



STAFF REPORT

SAUSALITO CITY COUNCIL

AGENDA TITLE:

Authorization to invite bids for portion of Priority 1 Sewer Repair Projects. Status report on other sewer repair project development.

RECOMMENDED ACTION:

Adopt a motion authorizing staff to invite construction bids.

SUMMARY

The City Council awarded a professional services contract to West Yost Associates in January to prepare plans and bid documents for several sewer segment repairs.

Those Priority 1 sewer repair segments included:

- 1) Prospect to Sausalito Blvd.
- 2) Spinnaker Point Sewer main and Pump Station.
- 3) Gate 5 Road/Harbor Drive/Coloma

The project to repair the main between Prospect and Sausalito Blvd. is ready for soliciting bids. The project to reconstruct the Spinnaker Point sewer main and Anchor Street Pump Station are expected to be ready in a few weeks. Staff seeks authorization to advertise and invite bids for these two projects.

The Council authorized the amendment of the contract with West Yost Associates in July 2009 to enable preparation plans for the repair of a sewer main between Toyon and Woodward next to 67 Woodward. These plans are expected to be complete in the next few weeks, Staff also seeks authorization to advertise and invite bids for these two projects. This amendment also authorized preliminary engineering for sewer main repairs along Bee Street, Napa and Dunphy park to eliminate cross contamination into storm drains work on that effort continues.

Gate 5 Road project design, which is also part of the Priority 1 sewer repairs has been slowed because of the need to plan for and design around the settlement of the fill and strategies for handling lead and asbestos which are hazardous materials. Traditionally sewers are designed to operate by gravity flow. Designing such a system in the Marinship with disregard to the settling condition could result in the facility not working as intended within a few years after project completion. Staff is working with the

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consultant and will be working with affected property owners to develop a project that can operate in settling conditions and still provide decades of reliable service.

Staff can also provide a briefing on the status of other sewer repair projects in preparation.

Staff recommends Council adopt a Motion:

1. Authorizing staff to invite bids for portion of Priority 1 Sewer Repairs and repairs to the sewer main adjacent to 67 Woodward between Toyon and Woodward.

BACKGROUND

The City's sanitary sewer collection system is, for the most part, old. Some segments of the system have become damaged as a result of ground movement, root infiltration, wear from regular cleaning and other factors. Other segments are not yet damaged but are in vulnerable and environmentally sensitive areas. Repairs are needed to restore function. The City performed a needs assessment in 2002 which identified many sewer repair projects. Some projects have been completed but others remain outstanding. In April of 2008 the City was named in a Notice of Violation and Order for Compliance by the EPA. That Order was amended in November of 2008 (Amended EPA Compliance Order). In November of 2008 the City reached a settlement by Northern California River Watch (River Watch) on a complaint alleging violation Clean Water Act Violations. The Amended EPA Compliance Order and the River Watch Settlement require the City perform sewer capital improvements (among other things) in an effort to eliminate, if possible, unpermitted discharges from the City's wastewater collection system. The City continues to comply with the Amended EPA Compliance Order and the River Watch Settlement.

In an effort to comply with the Amended EPA Compliance Order and the River Watch Settlement the City entered into an Agreement with West Yost Associates for engineering services related to the design of sewer system repairs.

The City approved a contract with West Yost Associates in January, 2009 to prepare plans and bid documents for Priority 1 repairs between Sausalito Boulevard and Prospect, along Spinnaker Point (including the Anchor Street Pump Station) and in the Marinship along Gate 5 Road, Harbor Drive and Coloma. The contract was amended in July of 2009 to add a Priority 3 main repair between Toyon and Woodward that experienced a repetitive overflow failure and is under investigation by the Regional Board for a Clean Water Act Violation Enforcement effort. Immediate repair of the main is expected to be demanded. The amendment also authorized the preliminary engineering to repair sewer main located in Bee Street, Caledonia Street, and Dunphy Park to eliminate possible illegal cross connections between storm drains and sanitary sewers.

