

**REQUESTED BY:**

COUNTY OF SAN MATEO  
DEPARTMENT OF PUBLIC WORKS

**OFFER OF DEDICATION OF SANITARY SEWER MAIN EXTENSION**

**WITNESSETH**

**THAT, Russell and Deborah Margiotta**, hereinafter called "Developers" having participated in constructing an extension of a sanitary sewer main facility for transporting sewage from 220 Laning Drive in the Fair Oaks Sewer Maintenance District (District); and

**THAT, Developers** having completed construction of said facilities in compliance with the standards of construction required by the District.

**NOW THEREFORE, Russell and Deborah Margiotta** hereby offer approximately 256 linear feet of said sanitary sewer main and appurtenances, located within the public right-of-way in the vicinity of 205 and 220 Laning Drive, and 112 Jane Drive, to the District for ownership, operation, and maintenance. Said improvements offered for dedication are shown on Exhibit A attached hereto. Upon acceptance by the District, the Developers relinquish all rights, title, and interest in the said facilities and acknowledge that they shall become part of the District's public sanitary sewer system.

This Dedication shall be binding upon the undersigned, their heirs, executors, administrators, successors, transferees and assignees, with respect to said above-described facilities.

Executed this 15 day of 4, 2026, at County of San Mateo,  
California.

**"DEVELOPERS"**

**BY**

  
RUSSELL MARGIOTTA / Date 4/15/26

  
DEBORAH MARGIOTTA / Date 4/15/26

Please See Attached  
Acknowledgement  
From Notary Public

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of San Mateo

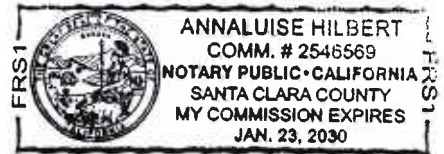
On 4 / 15 / 2026 before me, Annaluise Hilbert, Notary Public

personally appeared Russel Margiotta and Deborah Margiotta,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature A.H (Seal)



# EXHIBIT A

# LANING DRIVE SEWER MAIN EXTENSION

Woodside, California

### SHEET INDEX

SS-0.0	COVER PAGE, GENERAL NOTES
SS-1.0	NEW SEWER SERVICE PLAN
SS-2.0	COUNTY DETAILS
SS-2.1	COUNTY DETAILS & SPECIFICATIONS
SS-3.0	TRAFFIC CONTROL PLAN
SS-4.0	SWPPP CHECK LIST

### GENERAL NOTES

- TOPOGRAPHIC INFORMATION PROVIDED BY B&H SURVEY, JUNE 2017 AND UPDATED BY BGT LAND SURVEYING IN JANUARY 2023.
- CONTRACTOR/OWNER SHALL OBTAIN PERMIT FROM COUNTY HEALTH DEPARTMENT FOR THE DEMOLITION OF EXISTING SEPTIC TANKS (650-372-6200).
- OWNER IS RESPONSIBLE TO CONTACT NEIGHBORS AND MAKE THEM AWARE OF PROPOSED WORK, WITHIN THE EXISTING P.U.E. EASEMENTS.
- ALL DAMAGE TO LANDSCAPE AND FENCES, CAUSED BY PROJECT, SHALL BE REPAIRED IN A PROFESSIONAL MANNER, AS AGREED TO WITH OWNER.
- ALL SEWER WORK SHALL BE IN ACCORDANCE WITH THE FAIR OAKS MAINTENANCE DISTRICT, THE TOWN OF WOODSIDE, PLUMBING CODE, AND COUNTY HEALTH STANDARDS. COUNTY PUBLIC WORKS INSPECTOR SHALL BE PRESENT AT TIME OF THE INTO EXISTING SEWER MAIN.
- ALL SEWER PIPE SHALL BE PVC SDR 26 OR ABS, SLOPED AT 2% MINIMUM, UNLESS OTHERWISE SPECIFIED ON THE PLANS. PIPE SHALL BE SIZED AS SPECIFIED ON THE PLANS. ALL DIRECTION CHANGES SHALL BE MADE WITH A WYE CONNECTION.
- ALL TRENCHES SHALL BE BACKFILLED AND COMPACTED IN A PROFESSIONAL MANNER. BACKFILL PARTICLE SIZE SHALL NOT EXCEED 3" IN DIAMETER.
- THE PROPOSED SEWER LINE SHALL BE A "DIRECTIONAL BORE". FINAL SEWER LINE DEPTHS AND SLOPES SHALL BE DETERMINED BY THE BORING OPERATOR. FINAL SLOPES AND DEPTHS SHALL BE DOCUMENTED DURING BORING OPERATION AND A RECORD DRAWING SHALL BE PREPARED. SEWER LINE SHALL BE INSTALLED WITHIN EXISTING DOCUMENTED EASEMENTS.
- STOCKPILED MATERIAL SHALL BE COVERED WITH VISQUEEN OR A TARPULIN UNTIL THE MATERIAL IS REMOVED FROM THE SITE. ANY REMAINING BARE SOIL THAT EXISTS AFTER THE STOCKPILE HAS BEEN REMOVED SHALL BE COVERED UNTIL A NATURAL GROUND COVER IS ESTABLISHED OR IT MAY BE SEEDED OR PLANTED TO PROVIDE GROUND COVER PRIOR TO THE FALL RAINY SEASON.
- CONTRACTOR SHALL CONTROL DUST AS OFTEN AS REQUIRED BY THE CITY/COUNTY INSPECTOR.
- IF EROSION DEVELOPS IN A TEMPORARY EROSION PROTECTED AREA OR ANY ESTABLISHED VEGETATED AREA, THE CONTRACTOR SHALL IMMEDIATELY ALLEVIATE AND REMEDY THE PROBLEM AND TAKE PREVENTATIVE MEASURES TO MINIMIZE THE POSSIBILITY OF ITS REOCCURRENCE AND ALSO TO PREVENT THE RESULTING FLOW OF SOILS OR WATER WITH SUSPENDED SOILS FROM GETTING INTO THE TOWN'S DRAINAGE SYSTEM OR ANY NATURAL DRAINAGE CHANNEL OR DITCH.
- ALL DISTURBED AREAS SHALL BE LANDSCAPED OR PROTECTED.
- ALL DISTURBED SLOPES GREATER THAN 5:1 SHALL BE PROTECTED WITH EROSION BLANKET (STRAW OR FIBER).
- CONTRACTOR SHALL ADHERE TO NPDES (NATIONAL POLLUTION DISCHARGED ELIMINATION SYSTEM) BEST MANAGEMENT PRACTICES (BMP) FOR SEDIMENTATION PREVENTION AND EROSION CONTROL TO PREVENT DELETERIOUS MATERIALS OR POLLUTANTS FROM ENTERING THE TOWN OR COUNTY STORM DRAIN SYSTEMS.
- SITE CONDITIONS AT TIME OF PLACEMENT OF EROSION CONTROL MEASURES WILL VARY. THE CONTRACTOR SHALL ADJUST EROSION CONTROL MEASURES AS THE SITE CONDITIONS CHANGE AND AS THE NEED OF CONSTRUCTION SHIFT TO PREVENT EROSION AND SEDIMENTATION FROM LEAVING SITE.
- SILT FENCE(S) AND/OR FIBER ROLL(S) SHALL BE INSTALLED PRIOR TO SEPTEMBER 15 (PRIOR TO FIRST RAINY SEASON) AND SHALL REMAIN IN PLACE UNTIL THE LANDSCAPING GROUND COVER IS INSTALLED. CONTRACTOR SHALL CONTINUALLY MONITOR FENCES AND ROLLS, FOLLOWING AND/OR DURING ALL RAIN EVENTS, TO ENSURE FACILITIES ARE FUNCTIONING PROPERLY. SILT BUILD UP ON FACILITIES SHALL BE REMOVED REGULARLY, DISBURSED ON SITE, AND PROTECT FROM WASHING AWAY AGAIN.
- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH ALL TOWN, COUNTY AND STATE CODES. REFERENCED CODES SHALL INCLUDE THE 2020 CALIFORNIA BUILDING CODE (2020 IBC), THE 2007 CALIFORNIA PLUMBING CODE (2020 UPC), AND THE TOWN OF WOODSIDE MUNICIPAL CODE.

