

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice-President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge

General Manager

Brian R. Laddusaw



Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

NOTICE AND AGENDA FOR THE RUBIDOUX COMMUNITY SERVICES DISTRICT BOARD MEETING

Thursday, March 21, 2024, at 4:00 PM

During this regular meeting of the Rubidoux Community Services District Board of Directors, members of the public will have the choice to attend and address the Board in person or attend and address the Board via Zoom.

Members of the public wanting to attend and/or address the Board virtually may do so by using the Zoom App or website for free at: <https://zoom.us/>

- Meeting ID is **994 957 9980**
- Passcode is: rcsd
- Call into the meeting number 1-669-444-9171

Only one person at a time may speak by telephone or Zoom and only after being recognized by the President of the Board.

Closed Session: At any time during the regular session, the Board may adjourn to a closed executive session to consider matter of litigation, personnel, negotiations, or to deliberate on decisions as allowed and pursuant with the open meetings laws. Discussion of litigation is within the Attorney/Client privilege and may be held in closed session.

Authority: Government code 11126-(a) (d) (q).

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require a two-thirds vote of the entire Board, or, if fewer than two-thirds of the members are present, a unanimous vote of those members present, making findings that there is a need to take immediate action and that the need for action came to the attention of the District subsequent to the posting of the agenda.

1. **CALL TO ORDER** – John Skerbelis, President
2. **PLEDGE OF ALLEGIANCE** – General Manager
3. **ROLL CALL** – General Manager
4. **PUBLIC COMMENTS**

Members of the public are encouraged to address the Board of Directors. Anyone who wishes to speak on an item not on the published agenda must submit a comment request card to the General Manager or designee. Each speaker should begin by identifying themselves for the record and is allowed up to five minutes.

No one may give their time to a speaker during the public comment period of the meeting. It is requested that all present refrain from any action that might disrupt the orderly course of the meeting. Coarse, crude, profane, or vulgar language, or unsolicited comments from the audience, which disrupts or disturbs the Board meeting, may result in exclusion from the meeting.

The Ralph M. Brown Act, Government Code 54950, et. seq. prohibits members of the Board of Directors from taking formal action or discuss items not on the published agenda. As a result, immediate response to public comment may be limited.

5. **CONSENT CALENDAR**

Consent Calendar items are expected to be routine and non-controversial and are to be acted upon by the Board by one motion, without discussion. If any Board member, staff member, or interested person requests that an item be removed from the Consent Calendar for further discussion, it will be moved to the first item on the Action Agenda.

- A. Approval of Minutes for March 7, 2024, Regular Meeting
- B. Consideration to Approve March 22, 2024, Salaries, Expenses and Transfers
- C. **DM 2024-23:** Receive and File Statement of Cash Asset Schedule Report Ending January 2024

6. **CORRESPONDENCE AND RELATED INFORMATION**

7. **REPORTS**

- A. Operations Report (Second Meeting Each Month)
- B. Emergency and Incident Report (Second Meeting Each Month)

C. General Manager and Staff Reports / Updates

D. Committee Reports

8. ACTION / DISCUSSION ITEMS

A. **DM 2024-24:** Request for Board of Directors Input on District Paid Sewer Extensions at Tract 38171 (Countryside Estates)

B. **DM 2024-25:** Consider At-Risk Development Agreement for Tract 37211

C. **DM 2024-26:** Consider Proposal from Albert A. Webb Associates for Engineering Services for the Jurupa Hills Force Main Replacement Alignment Study

D. **CLOSED SESSION:** Pursuant to Government Code Section 54956.9: Legal Counsel Status on Litigation Case No. CIVDS 1310520, City of Riverside vs. Rubidoux Community Services District

9. DIRECTORS COMMENTS AND REQUESTS

10. NEXT MEETING

Thursday, April 4, 2024, at 4:00 p.m.

11. ADJOURNMENT

Any person with a disability who requires a modification or accommodation in order to participate in this meeting, or any person with limited English proficiency (LEP) who requires language assistance to communicate with the Rubidoux Community Services District Board of Directors during the meeting, should contact the Rubidoux Community Services District Administrative Department, at (951) 684-7580 or admin@rcsd.org, no fewer than two (2) business days prior to this meeting to enable the Rubidoux Community Services District to make reasonable arrangements to assure accessibility or language assistance for this meeting.

DECLARATION OF POSTING

I, Brian Laddusaw, General Manager and Board Secretary to the Rubidoux Community Services District, certify that a copy of this has been posted in the District's main office, 3590 Rubidoux Blvd., Jurupa Valley, and on its website no less than seventy-two (72) hours before the start of the meeting.



Brian Laddusaw
General Manager-Secretary

4. PUBLIC COMMENTS

5. CONSENT CALENDAR

A. Approval of Minutes for March 7, 2024, Regular Meeting

**RUBIDOUX COMMUNITY SERVICES DISTRICT
BOARD OF DIRECTORS**

**MINUTES OF REGULAR MEETING
Thursday, March 7, 2024**

DIRECTORS PRESENT: Bernard Murphy
John Skerbelis
F. Forest Trowbridge

DIRECTORS VIA ZOOM: Hank Trueba, Jr.

DIRECTORS ABSENT: Armando Muniz

STAFF PRESENT: Brian Laddusaw, General Manager
Ted Beckwith, Director of Engineering
Miguel Valdez, Director of Operations
Martha Perez, Customer Service/Accounts Payable
Manager
Melissa Trujillo, HR Generalist/Safety and Facilities
Coordinator
Kirk Hamblin, Director of Finance and Administration

VISITORS (SIGNED IN): Chief William Otterman, Fire Station 38 Personnel

ITEM 1. CALL TO ORDER

The meeting of the Board of Directors of the Rubidoux Community Services District by President Skerbelis, at 4:00 P.M., Thursday, March 7, 2024, in-person and by teleconferencing at the District's Administrative Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

ITEM 2. PLEDGE OF ALLEGIANCE – General Manager

ITEM 3. ROLL CALL – General Manager

***LATE AGENDA ADDITION- 8H CLOSED SESSION**

ITEM 4. PUBLIC COMMENTS

No public comments were provided during the meeting.

ITEM 5. CONSENT CALENDAR

The Board of Directors (“Board”) requested CONSENT CALENDAR ITEM 5A. Approval of Minutes for February 15, 2024, Regular Meeting to be moved/added to “ACTION/DISCUSSION ITEMS” as Item 8F.

The Board also requested CONSENT CALENDAR ITEM 5E. DM 2024-16: Consider Adopting Resolution No. 2024-911, A Resolution Concurring in the Nomination of John Skerbelis to the CSDA Board of Directors to be moved/added to “ACTION/DISCUSSION ITEMS” as Item 8G.

- A. Approval of Minutes for February 15, 2024, Regular Meeting
- B. Consideration to Approve March 15, 2024, Salaries, Expenses and Transfers
- C. **DM 2014-14:** Consider Approval of California Environmental Quality Act (“CEQA”) Notice of Exemption (“Noe”) for Construction of Water Interconnection (Interie) with West Valley District at Wilson and Fleetwood Secrets and Authorize Staff to File it with the Appropriate Agencies
- D. **DM 2024-15:** Consider Approval of a California Environmental Quality Act (“CEQA”) Notice of Exemption (“NoE”) for Construction of a Pressure Reducing Valve (“PRV”) in the Loring Ranch Area and Authorize Staff to File it with the Appropriate Agencies
- E. **DM 2024-16:** Consider Adopting Resolution No. 2024-911, A Resolution Concurring in the Nomination of John Skerbelis to the CSDA Board of Directors
- F. **DM 2024-17:** Consider Application to Purchase Tax-Defaulted Property from Riverside County

Director Murphy moved, and Director Trowbridge seconded to:

- 1. Approve the following items on the Consent Calendar: ITEM 5B, 5C, 5D, and 5F.**
- 2. Move Item 5A to Item 8F and move Item 5E to Item 8G.**

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

ITEM 6. CORRESPONDENCE AND RELATED INFORMATION

General Manager Brian Laddusaw (“GM Laddusaw”) included an article from the enewspaper.presenterprise.com- Food Recycling is Slow to Start. The article discusses how many programs are behind while collection adapt to tons of new compost. It’s been two years since California launched an effort to keep organic waste out of landfills, the state is so far behind on getting food recycling programs up and running that it’s widely accepted next year’s

behind on getting food recycling programs up and running that it's widely accepted next year's ambitious waste-reduction targets won't be met. He also included an article from the sfchronicle.com Here's where California reservoir levels stand after this week's storms. Nearly all of California's major reservoirs are holding more than 100% of their historic average water levels for this time of year after recent storms across the state gave several a boost. Average total water storage across the state's 48 biggest reservoirs has also been climbing since the beginning of the year, topping 70% of capacity as of Thursday, according to state data. California's reservoirs overall are holding 118% of their average levels of water for this time of year.

ITEM 7. REPORTS

A. Operations Report (Second Meeting Each Month)

B. Emergency and Incident Report (Second Meeting Each Month)

The Emergency and Incident Report had been referred from the February 15, 2024, Board meeting to today's scheduled meeting on March 7, 2024. Fire Station 38 Chief Otterman presented the month activity report for January 2024. Station 38 received a total of 340 calls. 36 were false alarm calls, 1 was Haz Mat, 248 were medical, 4 were other fires, 5 were other miscellaneous, 11 were public service assistant, 2 were ringing alarm, 3 were standby, 26 were traffic collisions, 2 were vehicle fires, and 2 were wildland fires.

C. General Manager and Staff Reports / Updates

GM Laddusaw commented on the Form 700's the Board and District Officials needed to complete by March 1, 2024. Director Muniz has not submitted the form as of the Board Meeting. Director Trueba will assist Director Muniz in completing the Form 700's. GM Laddusaw presented to the Board pictures from the Study Session that took place on February 15th at the City of Jurupa Valley to discuss the American Rescue Plan Act (ARPA). He also presented pictures from the Retail Agency Roundtable 2024 scheduled on February 21st from 12:00 PM to 1:30 PM hosted by Western Water featuring guest speaker Adel Hagekhalil General Manager of the Metropolitan Water District. He also updated the Board on the new District signs on Well 8 and Leland Thompson. He informed the Board of the upcoming Meet the Machines scheduled for Saturday, April 13th from 9 am- 1pm. As well as the District 4 Town Hall Meeting scheduled for Tuesday, March 12th from 6:30 PM- 8:30 PM.

D. Committee Reports

GM Laddusaw reported the Regional Advisory Committee (RAC) including Director Skerbelis and Director Murphy met on Tuesday, February 27, 2024, to Review Reconciliation Materials and Staff Correspondence Related to FY 2022|2023 City of Riverside Wastewater Treatment Plant Treatment Charges and Surcharge Costs. The Solid Waste Committee met on Wednesday, February 28, 2024, to consider expenditure of CalRecycle SB 1383 Local Assistance Grant Program Monies. The Committee members include Director Skerbelis and Director Trueba.

ITEM 8. ACTION/DISCUSSION ITEMS.

- A. **DM 2024-18:** Consider Reimbursement Agreements with Highpointe Development for Construction of a Water Distribution Pipeline Carried in the Rubidoux Community Services District 2022 Water Master Plan

BACKGROUND:

Highpointe Development, also referred to Highpointe Emerald Ridge, LLC (“Developer”) is developing two separate and distinct tracts of homes within Rubidoux Community Services District’s (“District”) service area in an area commonly called Emerald Ridge North (“Project”). The Project encompasses single-family residences in the area bounded approximately by Rattlesnake Mountain on the northwest, Canal Street on the south, Murial Way on the west, and 26th Street on the east. There exist two distinct tracts within this boundary, both of which are currently owned by the Developer. These tracts are Tract 32721 and Tract 36947 and are depicted in Attachment 1. These are considered together in this Director’s Memorandum as the two tracts are interrelated, are being developed by the same Developer and the Canal Street Pipeline is partially in each of the tracts.

The District’s 2022 Water Master Plan (“Master Plan”) was adopted by the Board of Directors on June 16, 2022. The 2022 Water Master Plan includes the construction of an 18” diameter water transmission pipeline to replace an existing 10” diameter water transmission pipeline in Alta Street, herein referenced as the “Atkinson Tank Pipeline” for consistency with the Master Plan. The Master Plan also shows abandonment of the 12” water transmission pipeline from the Atkinson Reservoir to La Canada Street with this pipeline replaced by a new 18” water transmission pipeline in the new La Canada Street alignment between the east and west ends of the project. As the name of this street was not known at the time of the preparation of the Master Plan it was called the Canal Street Pipeline in the Master Plan. Therefore, for the purposes of this Director’s Memorandum and the Agreements presented herein, this pipeline will be referred to as the “Canal Street Pipeline” for consistency with the Master Plan nomenclature.

The Developer proposes to abandon various easements in both tracts and streets for in-tract circulation improvements and to enable more lots to be built. The Developer also proposes to replace these easements with new easements in favor of the District in both tracts. Staff has reviewed this and find these various abandoned easements and new easements appropriate. These abandoned easements and new easements will be shown on the Final Tract Maps and the District will accept these and sign attestations of acceptance at the time the maps record. This will be brought to the Board of Directors at a future board meeting when the maps are ready to record. These various abandoned and new easements are shown int Attachment 2 for reference.

Construction Cost Estimates and Associated Water Capacity Fee EDU Credits

Staff has authorized Webb and Associates (“Webb”), who assisted the District in preparation of the 2022 Master Plan to determine current project costs in accordance with Section 7.2.2 of the Master Plan which states the following:

7.2.2 Cost Index and Price Escalation

Construction costs can be expected to undergo long-term changes in keeping with corresponding changes in the national economy. The best available barometer of these changes is the Engineering News-Record Construction Cost Index (ENR-CCI), which is computed from prices of construction materials and labor. For purposes of this report, cost data are based on an ENR-CCI Los Angeles of 13,341.33 (March 2022). By reference to the ENR-CCI at any future date,

the estimated construction costs included herein can be adjusted to match the current costs at that future date.

This clause allows the estimated costs to be updated to the time when actual construction is undertaken.

Webb has prepared the updated cost estimates which will be taken to the Board for approval at a future board meeting, but it is appropriate and fair to use these cost estimates now as the cost estimates in the 2022 Master Plan were done in 2021 just prior to a significant increase in construction costs. Staff is currently analyzing the effect of these increased costs on the Water Capacity Fees collected but the current \$6,800 per EDU is used for the purposes of these agreements. The reimbursement to the Developer is in the form of EDU Fee Credits to the extent practicable where the construction cost is divided by the EDU Fee to determine the EDU Fee Credit amount. These agreements contain language to permit the District to adjust the number of EDU Credits based on the currently adopted EDU Fees if the fees are increased in the future. It is the intention of Staff to make this adjustment in the future if necessary without having to return to the board to amend the agreements because the Developer and District have agreed to the adjustment by fact of the agreements and the board will adopt any changes to the Water Capacity Fees at a properly noticed hearing at which time all developers will be able to express their concerns to the fee change.

Reimbursement Agreement Canal Street Water Transmission Pipeline Realignment and Upgrade for Tract 32721

The length of the District Water Facility as shown in the 2022 Water Master Plan is 1,752 lineal feet yet only 696 lineal feet is within Tract 32721 with the balance within Tract 36947. The District has conditioned the Developer to build this segment of pipeline as part of approval of the water improvement plans for the tract. This District Water Facility is included in the 2022 Water Master Plan and its cost is considered in the calculation of the District's Water Capacity Fee.

The Developer has requested a credit equaling the cost of the District Facility against Water Capacity Fees due for the Project. Staff has reviewed this credit request and has proposed the credit amount be based on the incremental difference in cost carried in the 2022 Water Master Plan between a 12" diameter and a 18" diameter water pipeline for 696 lineal feet. This equates to \$512,465. There are 20 EDU's in this tract for a total EDU Credit of \$136,000 (6,800 x 20 EDU's), leaving a balance of \$376,465 to be paid in cash. In other words, the Developer will be reimbursed by 20 EDU Credits and \$376,465 to build this pipeline because the cost of the pipeline exceeds the value of the EDU Credits. This is shown in the agreement as Exhibit 6. This will be paid from the District's CIP reserves which are created from Water Capacity Fees previously collected and to be collected from other developers in the District. This is fair and appropriate because Water Capacity Fees don't only go to support a particular project but go to construct necessary projects throughout the entire District. This agreement is Attachment 3.

Reimbursement Agreement Atkinson Tank, Alta and Canal Water Transmission Realignment and Upgrade for Tract 36947

Tract 36947 not only contains the balance of the Canal Street Pipeline it contains the entire Atkinson Tank Pipeline and a portion of the Alta Street Pipeline, which the Developer has been conditioned to build as part of the approval of the water improvement plans for the tract. The balance of the Canal Street Pipeline contained within Tract 36947 is 1,056 lineal feet and the

cost of this segment is \$777,535. The Atkinson Tank Pipeline and the portion of the Alta Pipeline within this tract are 816 lineal feet bringing the total length reimbursed to 1,872 lineal feet. The Developer desires to relocate a portion of the Atkinson Tank Pipeline to better fit within the street layout of the tract which increases the length of the pipe. As the Developer would have to pay to relocate this pipe at 10" diameter absent the upgrade in the Master Plan to 18" diameter, the District will only reimburse the cost of the upgrade in pipe size for this length. Additionally, there is a new casement required to pass under the Canal, the Union Pacific Railroad and the SARI line in Canal Street. As the District would have to pay for this casement and the balance of the Atkinson Tank Pipeline in order to upgrade it to 18", the casement and pipeline costs are fully reimbursable under this agreement for the length indicated in the agreement as Exhibit 7.

These District Water Facilities are included in the 2022 Water Master Plan their costs are considered in the calculation of the District's Water Capacity Fee. The Developer has requested a credit equaling the cost of the District Facilities against Water Capacity Fees due for the Project. The total reimbursement amount has been determined to be \$1,414,393. There are 184 EDU's in this tract for a total EDU Credit of \$1,251,200 (\$6,800 x 184 EDU's) leaving a balance of \$163,193 to be paid in cash. In other words, the Developer will be reimbursed by 184 EDU Credits and \$163,193 to build this pipeline because the cost of the pipeline exceeds the value of the EDU Credits. As previously mentioned, this is shown in Exhibit 7 of the agreement. This will be paid from the District's CIP reserves which are created from Water Capacity Fees previously collected and to be collected from other developers in the District. This is fair and appropriate because Water Capacity Fees don't only go to support a particular project but go to construct necessary projects throughout the entire District. This agreement is Attachment 4.

Pending Sale and Joinder

Highpointe Development entered into joint escrow to sell this project to Lennar Homes on November 22, 2023, whereupon Highpointe Development has agreed to convey both tracts to Lennar Homes upon close of escrow. This is addressed in the recitals of both agreements and also by a Joinder Signatory Page signed by an appropriate representative of Lennar Homes in both agreements. When the sale goes through, Lennar Homes will assume all responsibility under the terms of the agreements as outlined therein and then become the Developer as defined by the agreements. The agreements also allow for assignment of the agreements to another developer if agreed to in writing by the District.

As Lennar will have already agreed to assume the agreements and will become the Developer by definition and the District agrees to this, a simple assignment will be done by staff with assistance of District Counsel at the time this happens.

If the escrow does not go through, Highpointe will remain the Developer by definition, remain responsible for the terms of the agreements and any assignment other than to Lennar Homes will be brought back to the Board for approval to become effective.

Coordination

Staff and District Counsel John Harper have coordinated with Highpointe Development and Lennar Homes in the development of the attached Agreements and recommend the Board of Directors consider their approval.

PRESENTATION BY STAFF: Reimbursement Agreement with Highpointe Development

Director Murphy moved, and Director Trowbridge seconded to approve the following:

The authorization of the General Manager to sign two Agreements entitled – “Reimbursement Agreement – Canal Street Water Transmission Pipeline Realignment and Upgrade for Tract No. 32721” and “Reimbursement Agreement – Atkinson Tank, Alta and Canal Water Transmission Pipeline Realignment and Upgrade for Tract No. 36947”.

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

- B. DM 2024-19:** Consider Professional Services and Software License Agreement with 120 Water to Assist the Rubidoux Community Services District with its Lead and Copper Service Line Inventory

BACKGROUND:

The United States Environmental Protection Agency (“U.S. EPA”) issued revisions to the federal Lead and Copper Rule (“LCR”) on January 15, 2021. U.S. EPA’s new Lead and Copper Rule Revisions (“LCRR”) strengthen every aspect of the LCR to better protect communities and children in elementary schools and childcare facilities from the impacts of lead exposure. The primary goal of the new LCRR is to eliminate lead from the nation’s drinking water and empower communities through information. From 2021-2024, the LCRR will require community water systems (“CWS’s”) and non-transient non-community water systems (“NTNC’s”) throughout the United States, of which approximately 4,000 are in California, to conduct an inventory of service lines and determine the material of those lines and fittings. Rubidoux Community Services District (“District”) is classified as a community water system.

On January 20, 2021, federal Executive Order 13990 directed all federal agencies to undertake review and action, as appropriate, to address the promulgation of federal regulations and other actions during the prior four years. Of those actions, the LCRR was specifically identified as an agency action requiring review. Consequently, U.S. EPA delayed the effective and compliance dates established in the LCRR to December 16, 2021, and October 16, 2024, respectively. U.S. EPA also engaged with local communities, states, local governments, utilities, and stakeholders for input regarding any changes that should be made to the LCRR.

On December 16, 2021, following U.S. EPA engagement activities, U.S. EPA published Docket No. EPA-HQ-OW-2021-0255 in the federal register. The LCRR compliance and effective dates listed above, as well as the text from the January 15, 2021, regulation, were not changed and became effective. Within the Docket, U.S. EPA committed to propose and revise the LCRR by October 2024 with the Lead and Copper Rule Improvements (“LCRI”). The LCRI are expected

to delay the implementation of portions of the LCRR beyond the October 16, 2024, compliance date, however, the U.S. EPA has not delayed the service line material inventory requirements in the LCRR.

As stated previously, the U.S. EPA's LCRR require all California CWS and NTNC water systems to develop and submit a service line material inventory to the Division of Drinking Water ("DDW") by October 16, 2024.

The inventory must include all service lines connecting the water main to the building inlet, regardless of ownership status (e.g., customer-owned and system-owned portions). In other words, even though the District does not own the service line between the meter and the customer's building, be it a residence, industrial or commercial property, the District is responsible for creating the inventory to submit to the DDW.

Each service line must be categorized as one of the following:

- Lead
- Non-lead
- Galvanized requiring replacement (GRR)
- Lead status unknown.

The DDW allows for predictive modeling and for interpolation in areas to make assumptions about the existence of Lead and Copper Service Lines based on the age of construction, existence of ordinances prohibiting Lead and Copper Service Lines or consideration that areas or neighborhoods have a high probability of having similar service lines. To this end, staff sought out proposals for assistance from several consultants to prepare the inventory for submittal to the DDW. Staff received and reviewed the proposals and held interviews with representatives of each to determine which would provide the best solution at the lowest cost. The consultants considered were Blue Conduit, Trinnex and 120Water. Blue Conduit's proposal is \$69,000; Trinnex's is \$39,500 and 120Water's proposal is \$21,000 plus charges for consumables during the inventory collection process.

Staff has determined 120Water's proposal represents the best value for the District as it is lower in cost than the other proposals and staff anticipates not needing all the consumables in their proposal. To cover the cost of potential consumables which won't be known until the inventory collection progresses, staff recommends adding \$10,000 to the base proposal, bringing the total to \$31,000 which is less than next lowest proposal. The consumables include things such as mailing of surveys, letters and postcards to the properties identified as needing physical inspections by District field staff. Staff recommends phased Task Orders be issued to the consultant. The initial Task Order of \$21,000 will be issued to 120Water with the acceptance of this proposal by the Board and staff will have authorization to issue additional Task Orders for the consumables as they become known up to \$10,000.