ISSUES

Staff seeks authorization to invite bids for the following four projects:

- 1) Sausalito Blvd./Prospect Sewer Main Spot Repairs
- 2) Spinnaker Point Sewer Main/Anchor Pump Station/
- 3) Toyon to Woodward Sewer Main Rehab

Project 1 is ready, now. Projects 2 and 3 is expected to be ready in the coming weeks.

Progress on other authorized sewer activities continues. Staff will be happy to respond to any specific questions about these efforts.

FISCAL IMPACT

The requested action has no fiscal impact.

The proposed work will have no impact on the General Fund. The proposed construction work is expected to impact and be funded from the Sewer Fund. Revenues to this fund comes from sewer fee charges that are included in property tax invoices. More thorough discussion will be provided at time of construction contract award, expected shortly after January 1, 2010.

STAFF RECOMMENDATIONS

Adopt a Motion:

1. Authorizing staff to advertise and invite bids for sewer repair projects

ATTACHMENTS

Graphic showing sewer repair sites:

PREPARED BY:



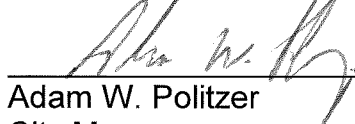
Todd Teachout, City Engineer

REVIEWED BY (Department Head):



Jonathon Goldman, Director of Public Works

SUBMITTED BY:



Adam W. Politzer
City Manager

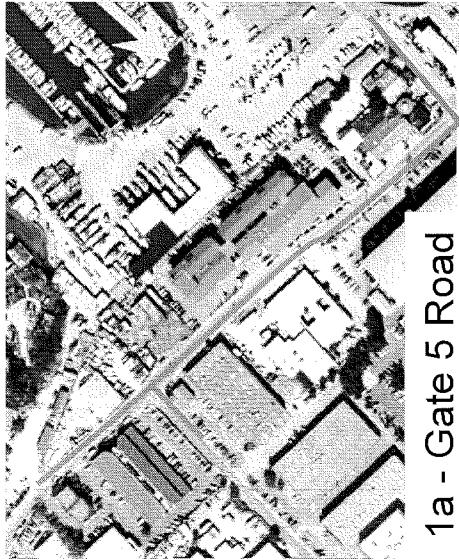
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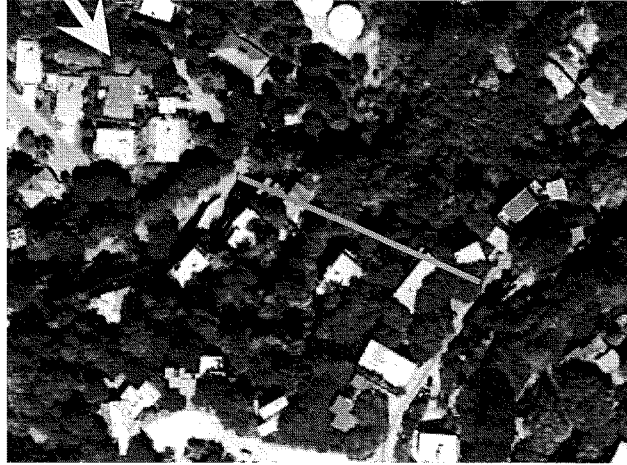
Page #: 3