### STAGING NOTES:

- CONTRACTOR AND OWNER SHALL INFORM ALL WORKS, SUBS, AND EMPLOYEES THAT ALL PARKING SHALL BE ON SITE. PARKING ON LANING DRIVE OR JANE DRIVE IS FOR TEMPORARY PURPOSES. CONTRACTOR SHALL COORDINATE PROJECT TO IMPOSE THE LEAST IMPACT ON THE NEIGHBORING PROPERTIES. CONTRACTOR SHALL ASSIGN DESIGNATED AREAS FOR PARKING AND STAGING OF WORK, INGRESS/EGRESS HALTED.
- CONTRACTOR AND SUBS ARE RESPONSIBLE TO SECURE ALL BUILDING MATERIALS AND TOOLS IN THE STAGING AREA OR AS DESIGNATED BY CONTRACTOR.

### SAN MATEO COUNTY SEWER NOTES

- THE PROJECT MANHOLES, SEWER MAIN, SEWER LATERAL AND ALL CONNECTIONS SHALL BE CONSTRUCTED PER APPLICABLE SEWER DISTRICT STANDARD DETAILS AND TO THE SATISFACTION OF THE SEWER DISTRICT REPRESENTATIVE. SEE COUNTY NOTES AND SPECIFICATIONS ON SHEET SS-2.
- SANITARY SEWER CONNECTION AND TESTING MUST BE MADE IN THE PRESENCE OF A COUNTY SEWER DISTRICT REPRESENTATIVE. SEE NOTES ON SHEET SS-2.
- THE COUNTY SEWER DISTRICT OFFICE SHALL BE CONTACTED (650-363-4100) TO SCHEDULE INSPECTIONS. INSPECTIONS MUST BE SCHEDULED A MINIMUM OF ONE WORKING DAY PRIOR TO THE INSPECTION. NO INSPECTIONS SHALL OCCUR ON FRIDAYS, WEEKENDS, OR HOLIDAYS UNLESS SPECIAL ARRANGEMENTS ARE MADE WITH THE SEWER DISTRICT.
- SEWER INSPECTION PERMITS (SIP) MUST BE OBTAINED BY THE APPLICANT OR CONTRACTOR AFTER PLAN REVIEW APPROVAL FOR THE INSPECTION OF:
  - THE PROPOSED SEWER DISTRICT STANDARD CLEANOUT AT THE PROPERTY LINE.
  - THE LATERAL CONNECTION TO THE SEWER DISTRICT MANHOLE.
  - THE LATERAL BETWEEN THE PROPERTY LINE CLEANOUT AND THE SEWER DISTRICT MANHOLE.
  - THE SEWER MAIN EXTENSION.
  - THE PROPOSED SEWER MANHOLES.