Budget Considerations:

This standalone consulting work was not considered by staff when preparing the F.Y. 2023|2024 Water Fund Budget. Historically, when proposals are brought to the Board for consideration without a previously approved budget, staff recommend funding these efforts from unrestricted reserves. At the end of February, the District is now eight (8) months into the current fiscal year and has begun the budgeting process for F.Y. 2024|2025. These efforts include looking at the

year-to-date financial information of F.Y. 2023|2024 and annualizing the amounts to serve as a baseline for establishing the new F.Y. 2024|2025 budget. Based on the results of this analysis, staff anticipates F.Y. 2023|2024 Water Fund Budget Ln 46 ‘Consulting Fees: Operator Training/SOPs’ (“Ln 46”) should have sufficient capacity to reallocate monies to cover the cost of the Lead and Copper Service Lines inventory proposal. Currently, Ln 46 has incurred approximately \$49,000 in expenses. This number was annualized and is expected to be \$73,000 by the end of the fiscal year. Ln 46 has an approved budget of \$150,000, or \$77,000 in excess capacity. Instead of paying for the Lead and Copper Service Line Inventory work through unrestricted reserves, staff recommends a budget amendment to reallocate \$31,000 from Ln. 46 and create a new consulting fees account in the Water Fund Budget titled ‘Consulting Fees: Lead and Copper Service Line Inventory’ in the amount of \$31,000. Approving this recommendation will result in a budget neutral effect.

Director Trowbridge moved, and Director Murphy seconded to approve the following:

1. Reallocate \$31,000 of the F.Y. 2023|2024 Water Fund Budget Ln. 46 ‘Consulting Fees: Operator Training/SOPs’ to a new account in the F.Y. 2023|2024 Water Fund Budget titled ‘Consulting Fees: Lead and Copper Service Line Inventory’.
2. Accept the proposal from 120Water and issue phased Task Orders up to \$31,000 to assist staff in developing its Lead and Copper Service Line Inventory.

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

C. DM 2024-20: Consider Updates to Certain Policies of the Rubidoux Community Services District Employee Handbook

BACKGROUND:

The Rubidoux Community Services District (“District”) Employee Handbook (“Handbook”) is designed to be a user-friendly source of general information about the District, compensation, benefits, policies, and state and federal laws. The Handbook contains a wide variety of information that should be especially useful to new hires as well as current staff. It serves as reinforcement to all employees of the importance of the District’s mission and goals and as a reminder to employees of the vital role they play in the District.

The Handbook is not a replacement for the current Memorandum of Understanding (“MOU”) between the District and employees represented by the Laborers’ International Union of North America, Local 777 (“Union”), but rather supplements the MOU.

The District's Board of Directors ("Board") last updated the Handbook in its entirety on June 17, 2021 (DM 2021-40). Since 2021, there have been various revisions to the Handbook approved by the Board to include changes in California law and statutes. On January 18, 2024, during the regular meeting of the Board, staff presented Director's Memorandum ("DM") 2024-04 to the Board for consideration. DM 2024-04 proposed modifications to the existing Handbook based upon the advice of the District's labor counsel to keep the Handbook compliant with current state laws and statutes. The updates included but were not limited to grammatical, formatting, numbering changes, as well as eliminating the use of gender specific pronouns to make it more gender neutral as reference to the employee.

Additionally, the District's labor counsel and staff proposed modifications to the sick leave policy to comply with the updated state law. The changes include the following verbiage, "Full time employees will always be provided with no less than three (3) days of sick leave by their 120th day of employment and upon their 120th anniversary day in any subsequent year of employment and two (2) additional days of sick leave on their 200th day of employment and every subsequent 200th day anniversary."

A "redlined" copy of the proposed Handbook modifications was attached to the original DM 2024-04 in the January 18, 2024, Board packet. This Board packet can still be viewed on the District's website at www.rcsd.org.

During Board deliberation of DM 2024-04 on January 18, 2024, the Board directed staff investigate the requirements of keeping Policy #2141 in the Handbook as written. It's worth noting, Policy #2141 has been included in the Handbook since 2021.

At the advice of the District's labor counsel, they noted Policy #2141 "*as currently written is consistent with California law and that while it could be an option to remove the policy, they [District] would still have to follow the practice that is set forth in the current written policy.*"

This means the District, in its discretion, can remove Policy #2141 in its entirety but remains obligated to operate in a manner consistent with the Policy, as doing so is a requirement of California law. Because of this requirement, staff proposes Policy #2141 remain in the Handbook as a prudent business practice. Removing the written policy but still being required to comply with the laws for which the Policy was written will undoubtedly lead to confusion amongst staff and management. Having a clear and concise Handbook provides clarity to the workplace to prevent misunderstandings and conflicts while also reducing the risk of legal issues or penalties.

Based on the determination above, no revisions have been made to the Draft Handbook as presented to the Board as DM 2024-04 on January 18, 2024. Due to the length of the Handbook, the current draft is not included as an attachment to Director's Memorandum ("DM") 2024-20 but may be reviewed on the District's website at www.rcsd.org in the January 18, 2024, meeting subsection of the webpage within the PDF entitled '*Board Packet 2024-01-18*' or provided to the Board at their request.

Personnel Committee:

Prior to re-introducing the Employee Handbook (as first presented on January 18, 2024, under DM 2024-04), to the full Board for consideration, staff first discussed the re-introduction with the Personnel Committee. On February 14, 2024, the Personnel Committee considered the

proposed modifications to the Employee Handbook. This included reviewing the District’s labor counsel’s advice which recommended leaving Policy #2141 in the Handbook and with its current language. At the conclusion of the Committee’s deliberation, both Committee members unanimously voted to approve the following recommendations:

1. Approve the revised Rubidoux Community Services District Employee Handbook, as drafted for DM 2024-04 on January 18, 2024.
2. Direct the General Manager to agendize the revised Employee Handbook for consideration by the full Board at the regularly scheduled March 7, 2024, Board of Directors meeting.

PRESENTATION BY STAFF

The Board deliberated and Director Murphy moved a motion to remove Policy 2141 Inclusive Workplace Policy from the Employee Handbook. The motion made was not seconded. The motion by Director Murphy was not carried.

Director Skerbelis moved, and Director Trowbridge seconded to approve the following:

Modifications to the Rubidoux Community Services District’s Employee Handbook as first drafted and introduced on January 18, 2024, under DM 2024-04.

Roll call:

- Ayes – 3**
- Noes – 1**
- Abstain – 0**
- Absent – 1**

The motion was carried 3-1-0-1.

- D. DM 2024-21: Consider Expenditure of CalRecycle SB 1383 Local Assistance Grant Program Monies**

BACKGROUND:

Rubidoux Community Services District (“District”) provides solid waste collection for customers within its service boundaries. The District accomplishes this service through an agreement with Burrtec Waste Industries, Inc. (“Burrtec”). On September 19, 2016, Senate Bill 1383 (“SB 1383”), the Short-lived Climate Pollutant Reduction Act, was signed into law mandating all jurisdictions providing solid waste collection to adopt an organic recycling ordinance. The main goal of SB 1383 is to reduce organic waste disposal by 75 percent and increase edible food recovery by 20 percent by the year 2025. This legislation requires businesses, multi-family dwellings, and single-family residential properties to have access to recycling programs that collect food waste, green waste, wood waste, and fibers such as paper and cardboard.

The State of California relies on the California Department of Resources Recycling and Recovery, known as CalRecycle, a department within the California Environmental Protection

Agency to develop regulations associated with waste and recycling laws passed by the legislature.

To comply with SB 1383 the District is mandated to:

- Provide organic waste collection services to all District solid waste customers including green waste, wood waste, food waste, etc.; and
- Implement an edible food recovery program recovering edible food from commercial edible food generators; and
- Provide education and outreach to haulers, generators, and edible food recovery organizations; and
- Procure recycled organic waste products such as compost, renewable gas, and mulch; and
- Plan and secure access for recycling and increasing edible food recovery capacity; and
- Monitor compliance efforts and conduct enforcement for annual reporting requirements.

Public Resources Code sections 48000 et seq. authorize CalRecycle to administer various grant programs in furtherance of the State of California’s efforts to reduce, recycle, and reuse solid waste generated in the state thereby preserving landfill capacity and protecting public health and safety of the environment. In 2021, CalRecycle began administering a grant program meant to provide aid in the implementation of regulations adopted by CalRecycle. This non-competitive grant program provided funding to local jurisdictions to assist with the implementation of regulation requirements associated with SB 1383.

On February 3, 2022, under Director’s Memorandum (“DM”) 2022-11, the Board of Directors (“Board”) adopted Resolution No. 2022-885, *A Resolution of the Board of Directors Authorizing Submittal of Application(s) for All CalRecycle Grants the Rubidoux Community Services District is Eligible*. (Attachment 1) The District applied for a total of \$49,550 and specified on the grant application the money would be used towards eligible grant expenses which included:

1. Marketing/Promotion/Outreach (Food waste pails)
2. SB 1383 education

The District received a total of \$53,174 in grant monies from CalRecycle. With interest earnings, this amount has grown to \$55,379 as of March 7, 2024. The interest earnings of \$2,205 carry the same grant stipulations as the original principal amount. These funds are not allowed to offset operational costs charged by Burrtec. Further, the funds must be spent by Thursday, May 2, 2024. If the funds are not utilized the funds will have to be returned to CalRecycle. After several discussions with staff, the proposed plan is to spend the funds on the following items to assist the customers in the implementation of SB 1383.

Item:	Quantity:	Cost:
2 Gallon Compost Bin	2,800	\$ 52,258.83
Food Waste Labels	2,800	\$ 1,668.23
Giveaway Flyers	6,725	\$ 1,492.54
Total Cost:		\$ 55,419.60

To expend all the grant monies but minimize additional “out-of-pocket” expenses, the District can purchase 2,800 bins. Including bin labels and educational materials, the total anticipated cost of this proposal is \$55,419.60. With the grant offset, the District’s contribution is expected to be

less than \$100. Included in the FY 2023|2024 Trash Fund Budget is line 8 ‘SB 1383 Administrative Expenses’. As of the writing of this DM, no monies have been charged to this expense account nor is the account expected to incur significant costs the remainder of the year. Staff proposes allocating \$5,500 (10% of grant expenditure proposal) from this line item as a contingency buffer to cover any unanticipated cost overages from the purchase of the pails and the hosting of the events.

District customers will be eligible to receive a free food waste bin and are limited to one per household. The bin will be labeled accordingly to assist customers with the food waste process. The labels are custom labels created specifically for food waste bins. The bins will be available for pick up on a first come, first served basis and while supplies last. The giveaway of the bins is scheduled to take place on Wednesday, April 17th, and Wednesday, April 24th from 3-6 PM in the District parking lot. The event will be hosted by District staff. Customers will be asked to sign in by providing their name, address, telephone number/email. The sign in sheets will be kept for record keeping.

If customers are unable to attend the giveaway scheduled events the remainder of the bins will be available for customers to pick up during regular office hours Monday-Friday 8 AM-5 PM at the front counter. Customers will be notified in advance of the giveaway events. The giveaway events notice will be mailed to all District customers, posted on the District’s website, and social media channels prior to the events taking place.

Solid Waste Committee:

On February 28, 2024, the Solid Waste Committee considered the proposed expenditure of the CalRecycle SB 1383 Local Assistance Grant Program monies as described above. The Committee deliberated on the expenditure of the grant monies, on staff’s budget considerations, and on the community outreach events. At the conclusion of the Committee’s deliberation, both Committee members unanimously voted to approve the following recommendations:

1. Approve the expenditure of the SB 1383 Local Assistance Grant Program monies.
2. Allocate \$5,500 from the FY 2023|2024 Trash Fund Budget line 8 ‘SB 1383 Administrative Expenses’ to cover unanticipated cost overages.
3. Schedule the free giveaway events on Wednesday, April 17th and Wednesday, April 24th, from 3-6 PM.
4. Direct the General Manager to agendize recommendation items 1-3 for consideration by the full Board at the regularly scheduled March 7, 2024, Board of Directors meeting.

PRESENTATION BY STAFF

Director Murphy requested for staff to provide a yearly report on the results of the bins. Staff will receive the information from Burrtec. The time period will be measured from the date the bins are distributed to a year from that distribution date.

Director Murphy moved, and Director Skerbelis seconded to approve the following:

1. Approve the expenditure of the SB 1383 Local Assistance Grant Program monies.
2. Allocate \$5,500 from the FY 2023|2024 Trash Fund Budget line 8 ‘SB 1383 Administrative Expenses’ to cover unanticipated cost overages.

3. Schedule the free giveaway events on Wednesday, April 17th and Wednesday, April 24th from 3-6 PM (Tentative Dates, subject to change)
4. Provide the Board a yearly report with the results of the outcome of the bins.

Roll call:

Ayes – 3

Noes – 1

Abstain – 0

Absent – 1

The motion was carried 3-1-0-1.

E. DM 2024-22: Consider Ballots for Riverside LAFCO 2024 Elections

BACKGROUND:

The Riverside Local Agency Formation Commission (“LAFCO”) has a seven-member commission comprised of two members representing the County of Riverside, two members representing Cities within Riverside County, two members representing Special Districts within Riverside County, and one member representing the Public. There is one alternate for each member type and commissioners serve four-year terms. Of the two members representing Special Districts, one comes from the western portion of the county and one comes from the eastern portion of the county. The Rubidoux Community Services District (“District”) lies within the western region.

On December 14, 2023, staff received correspondence from LAFCO indicating a vacancy of its Alternate Special District Member – Countywide representative and was soliciting a call for nominations for any Board Member (“Board”) interested in filling the position. The term of the vacant position will run from May 6, 2024, until May 1, 2028. Further, included in the correspondence was a notice of vacancy for a Regular Special District Member – Eastern Region. Although the District lies with the western region and is precluded from being nominated for this vacancy, the District, being a member of the Special District Selection Committee may cast a ballot for this position.

During the regularly scheduled Board meeting on January 4, 2024, Director Murphy indicated interest in the LAFCO Alternate Special District Member position and the Board subsequently supported nominating Director Murphy to be considered for the position. Staff submitted the Special District Selection Committee 2024 Countywide Alternate Member Nomination Form to LAFCO on January 8, 2024 (Attachment 1).

On February 15, 2024, staff received the LAFCO Special District Selection Committee 2024 Official Election Ballot and instructions for the Alternate Special District Member – Countywide and Regular Special District Member – Eastern Region (Attachments 2-4). Director Murphy is included on the Alternate Special District Member – Countywide ballot. There are a total of five (5) nominees. The Regular Special District Member – Eastern Region ballot includes two (2) nominees.

LAFCO conducts its voting using Instant Runoff Voting (“IRV”) which eliminates the requirement for the expensive and lengthy process of sending out a second runoff ballot to achieve a majority. An example of demonstrating how IRV works is attached (Attachment 5). To submit the ballot the Board needs to rank each region’s nominees in the order of preference, using “1” for the District’s first choice, “2” for the District’s second choice and so on. Ranking more than one candidate will not work against the District’s first choice candidate, however, voting for only one candidate is allowed. For example, if the Board ranks Director Murphy as their first preference for the Alternate Special District Member - Countywide, then the “1” is circled next to his name and then the District could either stop there or proceed with ranking the remaining five candidates. All completed ballots must be received by LAFCO no later than April 15, 2024.

Staff is seeking direction for both ballots and recommends the following actions:

Alternate Special District Member – Countywide

Director Murphy was nominated by the Board for the Alternate Special District Member – Countywide vacancy on January 4, 2024. The Board should consider:

1. Rank Director Murphy as candidate “1”.

AND

2. Deliberate and rank the remaining candidates **OR** leave the remaining ballot blank.

Regular Special District Member – Eastern Region

The District lies within the western region thus was precluded from being considered for an eastern region position. Nonetheless, the District is allowed to submit a ballot for the eastern region vacancy. The District received a candidate statement for Bruce Underwood, one of the two candidates on the ballot. Staff is making no recommendation for ranking preference and is merely providing the information for consideration. The Board should consider:

1. Deliberate and rank the two candidates and submit the ballot.

OR

2. Not submit a ballot.

PRESENTATION BY STAFF

Director Skerbelis moved, and Director Murphy seconded to approve the following:

1. LAFCO Alternate Special District Member – Countywide Rank Director Murphy as candidate “1” and leave the remaining ballot blank.
2. Regular Special District Member – Eastern Region not submit a ballot.

3. Authorize the Board President to sign the ballot on behalf of the District and direct the General Manager to submit the ballot(s) to LAFCO on or before April 15, 2024.

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

CONSENT CALENDAR ITEM 5A. Approval of Minutes for February 15, 2024, Regular Meeting to be moved/added to “ACTION/DISCUSSION ITEMS” as Item 8F.

**RUBIDOUX COMMUNITY SERVICES DISTRICT
BOARD OF DIRECTORS**

**MINUTES OF REGULAR MEETING
Thursday, February 15, 2024**

DIRECTORS PRESENT: Bernard Murphy
John Skerbelis
F. Forest Trowbridge
Hank Trueba, Jr.

DIRECTORS ABSENT: Armando Muniz

STAFF PRESENT: Brian Laddusaw, General Manager
Ted Beckwith, Director of Engineering
Miguel Valdez, Director of Operations
Martha Perez, Customer Service/Accounts Payable
Manager
Melissa Trujillo, HR Generalist/Safety and Facilities
Coordinator
Kirk Hamblin, Director of Finance and Administration

VISITORS (SIGNED IN): None

ITEM 1. CALL TO ORDER

The meeting of the Board of Directors of the Rubidoux Community Services District by President Skerbelis, at 4:00 P.M., Thursday, February 15, 2024, in-person and by teleconferencing at the District’s Administrative Office, 3590 Rubidoux Boulevard, Jurupa Valley, California.

ITEM 2. PLEDGE OF ALLEGIANCE – General Manager

ITEM 3. ROLL CALL – General Manager

ITEM 4. PUBLIC COMMENTS

ITEM 5. CONSENT CALENDAR

- A. Approval of Minutes for February 1, 2024, Regular Meeting
- B. Consideration to Approve:
 - 1. February 16, 2024, Salaries, Expenses and Transfers
 - 2. March 1, 2024, Salaries, Expenses and Transfers
- C. **DM 2024-08:** Consider Proposal of Support Services Agreement with PlanetBids
- D. **DM 2024-09:** Receive and File Statement of Cash Asset Schedule Report Ending December 2023

Director Trueba moved, and Director Murphy seconded to approve the Consent Calendar:

Roll call:

Ayes – 4
Noes – 0
Abstain – 0
Absent – 1

The motion was carried 4-0-0-1.

ITEM 6. CORRESPONDENCE AND RELATED INFORMATION

None

ITEM 7. REPORTS

C. Operations Report (Second Meeting Each Month)

Director of Operations Miguel Valdez reported on the water/wastewater report for the month of January, production was an average of 3.09 mg per day and an average of 1.71 mg/day was the wastewater flow to Riverside. Well No. 18 produced 45.2% of water, Well No. 8 produced 0.0%,

Well No. 6 produced 19.6%, Well No. 4 produced 10.6%, Well No. 2 produced 0.0%, Well No. 1 produced 24.5%, and JCSD Intertie produced 0% of water.

D. Emergency and Incident Report (Second Meeting Each Month)

Fire Station 38 Personnel were not in attendance at the meeting. The Emergency and Incident Report will be moved to the first scheduled Board Meeting on March 7, 2024.

E. General Manager and Staff Reports / Updates

General Manager Brian Laddusaw (“GM Laddusaw”) commented on the Form 700’s the Board of Directors (“Board”) and District Officials will need to complete by March 1, 2024. Director Murphy and Director Muniz have not submitted the form as of the Board Meeting. GM Laddusaw reminded the Board about the Retail Agency Roundtable 2024 invite scheduled for Wednesday, February 21, 2024, from 12:00 to 1:30 PM hosted by Western Water featuring guest speaker Adel Hagekhalil General Manager of the Metropolitan Water District. Director Skerbelis, Director Trowbridge, and Director Murphy had previously agreed to attend the event. Director Trueba and Director Muniz will not be in attendance. GM Laddusaw also reminded the Board about the scheduled Study Session taking place at the City of Jurupa Valley to discuss the American Rescue Plan Act (ARPA). The Study Session is scheduled for 6:00 PM following the Council Meeting at 7:00 PM. Director Skerbelis, Director Trueba, and Director Murphy will attend the Study Session with GM Laddusaw.

D. Committee Reports

GM Laddusaw provided the Board with an update on the Personnel Committee, the Regional Advisory Committee (RAC), and the Solid Waste Committee. The Personnel Committee met on Wednesday, February 14th to discuss the status of the Employee Handbook. The Committee members of the Personnel Committee are Director Skerbelis and Director Trowbridge. They approved for staff to proceed with the Employee Handbook recommended updates and not make any changes to policy 2141 Inclusive Workplace Policy. The Employee Handbook will be taken to the full Board for approval at the next scheduled Board meeting. The RAC Committee has been scheduled to meet on Tuesday, February 27th at 4:00 PM. The Board members include Director Murphy and Director Skerbelis. The Solid Waste Committee will be meeting on Wednesday, February 28th at 11:00 AM. The Board members include Director Skerbelis and Director Trueba.

ITEM 8. ACTION/DISCUSSION ITEMS.

A. DM 2024-10: Consider a Professional Services Contract with Webb and Associates for the Basis of Design for the Leland Thompson Water Treatment Facility Expansion

BACKGROUND:

The Rubidoux Community Services District (“District”) operates a Water Treatment Facility called the Leland Thompson Water Treatment Facility (“Thompson Plant”) located on the east side of 34th Street between Crestmore Road and Daly Street. The Thompson Plant was originally built in the 1990’s to treat for Manganese present in the District’s well water. In 2019 the Division of Drinking Water issued an order for compliance with new regulations lowering

permitted limits for PFAS and related constituents (hereinafter referred to as “PFAS”) in the drinking water provided by the District to its customers. The District retained an engineering firm, Hazen and Sawyer in 2020 to design an Ion Exchange System to remove PFAS from the drinking water. The Ion Exchange System is in addition to the existing Manganese treatment at the Thompson Plant. The Ion Exchange System was placed into service in September 2021.

The District pumps water from three wells for treatment at the Thompson Plant, namely 1A, 8 and 18 with the treated water blended with Well 2 in a pipeline running along 34th Street to the intersection of 34th Street with Avalon Street. All these wells were previously pumped at a pressure of around 125psi going into the Manganese removal vessels at the Thompson Plant. With the addition of the Ion Exchange System vessels for PFAS removal, the raw water needs to be pumped at an even higher pressure of approximately 160psi to 170psi due to pressure losses going through the Ion Exchange System vessels. The water coming out of these vessels is again around 125psi due to these pressure losses. A pressure of 125psi is necessary to “lift” the water from the elevation of 780’ at the Thompson Plant to the 1066’ elevation of the reservoirs in the Atkinson Pressure Zone.

The Manganese treatment vessels need to be cleaned by a process called “backwashing”. When these vessels go through the necessary backwash process, water is pulled from the transmission and distribution system causing flow reversal, high pressure fluctuations and water hammer which has resulted in pipe breaks in the Loring Ranch area and catastrophic failure of valve stems at the Thompson Plant itself.

Staff has determined reducing the operational pressure at the Thompson Plant and providing a Backwash Supply Reservoir will be advantageous to overall operations and safety of the Thompson Plant and eliminate blow outs, breaks and leaks in the system, especially in the Loring Ranch area.

The existing Mahnke Water Treatment Facility (“Mahnke Plant”) is near the Thompson Plant at the corner of 34th Street and Crestmore Road. This plant is non-operational with the treatment previously performed at this plant for Well 1 and later Well 1A moved to the Thompson Plant. Additionally, a new development called The District at Jurupa Valley (“Development”) is being processed by E.M. Ranch Owner, LLC, (“the Developer”) through the City of Jurupa Valley for Entitlements and recordation of the tract map. Included in this tract map is a lot (formally referred to “Lot 10” but the latest Tract Map shows it as “Lot 8” so it will be hereinafter referred to as “Lot 8”) adjacent to the Thompson Plant site for which the District has an existing agreement to obtain Lot 8 at fair market value. The District intends to obtain this property by negotiating a fair price with the Developer based on appraised value. This lot adjoins the Thompson Plant and extends southerly on 34th street such that it is immediately across 34th Street from the Mahnke Plant at the intersection of 34th Street with Crestmore Road.

Currently the District is developing Well 25 on the west side of Mission Blvd and will be bringing raw water from the well site to the Thompson Plant for treatment via a raw water transmission pipeline on Daly Street. Also, the District has an agreement with the Developer to obtain two additional lots within the Development for construction of future wells as the District grows to build out. The Thompson Plant is nearing capacity for additional treatment on the existing “footprint” of the plant for these additional wells and after the acquisition of Lot 8 the District will have land across the street from the non-operational Mahnke Plant.

