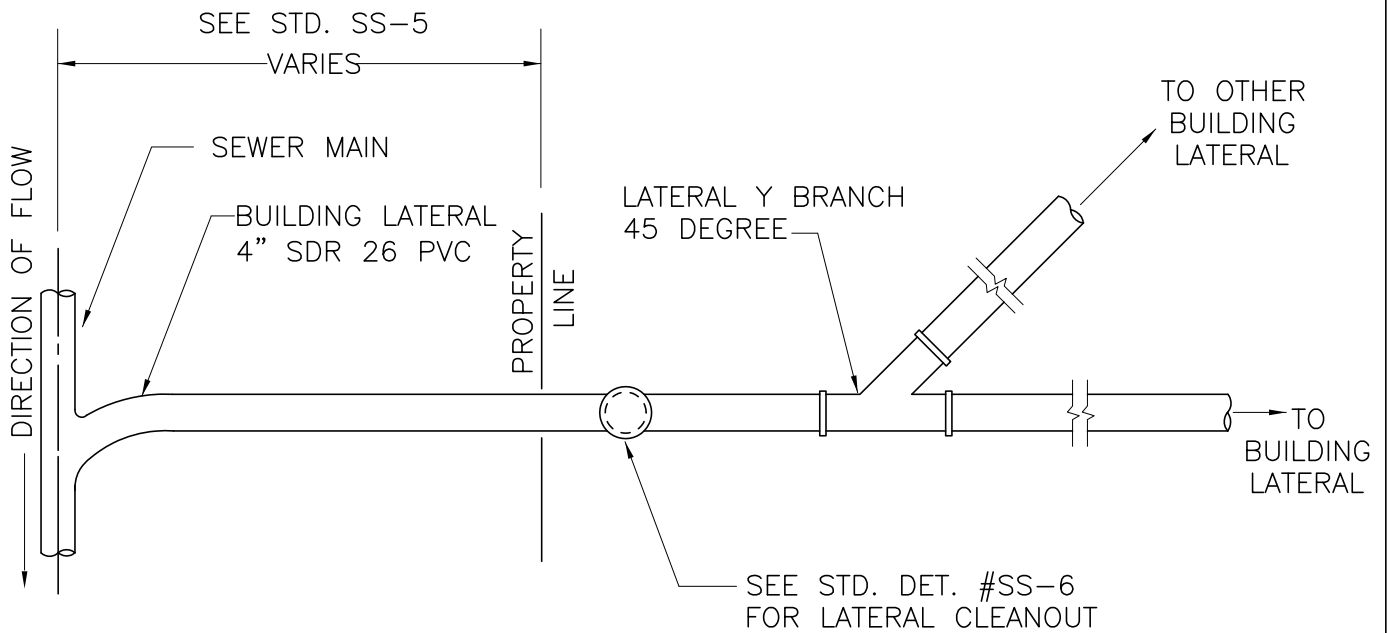
DATE: 1/4/2011

CHK: RC

STANDARD DETAIL

SS-8

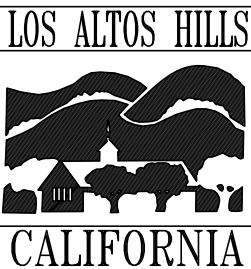


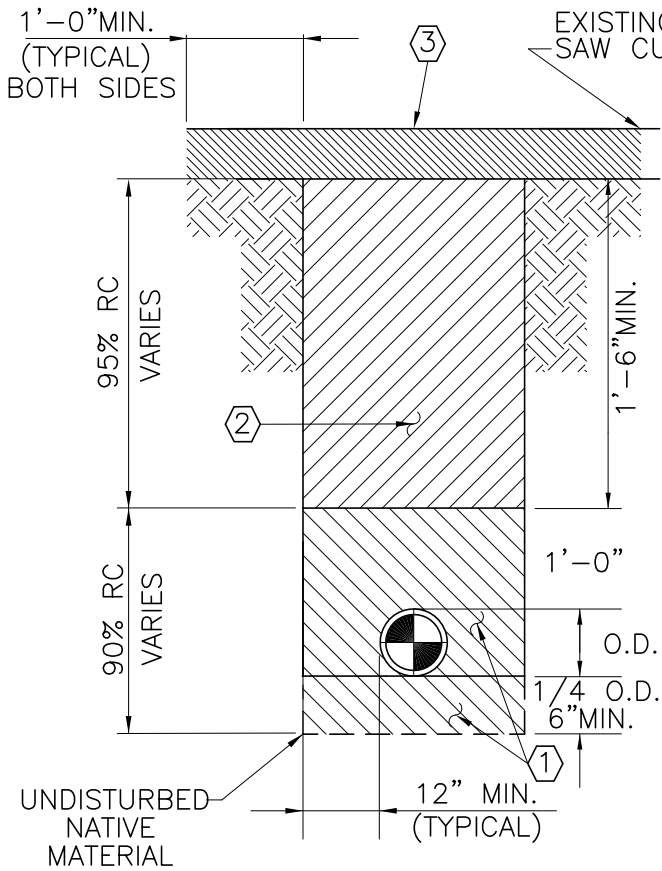


**PLAN**

**NOTE:**

SEPARATE HOUSES, BUILDINGS, AND LIVING QUARTERS ON THE SAME PROPERTY ARE TO BE PROVIDED WITH SEWER SERVICE THROUGH A SINGLE SERVICE CONNECTION USING A 45-DEGREE "Y" BRANCH LATERAL TO SUPPLY THE ENTIRE PREMISES, OR ANY COMBINATION THEREOF. A SEPARATE SEWER LATERAL MAY BE REQUIRED/APPROVED BY THE CITY ENGINEER.