City of Sausalito

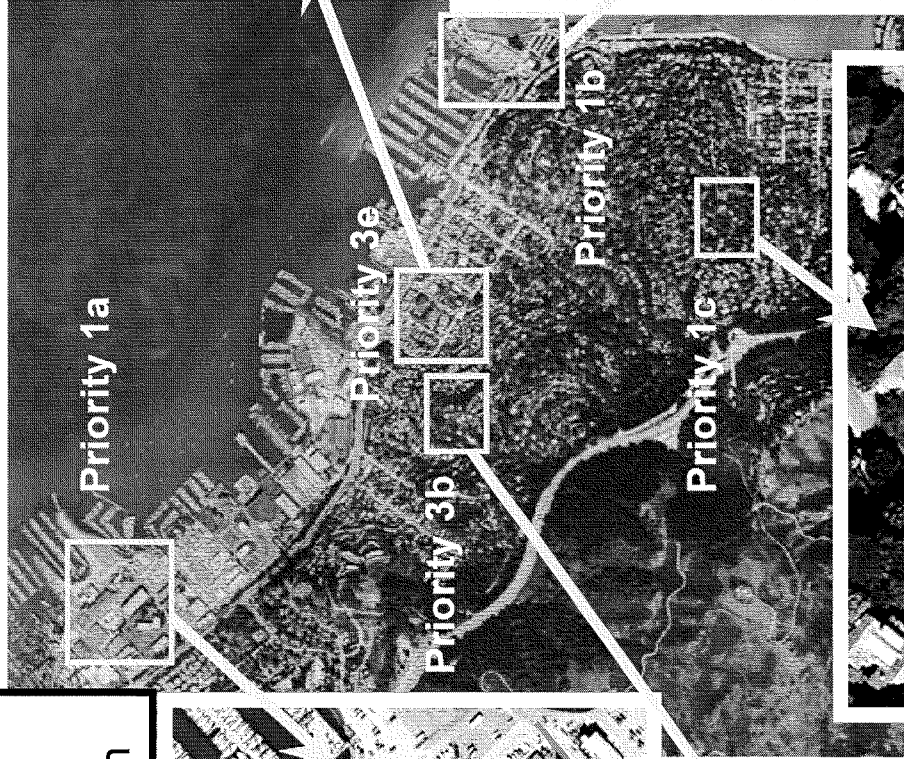
Projects Completing Design



1a - Gate 5 Road



3b - Toyon to Woodward



Priority 1a

Priority 3e

Priority 3b

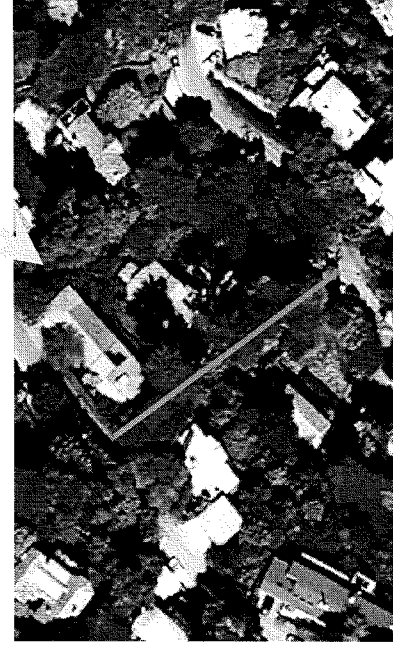
Priority 1b

Priority 1c

3e - Napa & Bee Streets



1b - Spinnaker & Anchor Pump Station



1c - Prospect Avenue Point Repairs



CITY OF SAUSALITO



SHEET INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET & LOCATION MAP
2	GENERAL NOTES AND LEGEND
3	PROSPECT AVE. TO SAUSALITO BLVD. PLAN & PROFILE
4	DETAILS 1