New and expanded water treatment operations for the new wells in the area surrounding the Thompson Plant will be developed on these combined properties and include additional vessels for Manganese and PFAS treatment as needed for the new wells and a blending reservoir to blend water from Well 2 rather than blending in the pipeline along Avalon Street. This reservoir will also be utilized as a source of water for the backwash water for the Manganese vessels. Additionally, the raw water can be pumped and treated at a lower operating pressure than it is currently with the addition of new booster pumps installed after treatment to lift the water to the reservoirs.

The Basis of Design is a road map to follow to get from where the District is now to where it needs to be in a few years as additional development and associated demands on the District's water delivery, in this specific case a plan on how to develop the District's water treatment strategy at the Thompson Plant to provide increased capacity and reliability going forward. The Basis of Design Report will include preliminary hydraulics, pump sizing, reservoir sizing, siting of the improvements providing increased capacity and reliability, allowing the District to properly plan for the construction of these new facilities going forward.

The District obtained two proposals from its primary engineering consultants, namely Krieger & Stewart ("K&S") and Webb and Associates ("Webb"). Both firms are considered competent to prepare the Basis of Design for the Leland Thompson Water Treatment Facility Expansion and upgrade. K&S submitted a proposal for \$54,600 and Webb submitted a proposal for \$82,420.

Webb's proposal is more complete and includes additional scope for the following:

- Site Visit to document the existing site,
- Preparation of Process Schematics which are necessary to develop the future design,
- Two Workshops with District Staff which are essential in properly communicating the District's needs and expectations – Webb will meet with staff to present the Draft Basis of Design and then the Final Basis of Design incorporating Staff comments.

Additionally, Webb's proposal includes more effort in data gathering, site visit, equipment sizing and process schematic layout than does Krieger and Stewart's. Additionally, Webb has prepared the Districts' current Water Master Plan (and Wastewater Master Plan) and is currently working on developing the previously mentioned Well 25. For these reasons, staff consider Webb's proposal to better suit the needs of the District in this extremely important task.

BUDGETARY CONSIDERATIONS:

The District did not anticipate this work for F.Y. 2023|2024 and did not include it in the budget but it has become apparent to prioritize these efforts. Several events have transpired since the budget was developed nearly a year ago. These include high pressure in the piping within the Thompson Plant causing catastrophic valve failure, pressure fluctuations and generally high residual pressures in the Loring Ranch area causing pipeline failures, the award of nearly a \$1.5 million grant for the development of Well 25, development of the EM Ranch Owner property moving ahead sooner than expected as well as several tracts under development all requiring the District be prepared to provide adequate water supplies to these future customers. In F.Y. 2022|23, the District received large water capacity fee payments from the Lennar Shadow Rock Development and the Agua Mansa Commerce Park Development.

Although the expansion and revised operation of the Thompson Plant is not specifically included in the 2022 Water Master Plan, several wells are included and included in the cost for developing these wells is the associated cost of developing treatment for these wells. This treatment will occur at the Thompson Plant and this work is therefore part of the cost of developing future wells. Staff proposes a budget amendment of \$100,000 from the District's CIP Reserve Budget into the District's F.Y. 2023|2024 CIP Budget creating a new line item called "Leland Thompson Water Treatment Facility Basis of Design" for this effort and use these funds to issue a task order to Webb and Associates for this work. Furthermore, staff recommends a contingency be included for this work in the amount of \$17,580, bringing the total amount authorized to \$100,000. Of this \$100,000, staff will issue a Task Order to Webb for \$82,400 with the ability to issue additional task orders for this effort up to a total of \$100,000 if deemed necessary.

Director Trowbridge moved, and Director Trueba seconded to approve the following:

3. Create a new Budget line item in the F.Y. 2023|2024 CIP Budget called "Leland Thompson Water Treatment Facility Basis of Design".
4. Transfer \$100,000 from the District's CIP Reserve Budget into this newly created Budget line item.
5. Sign a Task Order with Webb and Associates in the amount of \$82,420 for the Thompson Plant Basis of Design Effort.

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

B. DM 2024-11: Consider a Professional Services Contract with Webb and Associates for a Phase II Environmental Study for Purchase of a Parcel of Land for the Leland Thompson Water Treatment Facility Expansion

BACKGROUND:

The Rubidoux Community Services District ("District") operates a Water Treatment Facility called the Leland Thompson Water Treatment Facility ("Thompson Plant") located on the east side of 34th Street between Crestmore Road and Daly Street. The Thompson Plant was originally built in the 1990's to treat for Manganese present in the District's well water. In 2019 the Division of Drinking Water issued an order for compliance with new regulations lowering permitted limits for PFAS and related constituents (hereinafter referred to as "PFAS") in the drinking water provided by the District to its customers. The District retained an engineering firm, Hazen and Sawyer in 2020 to design an Ion Exchange System to remove PFAS from the drinking water. The Ion Exchange System is in addition to the existing Manganese treatment at the Thompson Plant. The Ion Exchange System was placed into service in September 2021.

The District pumps water from three wells for treatment at the Thompson Plant, namely 1A, 8 and 18 with the treated water blended with Well 2 in a pipeline running along 34th Street to the intersection of 34th Street with Avalon Street. All these wells were previously pumped at a pressure of around 125psi going into the Manganese removal vessels at the Thompson Plant. With the addition of the Ion Exchange System vessels for PFAS removal, the raw water needs to be pumped at an even higher pressure of approximately 160psi to 170psi due to pressure losses going through the Ion Exchange System vessels. The water coming out of these vessels is again around 125psi due to these pressure losses. A pressure of 125psi is necessary to “lift” the water from the elevation of 780’ at the Thompson Plant to the 1066’ elevation of the reservoirs in the Atkinson Pressure Zone.

The Manganese treatment vessels need to be cleaned by a process called “backwashing”. When these vessels go through the necessary backwash process, water is pulled from the transmission and distribution system causing flow reversal, high pressure fluctuations and water hammer which has resulted in pipe breaks in the Loring Ranch area and catastrophic failure of valve stems at the Thompson Plant itself.

Staff has determined reducing the operational pressure at the Thompson Plant and providing a Backwash Supply Reservoir will be advantageous to overall operations and safety of the Thompson Plan and eliminate blow outs, breaks and leaks in the system, especially in the Loring Ranch area.

The existing Mahnke Water Treatment Facility (“Mahnke Plant”) is near the Thompson Plant at the corner of 34th Street and Crestmore Road. This plant is non-operational with the treatment previously performed at this plant for Well 1 and later Well 1A moved to the Thompson Plant. Additionally, a new development called The District at Jurupa Valley (“Development”) is being processed by E.M. Ranch Owner, LLC, (“the Developer”) through the City of Jurupa Valley for Entitlements and recordation of the tract map. Included in this tract map is a lot (formally referred to “Lot 10” but the latest Tract Map shows it as “Lot 8” so it will be hereinafter referred to as “Lot 8”) adjacent to the Thompson Plant sight for which the District has an existing agreement to obtain Lot 8 at fair market value. The District intends to obtain this property by negotiating a fair price with the Developer based on appraised value. This lot adjoins the Thompson Plant and extends southerly on 34th street such that it is immediately across 34th Street from the Mahnke Plant at the intersection of 34th Street with Crestmore Road.

Currently the District is developing Well 25 on the west side of Mission Blvd and will be bringing raw water from the well site to the Thompson Plant for treatment via a raw water transmission pipeline on Daly Street. Also, the District has an agreement with the Developer to obtain two additional lots within the Development for construction of future wells as the District grows to build out. The Thompson Plant is nearing capacity for additional treatment on the existing “footprint” of the plant for these additional wells and after the acquisition of Lot 8 will be across the street from the non-operational Mahnke Plant.

New and expanded water treatment operations for the new wells in the area surrounding the Thompson Plant will be developed on these combined properties and include additional vessels for Manganese and PFAS treatment as needed for the new wells and a blending reservoir to blend water from Well 2 rather than blending in the pipeline along Avalon Street. This reservoir will also be utilized as a source of water for the backwash water for the Manganese vessels. Additionally, the raw water can be pumped and treated at a lower operating pressure than it is

currently with the addition of new booster pumps installed after treatment to lift the water to the reservoirs.

Recognizing these needs, staff conditioned the Developer to provide parcels of land for the expansion of the Leland Thompson Water Treatment Facility in addition to two future well sites within the Development. The District has entered into an agreement with the Developer whereupon the Developer agrees to sell these parcels to the District at fair market value as determined by appraisals. The District further amended the agreement to purchase the site for the Thompson Plant expansion ahead of the purchase of the well sites. Additionally, the amended agreement allowed for purchase of the parcel for the expansion of the Thompson Plant with cash or reimbursement using Water Capacity / Connection Fees to have more flexibility in the timing to purchase the parcel.

The District authorized and performed a Phase I Environmental Assessment (“Phase I EA”) on the two well sites and the parcel adjacent to the Leland Thompson Plant. The Phase I EA consists only of a review of records for known environmental hazards, a review of historic aerial photography and a visual site reconnaissance without an in-depth analysis of the potential for unknown spills and contamination.

Staff is aware of and knowledgeable of the storage of diesel tractors and trailers on the site prior to the performance of the Phase I EA which were removed with the site cleared of all debris and brush before the site reconnaissance was performed. This resulted in the Phase I EA coming back with no issues reported. For this reason, staff feels it is prudent to perform a Phase II Environmental Assessment (“Phase II EA”) on the site. This is not to preclude the District purchasing the site as the District needs land to expand the Thompson Plant but rather part of Due Diligence in purchasing the land. If it is known that some level of remediation will be necessary, the costs of the remediation can be considered in the purchase price of the parcel.

The Phase I EA was provided by Webb and Associates (“Webb”) and presented to the District in December 2023. A copy of the Phase I EA is available in the District Office for review. The report concludes, “This assessment has revealed no evidence of recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the Subject Property.” Nevertheless, it is considered prudent to perform a Phase II EA which consists of doing a few shallow (4’ deep) open trench excavations, grabbing soil samples and sending them to the laboratory for analysis.

Staff requested a proposal from Webb for the Phase II EA. Webb’s proposal is for \$10,400 for the field exploratory work, lab work and preparation of a report of findings. No contingency is expected for this scope of work, so the total request is \$10,400.

BUDGETARY CONSIDERATIONS:

Included in the District’s FY 2023|2024 Water Capital Improvement Project (“CIP”) Budget is line 9 ‘District at JV Well Sites/LT Expansion’ in the amount of \$18,000. Staff proposes the District utilize \$10,400 of these budgeted monies for this effort. No budget amendment is necessary.

Director Trowbridge moved, and Director Trueba seconded to approve the following:

1. Utilize \$10,400 of the FY 2023|2024 Water Capital Improvement Project (“CIP”) Budget amount of \$18,000 for the Phase II Environmental Assessment work.
2. Sign a Task Order with Webb and Associates in the amount of \$10,400 for this effort.

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

C. DM 2024-12: Consider American Rescue Plan Act Utility Bill Assistance Grant Agreement with the City of Jurupa Valley

BACKGROUND:

On March 21, 2021, President Biden signed the American Rescue Plan Act (ARPA) into law. The \$1.9 trillion package was intended to directly combat the COVID-19 pandemic and the resulting economic impacts. ARPA allocated \$350 billion towards the State and Local Fiscal Recovery Fund (SLFRF) as fiscal relief for state and local governments.

The City of Jurupa Valley (“City”) received approximately \$28,077,013 in ARPA funding.

Based on the availability of ARPA-allocated funds, the City has decided to provide funding to subrecipients to further the purposes of ARPA. The City offered to enter into a subrecipient agreement with Rubidoux Community Services District (“District”).

The purpose of this Agreement is to promote public health and address the negative economic impacts of the COVID-19 public health emergency by providing two-hundred eight thousand, nine hundred fifteen dollars (\$208,915) in ARPA funds to the District for utility account credits for Jurupa Valley residents within the District’s service area.

During the COVID-19 Pandemic many customers of the District and other people in the City of Jurupa Valley were unable to pay all or portions of their water, sewer or trash bills or were otherwise adversely affected economically through loss of jobs, inability to work, need to care for ill family members, their own illness resulting from the COVID-19 Pandemic.

This Agreement will provide a means by which the City and the District can provide some financial assistance to those people in Jurupa Valley adversely affected by the COVID-19 Pandemic and customers of the District.

This Agreement shall likely become effective on February 15, 2024 (the “Effective Date”) and if approved shall terminate on December 31, 2026, subject to early termination under section 7 (“Term of Agreement”).

Based upon the agreement, the City stipulates the District to apply the funds equally across all single-family residences.

Currently the District serves a total of 5,969 single residential customers within its service area. To ensure equitable distribution of the grant funds, it has been decided that each eligible customer will receive a utility account credit of \$35.00. This amount has been determined based on the available grant funds and the number of eligible customers served by the District.

The City decided that multi-unit properties will need to go through the City to receive assistance. This decision ensures that properties with multiple units are appropriately accounted for and that the grant funds are distributed efficiently and effectively. The City allocated funds for this purpose separately from this subrecipient agreement and outside the scope of the District's eligibility for use of the grant funds in the subrecipient agreement.

Director Murphy moved, and Director Trowbridge seconded to approve the following:

1. Sign the American Rescue Plan Act Utility Bill Assistance Grant Agreement with the City of Jurupa Valley.
2. Allocate the funds once received in accordance with the Agreement.

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

D. DM 2024-13: Consider California Special District Association Board of Directors Election Call for Nomination, Seat A – Southern Network For Term 2025-2027

BACKGROUND:

Rubidoux Community Services District (“District”) is a member of the California Special Districts Association (“CSDA”). CSDA is a not-for-profit association that was formed in 1969 to promote good governance and improve core local services through professional development, advocacy, and other services for all types of independent special districts.

It has a membership of over 1,000 organizations throughout California representing all types of independent special districts including irrigation, water, park and recreation, cemetery, fire, police protection, library, utility, harbor, healthcare, and community services districts. CSDA provides education and training, insurance programs, legal advice, industry-wide litigation and public relations support, legislative advocacy, capital improvement and equipment funding, collateral design services, and, most importantly, current information that is crucial to a special district's management and operational effectiveness.

District staff received correspondence from CSDA indicating CSDA's call for nominations for CSDA Board of Directors Seat A.

CSDA governance involves a Board of Directors comprised of six networks with three seats for each network. The networks are geographic areas within the state of California. The District is in the Southern Network. The three representative Board of Director members for each network are on staggered three-year terms. Seat A for the Southern Network has an expiring term, thus the call by CSDA for nominations to fill this position. The seat is currently filled by Jo MacKenzie – Director of Vista Irrigation District. Included in the correspondence received from CSDA was her intention of running for re-election for Seat A, Southern Section. The other two Southern Network Directors not currently up for re-election are Don Bartz – GM of Phelan Pinon Hills CSD, and Arlene Schafer – Board Vice-President of Costa Mesa Sanitary District.

If any of the District’s Board Members are interested in submitting to CSDA for the election to fill the upcoming three-year term for Seat A, Southern Network, it is suggested the following schedule and actions be followed:

➤ February 15, 2024 (tonight):

- A. Deliberate and determine which Director or Directors, if any, are interested in being considered for the CSDA Seat A – Southern Network Board of Directors seat.
- B. If multiple Directors are interested, select a preferred candidate.
- C. Direct staff to prepare Resolution for nomination of preferred candidate.

➤ March 7, 2024:

- A. Consider and adopt resolution for preferred candidate.
- B. Allow preferred candidate to complete candidate information sheet.
- C. Direct staff to submit resolution and candidate information sheet to appropriate CSDA staff.

When considering your interest, please note the commitment and expectations of a CSDA Board of Director:

- Attend all Board meetings, usually 4-5 meetings annually, at the CSDA office in Sacramento.
- Participation in at least one committee, meets 3-5 times a year at the CSDA office in Sacramento.
- Attend, at minimum, the following CSDA annual events: Special District Legislative Days – held in the spring, and the CSDA annual conference – held in the fall.
- Complete all four modules of CSDA’s Special District Leadership Academy within 2 years of being elected.

CSDA’s deadline is April 10, 2024, for receipt of candidate nominations. Voting will begin June 10, 2024, and end July 26, 2024. The successful candidate will be notified no later than July 30, 2024, with all new CSDA Board Members introduced at the Annual CSDA Conference in Indian Wells, CA in September 2024.

The attached correspondence from the CSDA dated February 5, 2024, goes into more details regarding the process. It is recommended the Board review this in preparation of consideration of nominating a Director on February 15, 2024.

The Board deliberated and selected Director Skerbelis as the nominated candidate.

Director Skerbelis moved, and Director Trueba seconded to approve the following:

1. Nominate John Skerbelis for the CSDA Seat A – Southern Network position.
2. Direct staff to prepare a resolution with John Skerbelis as the nominee and agendize for consideration on March 7, 2024, at the regularly scheduled Board of Directors meeting.

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

ITEM 9. DIRECTOR'S COMMENTS AND REQUESTS

Director Murphy provided an update on Mary Madrigal, RCSD customer, having issues with the street flooding occurring on 25th Street and Van Dell Road. She had previously reported the issue to the City of Jurupa Valley, but the City was unable to assist her and resolve the problem. Currently, Director Murphy is assisting her with the issue. He emailed Council member Leslie Altamirano on Wednesday, February 14th asking for assistance with the issue. Director Murphy will also be attending the Council meeting scheduled after the Board meeting at 7:00 PM to discuss the problem Mary Madrigal is having. He will keep the Board updated as he works through the issue. Director Trowbridge commented on the Riverside Charles Dickens Festival. The event will be held for the first time in a new venue located at the Jensen Alvarado Historic Ranch and Museum at 4307 Briggs Street Jurupa Valley, CA. 92509. It takes place February 24-25th. Director Trueba and Director Skerbelis had no comment and/or request.

ITEM 10. NEXT MEETING

Thursday, March 7, 2024, at 4:00 P.M.

ITEM 11. ADJOURNMENT

President Skerbelis adjourned the meeting at 4:48 P.M.

Director Skerbelis moved, and Director Murphy seconded to approve the minutes for the Board Meeting on February 15, 2024.

Roll call:

Ayes – 4

Noes – 0

Abstain – 0

Absent – 1

The motion was carried 4-0-0-1.

CONSENT CALENDAR ITEM 5E. DM 2024-16: Consider Adopting Resolution No. 2024-911, A Resolution Concurring in the Nomination of John Skerbelis to the CSDA Board of Directors to be moved/added to “ACTION/DISCUSSION ITEMS” as Item 8G.

BACKGROUND:

The California Special District Association (“CSDA”) is receiving nominations for candidates to fill a Board of Director position, specifically Seat A for the Southern Network. This position is becoming available due to the current incumbent’s term expiring. The incumbent is Jo MacKenzie, Director of Vista Irrigation District, who is running for re-election. CSDA is accepting nominations until April 10, 2024.

At the February 15, 2024, Rubidoux Community Services District (“District”) Board of Directors (“Board”) Meeting, staff suggested the Board consider the following actions:

- Deliberate and determine which Director or Directors, if any, are interested in being considered for the CSDA Seat A – Southern Network Board of Directors seat.
- If multiple Directors are interested, select a preferred candidate.
- Direct staff to prepare a Resolution for nomination of preferred candidate.

At the conclusion of the staff report, the Directors deliberated and selected their preferred candidate, President John Skerbelis, to be nominated by the District for the CSDA Seat A Southern Network Board of Director position.

The next step is for the Board to consider adopting Resolution No. 2024-911, A Resolution Concurring in the Nomination of John Skerbelis to the CSDA Board of Directors for Seat A of the Southern Network (Attachment 1). If adopted, Resolution No. 2024-911 must accompany the 2024 Board of Directors Nomination Form (Attachment 2) along with the 2024 CSDA Board Candidate Information Sheet (Attachment 3) and must be submitted to the CSDA on or before April 10, 2024. Voting will begin June 10, 2024, and end July 26, 2024. The successful candidate will be notified no later than July 30, 2024, with all new CSDA Board Members introduced at the Annual CSDA Conference in Indian Wells, CA in September 2024.

Director Skerbelis requested to pull the nomination; no other Director was interested in the nomination. The Board did not make a motion on the matter.

8H CLOSED SESSION

CLOSED SESSION at 5:13pm: Pursuant to Government Code Section 54956.9: Legal Counsel Status on Litigation Case No. CIVDS 1310520, City of Riverside vs. Rubidoux Community Services District.

RESUME FROM CLOSED SESSION: 5:14 PM. No comments to report back on.

ITEM 9. DIRECTOR'S COMMENTS AND REQUESTS

Director Murphy provided an update on Mary Madrigal, RCSD customer, having issues with the street flooding occurring on 25th Street and Van Dell Road. She had previously reported the issue to the City of Jurupa Valley, but the City was unable to assist her and resolve the problem. Currently, Director Murphy is assisting her with the issue. He emailed Council member Leslie Altamirano on Wednesday, February 14th asking for assistance with the issue. He has not received a response from Council member Leslie Altamirano. He will be following up with her. Director Skerbelis commented on the homeless individuals surrounding the building at 5473 Mission Blvd. JV. Director Trueba and Director Trowbridge had no comments.

ITEM 10. NEXT MEETING

Thursday, March 21, 2024, at 4:00 P.M.

ITEM 11. ADJOURNMENT

President Skerbelis adjourned the meeting at 5:19 P.M.

