NOTES:

1. Cleanout box shall be Christy concrete type F08 Curb Valve Box with F08R lid marked "SEWER" when installed in location not subject to vehicular loading.
2. When installed in location subject to vehicular loading, cleanout box shall be Christy concrete type G05T Traffic Valve Box with G05T Traffic Lid marked "SEWER" and shall be provided with 8" concrete base.
3. Tape #8 Copper tracer wire at 3' interval with filament tape.
4. Lateral and riser shall be ASTM 3034, PVC SDR 26. PVC fittings shall be SDR 26, as per specifications.
5. Stamp "S" on top of curb for all new laterals.
6. Use PVC cleanout with threaded plug.
7. Use flexible non-shear rubber coupling with stainless steel shear band.
8. New sewer lateral shall be connected to existing sewer lateral with a rubber coupling. See Note 7.
9. To connect new lateral to existing main, use Flex-Seal Adjustable Repair Coupling (ARC) with continuous stainless steel shear ring, by Mission Rubber Company (800-854-9991) or approved equal.

NOT TO SCALE

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION

SANITARY SEWER LATERAL
(NEW CONNECTION TO EXIST. SEWER MAIN)

DATE: 11/25/19

STANDARD DETAIL

S - 1
SHT 1 OF 2
NOTES:
1. RUBBER SADDLES SHALL BE SEALED WITH AN ELASTOMERIC VULCANIZING SEALANT.
2. STAINLESS STEEL SERIES 300 BANDSCREW AND HOUSING SHALL BE USED FOR SADDLES AND RUBBER COUPLINGS.
3. RUBBER COUPLINGS SHALL BE FLEX-SHEAR ADJUSTABLE RUBBER COUPLING (ARC) WITH STAINLESS STEEL SHEAR RING.
4. THESE DETAILS WORK WITH SANITARY SEWER DETAIL S-1, SHEET 1 OF 2.
City of Redwood City
Engineering and Transportation
Sanitary Sewer Lamphole

DATE: 11/25/19

Profile

Detail "A"

C.I. Frame And Cover
(PHOENIX P-2004, ALHAMBRA
Foundry A-1240, Or Equal).
The word "SEWER" shall be
embossed on cover.

"T" Cone Stopper

3/8" Premoulded Bituminous
Fiber Expansion Paper

Pipe Riser Same Size
As Main Sewer

12" Length Of Straight Pipe

Minimum 4" Above
Upper Most Point Of "T"

Class 'A' Concrete—
per Caltrans Standard

1/8 Bend

3' Length

Class 'A' Concrete per Caltrans Standard

Sewer Main

Sewer Wye

Joint to Joint

Varies 6"

Varies

Plug

NOT TO SCALE
NOTES:

1. Cleanout box shall be Christy concrete type F08 Curb Valve Box with F08R lid marked "SEWER" when installed in location not subject to vehicular loading.
2. When installed in location subject to vehicular loading, cleanout box shall be Christy concrete type G05T Traffic Valve Box with G05CT Traffic Lid marked "SEWER" and shall be provided with 8" concrete base.
3. Laterals and risers shall be ASTM 3034, PVC SDR 26. PVC fittings shall be SDR 26, as per specifications.
4. To connect new lateral to existing main, use Electrofusion Saddle with Electrofusion Coupling and HDPE molded fittings.
5. Stamp "S" on top of curb for all new laterals.
6. Use PVC cleanout with threaded plug.
7. Use flexible non-shear rubber plug with stainless steel shear band.
8. New sewer lateral shall be connected to existing sewer lateral with a rubber coupling. See Note 7.
NOTE:
1. WORK WITH SANITARY SEWER LATERAL DETAIL S - 3, SHEET 1 OF 2.
NOTES:

1. Cleanout box shall be Christy concrete type F08 Curb Valve Box with F08R lid marked "SEWER" when installed in location not subject to vehicular loading.

2. When installed in location subject to vehicular loading, cleanout box shall be Christy concrete type G05T Traffic Valve Box with G05CT Traffic Lid marked "SEWER" and shall be provided with 8" concrete base.