PRIORITY 1 SEWER REPLACEMENT, PROJECT 1C

MARIN COUNTY, CALIFORNIA
PROJECT NO. _____

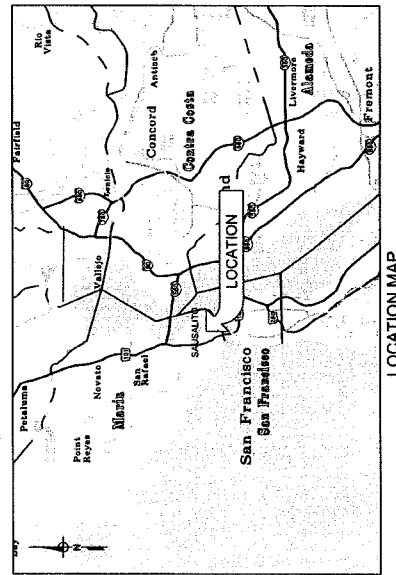
NOVEMBER 2009

APPROVED: JONATHAN GOLDMAN, DIRECTOR OF PUBLIC WORKS R.C.E. 42165

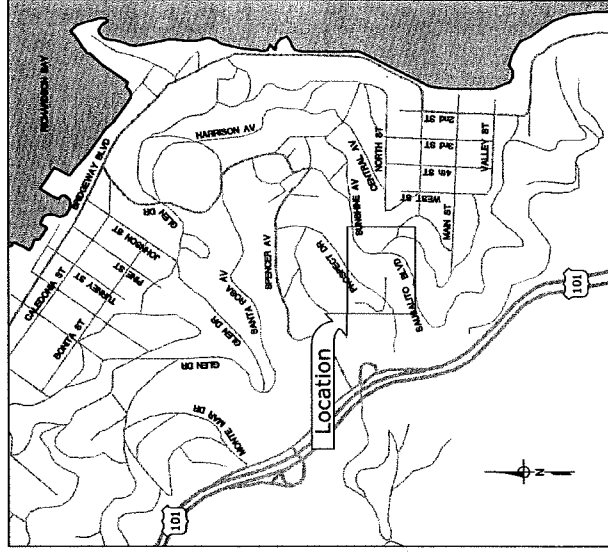
APPROVED: TODD TEACHOUT, CITY ENGINEER, R.C.E. 43055



2020 Redwood Park Drive
Suite 100
Davis, California 95618
(530) 756-5905
FAX (530) 756-5961



LOCATION MAP
NTS



VICINITY MAP
NTS

AS

GENERAL NOTES

- THE LOCATIONS OF THE BUILDING SEWERS (LATERALS) ARE APPROXIMATE AND ARE BASED ON TV LOGS AND FIELD SURVEY DATA. LATERALS ENCOUNTERED AND DAMAGED DURING CONSTRUCTION MUST BE REPAIRED AS PER DETAILS.
- CALL UNDERGROUND SERVICE ALERT (U.S.A.) AT 800-287-2800 AT LEAST 48 HOURS BEFORE DIGGING.
- THE FOLLOWING UTILITIES MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION WORK:
SAJALITO MARIN CITY SANITARY DISTRICT
COMCAST CABLE
PACIFIC GAS & ELECTRIC
FIRE DEPARTMENT
MARIN MUNICIPAL WATER DISTRICT
AT&T
- CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN AND SUBMIT IT TO THE CITY FOR APPROVAL.
- ALL MONUMENTS DISTURBED BY CONSTRUCTION SHALL BE REPLACED BY PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA AT CONTRACTORS EXPENSE.
- CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMIT FROM CITY OF SAJALITO. CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ENCROACHMENT PERMIT REQUIREMENTS.
- ALL UTILITIES SHOWN ON THESE PLANS WERE SCALED FROM THE UTILITY MAPS RECEIVED FROM THE UTILITY COMPANIES. THEY ARE NOT NECESSARILY COMPLETE AND ARE BASED ON THE INFORMATION AVAILABLE TO THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES SHOWN ON THESE PLANS SHALL BE VERIFIED IN THE FIELD. SUCH VERIFICATION IS PART OF THE WORK.
- LOCATIONS OF EXISTING UTILITIES SHALL BE MARKED IN THE FIELD BY USA PRIOR TO CONSTRUCTION. POTHOLES OR OTHER EXCAVATIONS MAY BE NECESSARY TO ESTABLISH THE EXISTING UTILITIES. THE COST OF THE POTHOLES OR OTHER EXCAVATIONS ARE PART OF THE WORK AND SHALL BE AT NO ADDITIONAL COST TO THE CITY.
- CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO RESIDENTS AT LEAST 48 HOURS BEFORE SEWER LATERALS ARE DISCONNECTED.
- PAVED AREA TO MATCH EXISTING. SEE SPECIFICATION 02500.
- CONTRACTOR MAY CONTACT ANDY DAVIDSON AT THE CITY OF SAJALITO AT (415) 298-1100 TO VERIFY THE LOCATION OF EXISTING UTILITIES WITH WEST YOST ASSOCIATES CONSULTING ENGINEERS AT (800) 756-8985 WITH QUESTIONS.