5. CONSENT CALENDAR (continued)

B. Consideration to Approve March 22, 2024, Salaries, Expenses and Transfers

RUBIDOUX COMMUNITY SERVICES DISTRICT
MARCH 21, 2024 (BOARD MEETING)
FUND TRANSFER AUTHORIZATION

NET PAYROLL 3/29/24	84,600.00
WIRE TRANSFER: FEDERAL PAYROLL TAXES 4/2/24	30,000.00
WIRE TRANSFER: STATE PAYROLL TAXES 4/2/24	6,300.00
WIRE TRANSFER: TO CREDIT UNION	5,400.00
WIRE TRANSFER: PERS RETIREMENT	23,000.00
WIRE TRANSFER: SECTION 125	299.99
WIRE TRANSFER: SECTION 457 AND 401(A)	2,100.00

CHECKING ACCOUNT TRANSFERS FOR ACCOUNTS PAYABLE:

3/22/2024 WATER FUND TO GENERAL FUND-Payables	335,575.48
WATER FUND TO GENERAL FUND-Trash	231,671.01
WATER FUND TO SEWER FUND	134,201.53
SEWER FUND TO GENERAL FUND-Payables	166,062.90
SALARIES/BENEFITS REIMB WTR FUND TO GENERAL FUND FY23/24 Q2	715,283.66
SALARIES/BENEFITS REIMB SWR FUND TO GENERAL FUND FY23/24 Q2	18,443.66

INTERFUND TRANSFERS:

3/22/2024 SEWER FUND CHECKING TO LAIF SEWER OP	200.00
SEWER FUND CHECKING TO LAIF SEWER ML	46,800.00
LAIF SEWER OP TO SEWER FUND CHECKING	48,000.00
GENERAL FUND CHECKING TO LAIF PROP TAX	610,665.00
GENERAL FUND CHECKING TO LAIF FIRE MITIGATION	7,335.00
GENERAL FUND CHECKING TO SEWER FUND CHECKING	46,800.00
GENERAL FUND CHECKING TO WATER FUND CHECKING	65,700.00
WATER FUND CHECKING TO LAIF WATER OP	800.00
WATER FUND CHECKING TO LAIF WATER ML	61,200.00
LAIF WATER OP TO WATER FUND CHECKING	495,000.00

NOTES PAYABLE

<u>DESCRIPTION</u>	<u>BALANCE</u>	<u>PAYMENT</u>	<u>DUE DATE</u>
U.S. Bank Trust (1998 COP's Refunding)	690,000 Prin.	690,000	Dec-24
U.S. Bank Trust (1998 COP's Refunding)	35,190 Intr.	17,595	Jun-24
MN Plant-State Revolving Loan	3,193,541 Prin.	141,050	Jul-24
MN Plant-State Revolving Loan	448,418 Intr.	41,048	Jul-24
2022 Obligations	3,261,158 Prin.	320,355	Jul-24
2022 Obligations	467,492 Intr.	49,733	Jul-24

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Rubidoux Community Services District (RCSACT)
 Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 1

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Immediate GL Account	Immediate GL Account		Check #		Payment Date	Discount
GL Date					Credit Card	CC Reference #		Total Invoice
1	AIRGAS / AIRGAS USA, LLC							5506459738
TNK RNTL		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$108.92
2	ATILANO ROSAS OLMEDA / ATILANO ROSAS OLMED/							20240227
FIRE DEPT.ROOF REPR		02/27/2024	N	N			03/28/2024 02/27/2024	\$0.00
03/21/2024					N			\$3,500.00
3	AT&T / AT&T							000021373656
PHN CHRGS		03/07/2024	N	N			04/06/2024 03/07/2024	\$0.00
03/21/2024					N			\$520.77
4	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41423-0267
WTR ANALYSES		02/22/2024	N	N			03/23/2024 02/22/2024	\$0.00
03/21/2024					N			\$90.00
5	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41477-0267
WTR ANALYSES		02/23/2024	N	N			03/24/2024 02/23/2024	\$0.00
03/21/2024					N			\$215.64
6	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41478-0267
WTR ANALYSES		02/23/2024	N	N			03/24/2024 02/23/2024	\$0.00
03/21/2024					N			\$144.00
7	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41570-0267
WTR ANALYSES		02/26/2024	N	N			03/27/2024 02/26/2024	\$0.00
03/21/2024					N			\$200.00
8	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41569-0267
WTR ANALYSES		02/26/2024	N	N			03/27/2024 02/26/2024	\$0.00
03/21/2024					N			\$40.00
9	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41593-0267
WTR ANALYSES		02/26/2024	N	N			03/27/2024 02/26/2024	\$0.00
03/21/2024					N			\$120.00
10	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41592-0267
WTR ANALYSES		02/26/2024	N	N			03/27/2024 02/26/2024	\$0.00
03/21/2024					N			\$20.00
11	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41786-0267
WTR ANALYSES		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$62.00
12	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41800-0267
WTR ANALYSES		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$76.00
13	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41801-0267
WTR ANALYSES		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$90.00
14	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41868-0267
WTR ANALYSES		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$168.00
15	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41904-0267
WTR ANALYSES		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$40.00
16	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41905-0267
WTR ANALYSES		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$200.00

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Rubidoux Community Services District (RCSACT)
 Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 2

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Inv Date	Immediate GL Account	Check #		Due Date	Discount Date	Discount
GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
17	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB41936-0267
WTR ANALYSES		02/29/2024	N	N		03/30/2024	02/29/2024	\$0.00
03/21/2024				N				\$42.00
18	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB42031-0267
WTR ANALYSES		02/29/2024	N	N		03/30/2024	02/29/2024	\$0.00
03/21/2024				N				\$550.00
19	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CB42032-0267
WTR ANALYSES		02/29/2024	N	N		03/30/2024	02/29/2024	\$0.00
03/21/2024				N				\$550.00
20	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40012-0267
WTR ANALYSES		03/01/2024	N	N		03/31/2024	03/01/2024	\$0.00
03/21/2024				N				\$500.16
21	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40032-0267
WTR ANALYSES		03/01/2024	N	N		03/31/2024	03/01/2024	\$0.00
03/21/2024				N				\$120.00
22	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40080-0267
WTR ANALYSES		03/01/2024	N	N		03/31/2024	03/01/2024	\$0.00
03/21/2024				N				\$63.00
23	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40122-0267
WTR ANALYSES		03/04/2024	N	N		04/03/2024	03/04/2024	\$0.00
03/21/2024				N				\$120.00
24	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40123-0267
WTR ANALYSES		03/04/2024	N	N		04/03/2024	03/04/2024	\$0.00
03/21/2024				N				\$20.00
25	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40127-0267
WTR ANALYSES		03/04/2024	N	N		04/03/2024	03/04/2024	\$0.00
03/21/2024				N				\$48.00
26	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40283-0267
WTR ANALYSES		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$84.00
27	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40286-0267
WTR ANALYSES		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$84.00
28	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40287-0267
WTR ANALYSES		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$90.00
29	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40291-0267
WTR ANALYSES		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$42.00
30	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40294-0267
WTR ANALYSES		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$48.00
31	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40337-0267
WTR ANALYSES		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$2,200.00
32	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40339-0267
WTR ANALYSES		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$1,650.00

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Rubidoux Community Services District (RCSACT)
 Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 3

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Inv Date	Immediate GL Account	Check #		Due Date	Discount Date	Discount
GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
33	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40387-0267
WTR ANALYSES		03/07/2024	N	N		04/06/2024	03/07/2024	\$0.00
03/21/2024				N				\$200.00
34	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40431-0267
WTR ANALYSES		03/07/2024	N	N		04/06/2024	03/07/2024	\$0.00
03/21/2024				N				\$561.08
35	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40433-0267
WTR ANALYSES		03/07/2024	N	N		04/06/2024	03/07/2024	\$0.00
03/21/2024				N				\$90.00
36	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40441-0267
LAB FEES		03/07/2024	N	N		04/06/2024	03/07/2024	\$0.00
03/21/2024				N				\$773.01
37	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40342-0267
LAB FEES		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$787.01
38	BUSINESS / BUSINESS TELECOMMUNICATION SYSTI							21049
TELEPHONE		03/05/2024	N	N		04/04/2024	03/05/2024	\$0.00
03/21/2024				N				\$686.32
39	BRINKS / BRINKS INC.							12551159
MAR.24"ARMRD		03/01/2024	N	N		03/31/2024	03/01/2024	\$0.00
03/21/2024				N				\$1,478.89
40	CALIFORNIA UNDERGROUND / CALIF UNDERGROUN							23-2424776
DIG SAFE		03/01/2024	N	N		03/31/2024	03/01/2024	\$0.00
03/21/2024				N				\$35.38
41	CLA-VAL / CLA-VAL							887663
R&M REPAIR		02/22/2024	N	N		03/23/2024	02/22/2024	\$0.00
03/21/2024				N				\$2,683.00
42	CARQUEST AUTO PARTS / CARQUEST AUTO PARTS							7456-539726
PARTS		02/28/2024	N	N		03/29/2024	02/28/2024	\$0.00
03/21/2024				N				\$8.31
43	DAVID MCDOUGALL / DAVID MCDOUGALL							10469660-02
RFND OVRPYMT		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$209.12
44	C WELLS / C. WELLS PIPELINE MATLS, INC							SIN24-1251
PARTS		02/28/2024	N	N		03/29/2024	02/28/2024	\$0.00
03/21/2024				N				\$1,152.75
45	C WELLS / C. WELLS PIPELINE MATLS, INC							SINV24-1469
PARTS		02/28/2024	N	N		03/29/2024	02/28/2024	\$0.00
03/21/2024				N				\$1,774.80
46	ELROD / ELROD FENCE CO. INC							19641
5473 MISS.REPAIRS		03/01/2024	N	N		03/31/2024	03/01/2024	\$0.00
03/21/2024				N				\$518.00
47	EVOQUA / EVOQUA WATER TECH LLC ✓							906335215
OP-TREATMENT MEDIA		02/23/2024	N	N		03/24/2024	02/23/2024	\$0.00
03/21/2024				N				\$193,382.49
48	FMB / FMB TRUCK OUTFITTERS, INC.							71953
MICRO FILTER		02/29/2024	N	N		03/30/2024	02/29/2024	\$0.00
03/21/2024				N				\$147.83

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Rubidoux Community Services District (RCSACT)
 Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 4

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Inv Date	Immediate GL Account		Check #		Payment Date	Discount
GL Date					Credit Card	CC Reference #		Total Invoice
49	GRAINGER / GRAINGER							9037512887
PARTS		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$73.51
50	GRAINGER / GRAINGER							9037512895
PARTS		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$60.22
51	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI							012M9683
PVC		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$1,677.52
52	HOME DEPOT / HOME DEPOT CREDIT SERVICES							006382-1040109
SUPPLIES		03/06/2024	N	N			04/05/2024 03/06/2024	\$0.00
03/21/2024					N			\$190.48
53	INFOSEND / INFOSEND, INC							257987.A
FEB.24"BILL PRINT		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$863.22
54	INFOSEND / INFOSEND, INC							257987.B
FEB.24" POSTAGE		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$2,969.79
55	KH METALS / KH METALS & SUPPLY							0662622-IN
PARTS		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$40.18
56	KVL TIRES / KVL TIRES							24-0059899-124
R&M TRUCK		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$616.37
57	LILLESTRAND / LILLESTRAND LEADERSHIP CONSUL							7964
CNSLT BECKWITH		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$500.00
58	LOUIES / LOUIE'S BRAKES & ALIGNMENT							1238
VEH.ALIGNMENT		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$125.00
59	MALIER CONTRACTORS, INC / MALIER CONTRACTOR							4796
CONCR.REPAIRS		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$2,800.00
60	MASTER'S / MASTER'S SERVICES (GLACIER)							000000960072
BTL WTR		02/28/2024	N	N			03/29/2024 02/28/2024	\$0.00
03/21/2024					N			\$81.50
61	MERIT OIL / MERIT OIL COMPANY							828640
GASOLINE		02/21/2024	N	N			03/07/2024 02/21/2024	\$0.00
03/21/2024					N			\$539.67
62	MERIT OIL / MERIT OIL COMPANY							829863
GASOLINE		02/28/2024	N	N			03/14/2024 02/28/2024	\$0.00
03/21/2024					N			\$1,489.76
63	MERIT OIL / MERIT OIL COMPANY							830260
DIESEL		02/29/2024	N	N			03/15/2024 02/29/2024	\$0.00
03/21/2024					N			\$245.11
64	MV ENGINEERING SERVICES, INC / MV ENGINEERIN							2024-39
DEV.SERVICE		03/06/2024	N	N			04/05/2024 03/06/2024	\$0.00
03/21/2024					N			\$632.00

BL

AP Enter Bills Edit Report
Rubidoux Community Services District (RCSACT)
 Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 5

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Inv Date	Immediate GL Account	Check #		Due Date	Discount Date	Discount
GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
65	MV ENGINEERING SERVICES, INC / MV ENGINEERING							2024-40
ADM.ASSISTANCE		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$4,232.00
66	MV ENGINEERING SERVICES, INC / MV ENGINEERING							2024-41
WTR CNSLT		03/06/2024	N	N		04/05/2024	03/06/2024	\$0.00
03/21/2024				N				\$1,050.00
67	PUMP CHECK / PUMP CHECK							428
WELL 1,2,4,6,8,18		12/21/2023	N	N		01/20/2023	12/21/2023	\$0.00
03/21/2024				N				\$9,220.00
68	PUMP CHECK / PUMP CHECK							506
MTR TSTNG THMPSON		03/01/2024	N	N		03/31/2024	03/01/2024	\$0.00
03/21/2024				N				\$499.26
69	PUMP CHECK / PUMP CHECK							520
MTR REPAIR		03/07/2024	N	N		04/06/2024	03/07/2024	\$0.00
03/21/2024				N				\$300.00
70	SHRED-IT / SHRED-IT USA							DB0226
SHREDDING		02/26/2024	N	N		03/27/2024	02/26/2024	\$0.00
03/21/2024				N				\$76.47
71	SCE / SCE							24F700456862263.A
WTR PMP ENRGY		02/27/2024	N	N		03/18/2024	02/27/2024	\$0.00
03/21/2024				N				\$50,624.76
72	SCE / SCE							24F700456862263.B
NO.03 PLT PMP ENRGY		02/27/2024	N	N		03/18/2024	02/27/2024	\$0.00
03/21/2024				N				\$13,311.42
73	SCE / SCE							24M700244764992
STRT LIGHTS		03/01/2024	N	N		03/21/2024	03/01/2024	\$0.00
03/21/2024				N				\$148.19
74	SCE / SCE							24M6000000522796
STRT LIGHTS		03/04/2024	N	N		03/25/2024	03/04/2024	\$0.00
03/21/2024				N				\$15,082.52
75	SCE / SCE							24M700040982544
MAIN OFC UTLTY		03/06/2024	N	N		03/26/2024	03/06/2024	\$0.00
03/21/2024				N				\$1,235.65
76	SCE / SCE							24M700617778997
FIRE STN UTLTY		03/06/2024	N	N		03/26/2024	03/06/2024	\$0.00
03/21/2024				N				\$1,548.96
77	SCG / THE GAS COMPANY							24M05925730565
FIRE STN UTLTY		03/05/2024	N	N		03/25/2024	03/05/2024	\$0.00
03/21/2024				N				\$285.73
78	SCG / THE GAS COMPANY							24M17882256005
MAIN OFC UTILITY		03/05/2024	N	N		03/25/2024	03/05/2024	\$0.00
03/21/2024				N				\$193.00
79	SCG / THE GAS COMPANY							24M01302181001
FLD OFC UTILITY		03/05/2024	N	N		03/25/2024	03/05/2024	\$0.00
03/21/2024				N				\$14.79
80	SCG / THE GAS COMPANY							24M12013321489
5473 OFC UTLTY		03/05/2024	N	N		03/25/2024	03/05/2024	\$0.00
03/21/2024				N				\$14.79

BL

AP Enter Bills Edit Report
Rubidoux Community Services District (RCSACT)
 Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 6

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Inv Date	Immediate GL Account		Check #		Payment Date	Discount
GL Date		Inv Date	Immediate GL Account		Credit Card	CC Reference #		Total Invoice
81	SOCAL TRUCK / SOCAL TRUCKWORKS							13759
R&M TRUCK		03/04/2024	N	N			04/03/2024 03/04/2024	\$0.00
03/21/2024					N			\$113.37
82	STREAMLINE_DIGITAL / STREAMLINE							B89E97D4-0040
MAY-APR.24"WEBSITE		03/01/2024	N	N			03/31/2024 03/01/2024	\$0.00
03/21/2024					N			\$497.00
83	RIVERSIDE CITY / RIVERSIDE CITY ✓							00275255.A
JAN.24"SURCHARGE		02/23/2024	N	N			03/23/2024 02/23/2024	\$0.00
03/21/2024					N			\$15,890.77
84	RIVERSIDE CITY / RIVERSIDE CITY ✓							00275255.B
JAN.24"TRTMNT		02/23/2024	N	N			03/23/2024 02/23/2024	\$0.00
03/21/2024					N			\$128,332.60
85	UNDERGROUND SERVICE ALERT / UNDERGROUND :							220240570
DIG SAFE		03/01/2024	N	N			04/15/2024 03/01/2024	\$0.00
03/21/2024					N			\$99.25
86	VERIZON WIRELESS / VERIZON WIRELESS							9958005262
CEL PHN CHRGS		03/01/2024	N	N			03/31/2024 03/01/2024	\$0.00
03/21/2024					N			\$1,453.50
87	WESTERN MUNICIPAL WATER / WESTERN MUNICIPA							R15050
MAR.24" BRINE FIXED		03/01/2024	N	N			03/31/2024 03/01/2024	\$0.00
03/21/2024					N			\$749.94
88	WESTERN MUNICIPAL WATER / WESTERN MUNICIPA							IN15419
JAN.24"BRINE		03/05/2024	N	N			04/04/2024 03/05/2024	\$0.00
03/21/2024					N			\$157.57
89	720 CARPET CLEANING / 720 CARPET CLEANING							5032
MAR.24"CLNG SCV		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$1,150.00
90	ACTION PLUMBING SUPPLY, LLC / Action Plumbing Su							0115579
CONCRETE		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$395.41
91	AMERICAN RENTALS / AMERICAN RENTALS							551892
EXCAVATOR RNTL		03/07/2024	N	N			04/07/2024 03/07/2024	\$0.00
03/21/2024					N			\$755.49
92	ARC / ARC DOCUMENT SOLUTIONS, LLC							12397159
WLL BILLING FEE		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$50.00
93	AKELA / AKELA PEST CONTROL INC							169732
PEST CONTROL		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$174.00
94	BURRTEC / BURRTEC WASTE INDUSTRIES, INC.							N0820536759
SWR WSTE /HAUL		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$2,457.16
95	CORODATA SHREDDING, INC / CORODATA SHREDDII							DN1461297
SHREDDING		02/29/2024	N	N			04/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$36.75
96	DURNEY DON / DURNEY, DON							20240310
GRDNG /WD ABATE		03/10/2024	N	N			04/09/2024 03/10/2024	\$0.00
03/21/2024					N			\$2,565.00

BL

AP Enter Bills Edit Report
Rubidoux Community Services District (RCSACT)
 Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 7

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Inv Date			Check #			Discount
GL Date	Immediate GL Account				Credit Card	CC Reference #	Payment Date	Total Invoice
97	GEOTAB / GEOTAB USA, INC							IN374498
FEB.24"TRK TCKER		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$415.00
98	GRAINGER / GRAINGER							9043127480
PARTS		03/06/2024	N	N			04/05/2024 03/06/2024	\$0.00
03/21/2024					N			\$120.52
99	HARPER & ASSOC / HARPER & ASSOCIATES ENG, IN							ENG-8442
HUNTER TNK ASSESS		03/07/2024	N	N			04/06/2024 03/07/2024	\$0.00
03/21/2024					N			\$10,005.00
100	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI							012M9789
CREDIT		03/06/2024	N	N			04/05/2024 03/06/2024	\$0.00
03/21/2024					N			(\$1,642.33)
101	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI							012M9788
BOLT PACK GSKT		03/06/2024	N	N			04/05/2024 03/06/2024	\$0.00
03/21/2024					N			\$3,655.86
102	HARRINGTON INDUSTRIAL / HARRINGTON INDUSTRI							012M9811
PVC		03/07/2024	N	N			04/06/2024 03/07/2024	\$0.00
03/21/2024					N			\$112.87
103	HARPER BURNS LLP / HARPER & BURNS LLP							20230301.A
FEB.24" LGL SVC		03/01/2024	N	N			03/31/2024 03/01/2024	\$0.00
03/21/2024					N			\$1,600.00
104	HARPER BURNS LLP / HARPER & BURNS LLP							20240301
CITY RVD APPEAL		03/01/2024	N	N			03/31/2024 03/01/2024	\$0.00
03/21/2024					N			\$350.00
105	HOME DEPOT / HOME DEPOT CREDIT SERVICES							008781/9531526
SUPPLIES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$96.95
106	IE ALARM SYSTEMS / IE ALARM SYSTEMS							238382
MONITORING SVC		03/01/2024	N	N			03/31/2024 03/01/2024	\$0.00
03/21/2024					N			\$123.09
107	KH METALS / KH METALS & SUPPLY							0663540-IN
SUPPLIES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$415.20
108	KRIEGER & STEWART / KRIEGER & STEWART, INC.							49255
AVLN/WTR SWR 36649		01/26/2024	N	N			02/25/2024 01/26/2024	\$0.00
03/21/2024					N			\$675.07
109	KVL TIRES / KVL TIRES							24-0060284-124
R&M TRUCK		03/06/2024	N	N			04/05/2024 03/06/2024	\$0.00
03/21/2024					N			\$302.48
110	RING BENDER / RING BENDER LLP							12039
CITY RVSD APPEAL		03/06/2024	N	N			04/05/2024 03/06/2024	\$0.00
03/21/2024					N			\$10,170.95
111	SITEONE / SITEONE LANDSCAPE SUPPLY, LLC							138610266-001
TOOLS		02/29/2024	N	N			03/30/2024 02/29/2024	\$0.00
03/21/2024					N			\$163.94
112	SPECTRUM / SPECTRUM BUSINESS							0025456030624
MAR.24"INT SVC		03/06/2024	N	N			04/05/2024 03/06/2024	\$0.00
03/21/2024					N			\$360.94

Be

AP Enter Bills Edit Report
Rubidoux Community Services District (RCSACT)
 Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 8

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Inv Date	Immediate GL Account		Check #		Payment Date	Discount
GL Date		Inv Date	Immediate GL Account		Credit Card	CC Reference #		Total Invoice
113	UPS / UNITED PARCEL SERVICE							0000F908W2074
POSTAGE		02/17/2024	N	N			03/18/2024 02/17/2024	\$0.00
03/21/2024					N			\$1.77
114	UPS / UNITED PARCEL SERVICE							0000F908W2084
POSTAGE		02/24/2024	N	N			03/25/2024 02/24/2024	\$0.00
03/21/2024					N			\$30.23
115	YO FIRE / YO FIRE							2028171
SUPPLIES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$4,369.26
116	ACORN / ACORN TECHNOLOGY SERVICE							11150
MAR.24"IT SUPT		03/01/2024	N	N			03/31/2024 03/01/2024	\$0.00
03/21/2024					N			\$5,323.50
117	AT&T / AT&T							24MAR332513166
MAR.24 INT SVC		03/06/2024	N	N			03/28/2024 03/06/2024	\$0.00
03/21/2024					N			\$355.05
118	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40478-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$120.00
119	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40479-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$40.00
120	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40480-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$20.00
121	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40485-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$80.00
122	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40486-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$60.00
123	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40487-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$80.00
124	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40488-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$40.00
125	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40490-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$80.00
126	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40521-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$62.00
127	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40522-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$52.50
128	BABCOCK E S SONS INC / BABCOCK, E S & SONS, IN							CC40523-0267
WTR ANALYSES		03/08/2024	N	N			04/07/2024 03/08/2024	\$0.00
03/21/2024					N			\$84.00

BL

AP Enter Bills Edit Report
Rubidoux Community Services District (RCSACT)
Batch: AAAAXC

3/19/2024 9:58:04 AM

Page 9

Tr. #	Vendor	Inv Date	Paid Out	Immediate	Credit Card Vendor	Due Date	Discount Date	Invoice #
PO Number		Inv Date	Immediate GL Account	Check #		Due Date	Discount Date	Discount
GL Date		Immediate GL Account		Credit Card	CC Reference #		Payment Date	Total Invoice
129	BESST,INC / BESST,INC							EFF020125
WELL SPIMER LOGGING		02/01/2024	N	N		03/02/2024	02/01/2024	\$0.00
03/21/2024					N			\$3,902.50
130	BESST,INC / BESST,INC							RCSD021224
WELL8		02/12/2024	N	N		03/13/2024	02/12/2024	\$0.00
03/21/2024					N			\$20,955.00
131	HARRIS COMPUTER SYSTEMS / HARRIS COMPUTER							NSECT0000219
CLOUD MIG 5%		02/27/2024	N	N		03/28/2024	02/27/2024	\$0.00
03/21/2024					N			\$3,424.20
132	PIPE TEC, INC. / PIPE TEC, INC							11895
LINE CLEANING		02/27/2024	N	N		03/28/2024	02/27/2024	\$0.00
03/21/2024					N			\$3,212.50
133	PIPE TEC, INC. / PIPE TEC, INC							11896
LINE CLEANING		02/28/2024	N	N		03/29/2024	02/28/2024	\$0.00
03/21/2024					N			\$3,050.00
134	PLANETBIDS,LLC / PLANETBIDS,LLC							1023354
ELEC.BIDDING		03/01/2024	N	N		03/31/2024	03/01/2024	\$0.00
03/21/2024					N			\$4,975.00
135	SOCAL TRUCK / SOCAL TRUCKWORKS							13775
R&M TRUCK		03/08/2024	N	N		03/07/2024	03/08/2024	\$0.00
03/21/2024					N			\$84.83
136	SOCAL TRUCK / SOCAL TRUCKWORKS							13777
R&M TRUCK		03/08/2024	N	N		04/07/2024	03/08/2024	\$0.00
03/21/2024					N			\$898.87
137	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							0227-031324.A
COMM TRSH		03/14/2024	N	N		04/13/2024	03/14/2024	\$0.00
03/21/2024					N			\$61,316.64
138	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							0227-031324.B
RES TRSH		03/14/2024	N	N		04/13/2024	03/14/2024	\$0.00
03/21/2024					N			\$170,354.37
139	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							0227-031324.C
RCSD SHR COMM		03/14/2024	N	N		04/13/2024	03/14/2024	\$0.00
03/21/2024					N			(\$8,584.33)
140	TRI-CO DISPOSAL INC / TRI-CO DISPOSAL, INC							0227-031324.D
RCSD SHR RES		03/14/2024	N	N		04/13/2024	03/14/2024	\$0.00
03/21/2024					N			(\$5,145.33)
141	VARNER / VARNER & BRANDT LLP							20240229
FEB.24"LGL CNSLT		02/29/2024	N	N		03/30/2024	02/29/2024	\$0.00
03/21/2024					N			\$509.76
142	WESTERN MUNICIPAL WATER / WESTERN MUNICIPA							IN15458
BRINE ANNUAL		03/08/2024	N	N		04/07/2024	03/08/2024	\$0.00
03/21/2024					N			\$5,440.00
Grand Totals								
Total Direct Expense:								\$799,404.01
Total Direct Expense Adj:								(\$15,371.99)
Total Non-Electronic Transactions:								\$784,032.02

Be
3/19/24

KH

5. **CONSENT CALENDAR** (continued)

C. **DM 2024-23: Receive and File Statement of Cash Asset Schedule Report Ending January 2024**

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice-President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge



General Manager

Brian R. Laddusaw

Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2024-23

March 21, 2024

To: Rubidoux Community Services District
 Board of Directors

Subject: Receive and File Statement of Cash Asset Schedule Report Ending January 2024

BACKGROUND:

Attached for the Board of Directors' consideration is the January 2024 Statement of Cash Assets Schedule Report for all District Fund Accounts. Year to date ("YTD") interest is \$878,524.55 for District controlled accounts. With respect to District "Funds in Trust," \$14,057.33 has been earned and posted. The District has a combined YTD interest earned total of \$892,581.88 as of January 31, 2024.