	TITLE		WYE BRANCH LATERAL	
	ADOPTED BY CITY COUNCIL DATE:		SCALE: NONE	STANDARD DETAIL <b>SS-9</b>
	1/13/2011		DATE: 1/6/2011	
		CHK: RC		
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**NOTES:**

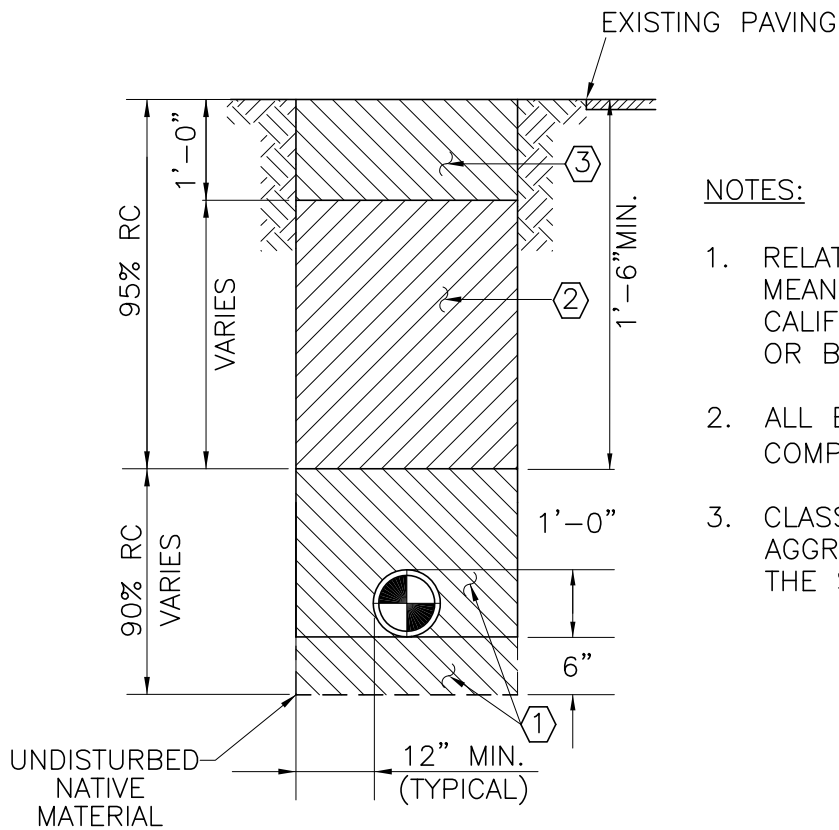
1. RELATIVE COMPACTION (RC) SHALL MEAN COMPACTION AS DETERMINED BY CALIFORNIA COMPACTION TEST METHOD OR BY ASTM METHODS.
2. ASPHALT CONCRETE TO BE CLASS "B", 1/2" MAX. AGGREGATE PER SECTION 39 OF STATE STANDARD SPECIFICATIONS.
3. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN 6" MAXIMUM LIFTS.
4. CLASS 1 BEDDING AND CLASS 2 AGGREGATE BASE PER SECTION 26 OF THE STATE STANDARD SPECIFICATIONS.
5. IF THE EDGE OF THE TRENCH FALLS WITHIN 3' OF THE GUTTER OR SHOULDER EDGE, THE ENTIRE PAVEMENT SHALL BE REMOVED.

**LEGEND:**

- ① CLASS 1 BEDDING (3/4" DRAIN ROCK)
- ② CLASS 2 AGGREGATE BASE, 3/4" MAX.
- ③ 6" ASPHALT CONCRETE OR MATCH EXISTING DEPTH, WHICHEVER IS GREATER. AC SHALL BE PLACED IN 4" LIFTS MAX.
- ④ APPLY TACK COAT ON SAW CUT EDGES PER SECTION 94 OF STATE SPECIFICATIONS.



TITLE			BACKFILL DETAIL – STREET		
ADOPTED BY CITY COUNCIL DATE:		SCALE: NONE		STANDARD DETAIL	
1/13/2011		DATE: 1/4/2011		UT-1	
		CHK: RC			
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NOTES:

1. RELATIVE COMPACTION (RC) SHALL MEAN COMPACTION AS DETERMINED BY CALIFORNIA COMPACTION TEST METHOD OR BY ASTM METHODS.
2. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN 6" MAXIMUM LIFTS.
3. CLASS 1 BEDDING AND CLASS 2 AGGREGATE BASE PER SECTION 26 OF THE STATE STANDARD SPECIFICATIONS.

LEGEND:

- ① CLASS 1 BEDDING (3/4" DRAIN ROCK)
- ② NATIVE BACKFILL MATERIAL
- ③ WITHIN TOWN PATHWAYS, USE 6" STEVENS CREEK QUARRY CRUSHER FINES OVER 6" DRAIN ROCK (1/2") OR EQUAL AS APPROVED BY THE CITY ENGINEER. WITHIN SHOULDERS, USE 12" CLASS 2 AGGREGATE BASE, 3/4" MAXIMUM.

LOS ALTOS HILLS



CALIFORNIA

TITLE

BACKFILL DETAIL – SHOULDER/EASEMENT

ADOPTED BY CITY COUNCIL DATE:

1/13/2011

SCALE: NONE

DATE: 1/4/2011

CHK: RC

STANDARD DETAIL

UT-2

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