SECTION & DETAIL DESIGNATIONS

SECTION CUT ON DWG 21
ON DWG 23 THIS SECTION IS IDENTIFIED AS:
DETAILS ARE CROSS REFERENCED IN A SIMILAR MANNER, EXCEPT THAT DETAILS ARE IDENTIFIED BY LETTER RATHER THAN NUMBER

PIPING DESIGNATIONS

NEW PIPING
PIPE SIZE 8" SS
EXISTING PIPING
8" SS

LEGEND

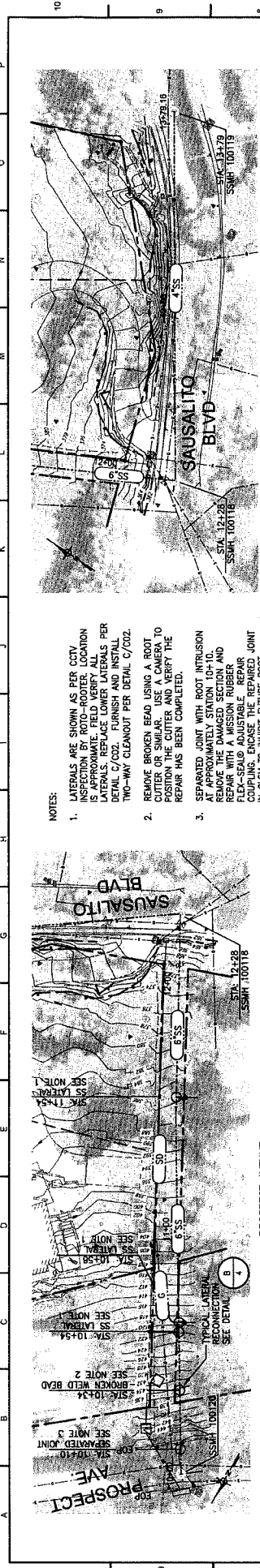
- AGGREGATE BASE
- ASPHALT CONCRETE
- BOLLEWARD
- CLOSED CIRCUIT TELEVISION
- CAST IRON PIPE
- CLASS POLLED, LOW STRENGTH MATERIAL
- CLEAN OUT, COMPANY
- CONCRETE
- EDGE OF PAVEMENT
- EX. EXIST
- FIRE HYDRANT
- FOOT, FEET
- GAS
- GROUND
- MANHOLE
- MINIMUM
- PROPERTY LINE
- EXISTING DRIVEWAY
- EXISTING WATER W/VALVE, METER
- EXISTING TRAFFIC SIGNAL
- EXISTING STORM DRAIN W/CATCH BASIN & MANHOLE
- EXISTING SEWER W/MANHOLE
- EXISTING TELEPHONE W/BOX
- EXISTING UNDERGROUND ELEC
- EXISTING GAS
- EXISTING UNDERGROUND ELEC
- EXISTING WATER W/VALVE, METER
- NEW SEWER W/MANHOLE
- PROPERTY LINE
- EXISTING DRIVEWAY
- FIRE HYDRANT
- LIGHT POLE