The District's Operating Funds (Excluding Restricted Funds and Operating Reserves) show a balance of \$14,584,683.55 ending January 31, 2024. This is **\$424,950.80 MORE** than July 1, 2023, beginning balance of \$14,159,732.75.

Further, the District's Field/Admin Fund current fund balance is \$777.194.68.

Submitted for the Board of Directors consideration is the *January 2024 Statement of Cash Assets Schedule Report* for review and acceptance.

RECOMMENDATION:

Staff recommends the Board of Directors “**Receive and File**” the January 2024 Statement of Cash Assets Schedule Report.

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attachment(s): January 2024, Cash Assets Schedule Report

RUBIDOUX COMMUNITY SERVICES DISTRICT

INVESTMENT SUMMARY - JANUARY 31, 2024
CASH BASIS

	Beg. Balance 7/1/2023	YTD Int.	Other Activity YTD	Balance 1/31/2024	YTD Avg. Int. Rate
Operating Accounts	\$ 14,159,732.75	\$ 323,185.07	\$ 101,765.73	\$ 14,584,683.55	2.22%
Water Operating Reserve	4,350,030.08	117,914.61	-	4,467,944.69	2.64%
Wastewater Operating Reserve	594,121.20	16,104.62	-	610,225.82	2.64%
Water Replacement Reserve	925,390.63	20,643.86	(456,735.01)	489,299.48	4.22%
Fire Mitigation Reserve	3,509,799.71	91,844.00	6,046.55	3,607,690.26	2.55%
Wastewater Reserve	2,546,413.30	67,878.92	70,190.71	2,684,482.93	2.53%
Wastewater Replacement Res.	555,486.59	15,786.91	47,578.00	618,851.50	2.55%
Water Reserve	2,833,192.90	71,353.44	76,428.54	2,980,974.88	2.39%
COP Restricted	1,677,828.24	46,975.37	(184,057.88)	1,540,745.73	3.05%
Field/Admin Reserve	756,762.79	20,397.25	34.64	777,194.68	2.62%
Grant Restricted Reserve	53,917.61	1,461.53	-	55,379.14	2.64%
Project Admin Building	1,111,853.50	30,138.59	-	1,141,992.09	2.64%
Project Ops Building	2,023,136.18	54,840.38	-	2,077,976.56	2.64%
Funds in Trust	1,109,503.24	14,057.33	(8,116.33)	1,115,444.24	1.26%
Total Investments	\$ 36,207,168.72	\$ 892,581.88	\$ (346,865.05)	\$ 36,752,885.55	2.43%

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU JANUARY 31, 2024
 CASH BASIS

FIRE MITIGATION

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>PURCHASE / REDEEM</u>	<u>INT. RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
1/1/2024	Premier Bank	CD		Beg. Bal.				170,424.60	
	Premier Bank			Interest	707.64	4.88%	-	170,424.60	
	Premier Bank			Redeem	-			170,424.60	
1/31/2024	Premier Bank	CD	4/3/2024	Purchase	-			170,424.60	
1/1/2024	Premier Bank	Checking Fire Mitigation		Beg. Bal.				8,835.50	
	Premier Bank			Activity	-	0.00	-	8,835.50	
1/31/2024	Premier Bank			End Bal.	-			8,835.50	
1/1/2024	LAIF	Fire Mitigation		Beg. Bal.				3,371,106.46	
	LAIF			Interest		3.15%	33,268.38	3,404,374.84	
1/31/2024	LAIF			Activity	538.00			3,404,912.84	
1/1/2024	Premier Bank	Safekeeping		Beg. Bal.				22,809.68	
	Premier Bank			Activity	-	-	707.64	23,517.32	
1/31/2024	Premier Bank			End Bal.				23,517.32	\$ 3,607,690.26

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU JANUARY 31, 2024
 CASH BASIS

WASTEWATER CIP FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>PURCHASE / REDEEM</u>	<u>INT. RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
1/1/2024	LAIF	Sewer Mainline		Beg. Bal.				2,587,014.15	
	LAIF			Interest		3.15%	25,530.42	2,612,544.57	
1/31/2024	LAIF			Activity	(477.82)			2,612,066.75	
1/1/2024	CBB	Safekeeping		Beg. Bal				72,416.18	
	CBB			Activity	-	0.05%	-	72,416.18	
1/31/2024	CBB			End Bal.				72,416.18	\$ 2,684,482.93

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU JANUARY 31, 2024
 CASH BASIS

WATER CIP FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>PURCHASE / REDEEM</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
1/1/2024	LAIF	Water Mainline		Beg. Bal.				2,713,071.12	
	LAIF			Interest		3.15%	26,774.44	2,739,845.56	
1/31/2024	LAIF			Activity	(10,632.83)			2,729,212.73	
1/1/2024	Citizens Bus	CD		Beg. Bal.				225,000.00	
	Citizens Bus			Activity	-	0.04%	-	225,000.00	
	Citizens Bus			Redeem	-	n/a		225,000.00	
1/31/2024	Citizens Bus	CD	4/2/2024	Purchase	-			225,000.00	
1/1/2024	Premier Bank	Safekeeping		Beg. Bal.				1,670.97	
	Premier Bank			Activity	-		-	1,670.97	
1/31/2024	Premier Bank			End Bal.				1,670.97	
1/1/2024	CBB	Safekeeping		Beg. Bal.				25,091.18	
	CBB			Activity	-	0.05%	-	25,091.18	
1/31/2024	CBB			End Bal.				25,091.18	\$ 2,980,974.88

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2023 THRU JANUARY 31, 2024
CASH BASIS

OPERATING FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>DEPOSIT/ WITHDRAW</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
1/1/2024	Premier Bank	Checking-Gen.		Beg. Bal.				170,567.03	
	Premier Bank			Deposits	3,920,069.23	0.00	-	4,090,636.26	
1/31/2024	Premier Bank			Disbursements	(3,496,701.92)			593,934.34	
1/1/2024	Premier Bank	Checking Property Tax		Beg. Bal.				8,928.07	
	Premier Bank			Deposits	1,811,636.37	0.00	-	1,820,564.44	
1/31/2024	Premier Bank			Disbursements	(1,141,321.40)			679,243.04	
1/1/2024	Premier Bank	Checking-Sewer		Beg. Bal.				4,212.88	
	Premier Bank			Deposits	284,349.15	0.00	-	288,562.03	
1/31/2024	Premier Bank			Disbursements	(283,842.41)			4,719.62	
1/1/2024	Premier Bank	Checking-Water		Beg. Bal.				880,128.30	
	Premier Bank			Deposits	1,485,460.61	0.00	-	2,365,588.91	
1/31/2024	Premier Bank			Disbursements	(1,353,581.77)			1,012,007.14	
1/1/2024	Bank of America	Paymode		Beg. Bal.				2,211.79	
	Bank of America			Deposits	-	0.00	0.37	2,212.16	
1/31/2024	Bank of America			Disbursements	(963.83)			1,248.33	

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU JANUARY 31, 2024
 CASH BASIS

OPERATING FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>DEPOSIT/ WITHDRAW</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
1/1/2024	Premier Bank	Operations		Beg. Bal				276,342.99	
	Premier Bank	Safekeeping		Deposits	-		-	276,342.99	
1/31/2024	Premier Bank			Disbursements				276,342.99	
1/1/2024	LAIF	Gen. Fund-Prop Tax		Beg. Bal.				9,697,134.87	
	LAIF	Qtrly. Interest		Interest		3.15%	95,697.96	9,792,832.83	
1/31/2024	LAIF			Activity	265,462.00			10,058,294.83	
1/1/2024	LAIF	Water Op.		Beg. Bal.				1,074,491.29	
	LAIF	Qtrly. Interest		Interest		3.15%	10,603.81	1,085,095.10	
1/31/2024	LAIF			Activity	(369,660.22)			715,434.88	
1/1/2024	LAIF	Sewer Op.		Beg. Bal.				1,239,511.27	
	LAIF	Qtrly. Interest		Interest		3.15%	12,232.34	1,251,743.61	
1/31/2024	LAIF			Activity	(8,522.18)			1,243,221.43	\$14,584,446.60

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
FOR PERIOD JULY 1, 2023 THRU JANUARY 31, 2024
CASH BASIS

RESERVED FUNDS

<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>DEPOSIT/ WITHDRAW</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
1/1/2024	LAIF	Water Op. Reserve		Beg. Bal.				4,424,282.84	
	LAIF	Qtrly. Interest		Interest	-	3.15%	43,661.85	4,467,944.69	
1/31/2024	LAIF			Activity	-			4,467,944.69	
1/1/2024	LAIF	Water Replacement		Beg. Bal.				506,012.75	
	LAIF	Qtrly. Interest		Interest		3.15%	4,993.68	511,006.43	
1/31/2024	LAIF			Activity	(21,706.95)			489,299.48	
1/1/2024	LAIF	Wastewater Replacement		Beg. Bal.				612,803.93	
	LAIF	Qtrly. Interest		Interest		3.15%	6,047.57	618,851.50	
1/31/2024	LAIF			Activity	-			618,851.50	
1/1/2024	LAIF	COP-Payback		Beg. Bal.				1,525,689.19	
	LAIF	Qtrly. Interest		Interest		3.15%	15,056.54	1,540,745.73	
1/31/2024	LAIF			Activity	-			1,540,745.73	
1/1/2024	LAIF	Grant-Trash		Beg. Bal.				54,837.96	
	LAIF	Qtrly Interest		Interest	-	3.15%	541.18	55,379.14	
1/31/2024	LAIF			Activity	-			55,379.14	
1/1/2024	LAIF	Field/Admin Bldg.		Beg. Bal.				769,599.74	
	LAIF	Qtrly Interest		Interest	-	3.15%	7,594.94	777,194.68	
1/31/2024	LAIF			Activity	-			777,194.68	
1/1/2024	LAIF	Wastewater Op. Reserve		Beg. Bal.				604,262.54	
	LAIF	Qtrly. Interest		Interest	-	3.15%	5,963.28	610,225.82	
1/31/2024	LAIF			Activity	-			610,225.82	
1/1/2024	LAIF	Project Admin Bldg		Beg. Bal.				1,130,832.26	
	LAIF	Qtrly. Interest		Interest	-	3.15%	11,159.83	1,141,992.09	
1/31/2024	LAIF			Activity	-			1,141,992.09	
1/1/2024	LAIF	Project Ops Bldg		Beg. Bal.				2,057,670.07	
	LAIF	Qtrly. Interest		Interest	-	3.15%	20,306.49	2,077,976.56	
1/31/2024	LAIF			Activity	-			2,077,976.56	\$11,779,609.69

RUBIDOUX COMMUNITY SERVICES DISTRICT
CASH ASSET SCHEDULE
INVESTMENT ACTIVITY
 FOR PERIOD JULY 1, 2023 THRU JANUARY 31, 2024
 CASH BASIS

FUNDS IN TRUST									
<u>DATE</u>	<u>INSTITUTION</u>	<u>INSTRUMENT</u>	<u>MATURITY</u>	<u>STATUS</u>	<u>PURCHASE / REDEEM</u>	<u>INTEREST RATE</u>	<u>INTEREST</u>	<u>PAR/ BALANCE</u>	<u>TOTAL</u>
1/1/2024	U.S. Bank	COP's Refunding-Series 1998						747,676.85	
		Install Sale		-	-	4.79%	-	747,676.85	
		Reserve-LAIF (From US Bank)		748,013.85	-	4.79%	337.00	748,013.85	
1/31/2024								748,013.85	
1/1/2024	Premier Bank	Fiscal Agent-SRL MN Plant		Beg. Bal				367,383.71	
		Deposits			-	0.073%	46.68	367,430.39	
1/31/2024		Disbursements			-			367,430.39	\$ 1,115,444.24
TOTAL CASH FUNDS									\$36,752,648.60

RCSD PORTFOLIO HOLDINGS REPORT
JANUARY 31, 2024

<u>Issuer</u>	<u>Maturity</u>	<u>Acquisition Cost</u>	<u>Current Market</u>	<u>Gain/Loss</u>	<u>Yld Mat</u>
AGENCY		-	-	-	-
U.S. TREASURIES		-	-	-	-
COMMERCIAL PAPER		-	-	-	-
FUNDS IN TRUST		\$ 1,115,444.24	\$ 1,115,444.24		
COLLATERALIZED TIME DEPOSITS					
Premier	4/3/2024	\$ 170,424.60	\$ 170,424.60		4.88%
Citizens Business Bank	4/2/2024	225,000.00	225,000.00		0.04%
Subtotals		\$ 395,424.60	\$ 395,424.60	-	
CASH EQUIVALENT & MONEY MARKET					
LOCAL AGENCY INVESTMENT FUND (LAIF)		\$ 32,542,753.15	\$ 32,542,753.15	-	3.15%
DEPOSITS HELD WITH FINANCIAL INSTITUTIONS		2,699,026.61	2,699,026.61	-	-
Subtotals		\$ 35,241,779.76	\$ 35,241,779.76	-	
GRAND TOTALS		<u>\$ 36,752,648.60</u>	<u>\$ 36,752,648.60</u>	-	

**RCSD INVESTMENT PORTFOLIO
JANUARY 31, 2024**

Maturity

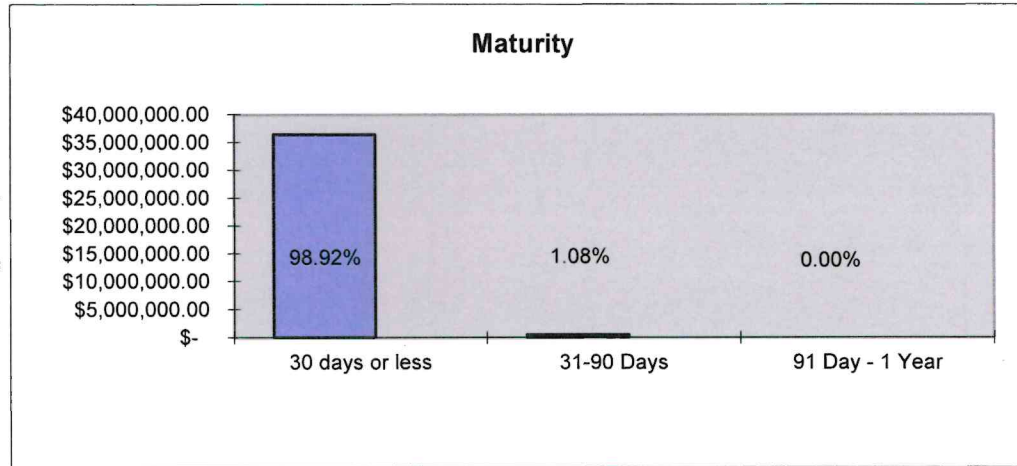
30 days or less
31-90 Days
91 Day - 1 Year

Total

Assets

\$ 36,357,224.00
395,424.60
-

\$ 36,752,648.60



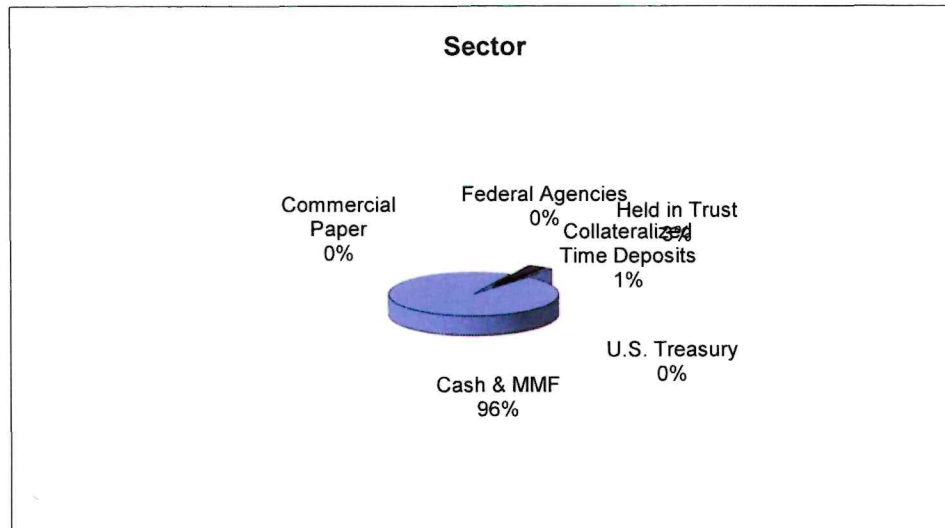
Sector

Cash & MMF
U.S. Treasury
Federal Agencies
Commercial Paper
Held in Trust
Collateralized Time Deposits

Total

\$ 35,241,779.76
-
-
-
1,115,444.24
395,424.60

\$ 36,752,648.60



6. CORRESPONDENCE AND RELATED INFORMATION

7. **REPORTS**

A. Operations Report (Second Meeting Each Month)

Water and Wastewater Production Comparison

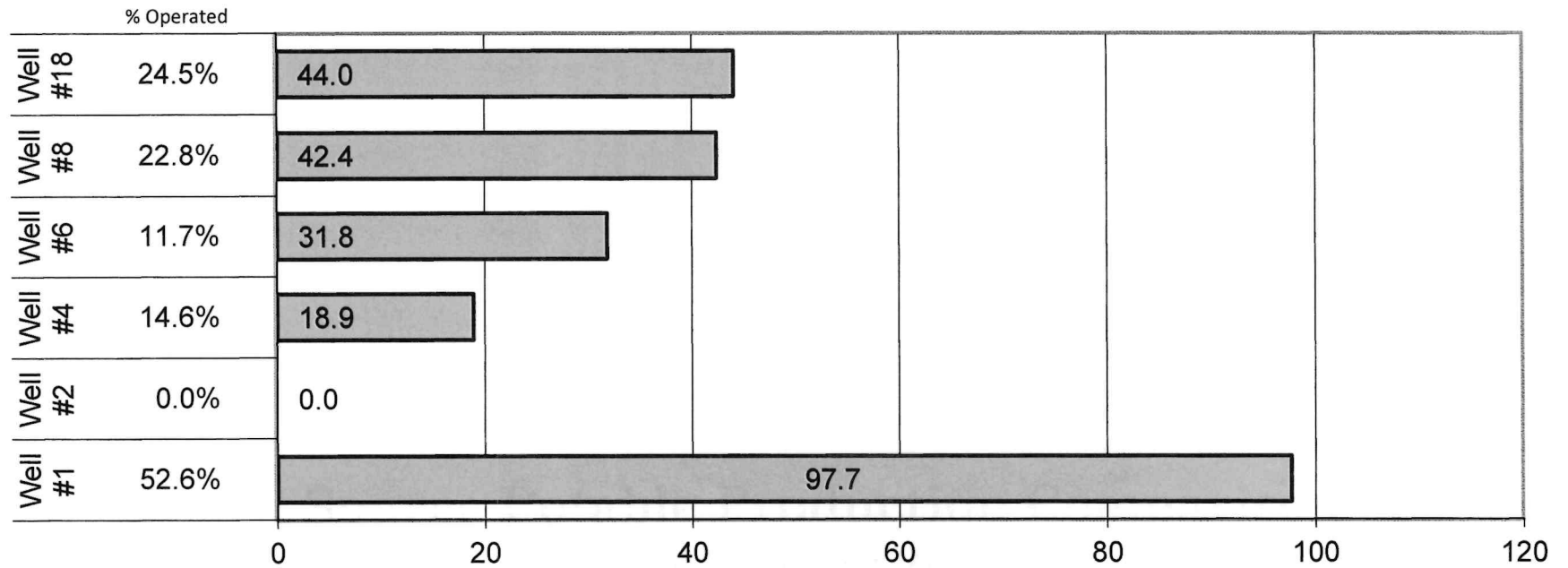
Date	TOTAL WELL PRODUCTION in Million Gallons					Consumption to	WASTEWATER
	Purchased	Potable Wells	Potable Total	Non-Potable Wells	Total	JURUPA C.S.D. (Million Gallons)	FLOW TO RIVERSIDE (Million Gallons)
2/1/2024	0.00	2.25	2.25	0.08	2.33	0.00	1.86
2/2/2024	0.00	2.84	2.84	0.01	2.85	0.00	1.68
2/3/2024	0.00	2.76	2.76	0.00	2.76	0.00	1.69
2/4/2024	0.00	2.67	2.67	0.00	2.67	0.00	1.75
2/5/2024	0.00	2.48	2.48	0.00	2.49	0.00	2.65
2/6/2024	0.00	2.50	2.50	0.00	2.50	0.00	2.38
2/7/2024	0.00	2.60	2.60	0.01	2.61	0.00	1.86
2/8/2024	0.00	2.72	2.72	0.08	2.80	0.00	1.74
2/9/2024	0.00	3.09	3.09	0.00	3.09	0.00	1.55
2/10/2024	0.00	2.52	2.52	0.00	2.52	0.00	1.78
2/11/2024	0.00	2.55	2.55	0.00	2.56	0.00	1.74
2/12/2024	0.00	2.56	2.56	0.00	2.56	0.00	1.79
2/13/2024	0.00	2.88	2.88	0.00	2.88	0.00	1.83
2/14/2024	0.00	2.81	2.81	0.00	2.81	0.00	1.70
2/15/2024	0.00	2.51	2.51	0.00	2.51	0.00	1.76
2/16/2024	0.00	2.97	2.97	0.00	2.98	0.00	1.66
2/17/2024	0.00	2.86	2.86	0.00	2.87	0.00	1.79
2/18/2024	0.00	2.34	2.34	0.01	2.35	0.00	1.64
2/19/2024	0.00	2.40	2.40	0.00	2.40	0.00	1.76
2/20/2024	0.00	2.15	2.15	0.00	2.15	0.00	2.27
2/21/2024	0.00	3.04	3.04	0.00	3.05	0.00	1.80
2/22/2024	0.00	2.29	2.29	0.01	2.30	0.00	1.75
2/23/2024	0.00	2.30	2.30	0.00	2.30	0.00	1.70
2/24/2024	0.00	2.88	2.88	0.00	2.89	0.00	1.79
2/25/2024	0.00	3.29	3.29	0.00	3.29	0.00	1.82
2/26/2024	0.00	2.40	2.40	0.00	2.40	0.00	1.70
2/27/2024	0.00	2.83	2.83	0.00	2.83	0.00	1.72
2/28/2024	0.00	2.28	2.28	0.00	2.28	0.00	1.72
2/29/2023	0.00	2.76	2.76	0.00	2.76	0.00	1.83
MINIMUM	0.00	2.15	2.15	0.00	2.15	0.00	1.55
AVERAGE	0.00	2.64	2.64	0.01	2.65	0.00	1.82
MAXIMUM	0.00	3.29	3.29	0.08	3.29	0.00	2.65
TOTAL	0.00	76.52	76.52	0.26	76.78	0.00	52.70

RUBIDOUX COMMUNITY SERVICES DISTRICT
MONTHLY WELL PRODUCTION
(Million Gallons)