SIPs MAY BE OBTAINED FROM THE SEWER DISTRICT OFFICE AT 555 COUNTY CENTER, 5TH FLOOR, REDWOOD CITY.
- CARE MUST BE TAKEN TO PROTECT THE EXISTING SEWER DISTRICT FACILITIES WHEN A NEW SEWER LATERAL AND CONNECTION IS INSTALLED. ANY DAMAGE TO THE SEWER DISTRICT FACILITIES DURING CONSTRUCTION SHALL BE REPAIRED BY THE APPLICANT'S CONTRACTOR PER THE SEWER DISTRICT'S STANDARD DETAILS, AT THE APPLICANT'S EXPENSE. THE SEWER DISTRICT MUST BE NOTIFIED OF ANY DAMAGES TO THE SANITARY SEWER FACILITIES AND ANY REPAIRS MUST BE INSPECTED BY THE SEWER DISTRICT'S REPRESENTATIVE.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE NO CONSTRUCTION DEBRIS ENTERS THE COUNTY SEWER SYSTEM. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS THAT HAS ENTERED THE EXISTING MANHOLE, AFTER CONNECTION HAS BEEN MADE. IF THE SEWER DISTRICT DISCOVERS THAT CONSTRUCTION DEBRIS HAS ENTERED THE SEWER SYSTEM, THE CONTRACTOR AND OWNER SHALL BE RESPONSIBLE TO CLEAN AND TELEVIEW THE DOWNSTREAM PORTIONS OF THE SEWER MAINS TO THE SEWER DISTRICT'S SATISFACTION. SANITARY SEWER SERVICE SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY (E.G. PUMPS, ETC.) TO MAINTAIN THIS SERVICE DURING CONSTRUCTION.
- THE PROPOSED SEWER MAIN CONNECTION SHALL BE APPROPRIATELY SIZED FOR THE SEWER LATERAL PIPE, PER COUNTY STANDARD DETAILS FOUND ON SHEET SS-2.
- A VIDEO INSPECTION OF THE SEWER MAIN EXTENSION (MANHOLE TO MANHOLE) SHALL BE PERFORMED BY THE APPLICANT AND SUBMITTED TO THE SEWER DISTRICT FOR REVIEW AFTER THE MAINLINE EXTENSION HAS BEEN COMPLETED. THE VIDEO INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS DESCRIBED IN THE SPECIAL PROVISIONS FOR CLOSED CIRCUIT TELEVISION INSPECTION OF SANITARY SEWER MAINS (A COPY CAN BE OBTAINED FROM OUR WEBSITE AT [HTTP://PUBLICWORKS.SMCGOV.ORG/SEWER-SERVICES](http://publicworks.smcgov.org/sewer-services)). THE SEWER DISTRICT WILL REVIEW THE VIDEO INSPECTION TO DETERMINE WHETHER THE WORK PERFORMED IS ACCEPTABLE. ALL UNACCEPTABLE WORK SHALL BE CORRECTED TO THE SEWER DISTRICT'S SATISFACTION AT THE APPLICANT'S EXPENSE.
- IF THE LOWEST FINISH FLOOR ELEVATION OF THE PROPOSED MAIN RESIDENCE WILL BE LESS THAN ONE (1) FOOT HIGHER THAN THE RIM ELEVATION OF THE NEAREST UPSTREAM SANITARY SEWER MANHOLE, A BACKFLOW PREVENTION OR OVERFLOW DEVICE MUST BE INSTALLED IMMEDIATELY UPSTREAM OF THE REQUIRED CLEANOUT NEAR THE PROPERTY LINE TO PREVENT BACKFLOW OF SEWAGE INTO THE BUILDING/PROPERTY.
 

A BACKFLOW PREVENTION OR OVERFLOW DEVICE IS RECOMMENDED, BUT NOT REQUIRED FOR THE 220 LANING DRIVE, BECAUSE THE RESIDENCE FINISH FLOOR ELEVATION EXCEEDS 1-FOOT OF GRADE DIFFERENCE, TO THE CLOSEST SEWER MANHOLE. PER COUNTY ORDINANCE CODE SECTIONS 4.24.120 AND 4.24.130 THE PROPERTY OWNER IS RESPONSIBLE TO INSTALL AN APPROPRIATE NUMBER OF OVERFLOW DEVICES ON THE SEWER LATERAL FOR PROPERTIES WITH FIXTURES THAT ARE LOCATED BELOW THE TOP OF THE NEAREST UPSTREAM MANHOLE. THE SAN MATEO COUNTY SEWER DISTRICT SHALL NOT BE RESPONSIBLE FOR DAMAGES TO THE INTERIOR OF A HOUSE OR STRUCTURE OF FOR THE COSTS OF CLEANUP WHICH RESULTS FROM A SEWER STOPPAGE WHERE AN OVERFLOW OR BACKFLOW VALVE IS REQUIRED BY SECTION 4.24.120 HAS NOT BEEN INSTALLED OR PROPERLY MAINTAINED.
- PROPERTY OWNER OF 220 LANING DRIVE SHALL BE RESPONSIBLE FOR THE OWNERSHIP, OPERATION, AND MAINTENANCE OF THE 8" SEWER MAIN EXTENSION AND THE CONNECTION AT THE SEWER DISTRICT'S MANHOLE UNTIL SUCH A TIME THAT AN ADDITIONAL SEWER CONNECTION (I.E. ANOTHER PROPERTY) TIES TO THE SEWER MAIN LINE EXTENSION PROPOSED WITHIN THESE PLANS. WHEN TWO (2) OR MORE CONNECTIONS ARE MADE TO THE SEWER MAIN EXTENSION, THE SEWER DISTRICT WILL CONSIDER ACCEPTING DEDICATION OF THE SEWER MAIN EXTENSION AND TAKING OWNERSHIP, OPERATION AND MAINTENANCE RESPONSIBILITY OF THE SEWER MAIN EXTENSION WITHIN THE PUBLIC RIGHT-OF-WAY, IF THE SEWER MAIN EXTENSION HAS BEEN CONSTRUCTED/INSTALLED TO THE STANDARDS OF THE SAN MATEO COUNTY SEWER DISTRICT.