PIPING SYSTEM ABBREVIATION

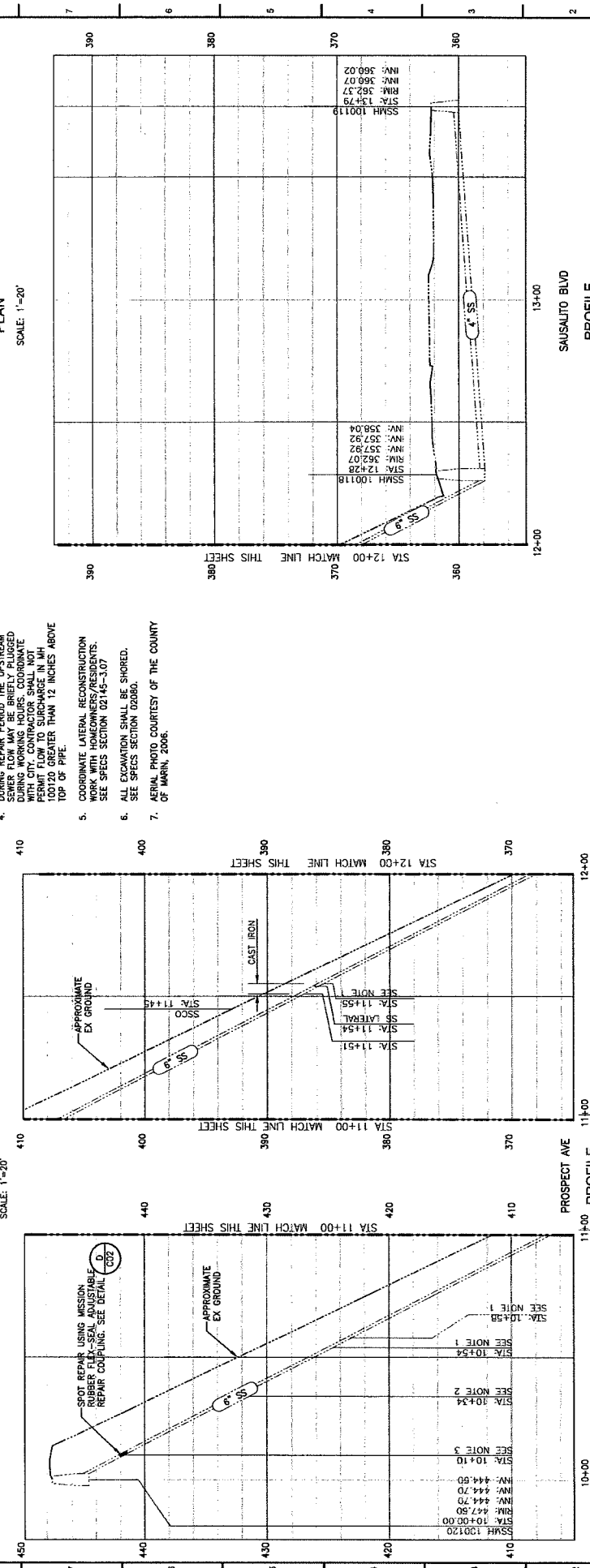
WATER BY SEWER
ST
SD
C
GAS

		SUBMITTED: _____ DATE: _____ APPROVED: _____ DATE: _____	THE LINE IS 1 INCH AS SHOWN IF NOT SCALE ACCORDINGLY SCALE: AS SHOWN DESIGNED BY: ANDY DAVIDSON PROJ. NO.:	No. _____ Zone _____ REVISIONS:	WEST YOST ASSOCIATES Consulting Engineers 2020 Research Park Drive Davis, California 95618 (530) 756-8985 FAX (530) 756-8981		CITY OF SAJALITO PRIORITY 1 SEWER REPLACEMENT DESIGN GENERAL NOTES AND LEGEND	JOB NUMBER 454-02-09-02 DRAWING NUMBER G02 SHEET NUMBER 2 of 4 REVISION
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PROSPECT AVENUE
PLAN
SCALE: 1"=20'