DATE	POTABLE WATER							NONPOTABLE WATER					TOTALS		TOTAL PROD. (MG)
	JURUPA TIE-IN (MG)	GAC Plt TROYER Well #2 (MG)	Nitrate Removal Plt FLEETWOOD Well #4 (MG)	SKOTTY Well #6 (MG)	Thompson WTF Well #1A (MG)	GOULD Well #8A (MG)	Well #18 (MG)	28th ST. Well #3 (MG)	DALY Well #7 (MG)	CLEMENT Well #11 (MG)	46th ST. Well #14 (MG)	Mission Wells #19 & #20 (MG)	POTABLE (MG)	NON POTABLE (MG)	
2/1/2024	0.00	0.00	0.54	0.97	0.00	0.00	0.74	0.00	0.00	0.08	0.00	0.00	2.25	0.08	2.33
2/2/2024	0.00	0.00	0.21	0.38	0.13	1.39	0.74	0.00	0.00	0.00	0.00	0.01	2.84	0.01	2.85
2/3/2024	0.00	0.00	0.03	0.07	0.00	1.86	0.80	0.00	0.00	0.00	0.00	0.00	2.76	0.00	2.76
2/4/2024	0.00	0.00	0.10	0.19	0.00	1.63	0.75	0.00	0.00	0.00	0.00	0.00	2.67	0.00	2.67
2/5/2024	0.00	0.00	0.22	0.38	0.00	1.69	0.20	0.00	0.00	0.00	0.00	0.00	2.48	0.00	2.49
2/6/2024	0.00	0.00	0.02	0.03	0.00	1.75	0.70	0.00	0.00	0.00	0.00	0.00	2.50	0.00	2.50
2/7/2024	0.00	0.00	0.34	0.62	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.01	2.60	0.01	2.61
Subtotal	0.00	0.00	1.45	2.64	0.13	9.95	3.94	0.00	0.00	0.08	0.00	0.03	18.11	0.11	18.21
2/8/2024	0.00	0.00	0.39	0.51	0.00	1.82	0.00	0.00	0.00	0.08	0.00	0.00	2.72	0.08	2.80
2/9/2024	0.00	0.00	0.25	0.11	0.00	1.83	0.90	0.00	0.00	0.00	0.00	0.00	3.09	0.00	3.09
2/10/2024	0.00	0.00	0.39	0.62	0.00	0.00	1.51	0.00	0.00	0.00	0.00	0.00	2.52	0.00	2.52
2/11/2024	0.00	0.00	0.32	0.58	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	2.55	0.00	2.56
2/12/2024	0.00	0.00	0.91	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.56	0.00	2.56
2/13/2024	0.00	0.00	0.44	0.83	0.00	0.22	1.39	0.00	0.00	0.00	0.00	0.00	2.88	0.00	2.88
2/14/2024	0.00	0.00	0.28	0.51	0.00	0.00	2.03	0.00	0.00	0.00	0.00	0.00	2.81	0.00	2.81
Subtotal	0.00	0.00	2.98	4.80	0.00	3.86	7.48	0.00	0.00	0.08	0.00	0.02	19.13	0.10	19.23
2/15/2024	0.00	0.00	0.33	0.58	0.00	0.00	1.60	0.00	0.00	0.00	0.00	0.00	2.51	0.00	2.51
2/16/2024	0.00	0.00	0.33	0.83	1.63	0.00	0.18	0.00	0.00	0.00	0.00	0.00	2.97	0.00	2.98
2/17/2024	0.00	0.00	0.06	0.10	2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86	0.00	2.87
2/18/2024	0.00	0.00	0.05	0.00	2.29	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.34	0.01	2.35
2/19/2024	0.00	0.00	0.02	0.09	2.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.40	0.00	2.40
2/20/2024	0.00	0.00	0.04	0.02	1.57	0.00	0.52	0.00	0.00	0.00	0.00	0.00	2.15	0.00	2.15
2/21/2024	0.00	0.00	0.28	0.15	2.35	0.00	0.26	0.00	0.00	0.00	0.00	0.00	3.04	0.00	3.05
Subtotal	0.00	0.00	1.10	1.78	12.84	0.00	2.55	0.00	0.00	0.00	0.00	0.02	18.27	0.02	18.29
2/22/2024	0.00	0.00	0.03	0.06	2.17	0.00	0.03	0.00	0.00	0.00	0.00	0.01	2.29	0.01	2.30
2/23/2024	0.00	0.00	0.04	0.07	2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.30	0.00	2.30
2/24/2024	0.00	0.00	0.10	0.19	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.88	0.00	2.89
2/25/2024	0.00	0.00	0.11	0.20	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.29	0.00	3.29
2/26/2024	0.00	0.00	0.09	0.16	2.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.40	0.00	2.40
2/27/2024	0.00	0.00	0.12	0.21	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.83	0.00	2.83
2/28/2024	0.00	0.00	0.09	0.18	1.67	0.00	0.34	0.00	0.00	0.00	0.00	0.00	2.28	0.00	2.28
2/29/2023	0.00	0.00	0.06	0.09	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.76	0.00	2.76
Subtotal	0.00	0.00	0.63	1.15	18.86	0.00	0.37	0.00	0.00	0.00	0.00	0.03	21.02	0.03	21.04
TOTAL	0.000	0.000	6.161	10.367	31.833	13.810	14.348	0.000	0.000	0.160	0.000	0.097	76.519	0.257	76.776

TOTAL WATER PRODUCED w/ % Operated

February 2024

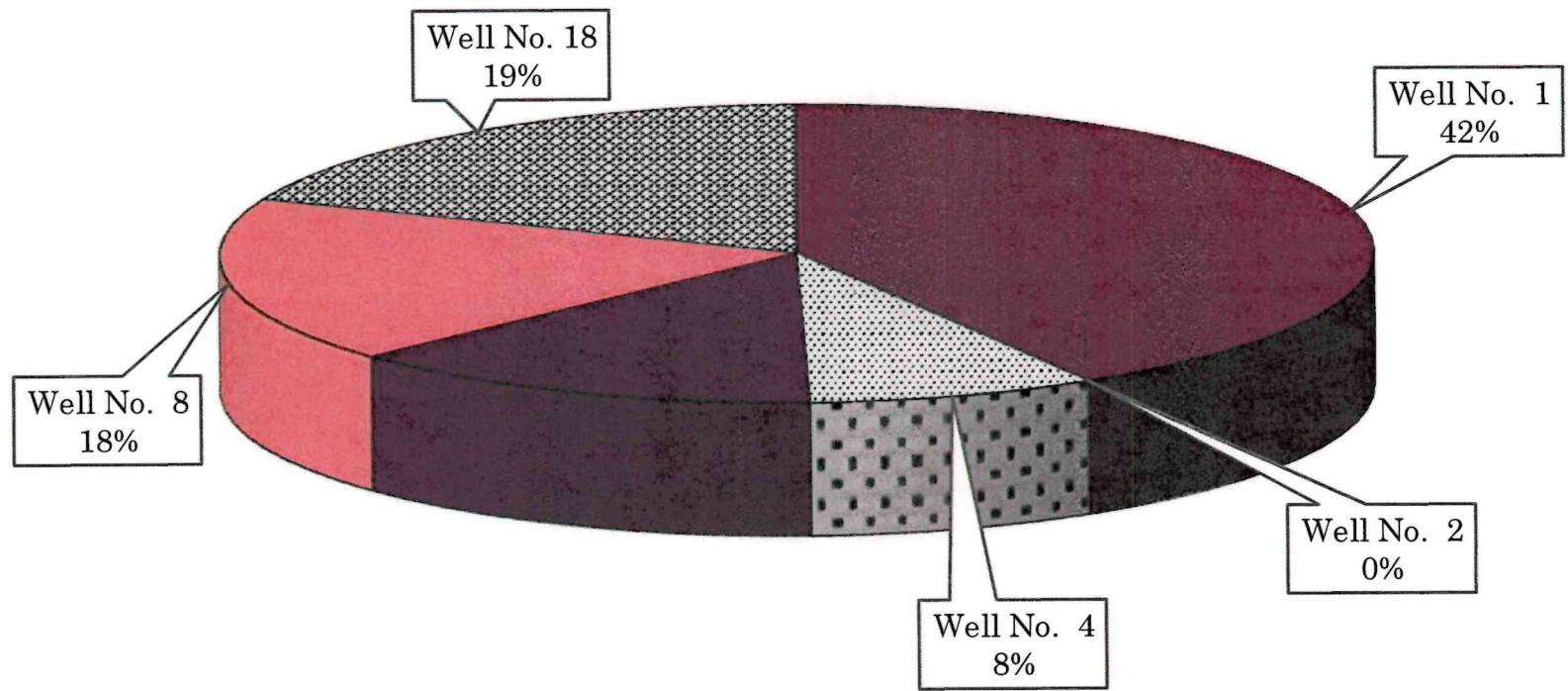


Max Production **1058.0 AF**
 Monthly Production **299.8 AF**
 Reserve Production **871.6 AF**

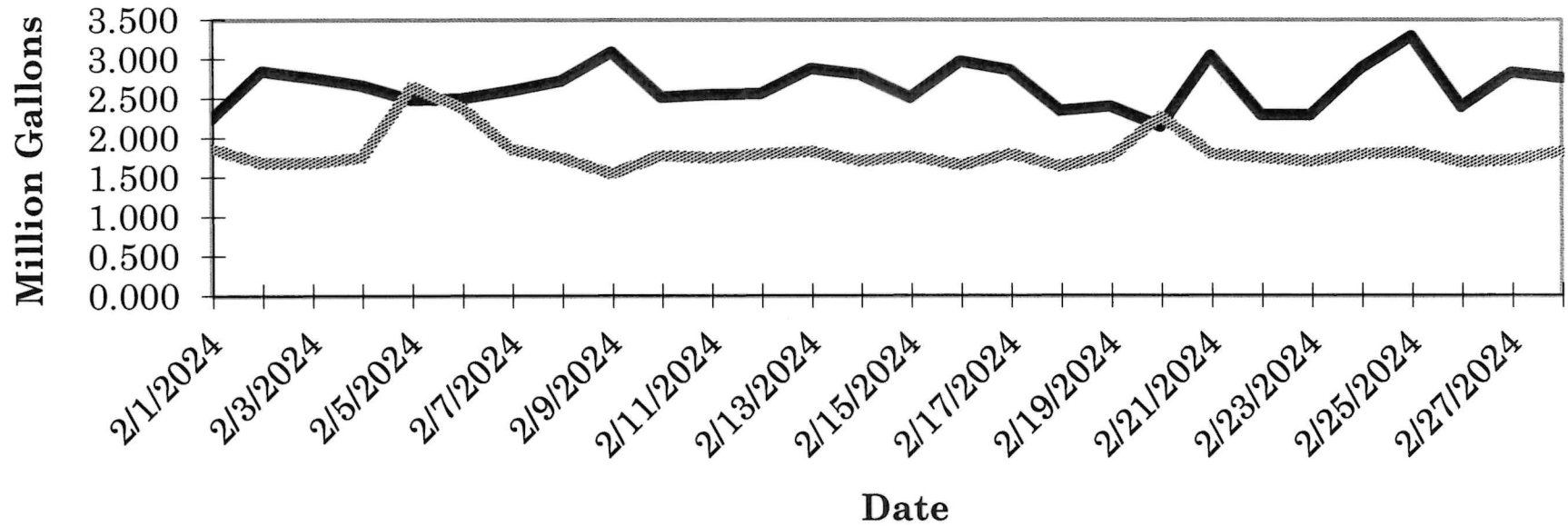
ACRE FEET

1 Acre Foot = 43,560 Cubic Feet = 325,829 Gallons

Source Potable Production Comparison February 2024



Potable Water & Wastewater Comparison February 2024

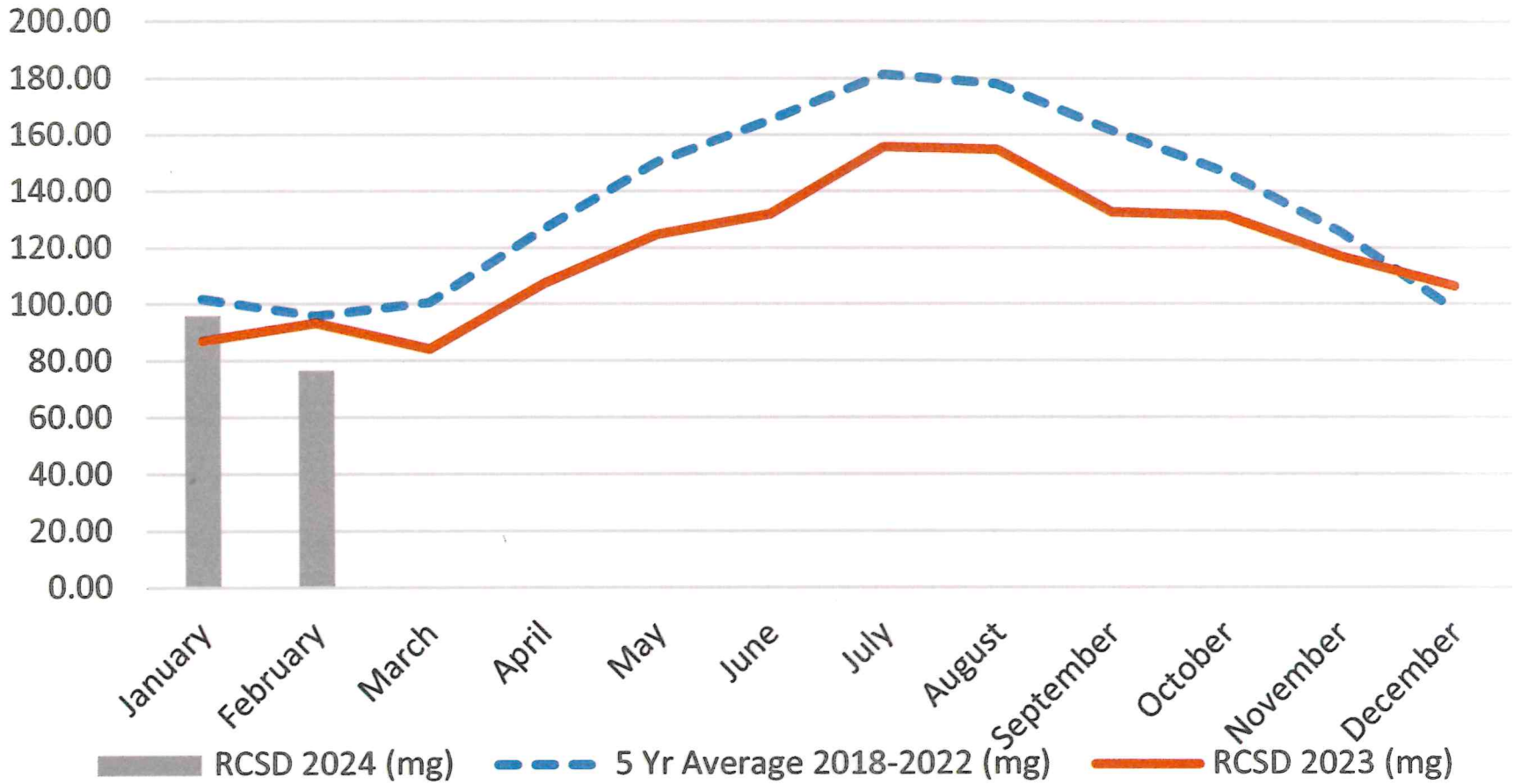


Potable Water Prod.



Wastewater Prod

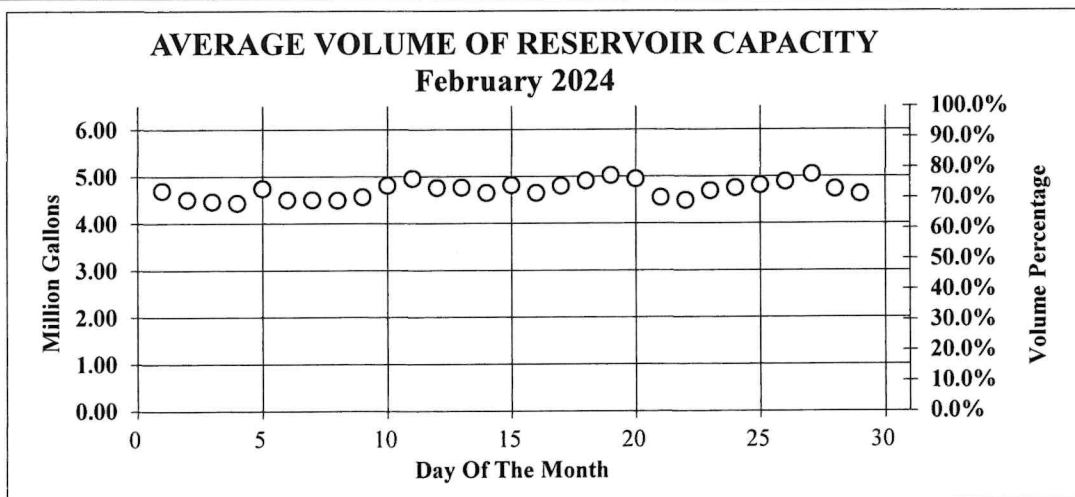
Potable Water Production Year 2024



RUBIDOUX COMMUNITY SERVICES DISTRICT

Reservoir Capacity Report

CAPACITY	ATKINSON SYSTEM		HUNTER SYSTEM		WATER AVAILABLE (Gallons)*	PERCENTAGE OF TOTAL CAPACITY
	2,000,000	3,000,000	425,000	1,000,000		
DATE	ATKINSON	WATSON	HUNTER I	PERRONE		
2/1/2024	76.5	71.6	75.9	69.2	4,691,479	73.0%
2/2/2024	71.4	68.1	76.1	70.5	4,500,996	70.1%
2/3/2024	71.1	67.4	75.5	69.5	4,460,179	69.4%
2/4/2024	70.0	66.7	76.3	70.9	4,435,015	69.0%
2/5/2024	77.3	72.6	75.6	69.6	4,741,377	73.8%
2/6/2024	71.8	68.0	76.0	70.0	4,498,005	70.0%
2/7/2024	71.8	68.0	76.1	69.9	4,498,254	70.0%
2/8/2024	71.1	67.9	76.1	71.1	4,492,348	69.9%
2/9/2024	72.6	69.2	76.4	71.0	4,563,320	71.0%
2/10/2024	78.3	73.7	76.1	70.7	4,808,025	74.8%
2/11/2024	81.8	76.6	75.3	69.7	4,951,646	77.1%
2/12/2024	81.5	78.1	60.6	52.5	4,755,182	74.0%
2/13/2024	78.2	75.4	68.5	64.3	4,761,815	74.1%
2/14/2024	75.2	70.9	75.1	69.5	4,644,776	72.3%
2/15/2024	78.3	73.6	75.6	71.0	4,805,675	74.8%
2/16/2024	74.6	71.4	74.8	69.4	4,645,203	72.3%
2/17/2024	78.6	73.2	75.7	70.7	4,795,278	74.6%
2/18/2024	81.3	75.3	75.1	69.8	4,902,290	76.3%
2/19/2024	84.0	77.4	75.9	70.1	5,023,052	78.2%
2/20/2024	81.9	75.6	76.6	71.2	4,943,099	76.9%
2/21/2024	76.6	71.9	65.4	57.8	4,546,675	70.8%
2/22/2024	71.9	67.9	74.0	68.7	4,478,264	69.7%
2/23/2024	76.1	71.2	76.3	70.3	4,683,895	72.9%
2/24/2024	77.6	72.4	75.5	70.5	4,749,079	73.9%
2/25/2024	79.3	73.7	75.0	69.4	4,811,816	74.9%
2/26/2024	80.6	74.7	76.0	70.4	4,880,990	76.0%
2/27/2024	84.3	77.6	76.0	70.7	5,044,047	78.5%
2/28/2024	77.4	72.2	75.2	69.3	4,727,351	73.6%
2/29/2024	74.7	70.1	76.0	70.5	4,625,220	72.0%



* The total capacity of all District reservoirs is 6,425,000 gallons.

7. **REPORTS** (continued)

B. Emergency and Incident Report (Second Meeting Each Month)



Riverside County Fire Department
Office of the Fire Marshal
Rubidoux Community Services District
3590 Rubidoux Blvd
Rubidoux, CA 92509
Bus (951) 684-7580



Monthly Activity Report February 2024

Activity	Total
Total Number of Plan Reviews Completed	0
Plan Review Turnaround Time (<i>Goal is 15 Days</i>)	0
Total Number of Construction Inspections Conducted	0
Inspection Turnaround Time (<i>Goal is within 3 Days of Contact</i>)	0
Total Number of Annual Fire Inspections Conducted (<i>Including Reinspections</i>)	22
Number of Weed Abatement Inspections Performed	0
Planning & Development Meetings Attended	0
Planning & Development Cases Reviewed	0
Special Event Meetings	0
Special Event Inspections	0

CAL FIRE/Riverside County Fire Department

Emergency Incident Statistics



Bill Weiser

Fire Chief

3/4/2024

Report Provided By: Riverside County Fire Department

Communications and Technology Division

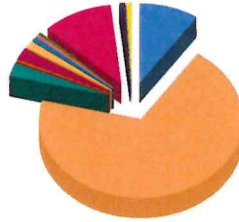
GIS Section

Please refer to Map and Incident by Battalion, Station, Jurisdiction

Incidents Reported for the month of February 2024 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)
*Incidents are shown based on the primary response area for the incident location. This does not represent total response times for all units only the first unit in.

Response Activity

Incidents Reported for the month of February 2024 and Special District Rubidoux CSD And Both (Code 2, Alpha, Omega, Code 3, Charlie, Delta, Bravo, Echo)



False Alarm	24	9.6%
Medical	174	69.3%
Other Fire	7	2.8%
Other Misc	1	0.4%
Public Service Assist	5	2.0%
Res Fire	4	1.6%
Rescue	2	0.8%
Ringling Alarm	1	0.4%
Standby	1	0.4%
Traffic Collision	28	11.2%
Vehicle Fire	2	0.8%
Wildland Fire	2	0.8%
Total:	251	100.0%

False Alarm	24
Medical	174
Other Fire	7
Other Misc	1
Public Service Assist	5
Res Fire	4
Rescue	2
Ringling Alarm	1
Standby	1
Traffic Collision	28
Vehicle Fire	2
Wildland Fire	2
Incident Total:	251

Average Enroute to Onscene Time*

Enroute Time = When a unit has been acknowledged as responding. Onscene Time = When a unit has been acknowledge as being on scene. For any other statistic outside Enroute to Onscene please contact the IT Help Desk at 951-940-6900

<5 Minutes	+5 Minutes	+10 Minutes	+20 Minutes	Average	% 0 to 5 min
182	58	9	1	4.2	72.5%

*CODE 3 and CODE 2 incidents are included in the total count of incidents and the average Enroute to Onscene Time.