Plans prepared by:

CBT Bechtel and Associates, LLC  
1311 251TH Place, SE  
Summerville, WA 98055  
(670) 337-1103  
[cbt@bechtel.com](mailto:cbt@bechtel.com)

### PLANNING DATA

A.P.N.: 073-021-010  
LOT SIZE: 1.036 ACRES

### LEGEND/ABBREVIATIONS

+101.8	SPOT SHOT (PROPOSED GRADE)
SD	AREA DRAIN
CB	CATCH BASIN
FM	FORCE MAIN
FL	FLOW LINE
FD	FOUNDATION CLEAN CUT
RWL	RAIN WATER LEADER
PD	PATIO DRAIN
MIN	MINIMUM
INVT	INVERT
SD	STORM DRAIN PIPE SEE UTILITY NOTE 4
SD	SUB-DRAIN CLEANOUT
TW	TOP OF WALL
BW	BOTTOM OF WALL
EX	EXISTING
GD	GENERAL DRAINAGE FLOW DIRECTION

### CONSTRUCTION SCHEDULE

SCHEDULE SUBJECT TO TOWN APPROVAL  
ANTICIPATED: AUGUST 7, 2025 THROUGH SEPTEMBER 5, 2025  
PROJECT CONSTRUCTION COORDINATOR:  
RUSSELL MARGOTHA  
650-703-8707

### TRUCK HAULING ROUTE

ALL HAULING SHALL FOLLOW THE FOLLOWING ROUTE, UNLESS ALTERNATE ROUTE HAS BEEN APPROVED BY TOWN  
HEAD EAST ON LANING DRIVE  
RIGHT ON CANADA ROAD  
ENTER HIGHWAY 200 TO PROPOSED DESTINATION  
HOURS OF HAULING ON WOODSIDE ROAD ARE RESTRICTED TO 9 AM THROUGH 2:30 PM.



### ENGINEER OF RECORD NOTE:

THE RESPONSIBLE PROFESSIONAL OF RECORD (ENGINEER AND/OR GEOTECH) SHALL OBSERVE THE INSTALLATION OF THE DRAINAGE SYSTEM, CONSTRUCTION OF THE ENERGY DISSIPATORS, CONSTRUCTION AND SCOPE OF DRIVEWAY, FOUNDATION EXCAVATION AND COMPLETION OF THE STAGING ACTIVITIES AND ANY OTHER SITE DEVELOPMENT WORK SHOWN ON THE PLANS AND STATE THAT ITEMS HAVE BEEN INSTALLED AND CONSTRUCTED PER THE APPROVED PLANS OR APPROVED REVISIONS AND GEOTECHNICAL RECOMMENDATIONS. ANY REVISIONS TO PLAN MUST BE DOCUMENTED BY AN AS-BUILT/REVISION PLAN SET. A STAMPED AND SIGNED LETTER SHALL BE PREPARED AND SUBMITTED TO THE TOWN PRIOR TO FINAL ENGINEERING AND GEOLOGY CONSTRUCTION INSPECTION SIGN OFF. LETTER SHALL REFERENCE THE PERMIT NUMBERS AND APPROVED REVISIONS. IF THE GEOTECHNICAL ENGINEER OF RECORD IS OBSERVING SOME OF THE ABOVE ITEMS AND THE ENGINEER OF RECORD IS OBSERVING THE REST OF THE ABOVE ITEMS, THEN BOTH PROFESSIONALS WILL NEED TO PREPARE LETTERS TO THE TOWN AS INDICATED ABOVE. THE TWO LETTERS SHALL COVER ALL OF THE ABOVE SITE DEVELOPMENT WORK ITEMS. THE TOWN WILL REQUIRE BOTH LETTERS PRIOR TO ENGINEERING AND GEOLOGY CONSTRUCTION FINAL INSPECTION SIGN OFF.

### FAIR OAKS SEWER MAINTENANCE DISTRICT

*Mark Chinn* 3/26/2025  
MARK CHINN  
PRINCIPAL CIVIL ENGINEER, SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
P.E. LICENSE: EXP. 12-21-2026



REV. 02/2025  
REV. 03/2025  
REV. 06/2025  
FEBRUARY 11, 2025 **SS-0.0**



California

SEWER MAIN EXTENSION  
LANING DRIVE  
SAN MATEO COUNTY

Woodside

CONTENTS:  
SEWER PLAN  
& PROFILE

DATE: 02/13/23

SCALE: AS NOTED

REVISIONS:  
REV. 05/10/24  
REV. 01/30/23  
PIN 02/11/23

DESIGNED: J.O.

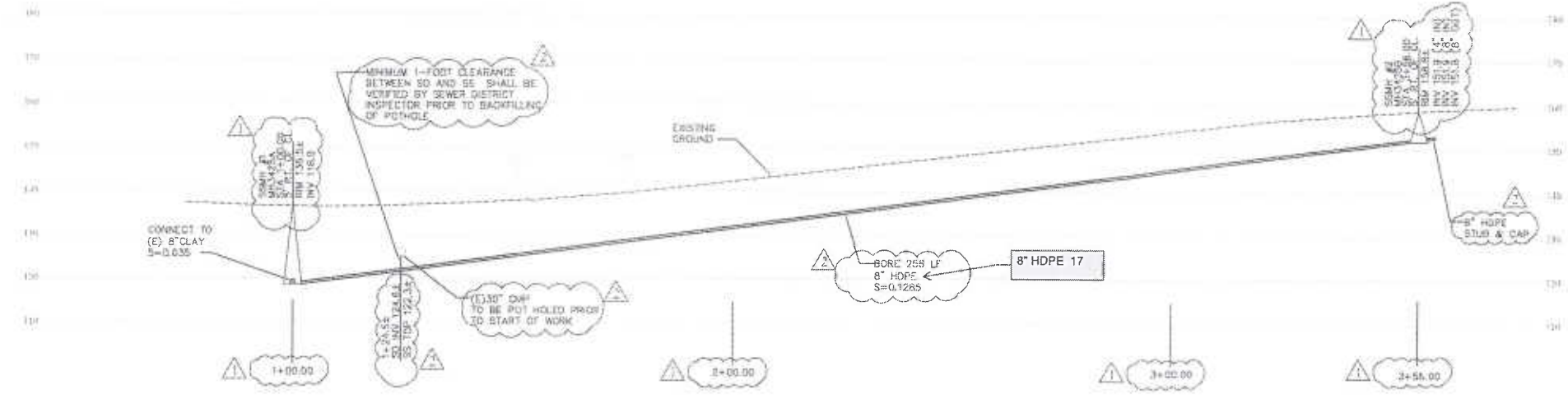
CHECKED: C.B.