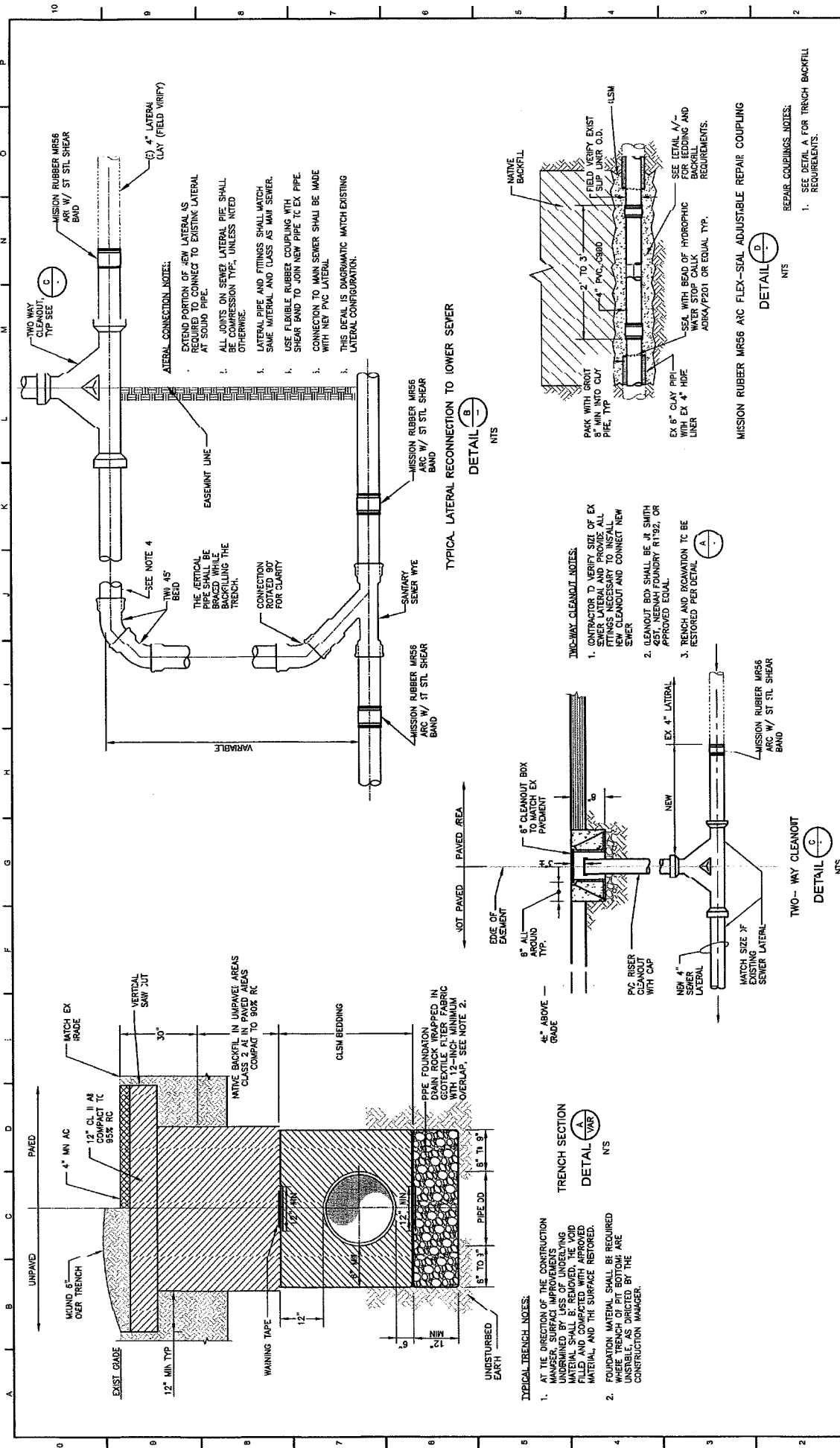


SAUSALITO BLVD
PROFILE
SCALE: V: 1"=4'
H: 1"=20'