Incidents by Battalion, Station and Jurisdiction

			False Alarm	Medical	Other Fire	Other Misc	Public Service Assist	Res Fire	Rescue	Ringing Alarm	Standby	Traffic Collision	Vehicle Fire	Wildland Fire	Total	
Battalion 14	Station 16 Pedley	City of Jurupa Valley	0	2	0	0	0	0	0	0	0	0	0	0	2	
		Station Total	0	2	0	0	0	0	0	0	0	0	0	0	2	
	Station 18 West Riverside	City of Jurupa Valley	0	8	0	0	0	0	0	0	0	0	1	0	0	9
		Rubidoux Community Service District	0	2	0	0	0	0	0	0	0	0	0	0	0	2
	Station 38 Rubidoux	Station Total	0	10	0	0	0	0	0	0	0	0	1	0	0	11
		City of Jurupa Valley	23	156	7	1	5	4	1	1	1	1	27	2	2	230
		Riverside County Unincorporated Area	0	0	0	0	0	0	1	0	0	0	0	0	0	1
		Rubidoux Community Service District	1	6	0	0	0	0	0	0	0	0	0	0	0	7
	Station Total		24	162	7	1	5	4	2	1	1	1	27	2	2	238
	Battalion Total		24	174	7	1	5	4	2	1	1	1	28	2	2	251
	Grand Total		24	174	7	1	5	4	2	1	1	1	28	2	2	251

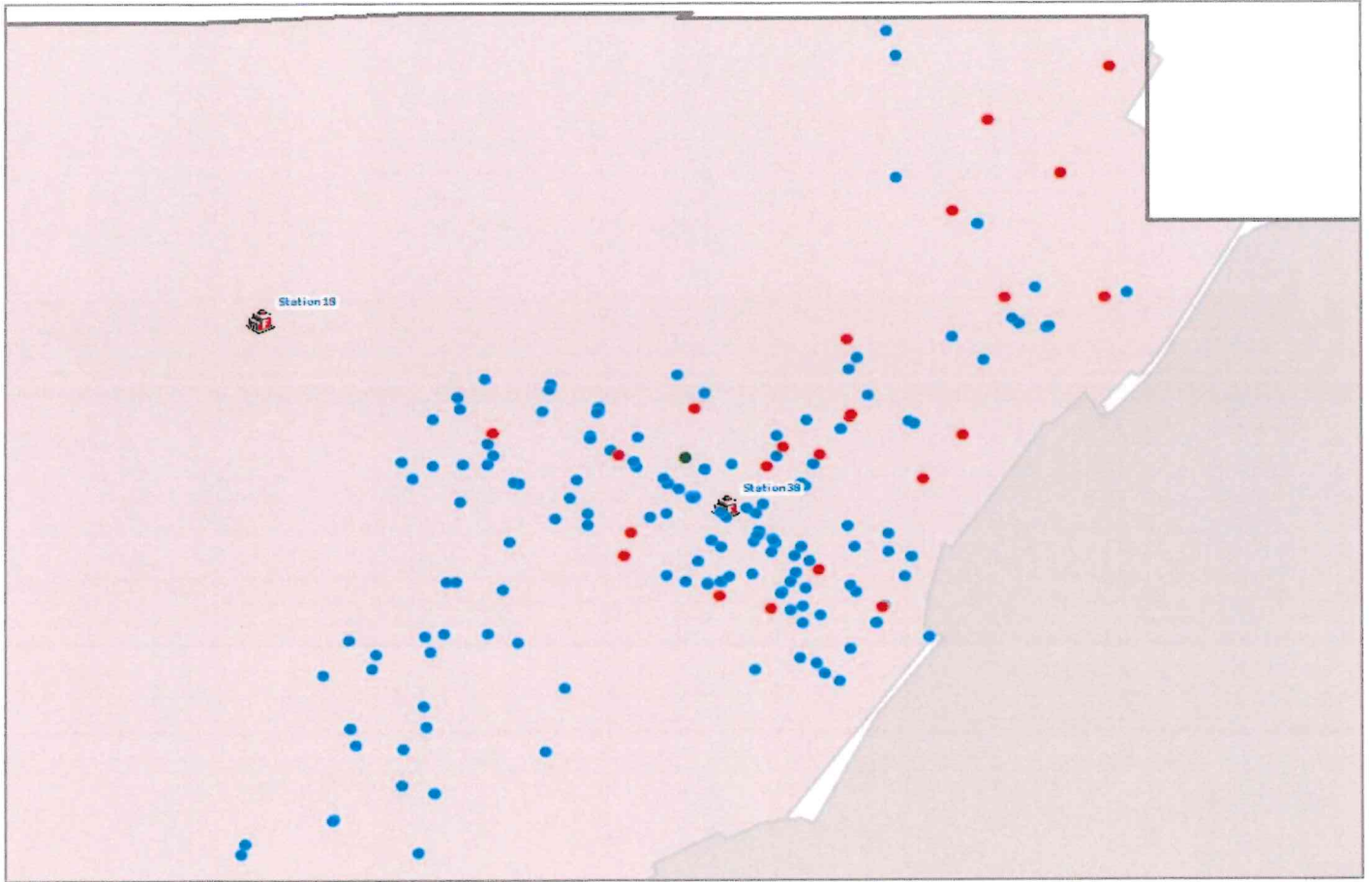
Incidents by Jurisdiction

	False Alarm	Medical	Other Fire	Other Misc	Public Service	Res Fire	Rescue	Ring Alarm	Standby	Traffic Collision	Vehicle Fire	Wildland Fire	Total
City of Jurupa Valley	23	166	7	1	5	4	1	1	1	28	2	2	241
Riverside County Unincorporated Area	0	0	0	0	0	0	1	0	0	0	0	0	1
Rubidoux Community Service District	1	8	0	0	0	0	0	0	0	0	0	0	9
Grand Total	24	174	7	1	5	4	2	1	1	28	2	2	251

Incidents by Supervisorial District - Summary

	DISTRICT 2 KAREN SPIEGEL	Grand Total
False Alarm	24	24
Medical	174	174
Other Fire	7	7
Other Misc	1	1
Public Service Assist	5	5
Res Fire	4	4
Rescue	2	2
Ringin Alarm	1	1
Standby	1	1
Traffic Collision	28	28
Vehicle Fire	2	2
Wildland Fire	2	2
Total	251	251

MONTH = 2 and YEAR = 2024 and SPECIAL= 'Rubidoux CSD'



Legend

- | | | | |
|---------|------------|------------------|--------------|
| Fire | Medical | Riverside County | Fire Station |
| Hazard | Other Misc | Reservations | Casinos |
| Haz Mat | PSA | | |



Riverside County Fire GIS

Last Updated 3/4/2024 2:2

*Incidents are shown based on the primary response area for the incident location. This does not represent total response times for all units only the first unit in.

7. **REPORTS** (continued)

C. General Manager and Staff Reports / Updates

7. **REPORTS** (continued)

D. Committee Reports

8. ACTION / DISCUSSION ITEMS

- A. **DM 2024-24:** Request for Board of Directors Input on District Paid Sewer Extensions at Tract 38171 (Countryside Estates)

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge

General Manager

Brian R. Laddusaw



Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2024-24

March 21, 2024

To: Rubidoux Community Services District
Board of Directors

Subject: Request for Board of Directors Input on District Paid Sewer Extensions at Tract 38171 (Countryside Estates)

BACKGROUND:

At the Board of Directors ("Board") request, Rubidoux Community Services District ("District") staff requested R.C. Hobbs ("Developer") to add sewer extensions to three homes along Limonite Frontage Road to the sewer plans being prepared by the engineer for Tract 38171 ("Project"). These extensions are not shown in the District's 2022 Wastewater Master Plan but have been included in the Sewer Improvement Plans for the Project and as shown in Attachment 1.

The connection of these homes will result in them no longer being on septic systems which tend to increase Nitrates in the local ground water. The District has no wells in this area that are affected by the discharge of effluent from these septic systems, but the ground water gradient (the direction of ground water flow) is towards our neighbors Jurupa Community Services District ("JCSD"). JCSD provides water to its customers in the City of Jurupa Valley and other areas to the west of the District. JCSD obtains water from a variety of sources, including groundwater, the Chino Desalter and the State Water Project. Leaving these homes on septic or connection of these homes to the District's public sewer does not change the water quality of the District since the District doesn't currently have wells in the area.

The District requested a cost estimate from the Developer (Attachment 2). The estimated cost is \$85,358 which does not include the cost of obtaining the easements to construct these laterals (It should be noted the Developer has not requested reimbursement for providing easements in favor of the District). The cost of constructing these sewer extensions is \$28,543 per home. Due to the volatility in construction costs realized in the last few years, actual costs of this project could be 10-15% more than estimated.

If the owners of these homes decide to connect to the District's sewer the District would collect a Sewer Capacity Fee of \$5,200/unit based on the current Capacity Fee Rate adopted by the Board. Although the District could

potentially collect \$15,600 (\$5,200 x 3) in new EDU revenues, since the sewer extension was not included in the District's 2022 Wastewater Master Plan, the District would be disallowed from offsetting the project costs with these potential revenues. Further, if the Board does consider moving forward and constructing the sewer extension, there is no guarantee the customers would hire their own contractor to tie into the District's sewer nor pay the \$5,200 capacity fee. Additionally, this project would require funding from the District's Wastewater Operating Reserve. As of March 18, 2024, this account has a balance of \$1,502,825. Authorizing this project would earmark 5.7% $[(\$85,358 / \$1,502,825) \times 100\%]$ of the current fund balance for the potential benefit of three customers. Connection to these new sewer extensions would probably only occur if the owners had a failure in their septic system and have no additional leach field area available or if the cost of installing a new leach field exceeds the cost of both constructing a new lateral from their home to connect to this District sewer extension *plus* the cost of the Sewer Capacity Fee.

The cost of constructing these extensions is more than 10% of the balance in the Wastewater Operating Reserve. Staff does not consider it prudent to use such a large percentage of this reserve fund to serve three homes which are not current sewer customers with funds generated from the monthly sewer rate paid by existing customers. For this reason, the possibility that the residents may never connect to these sewer extensions and the lack of this effort protecting the District's groundwater supply, staff considers the cost of constructing these sewer extensions to exceed the benefit of constructing them. It is possible, however, to canvas these residents to find out if they want to connect to the District's sewer and if they're willing to pay the costs of building these extensions in addition to the cost of constructing their own lateral and the payment of the Sewer Capacity Fee which could possibly be waived in this case since these homeowners would be paying to construct and then contribute this asset to the District.

RECOMMENDATION:

Staff recommends the Board consider the information contained herein and not proceed forward with constructing sewer extensions in Tract 38171 for the benefit of three water customers currently utilizing septic systems for their wastewater needs.

Respectfully,



BRIAN R. LADDUSAW
General Manager

Attach:

1. Tract 38171 Sewer Improvement Plans
2. Sewer Extension Cost Estimate.

SEWER AND WATER IMPROVEMENT PLANS TRACT 38171 - COUNTRYSIDE ESTATES RUBIDOUX COMMUNITY SERVICES DISTRICT

WATER GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF THE RCSD FOR WATER AND SANITARY SEWER FACILITIES.
2. WATER SYSTEM SHALL BE CONSTRUCTED BY THE DEVELOPER FOR DEDICATION TO THE RUBIDOUX COMMUNITY SERVICES DISTRICT. CONSTRUCTION, MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH RUBIDOUX COMMUNITY SERVICES DISTRICT STANDARDS. THE INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL PUBLIC AGENCIES HAVING JURISDICTION AND THE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS. FAILURE TO MEET THESE REQUIREMENTS WILL BE CAUSE FOR REJECTION.
3. CONSTRUCTION OF THE WATER SYSTEM SHALL NOT COMMENCE UNTIL A FINAL MAP HAS BEEN RECORDED BY RIVERSIDE COUNTY AND THE DEVELOPER'S ENGINEER HAS CERTIFIED THAT ALL STREETS ARE CONSTRUCTED TO FINAL GRADE. WATERMETS SHALL BE INSTALLED AFTER CONSTRUCTION OF CURB & GUTTER, SEWER, STORM DRAIN, AND PRIOR TO THE PLACEMENT OF CROSS-GUTTERS, SPANDRILLS, AND PAVING.
4. PIPE, FITTINGS, VALVES AND APPURTENANCES SHALL BE OF THE PIPE PRESSURE CLASS (NOT WWP CLASS) SHOWN ON THE PROFILE OF THESE PLANS. (NOTE: CAST IRON FITTINGS SHALL NOT BE ALLOWED).
5. MINIMUM COVER OVER PIPE SHALL BE 42 INCHES WHEN THE WATERLINE ENCOUNTERS AN OBSTRUCTION AND CROSSING OVER THE OBSTRUCTION WILL RESULT IN LESS THAN 42 INCHES OF COVER OVER THE WATERLINE, THE WATERLINE SHALL CROSS UNDER THE OBSTRUCTION (MIN. 12 INCHES CLEARANCE).
6. CONTRACTOR SHALL PROVIDE TRENCH PROTECTION AND CONDUCT ALL CONSTRUCTION IN ACCORDANCE WITH CALIFORNIA REQUIREMENTS AND SHALL DETERMINE DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO TRENCHING. OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 500 FEET ALONG ROAD RIGHT OF WAY AND SHALL BE BACKFILLED AND COMPACTED AT THE CONCLUSION OF EACH DAY.
7. BACKFILL SHALL BE COMPACTED TO THE GREATER OF SOIL RELATIVE DENSITY, EQUIVALENT TO THE SURROUNDING SOILS, OR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION, WHICHEVER IS MORE STRINGENT. CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
8. DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHALL BE DETERMINED BY THE CONTRACTOR BY POT-HOLING PRIOR TO TRENCHING. THE CONTRACTOR SHALL ALSO CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
9. WHERE THE WATER MAIN CROSSES STORM DRAINS, OTHER PIPELINES, TELEPHONE AND ELECTRIC DUCTS, OR SIMILAR INSTALLATIONS, A MINIMUM OF 12 INCHES OF CLEARANCE SHALL BE PROVIDED BETWEEN THE MAIN AND OTHER INSTALLATIONS. SEPARATION OF THE WATER AND SEWER LINES MUST COMPLY WITH THE RIVERSIDE COUNTY HEALTH DEPARTMENT STANDARDS AS SHOWN ON RIVERSIDE COUNTY STANDARD PLAN 609 AND RCSD STANDARD DRAWING 52020 AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH.
10. CONNECTIONS TO EXISTING RCSD WATERLINES SHALL BE IN ACCORDANCE WITH STANDARD RCSD PROCEDURES AND SHALL NOT BE ACCOMPLISHED UNLESS AN RCSD INSPECTOR IS PRESENT. NO CONNECTIONS TO EXISTING RCSD WATERLINES WILL BE ALLOWED ON PREMISES.
11. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR CONTRACTOR TO APPLY TO THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT, PERMIT SECTION, FOR AN ENCROACHMENT PERMIT, FOR ALL WORK ON EXISTING COUNTY MAINTAINED ROADS.
12. ALL SERVICE LATERALS SHALL BE LOCATED AT RIGHT ANGLES TO THE MAIN UNLESS OTHERWISE INDICATED ON THE PLANS AND APPROVED BY THE RCSD.
13. PIPE SHALL BE HANDED SO AS TO PROTECT THE PIPE AT ALL TIMES AND SHALL BE CAREFULLY BEDED TO PROVIDE CONTINUOUS BEARING AND TO PREVENT UNEVEN SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOATION AT ALL TIMES. OPEN ENDS SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
14. PIPE JOINTS SHALL NOT BE DEFLECTED AT ANY ANGLE GREATER THAN THE MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER. ALL MISSED JOINTS SHALL BE MINIMUM DOUBLE PASS.
15. TAPS ON PIPELINE SHALL BE INSTALLED PER DISTRICT STANDARDS AND AS APPROVED IN THE FIELD BY THE RCSD INSPECTOR. CONNECTIONS TO EXISTING RCSD PIPELINES SHALL NOT BE ACCOMPLISHED UNLESS AN RCSD INSPECTOR IS PRESENT. RCSD MAY ELECT TO MAKE THE CONNECTION AT THE DEVELOPER'S EXPENSE. CONTRACTOR TO FIELD VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING WATERLINES PRIOR TO CONSTRUCTION.
16. TEST PRESSURE SHALL BE 150% OF PIPE CLASS RATING (I.E. 150 = 225 PSI TEST), SHALL BE UNDER CONTINUOUS INSPECTION, AND SHALL BE IN ACCORDANCE WITH EXISTING STANDARD PROCEDURES.
17. SURFACE IMPROVEMENTS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION.
18. FIRE HYDRANTS AND AIR VALVES TO BE LOCATED PER THE AGENCY HAVING JURISDICTION.
19. WATER METERS TO BE LOCATED PER PLAN. ANY RELOCATION SHALL BE APPROVED BY THE RCSD. A "W" SHALL BE IMPRINTED ON THE CURB FACE AT EACH SERVICE LATERAL (METER) LOCATION.
20. CONTRACTOR SHALL PLACE INSULATED 1/4" GA. SOLID COPPER LOCATOR WIRE WITH ALL C-900 PVC PIPE TO ASSIST WITH FUTURE LOCATION.
21. THE DEVELOPER SHALL PROVIDE ONE SET OF PRINTS SHOWING ALL "AS-BUILT" CONDITIONS INCLUDING THE STATINGS OF SERVICE LATERAL CONNECTIONS AND PAD ELEVATIONS AS A CONDITION OF FINAL APPROVAL.
22. ANY REVISION TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT.
23. THE CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED AIR SPACE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH "CONFINED AIR SPACE" ARTICLE 108, TITLE 8 CALIFORNIA ADMINISTRATIVE CODE.
24. ALL PIPE LARGER THAN 12" IN DIAMETER SHALL BE INSPECTED BY VIDEO CAMERA PRIOR TO BACTERIOLOGICAL TESTING.
25. CONTRACTOR SHALL WARRANTY ALL WORK FOR 12 MONTHS AFTER THE DATE OF FINAL INSPECTION.

SEWER GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF RCSD FOR WATER AND SANITARY SEWER FACILITIES.
2. SEWER SYSTEM SHALL BE CONSTRUCTED BY THE DEVELOPER FOR DEDICATION TO THE RUBIDOUX COMMUNITY SERVICES DISTRICT. CONSTRUCTION, MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH RUBIDOUX COMMUNITY SERVICES DISTRICT STANDARDS. THE INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL PUBLIC AGENCIES HAVING JURISDICTION. FAILURE TO MEET THESE REQUIREMENTS WILL BE CAUSE FOR REJECTION. SEWER PIPE SHALL BE EXTRA STRENGTH VITRIFIED CLAY PIPE (EVC) UNLESS OTHERWISE APPROVED BY THE DISTRICT ENGINEER.
3. CONSTRUCTION OF THE SEWER SYSTEM SHALL NOT COMMENCE UNTIL A FINAL MAP HAS BEEN RECORDED BY RIVERSIDE COUNTY AND THE DEVELOPER'S ENGINEER HAS CERTIFIED THAT ALL STREETS ARE CONSTRUCTED TO FINAL GRADE FOR CURB AND GUTTER.
4. CONTRACTOR SHALL PROVIDE TRENCH PROTECTION AND CONDUCT ALL CONSTRUCTION IN ACCORDANCE WITH CALIFORNIA REQUIREMENTS AND SHALL DETERMINE DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO TRENCHING. OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 500 FEET ALONG ROAD RIGHT OF WAY AND SHALL BE BACKFILLED AND COMPACTED AT THE CONCLUSION OF EACH DAY.
5. PIPE SHALL BE HANDED SO AS TO PROTECT THE PIPE AT ALL TIMES AND SHALL BE CAREFULLY BEDED TO PROVIDE CONTINUOUS BEARING AND TO PREVENT UNEVEN SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOATION AT ALL TIMES. OPEN ENDS OF INSTALLED SEWER SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
6. PIPE JOINTS SHALL NOT BE DEFLECTED AT ANY ANGLE GREATER THAN THE MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER.
7. DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHALL BE DETERMINED BY THE CONTRACTOR BY POT-HOLING PRIOR TO TRENCHING. THE CONTRACTOR SHALL ALSO CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
8. WHERE THE SEWER MAIN CROSSES STORM DRAINS, OTHER PIPELINES, TELEPHONE AND ELECTRIC DUCTS, OR SIMILAR INSTALLATIONS, A MINIMUM OF 12 INCHES OF CLEARANCE SHALL BE PROVIDED BETWEEN THE MAIN AND OTHER INSTALLATIONS. SEPARATION OF THE WATER AND SEWER LINES MUST COMPLY WITH THE RIVERSIDE COUNTY HEALTH DEPARTMENT STANDARDS AS SHOWN ON RIVERSIDE COUNTY STANDARD PLAN 609 AND RCSD STANDARD DRAWING 52020 AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH.
9. CONNECTIONS TO EXISTING RCSD SEWER PIPELINES SHALL NOT BE ACCOMPLISHED UNLESS THE DISTRICT INSPECTOR IS PRESENT TO MAKE THE CONNECTION AT THE DEVELOPER'S EXPENSE. CONTRACTOR TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SEWER LINES PRIOR TO CONSTRUCTION. NO CONNECTIONS TO EXISTING RCSD SEWERLINES WILL BE ALLOWED ON PREMISES.
10. BACKFILL SHALL BE COMPACTED TO THE GREATER OF SOIL RELATIVE DENSITY, EQUIVALENT TO THE SURROUNDING SOILS, OR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION, WHICHEVER IS MORE STRINGENT.
11. SEWER LATERALS SHALL BE 6" VCP UNLESS OTHERWISE INDICATED. EXACT LOCATIONS OF INYES AND LATERALS ARE TO BE ESTABLISHED IN THE FIELD PRIOR TO INSTALLATION. AN "S" SHALL BE IMPRINTED ON THE CURB FACE AT EACH SERVICE LATERAL LOCATION. A STEEL ROD OR STAKE SHALL BE INSTALLED AT THE END OF EACH SEWER LATERAL TO ASSIST IN LOCATING AT A LATER DATE.
12. UNLESS WAIVED BY THE RCSD, A 2" WIDE METALLIC LOCATOR TAPE SHALL BE PLACED WITH EACH SEWER AND EACH SEWER AND SERVICE LATERAL TO ASSIST IN FUTURE LOCATION. TAPE SHALL BE PLACED AT LEAST 6" ABOVE THE PIPE BUT NOT DEEPER THAN 4" FROM THE PROPOSED FINISHED GRADE.
13. ALL SEWERS SHALL BE BALLED, AIR TESTED AND VIDEO INSPECTED PRIOR TO ACCEPTANCE BY THE DISTRICT.
14. SURFACE IMPROVEMENTS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION.
15. THE DEVELOPER SHALL PROVIDE ONE SET OF PRINTS SHOWING ALL "AS-BUILT" CONDITIONS INCLUDING THE STATINGS OF SEWER LATERAL CONNECTIONS AND PAD ELEVATIONS AS A CONDITION OF FINAL APPROVAL.
16. ANY REVISION TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT.
17. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF BACKWATER VALVES, WHERE REQUIRED PER UNIFORM PLUMBING CODE AND PER RCSD STANDARDS.
18. THE CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED AIR SPACE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH "CONFINED AIR SPACE" ARTICLE 108, TITLE 8 CALIFORNIA ADMINISTRATIVE CODE.
19. CONTRACTOR SHALL WARRANTY ALL WORK FOR 12 MONTHS AFTER THE DATE OF FINAL INSPECTION.

NOTICE TO CONTRACTOR:

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL APPLY TO CONTRACTORS AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS AND IS RESPONSIBLE FOR THE PROTECTION OF ANY DAMAGE TO THESE LINES OR STRUCTURES. ALL RETAINING WALLS SHOWN ON THESE PLANS ARE SHOWN FOR REFERENCE ONLY AND ARE TO BE CONSTRUCTED PER SEPARATE PERMIT.

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.

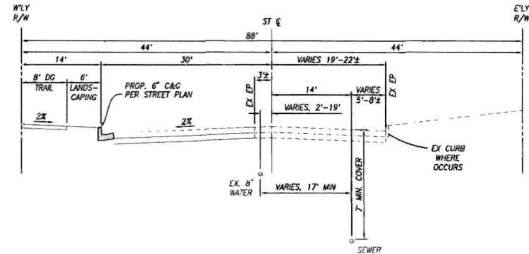
FIRE NOTE:
NEW/OLD FIRE FLOW SHALL BE 875 GPM FOR 1 HOUR DURATION AT 20 PSIG.

CITY OF JURIPA VALLEY ENGINEERING DEPARTMENT APPROVED BY:	CITY OF JURIPA VALLEY ENGINEERING DEPARTMENT RECOMMENDED BY:	FIRE DEPARTMENT APPROVED BY THE RIVERSIDE COUNTY FIRE DEPARTMENT
PAUL TOOR, CITY ENGINEER	TINA VYUK, DEVELOPMENT SERVICES MANAGER	BY _____ DATE _____

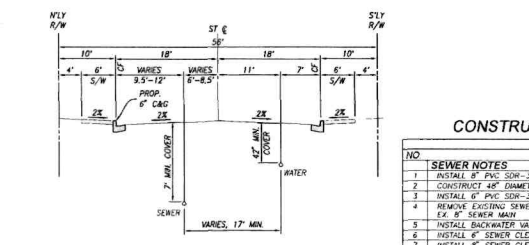
I CERTIFY THAT THE DESIGN OF THE WATER SYSTEM IN TRACT 38171 IS IN ACCORDANCE WITH THE WATER SYSTEM MASTER PLANS OF THE RUBIDOUX COMMUNITY SERVICES DISTRICT, AND THAT THE DESIGN OF THE WATER STORAGE AND DISTRIBUTION SYSTEM WILL BE ADEQUATE TO SUPPLY WATER SERVICE TO SAID TRACT. THIS CERTIFICATION DOES NOT CONSTITUTE A GUARANTEE THAT IT WILL SUPPLY WATER TO SAID TRACT AT ANY SPECIFIC QUANTITIES, FLOWS, OR PRESSURES FOR FIRE PROTECTION OR ANY OTHER PURPOSE.