PROJECT NO.: 2012389

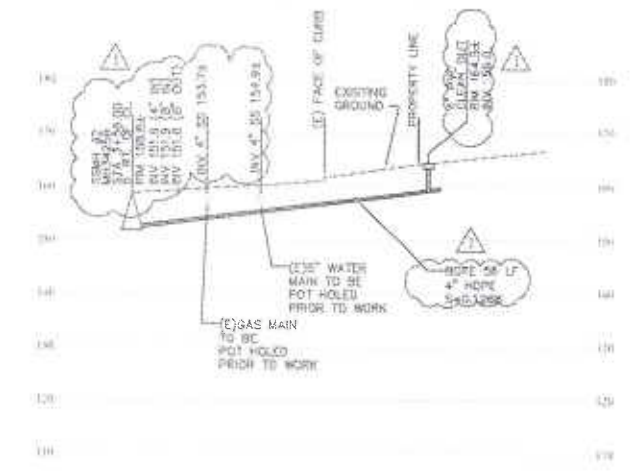
SHEET NO.:

SS-1

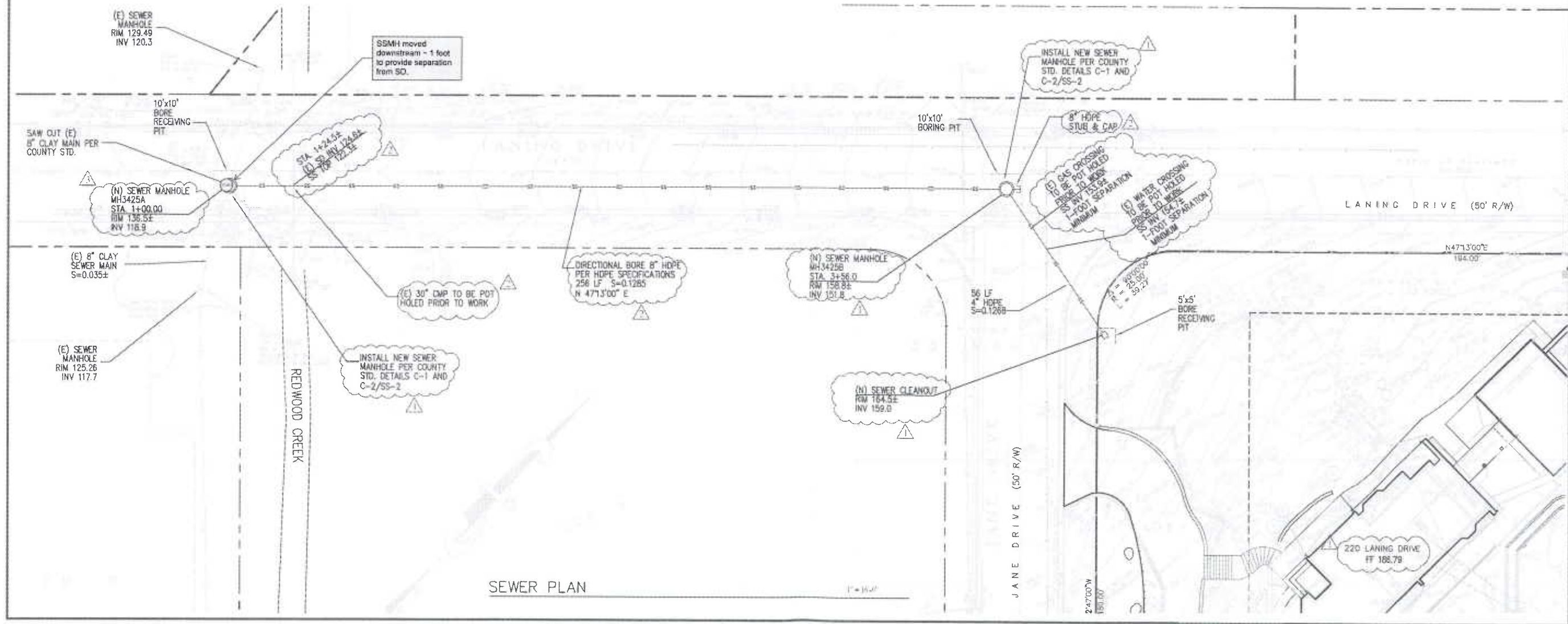
TOTAL SHEETS



SEWER MAIN PROFILE  
SCALE: 1"=10'0"



SEWER LATERAL PROFILE  
SCALE: 1"=16'0"



SEWER PLAN  
SCALE: 1"=16'0"



DATE	02-13-23
SCALE	AS NOTED
REVISION	
REV. 09/16/24	
REV. 01/30/23	
REV. 02/21/23	

DRAWN	JLG
CHECKED	C.R.
JOB NO.	2023019
SHEET NO.	SS-2
OF	8 SHEETS

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

TYPE A (IN ROADWAY)      TYPE B (OUTSIDE ROADWAY)

1. STRUCTURE BACKFILL MATERIAL WITH SAND EQUIVALENT NOT LESS THAN 20 AND SIDE GRADATION BY WEIGHT AS FOLLOWS:

DEPTH	GRADE SIZE	FINING SCREEN
0 - 12"	100	0-30
12" - 24"	20	20-100

2. BACKFILL MATERIAL... MATERIAL FROM EXCAVATION, FREE FROM STONES OR LIMBS EXCEEDING 3 INCHES GREATEST DIMENSION, ORGANIC MATTER, OR OTHER UNSATISFACTORY MATERIAL.