3. Lateral and riser shall be ASTM 3034, PVC SDR 26. PVC fittings shall be SDR 26, as per specifications.

4. Stamp "S" on top of curb for all new laterals.

5. Use PVC cleanout with threaded plug.

6. Use flexible non-shear rubber coupling with stainless steel shear band.

7. New sewer lateral shall be connected to existing sewer lateral with a rubber coupling. See Note 7.

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION
SANITARY SEWER LATERAL
(NEW HDPE DR 17 CONNECTION TO EXIST.
VCP SEWER MAIN WITH NEW CIPP LINER)
NOTE:
1. WORK WITH SANITARY SEWER LATERAL DETAIL S-4, SHEET 1 OF 2.

ASSEMBLY DETAIL

STAINLESS STEEL BAND (TYPICAL)

NEW PVC SDR 26 SHORT PIPE

TRANSITION COUPLING

STRAP ON 45° RUBBER BRANCH SADDLE WITH BUILT-IN GASKET/LIP

EXISTING PIPE WITH BUILT-IN GASKET/LIP

STRAP-ON-WYE SADDLE ASSEMBLY

NEW PVC SDR 26 ELBOW

NEW PVC SDR 26 SHORT PIPE

TRANSITION COUPLING

CHAIN BREAK EXISTING PIPE (TYPICAL)

SEAL TOP AND BOTTOM INTERIOR OF WYE SADDLE WITH APPROVED EPOXY ADHESIVE

FLOW

STAINLESS STEEL BAND (TYPICAL)
NOTES:
1. Cleanout box shall be Christy concrete type F08 Curb Valve Box with F08R lid marked "SEWER" when installed in location not subject to vehicular loading.
2. When installed in location subject to vehicular loading, cleanout box shall be Christy concrete type G05T Traffic Valve Box with G05CT Traffic Lid marked "SEWER" and shall be provided with 8" concrete base.
3. Tape #8 Copper tracer wire at 3' interval with filament tape.
4. Lateral and riser shall be ASTM 3034, PVC SDR 26. PVC fittings shall be SDR 26, as per specifications.
5. Stamp "S" on top of curb for all new laterals.
6. Use PVC cleanout with threaded plug.
7. Use flexible non-shear rubber coupling with stainless steel shear band.
8. New sewer lateral shall be connected to existing sewer lateral with a rubber coupling. See Note 7.
NOTE:
1. WORK WITH SANITARY SEWER LATERAL DETAIL S - 4, SHEET 1 OF 2.
NOTES:

1. Cleanout box shall be Christy concrete type F08 Curb Valve Box with F08R lid marked "SEWER" when installed in location not subject to vehicular loading.
2. When installed in location subject to vehicular loading, cleanout box shall be Christy concrete type G05T Traffic Valve Box with G05CT Traffic Lid marked "SEWER" and shall be provided with 8" concrete base.
3. Lateral and riser shall be ASTM 3034, PVC SDR 26. PVC fittings shall be SDR 26, as per specifications.
4. Stamp "S" on top of curb for all new laterals.
5. Use PVC cleanout with threaded plug.
6. Use flexible non-shear rubber coupling with stainless steel shear band.
7. New sewer lateral shall be connected to existing sewer lateral with a rubber coupling. See Note 7.
NOTE:
1. THIS DETAIL WORK WITH SANITARY SEWER DETAIL S-6, SHEET 1 OF 2.
NOTES:

1. Cleanout box shall be Christy concrete type F08 Curb Valve Box with F08R lid marked "SEWER" when installed in location not subject to vehicular loading.
2. When installed in location subject to vehicular loading, cleanout box shall be Christy concrete type G05T Traffic Valve Box with G05CT Traffic Lid marked "SEWER" and shall be provided with 8" concrete base.
3. Tape #8 Copper tracer wire at 3' interval with filament tape.
4. Lateral and riser shall be ASTM 3034, PVC SDR 26. PVC fittings shall be SDR 26, as per specifications.
5. Stamp "S" on top of curb for all new laterals.
6. Use PVC cleanout with threaded plug.
7. Use flexible non-shear rubber coupling with stainless steel shear band.
8. New sewer lateral shall be connected to existing sewer lateral with a rubber coupling. See Note 7.
NOTE:
1. THIS DETAIL WORK WITH SANITARY SEWER DETAIL S-7, SHEET 1 OF 2.
NOTE:
1. The Anchor Block And Flex Restraint Device shall be installed only on HDPE Pipe End that connects to a new manhole.