- NOTES:
- LATERALS ARE SHOWN AS PER CITY INFORMATION. APPROXIMATE FIELD VERIFICATION IS APPROXIMATE. VERIFY ALL LATERALS. REPLACE LOWER LATERALS PER DETAIL C/COZ. FURNISH AND INSTALL TWO-WAY CLEANOUT PER DETAIL C/COZ.
 - REMOVE BROKEN BEAD USING A ROOT CUTTER OR SIMILAR. USE A CAMERA TO POSITION THE CUTTER AND VERIFY THE REPAIR HAS BEEN COMPLETED.
 - SEPARATED JOINT WITH ROOT INTRUSION AT APPROXIMATE STATION 10+10. REPAIR WITH A MISSION RUBBER COUPLING. USE MISSION RUBBER COUPLING IN CASES WHERE THE REPAIR JOINT IS CLIM TO INHIBIT FUTURE ROOT INTRUSION. SEE DETAIL D/COZ.
 - DURING REPAIR, FEED THE UPSTREAM END OF THE PIPE. PLUGGED DURING WORKING HOURS. COORDINATE WITH CITY. CONTRACTOR SHALL NOT PERMIT FLOW TO SURCHARGE IN ANY TO BE GREATER THAN 12 INCHES ABOVE TOP OF PIPE.
 - COORDINATE LATERAL RECONSTRUCTION WORK WITH HOMEOWNERS/RESIDENTS. SEE SPECS SECTION 02145-3.07.
 - ALL EXCAVATION SHALL BE SHORED. SEE SPECS SECTION 02080.
 - AERIAL PHOTO, COURTESY OF THE COUNTY OF MARIN, 2006.

JOB NUMBER 454-02-09-02		CITY OF SAUSALITO PRIORITY 1 SEWER REPLACEMENT DESIGN PROSPECT AVE TO SAUSALITO BLVD STA 10+00 TO 13+79.16 PLAN & PROFILE	
DRAWING NUMBER C01			
SHEET NUMBER 3 of 4			
REVISION		6555 Redwood Park Drive Suite 100 Davis, California 95618 (925) 756-8995 fax (925) 756-8991	
SUBMITTED:	DATE:	THIS LINE IS 1" HIGH IF NOT SCALE ACCORDINGLY	REVISIONS
APPROVED:	DATE:	AS SHOWN DRAWN BY: ALN CHECKED BY: EDE PROJ. MGR.:	No. 201C BY:

26



<p>CITY OF SAUALITO PRIORITY 1 SEWER REPLACEMENT DESIGN</p>		<p>JOB NUMBER: 454-02-09-02 DRAWING NUMBER: C02 SHEET NUMBER: 4 of 4 REVISION:</p>
<p>WEST YOSI ASSOCIATES Consulting Engineers</p> <p>2020 Redwood Park Drive Suite 100 Davis, California 95618 (925) 759-5505 FAX: (925) 759-6961</p>		<p>DETAILS 1</p>
<p>DATE: _____</p> <p>APPROVE: _____</p>	<p>DATE: _____</p> <p>DESIGNED BY: _____</p> <p>PHL. MFR.: _____</p>	<p>THIS LINE IS 1/8" INCH AT FULL SCALE UNLESS OTHERWISE NOTED.</p> <p>SCALE: AS SHOWN</p> <p>DATE: _____</p> <p>DESIGNED BY: _____</p> <p>PHL. MFR.: _____</p>

300

CITY OF SAUSALITO
MARIN COUNTY, CALIFORNIA



DRAFT

Public Works, Engineering Division
420 Litho Street
Sausalito, California 94965
Phone: (415) 289-4100

CONTRACT DOCUMENTS

For the Construction
of the

**PRIORITY 1 SEWER REPLACEMENT PROJECT
(Project 1C: Prospect Ave./Sausalito Blvd. Sewer)**

BID OPENING: Tuesday November 24, 2009 at 2:00 PM

**100% SUBMITTAL
November 2009**

Approved for Construction:

TODD TEACHOUT, P.E.
CITY ENGINEER

Date

BID SET

COPY NO. _____

6D
9