STANDARD TRENCH BACKFILL AND BEDDING DETAIL FOR VITRIFIED CLAY AND DUCTILE IRON SEWER PIPE

C-6

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

1. A TELEVISION INSPECTION SHALL BE MADE OF ALL SANITARY SEWER MAINS BEING CONSTRUCTED... IMMEDIATELY PRIOR TO TRENCHING THE SEWER, AN AMOUNT OF WATER ACCORDABLE TO THE DISTRICT'S REPRESENTATIVE SHALL BE INTRODUCED INTO THE SEWER MAIN BEING INSPECTED.

2. A VIDEO TAPE IN LANS FORMAT AT 30 FPS OR EQUIVALENT SPEED SHALL BE MADE OF THE INSPECTION AND DELIVERED ALONG WITH A TYPED LOG OF THE INSPECTION TO THE DISTRICT (SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS) FOR REVIEW AND ACCEPTANCE.

3. SUBMITTED VIDEO TAPES SHALL INCLUDE A CONTINUOUS ON-SCREEN DISPLAY WHICH CONTAINS AS A MINIMUM, THE DATE OF THE VISUAL IDENTIFICATION OF THE LINE AND JOINT (BEHIND) OF THE LINE BEING VIEWED, AND A READOUT, IN FEET, SHOWING THE DISTANCE TO THE JOINT FROM THE START OF THE TAP.

4. IF, IN THE OPINION OF THE DISTRICT, THE SUBMITTED VIDEO TAPES ARE OF POOR QUALITY, THE DISTRICT MAY REQUEST THE VIDEO TAPES AND REQUEST THE VIDEO INSPECTION TO BE REPEATED AND NEW VIDEO TAPES SUBMITTED TO THE DISTRICT FOR REVIEW AND ACCEPTANCE. ALL VIDEO TAPES SHALL BECOME THE PROPERTY OF THE DISTRICT.

5. DEFLECTION TESTING OF POLYVINYL CHLORIDE (PVC) SEWER MAINS SHALL BE PERFORMED AFTER THE PLACEMENT OF ALL TRENCH BACKFILL. PIPE DEFLECTION SHALL BE TESTED BY FILLING BY HAND A 60/100-00 MANHOLE THROUGH THE INSTALLED SECTIONS OF SEWER MAIN.

6. THE MANHOLE USED SHALL HAVE A MINIMUM LENGTH EQUAL TO ITS DIAMETER. THE MANHOLE SHALL BE CONSTRUCTED WITH A MINIMUM OF ONE (1) INCH FABRICATED PARALLEL TO ITS LONGITUDINAL AXIS. BOTH THE DESIGN OF THE MANHOLE AND THE FABRICATED MANHOLE ITSELF SHALL BE INSPECTED AND APPROVED BY THE DISTRICT WELL IN ADVANCE OF THE DEFLECTION TEST.

7. THE MANHOLE DIAMETER SHALL BE 80% OF THE PIPE'S AVERAGE INSIDE DIAMETER AS DEFINED BY ASTM SPECIFICATION D2412, AND AS DETAILED IN THE FOLLOWING TABLE.

NOMINAL PIPE SIZE (inches)	AVERAGE INSIDE DIAMETER (inches)	MINIMUM MANHOLE DIAMETER (inches)
8	5.891	5.598
10	7.891	7.497
12	9.884	9.371

NOTE: AVERAGE INSIDE DIAMETER IS AVERAGE OUTSIDE DIAMETER - 2(THICKNESS OF PIPE WALL). THICKNESS AS DEFINED BY ASTM SPECIFICATION D2412.

C-15

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

SAN MATEO COUNTY SEWER AND SANITATION DISTRICTS  
STANDARD SPECIFICATIONS  
TESTING REQUIREMENTS

1. ALL PERFORMERS TO TESTIFY IN THESE TESTING REQUIREMENTS SHALL WEAR THE APPROPRIATE COUNTY SEWER OR SANITATION DISTRICT.

2. ALL REQUIRED CLEANING AND TESTING OF SANITARY SEWER MAINS AND LATERALS SHALL BE PERFORMED IN THE PRESENCE OF A REPRESENTATIVE OF THE DISTRICT.

3. ALL SANITARY SEWER MAINS BEING CONSTRUCTED SHALL BE CLEANED BY MEANS OF A HIGH SPEED JET ROCKET TO REMOVE WSP AND GUP SHALL BE TESTED FOR OBSTRUCTION BY JET ROCKET.

4. ALL SANITARY SEWER MAINS BEING CONSTRUCTED SHALL PASS A LOW PRESSURE AIR TEST. EACH SECTION OF MAIN SHALL BE TESTED BETWEEN SUCCESSIVE MANHOLES. THE LOW PRESSURE AIR TEST SHALL BE CONDUCTED IN THE FOLLOWING MANNER:

A. A COMPRESSED AIR SUPPLY SHALL BE ATTACHED TO AN AIR FITTING ON THE MAIN AND THE AIR PRESSURE WITHIN THE LINE INCREASED TO FOUR (4) POUNDS PER SQUARE INCH (PSI). AFTER THE AIR SUPPLY IS SECURELY TURNED OFF OR DISCONNECTED, THERE SHALL BE A TWO (2) MINUTE WAITING PERIOD BEFORE THE ACTUAL TEST PERIOD BEGINS TO ALLOW STABILIZATION OF AIR WITHIN THE MAIN.

IN NO CASE SHALL THE AIR PRESSURE WITHIN THE LINE BE LESS THAN 3.5 PSI AT THE BEGINNING OF THE TEST PERIOD. REFER TO THE CHART WHICH FOLLOWS FOR THE LENGTH OF THE TEST PERIOD. THE MINIMUM LENGTH OF TEST IS TWO (2) MINUTES. THE ALLOWABLE AIR PRESSURE LOSS DURING THE TEST PERIOD SHALL BE 1.0 PSI. A WRITTEN RECORD OF THE TEST SHALL BE SUBMITTED TO THE DISTRICT BY THE CONTRACTOR.

NOMINAL PIPE SIZE (inches)	LENGTH OF LINE (feet)	LENGTH OF TEST (minutes)
4	ALL	2
6	0 - 300	1/2
8	300 - 370	1
10	370 AND GREATER	2
12	0 - 170	1/2
14	170 - 240	1
16	240 - 290	1 1/2
18	290 - 380	2
20	380 AND GREATER	3 1/4
24	0 - 110	2
30	110 - 160	4
36	160 - 215	4
42	215 AND GREATER	4 3/4

C-14

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

SAN MATEO COUNTY SEWER AND SANITATION DISTRICTS  
STANDARD SPECIFICATIONS  
PIPE AND FITTINGS

POLYVINYL CHLORIDE PIPE (PVC)

1. ALL PIPE AND FITTINGS SHALL CONFORM TO ASTM SPECIFICATION D2412, 1998.

2. ALL JOINTS SHALL BE A GASKET AND GROMMET ASSEMBLY WITH ELASTOMERIC SEALING GASKETS. GASKETS SHALL MEET THE REQUIREMENTS OF ASTM SPECIFICATION D2412. SOLVENT CEMENT JOINTS ARE NOT PERMITTED.

3. ALL PIPE EXTENDING OR LEAVING A STRUCTURE SHALL HAVE A RUBBER GROMMET GASKET ATTACHED TO IT. THE GROMMET GASKET SHALL CONFORM TO THE PIPE MANUFACTURER'S SPECIFICATIONS. THE INTERSECTING GASKET SHALL BE GASKETED TIGHTLY AROUND THE PIPE EXTENSION AND BE CAST INTO THE CONCRETE STRUCTURE.

4. ALL PIPE JOINTS SHALL BE MADE USING MANUFACTURED PVC COMPOUNDS. BAND TYPE COMPOUNDS OR OTHERS ARE NOT PERMITTED.

DUCTILE IRON PIPE (DIP)

1. ALL PIPE SHALL BE THICKNESS CLASS 50 (FOUR INCH PIPE SHALL BE THICKNESS CLASS 51) IN ACCORDANCE WITH ASTM SPECIFICATION A21.51. FITTINGS SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATION A21.51.

2. JOINTS SHALL BE PUSH-ON TYPE OR MECHANICAL JOINT TYPE IN ACCORDANCE WITH ASTM SPECIFICATION A21.51. RUBBER GASKETS FOR PUSH-ON JOINTS SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATIONS WITHIN.

3. PIPE AND FITTINGS SHALL HAVE A BUTTERFLY COATING OUTSIDE IN ACCORDANCE WITH ASTM SPECIFICATION A21.51, UNLESS OTHERWISE SPECIFIED HEREIN.

4. PIPE AND FITTINGS SHALL HAVE A 1/16" (ONE-SIXTYFOUR INCH) GROUND SURFACE FINISH WITH AN AVERAGE RA 3.0 (3.0).

VITRIFIED CLAY PIPE (VCP)

1. PIPE AND FITTINGS SHALL BE EXTERIOR FINISHED WITH A GLOSS FINISH, CONFORMING TO THE LATEST REVISION OF ASTM SPECIFICATION D2412.

2. JOINTS SHALL BE A GASKET AND GROMMET ASSEMBLY WITH FACTORY REVEALED ELASTOMERIC SEALING GASKETS MADE OF POLYURETHANE OR POLYURETHANE COMPOUNDS IN ACCORDANCE WITH THE LATEST REVISION OF ASTM SPECIFICATIONS D2412. BAND TYPE COMPOUNDS ARE NOT ALLOWED.

C-13

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

SAN MATEO COUNTY SEWER AND SANITATION DISTRICTS  
STANDARD SPECIFICATIONS  
GENERAL NOTES

1. ALL REFERENCES TO "DISTRICT" IN THESE GENERAL NOTES SHALL MEAN THE APPROPRIATE COUNTY SEWER OR SANITATION DISTRICT.

2. THE APPROVAL OF THESE PLANS BY THE DISTRICT SHALL BE INTERPRETED TO MEAN THAT THE SANITARY SEWER DESIGN SHOWN ON THESE PLANS MEETS THE DISTRICT'S STANDARDS. THE DISTRICT'S APPROVAL IN NO WAY GUARANTEES ANY OTHER ASPECT OF THIS PLAN OR ITS ACCURACY RELATIVE TO ACTUAL FIELD CONDITIONS.

3. THE CONTRACTOR SHALL CONTACT THE DISTRICT AT 363-4765 OR 363-9100 TWO (2) WORKING DAYS IN ADVANCE OF BEGINNING ANY SANITARY SEWER WORK. THE CONTRACTOR SHALL THEREAFTER KEEP THE DISTRICT ADVISED OF THE SCHEDULE FOR SANITARY SEWER WORK.

4. ALL SANITARY SEWER WORK SUBMITTED WITHOUT INSPECTION BY THE DISTRICT SHALL BE RECONSTRUCTED WITH APPROVAL.

5. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT FORTY-EIGHT (48) HOURS IN ADVANCE OF BEGINNING ANY WORK.

6. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES BEFORE BEGINNING ANY EXCAVATING.

7. THE CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS REQUIRED BY THE COUNTY OR CITY BEFORE BEGINNING ANY SANITARY SEWER WORK.

8. UPON THE COMPLETION OF CONSTRUCTION A COMPLETE SET OF REPRODUCIBLE "AS-CONSTRUCTED" PLANS SHALL BE PROVIDED TO THE DISTRICT.

9. SANITARY SEWER SERVICE SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL USE WHATEVER MEANS ARE NECESSARY (E.G. PUMPS, ETC) TO MAINTAIN THIS SERVICE DURING CONSTRUCTION.

10. PRIOR TO COMMENCING ANY SANITARY SEWER WORK IN OFF-SITE EASEMENTS THE CONTRACTOR SHALL PROVIDE THE DISTRICT WITH ADEQUATE NOTICE THAT ALL APPLICABLE PROPERTY OWNERS (AND TENANTS WHERE APPLICABLE) WERE NOTIFIED WELL IN ADVANCE OF THE DATE WORK IN THESE EASEMENTS WAS TO BEGIN AND THAT THEY HAVE UPDATED THAT NOTICE IN A TIMELY MANNER WHEN THOSE DATES HAVE CHANGED.

C-12

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

SECTION A-A

1. ALL STEEL TO BE F.O.C.

2. MANHOLE SIZES SHALL BE NOTIFIED BY A PLAN TO THE DISTRICT.

3. THERE SHALL BE AN 8" DIA. 1/2" THICKNESS POLYETHYLENE GLYCOL (PE) GASKET SHALL BE INSTALLED ON APPROVED SIZES.

4. SPONGING WATER TIGHTNESS SHALL BE MAINTAINED BY THE CONTRACTOR USING THE FOLLOWING METHOD:

A. MANHOLE TIGHTNESS SHALL BE MAINTAINED BY THE CONTRACTOR USING THE FOLLOWING METHOD:

1. NO LATERAL CONNECTIONS TO MAIN MANHOLE.

2. ANY LATERAL FROM DETAIL SHALL BE APPROVED BY THE DISTRICT.

3. ANY LATERAL FROM DETAIL SHALL BE APPROVED BY THE DISTRICT.

SECTION A-A

C-1

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

SAN MATEO COUNTY SEWER AND SANITATION DISTRICTS  
STANDARD SPECIFICATIONS  
SEWER LATERAL DETAIL

1. WHEN BOX IS SUBJECT TO TRAFFIC LOADING, PROVIDE CAST IRON LID.

2. BOX TO BE PLACED SUCH THAT CLEANOUT CAP CAN BE EASILY REMOVED. SEE ILLUSTRATION.

3. PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING LATERAL FROM THE PROPERTY STRUCTURE TO DISTRICT. DISTRICT PROVIDES COURTESY SERVICE FROM DISTRICT STANDARD PROPERTY LINE CLEANOUT TO THE MAIN.

4. SDR-26 WIRE ROPE CLEANOUT BODY AND CAP CAN BE USED ONLY WHEN LATERAL FROM PROPERTY LINE TO MAIN LINE IS REPLACED WITH SDR-26.

5. WHEN ENTIRE LATERAL IS REPLACED, LATERAL FROM PROPERTY LINE CLEANOUT TO MAIN LINE SHALL HAVE A 1/4" DIA. QUARTER INCH SINGLE CONDUCTOR TRACER WIRE TAPPED TO THE ENTIRE LENGTH OF THE PIPE.

CONSTRUCTION OF A STANDARD CLEANOUT REQUIRES MULTIPLE INSPECTIONS BY DISTRICT PERSONNEL:

1. FIRST INSPECTION - TO INSPECT WIRE AND RESER. WIRE AND RESER. WIRE MUST BE EXPOSED.

2. SECOND INSPECTION - TO INSPECT PLACEMENT OF BOX, LID AND LOCATION OF CLEANOUT WITHIN BOX.

C-5

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

SAN MATEO COUNTY SEWER AND SANITATION DISTRICTS  
STANDARD SPECIFICATIONS  
SANITARY SEWER FLUSHING INLET COVER

1. ALL MATERIALS SHALL CONFORM TO THE FOLLOWING:

A. ALL MATERIALS SHALL CONFORM TO ASTM SPECIFICATION D2412, 1998.

B. ALL MATERIALS SHALL CONFORM TO ASTM SPECIFICATION D2412, 1998.

C. ALL MATERIALS SHALL CONFORM TO ASTM SPECIFICATION D2412, 1998.

SECTION

SECTION

C-2

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

SAN MATEO COUNTY SEWER AND SANITATION DISTRICTS  
STANDARD SPECIFICATIONS  
SANITARY SEWER MANHOLE COVER FRAME AND STRAP DETAIL

1. FRAME AND COVER SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM A242 (A36) LOADS.

2. ALL MATERIALS SHALL CONFORM TO THE FOLLOWING:

A. ALL MATERIALS SHALL CONFORM TO ASTM SPECIFICATION D2412, 1998.

B. ALL MATERIALS SHALL CONFORM TO ASTM SPECIFICATION D2412, 1998.

C. ALL MATERIALS SHALL CONFORM TO ASTM SPECIFICATION D2412, 1998.

SECTION

SECTION

C-3

SAN MATEO COUNTY DEPARTMENT OF PUBLIC WORKS  
REINWOOD CITY, CALIFORNIA

SCALE: NONE  
DATE: 6/28/23

SAN MATEO COUNTY SEWER AND SANITATION DISTRICTS  
STANDARD SPECIFICATIONS  
SANITARY SEWER MANHOLE DETAIL

1. ALL STEEL TO BE F.O.C.

2. MANHOLE SIZES SHALL BE NOTIFIED BY A PLAN TO THE DISTRICT.

3. THERE SHALL BE AN 8" DIA. 1/2" THICKNESS POLYETHYLENE GLYCOL (PE) GASKET SHALL BE INSTALLED ON APPROVED SIZES.

4. SPONGING WATER TIGHTNESS SHALL BE MAINTAINED BY THE CONTRACTOR USING THE FOLLOWING METHOD:

A. MANHOLE TIGHTNESS SHALL BE MAINTAINED BY THE CONTRACTOR USING THE FOLLOWING METHOD:

1. NO LATERAL CONNECTIONS TO MAIN MANHOLE.

2. ANY LATERAL FROM DETAIL SHALL BE APPROVED BY THE DISTRICT.

3. ANY LATERAL FROM DETAIL SHALL BE APPROVED BY THE DISTRICT.

SECTION A-A

C-1