I CERTIFY THAT THE DESIGN OF THE SEWER SYSTEM IN TRACT 38171 IS IN ACCORDANCE WITH THE SEWER SYSTEM MASTER PLANS OF THE RUBIDOUX COMMUNITY SERVICES DISTRICT, AND THAT THE WASTE DISPOSAL SYSTEM IS ADEQUATE AT THIS TIME TO TREAT THE ANTICIPATED WASTES FROM THE PROPOSED TRACT.

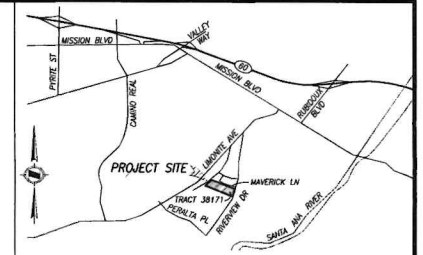
APPROVED BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT FOR CONSTRUCTION	DATE _____	DATE _____	DATE _____	DATE _____
DATE _____	DATE _____	DATE _____	DATE _____	DATE _____



RIVERVIEW DRIVE STREET SECTION



A STREET STREET SECTION



VICINITY MAP
SECTION 8, TOWNSHIP 2 SOUTH, RANGE 5 WEST
INDEX OF DRAWINGS

SHEET 1	TITLE SHEET
SHEET 2	INDEX MAP
SHEET 3	WATER IMPROVEMENT PLANS "A" STREET, STA 26+81.36 TO STA 32+00.00
SHEET 4	WATER IMPROVEMENT PLANS "A" STREET, STA 32+00.00 TO STA 41+00.00
SHEET 5	WATER IMPROVEMENT PLANS "A" STREET, STA 41+00.00 TO STA 47+14.39
SHEET 6	SEWER IMPROVEMENT PLANS RIVERVIEW DRIVE, STA 1+00.00 TO STA 5+51.41
SHEET 7	SEWER IMPROVEMENT PLANS "A" STREET, STA 1+00.00 TO STA 9+00.00
SHEET 8	SEWER IMPROVEMENT PLANS "A" STREET, STA 9+00.00 TO STA 18+54.30
SHEET 9	SEWER IMPROVEMENT PLANS SS LINE "B", STA 1+00.00 TO STA 2+98.43 SS LINE "C", STA 1+00.00 TO STA 3+51.42

CONSTRUCTION NOTES AND ESTIMATE OF QUANTITIES

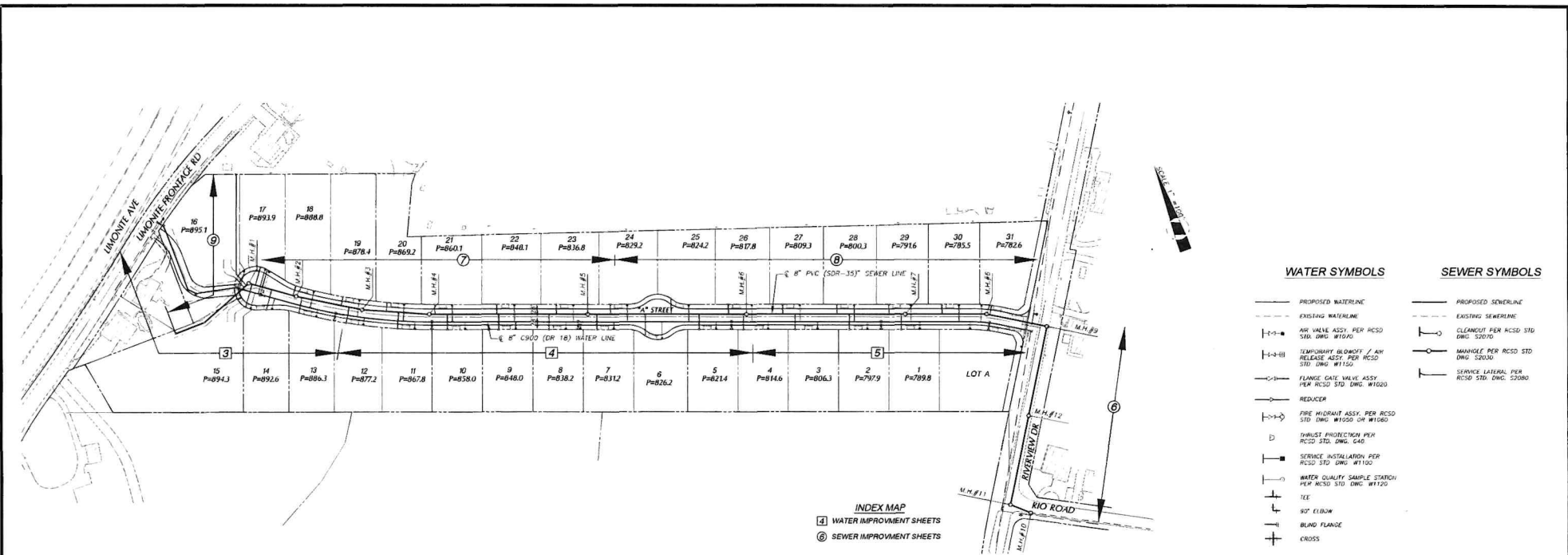
NO	DESCRIPTION	QUANTITY	UNIT
SEWER NOTES			
1	INSTALL 8" PVC SDR-35 SEWER MAIN PER RCSD STD. DWG. NO. 52010	2,161	L.F.
2	CONSTRUCT 48" DIAMETER SEWER MANHOLE PER RCSD STD. DWG. NO. 52010	12	EA.
3	INSTALL 6" PVC SDR-35 SEWER LATERAL PER RCSD STD. DWG. NO. 52080	32	EA.
4	REMOVE EXISTING SEWER CLEANOUT AND INTERFERING PORTIONS OF 8" SEWER MAIN	1	EA.
5	INSTALL BACKWATER VALVE PER RCSD STD. DWG. NO. 52110	24	EA.
6	INSTALL 8" SEWER CLEANOUT PER RCSD STD. DWG. NO. 52070	33	EA.
7	INSTALL 8" SEWER CLEANOUT PER RCSD STD. DWG. NO. 52070	2	EA.
8	INSTALL 8" EXTRA STRENGTH VITRIFIED CLAY PIPE WITH COMPRESSION JOINTS PER RCSD STD. DWG. NO. 52010	45	L.F.
WATER NOTES			
21	INSTALL 8" PVC C-900 (R-18) WATER MAIN, TRENCH AND BACKFILL PER RCSD STD. DWG. NO. 620	2,036	L.F.
22	INSTALL 8" 4" HOT TAP WITH 6" TAPPING VALVE	2	EA.
23	INSTALL 8" GATE VALVE AND BOX PER RCSD STD. DWG. NO. W1020	2	EA.
24	INSTALL 1" WATER SERVICE AND METER PER RCSD STD. DWG. NO. W1100	31	EA.
25	INSTALL 6" FIRE HYDRANT ASSEMBLY PER RCSD STD. DWG. NO. W1050	2	EA.
26	INSTALL 8" 45° CLASS 350 DI BEND, MANUF.	2	EA.
27	INSTALL 8" 45° CLASS 350 DI BEND, MANUF.	1	EA.
28	INSTALL THRUST BLOCK PER RCSD STD. DWG. NO. 640	2	EA.
29	INSTALL 1" AIR VALVE PER RCSD STD. DWG. NO. W1070	4	EA.
30	INSTALL RESTRAINED HIGH DEFLECTION COUPLING	4	EA.
31	INSTALL 8" 22.5° CLASS 350 DI BEND, MANUF.	2	EA.
32	INSTALL 8" 11.25° CLASS 350 DI BEND, MANUF.	1	EA.
33	INSTALL 1" IRRIGATION SERVICE AND WATER WITH BACKFLOW PREVENTOR PER RCSD STD. DWG. NO. W1100 AND W1130	1	EA.
34	INSTALL 8" PVC C-900 (R-18) WATER MAIN, TRENCH AND BACKFILL PER RCSD STD. DWG. NO. 620	55	L.F.
35	RESTRAIN JOINTS WITHIN LIMITS SHOWN IN PROFILE AND DETAIL ON SHEET 3	427	L.F.
36	INSTALL 8" 31.25° CLASS 350 DI BEND, MANUF.	3	EA.
37	REMOVE EXISTING FIRE HYDRANT AND LATERAL. INSTALL BLIND FLANGE ONTO EXISTING GATE VALVE	1	EA.
38	INSTALL 8" 22.5° CLASS 350 DI BEND, MANUF.	1	EA.

QUANTITIES PREPARED ON 01/13/2024. QUANTITIES SHOWN HEREON ARE FOR THE WATER DISTRICT BOND AND FEE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR PREPARING QUANTITIES FOR CONSTRUCTION.

BASIS OF BEARINGS THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CGS 83, BASED LOCALLY ON CONTROL STATIONS COMP. MEIP, AND EWPV AND HUNSAKER(2011) EPOCH 2012/50 AS SHOWN HEREON. ALL BEARINGS SHOWN ON THIS MAP ARE GROUND BEARINGS AND DISTANCES FROM REFERENCE MAPS OR DEEDS ARE SHOWN AS PER THAT REFERENCE. ALL DISTANCES SHOWN ARE GROUND DISTANCES UNLESS SPECIFIED OTHERWISE. GROUND DISTANCES MAY BE OBTAINED BY MULTIPLYING THE GROUND DISTANCE BY A CORRECTION FACTOR OF 0.99980787. CALCULATIONS ARE MADE AT POINT #14 WITH COORDINATES OF N 2304649.93 E 1262668.01 USING AN ELEVATION OF 829.92.	BENCH MARK THE BENCHMARK FOR THIS SURVEY IS CONTINUOUS OPERATING REFERENCE STATION #6157 ELEVATION = 1661.92 (NAVD 88). THIS IS A CONTINUOUS GPS STATION AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE CENTER SURVEY COMPLETED 11-11-17 FOR THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. VERTICAL DATUM IS TO THE GEODETIC MEANSEA LEVEL (GFM). THE ANTENNA IS AN AUSTRIAN JENSEN J15 WITH SCISSOR TYPE VERTICAL ANTENNA HEIGHT 0.7 FROM THE GEODETIC REFERENCE POINT TO THE BOTTOM OF THE ANTENNA PRE-AMP (BPA) AND IS 0.027 FEET.
SCALE AS SHOWN	FIELD BOOK
DESIGN TS	DATE _____
DRAWN JS	CHECKED TH

RUBIDOUX COMMUNITY SERVICES DISTRICT
TRACT 38171 - COUNTRYSIDE ESTATES
SEWER AND WATER IMPROVEMENT PLANS
TITLE SHEET
1 OF 9 SHEETS
RCSD PLAN NO.





INDEX MAP
 4 WATER IMPROVEMENT SHEETS
 6 SEWER IMPROVEMENT SHEETS

- | WATER SYMBOLS | | SEWER SYMBOLS | |
|---------------|---|---------------|--|
| — | PROPOSED WATERLINE | — | PROPOSED SEWERLINE |
| - - - | EXISTING WATERLINE | - - - | EXISTING SEWERLINE |
| ⊥ | AIR VALVE ASSY PER RCSD STD. DWG. W1150 | ⊥ | CLEANOUT PER RCSD STD. DWG. S2070 |
| ⊥ | TEMPORARY BLOWOFF / AIR RELEASE ASSY PER RCSD STD. DWG. W1150 | ⊥ | MANHOLE PER RCSD STD. DWG. S2030 |
| ⊥ | FLANGE GATE VALVE ASSY PER RCSD STD. DWG. W1020 | ⊥ | SERVICE LATERAL PER RCSD STD. DWG. S2080 |
| ⊥ | REDUCER | | |
| ⊥ | FIRE HYDRANT ASSY PER RCSD STD. DWG. W1050 OR W1060 | | |
| ⊥ | THRUST PROTECTION PER RCSD STD. DWG. C48 | | |
| ⊥ | SENSE INSTALLATION PER RCSD STD. DWG. W1100 | | |
| ⊥ | WATER QUALITY SAMPLE STATION PER RCSD STD. DWG. W1120 | | |
| ⊥ | TEE | | |
| ⊥ | 90° ELBOW | | |
| ⊥ | BLIND FLANGE | | |
| ⊥ | CROSS | | |

- ABBREVIATIONS & SYMBOLS**
- | | |
|------|------------------|
| DEF. | DEFLECTION POINT |
| GB | GRADE BREAK |
| R/W | RIGHT OF WAY |
| TC | TOP OF CURB |
| FL | FLOWLINE |
| BC | BEGIN OF CURVE |
| EC | END OF CURVE |
| C | CENTERLINE |
| LAT | LATERAL |
| FH | FIRE HYDRANT |
| ESMT | EASEMENT |
| MH | MANHOLE |
| PVMT | PAVEMENT |
| INV | INVERT |
| EX | EXISTING |
| MIN | MINIMUM |
| TYP | TYPICAL |
| LF | LINEAR FEET |
| EA | EACH |

NO WORK SHALL BE DONE ON THIS SITE UNLESS AGENCY IS NOTIFIED BY TELEPHONE TO GRAB OR CHUCK WEAVER
 Underground Service Alert
 Cal. TOLL FREE
811
 TWO WORKING DAYS BEFORE YOU DIG

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION
 DATE _____
 APPROVED FOR ONE YEAR FROM THIS DATE

SYM	REVISION	DATE	BY

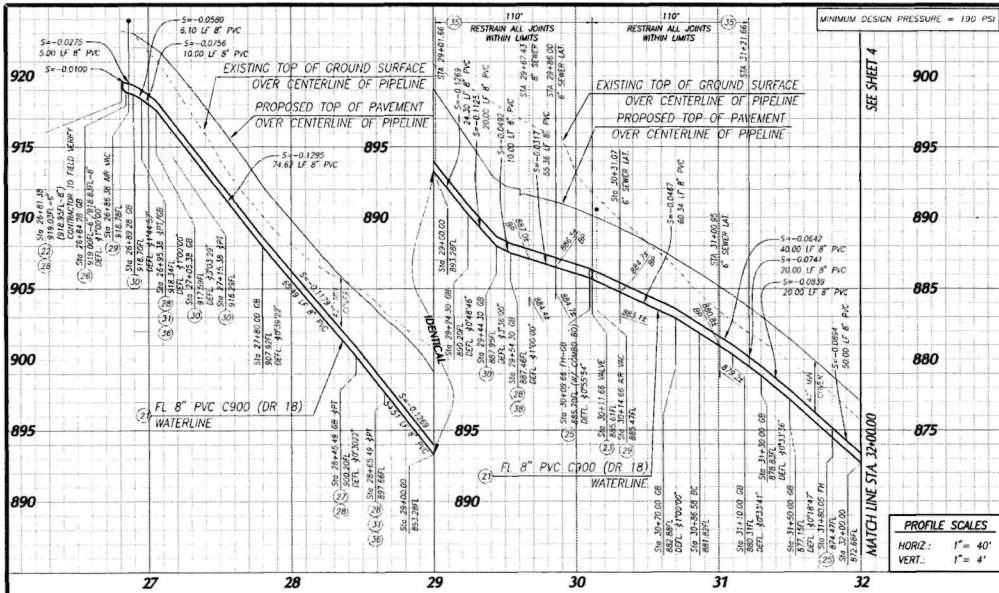
ENGINEER OF RECORD'S SEAL
 NO. 69273
 Exp. 04/30/24
 CIVIL
 STATE OF CALIFORNIA

HUNSAKER & ASSOCIATES
 I R V I N E I N C
 PLANNING • ENGINEERING • SURVEYING
 Three Rivers • 3100 • CA 95128 • PH (916) 384-1970 • FX (916) 384-7110
 APPROVED BY _____
 REGISTERED ENGINEER No. _____ DATE _____

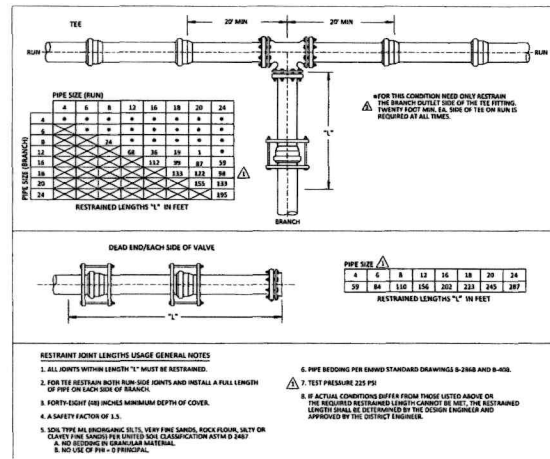
SCALE AS SHOWN
 FIELD BOOK _____
 DESIGN IS _____
 DRAWN IS _____
 CHECKED TH _____

RUBIDOUX COMMUNITY SERVICES DISTRICT
 TRACT 38171 - COUNTRYSIDE ESTATES
 SEWER AND WATER IMPROVEMENT PLANS
 INDEX MAP

SHEET
2
 OF 9 SHEETS
 RCSD PLAN NO.

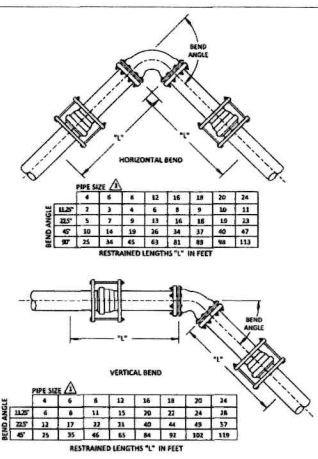


PROFILE SCALES
 HORIZ: 1" = 40'
 VERT: 1" = 4'



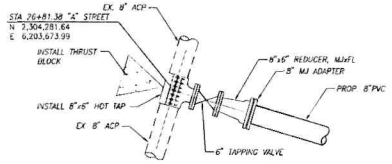
- RESTRAINT JOINT LENGTHS USAGE GENERAL NOTES**
- ALL JOINTS WITHIN LENGTH "L" MUST BE RESTRAINED.
 - FOR THE RESTRAIN BOTH FLOW SIDE JOINTS AND INSTALL A FULL LENGTH OF PIPE ON EACH SIDE OF BRANCH.
 - FORTY-FIVE (45) INCHES MINIMUM DEPTH OF COVER.
 - A SAFETY FACTOR OF 1.5.
 - SOIL TYPE AND GEOTECHNICAL DATA: VERY FINE SANDS, ROCK FLOORS, SILT OR CLAYEY FINE SANDS FOR SLOTTED SOIL CLASSIFICATION ASTM D 1587 OR A NO. 100 (SAND) OR GRANULAR MATERIAL.
 - NO USE OF PVC-DIPROTECT.
 - PIPE BEDDING PER ENR STANDARD DRAWINGS S-2368 AND S-408.
 - TEST PRESSURE 225 PSI.
 - IF ACTUAL CONDITIONS DIFFER FROM THOSE LISTED ABOVE ON THE REQUIRED RESTRAINED LENGTH CANNOT BE MET, THE RESTRAINED LENGTH SHALL BE DETERMINED BY THE DESIGN ENGINEER AND APPROVED BY THE DISTRICT ENGINEER.

STANDARD RESTRAIN TEE, DEAD END, BEND FOR PVC C-900



WATER CONSTRUCTION NOTES

- INSTALL 8" PVC C-900, DR-18 WATER MAIN, TRENCH AND BACKFILL PER RCSD STD. DWG. NO. G20
- INSTALL 8" 45° HOT TAP WITH 6" TAPPING VALVE
- INSTALL 8" GATE VALVE AND BOX PER RCSD STD. DWG. NO. W1020
- INSTALL 1" WATER SERVICE AND METER PER RCSD STD. DWG. NO. W1100
- INSTALL 6" FIRE HYDRANT ASSEMBLY PER RCSD STD. DWG. NO. W1050
- INSTALL 8" 45° CLASS 350 DI ECCENTRIC REDUCER, MAINT.
- INSTALL 8" 45° CLASS 350 DI BEND, MAINT.
- INSTALL THRUST BLOCK PER RCSD STD. DWG. NO. G40
- INSTALL 1" AIR VALVE PER RCSD STD. DWG. NO. W1070
- INSTALL RESTRAINED 180° REFLECTOR COUPLING
- INSTALL 8" 22.5° CLASS 350 DI BEND, MAINT.
- RESTRAIN JOINTS WITHIN LIMITS SHOWN IN PROFILE AND DETAIL ON SHEET 3
- INSTALL 11" 22.5° CLASS 350 DI BEND, MAINT.
- INSTALL 8" 22.5° CLASS 350 DI BEND, MAINT.



STA 26+81.38 CONNECTION DETAIL

HOT TO SCALE

CONTRACTOR SHALL VERIFY EXISTING LOCATION AND INVERT ELEVATION PRIOR TO CONSTRUCTION

NOTE:

"RESTRAINED JOINTS SHALL BE PROVIDED BY A CLAMPING RING AND AN ADDITIONAL RING DESIGNED TO SEAT ON THE BELL END OF THE PIPE. THE RINGS SHALL BE CONNECTED WITH T-HOLD BOLTS OR RODS. RESTRAINING DEVICES SHALL PROVIDE FULL (360 DEGREE) SUPPORT AROUND THE CIRCUMFERENCE OF THE PIPE. NO POINT LOADING SHALL BE PERMITTED. RESTRAINT OF MECHANICAL JOINT FITTINGS SHALL BE PROVIDED BY A CLAMPING RING INSTALLED ON THE PVC PIPE AND CONNECTED TO THE MECHANICAL JOINT FITTING WITH T-HOLD BOLTS OR RODS. RESTRAINING DEVICES SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM F-1874. RESTRAINING DEVICES SHALL BE UNIFLANGE SERIES 1300, STAR PIPE PRODUCTS SERIES 1000, EBAN IRON SERIES 1550, OR EBAN SERIES 2000/PV OR APPROVED EQUAL.

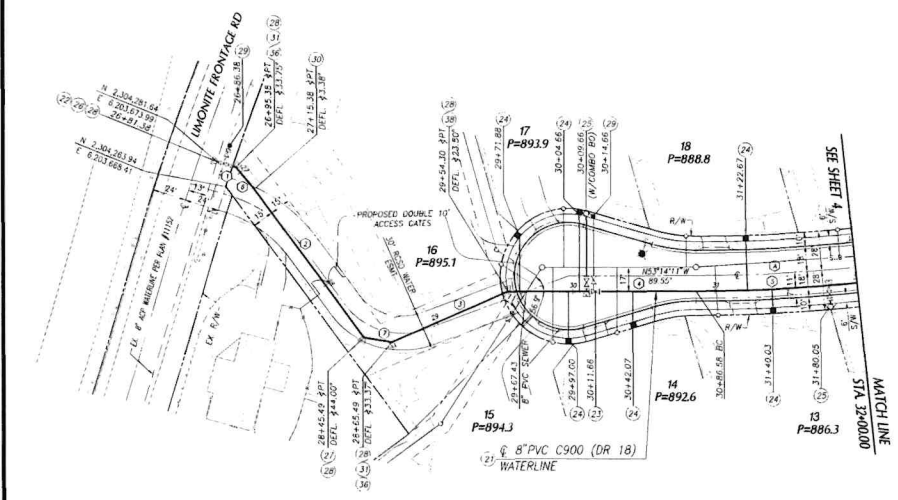
ALL BURIED STEEL PARTS SHALL BE SAND BLENDED IN ACCORDANCE WITH THE COATING MANUFACTURER'S TECHNICAL DATA SHEET FOR "SUPERBOND" SERVICE AND COATED WITH A TWO COAT EPOXY. EPOXY SHALL BE INEMAC SERIES 88 OR EQUAL. ALL BOLTS AND THE ROD MATERIALS SHALL BE EITHER HIGH STRENGTH CAST IRON CONTAINING A MINIMUM OF 0.2% COPPER OR HIGH-STRENGTH, LOW ALLOY STEEL, AS SPECIFIED IN ANNA C-111 FOR BURIED MECHANICAL JOINTS.

WATER DATA TABLE

BEARING/Delta	RADIUS	LENGTH	TANGENT
(1) S 69°14'24" W	112.00'	-	-
(2) N 00°37'46" E	130.11'	-	-
(3) S 70°44'11" W	88.91'	-	-
(4) N 53°44'11" W	132.28'	-	-
(5) 05°50'58"	1111.00'	113.43'	56.76'
(6) N 02°45'15" W	-	20.00'	-
(7) N 43°22'14" W	-	20.00'	-

STREET DATA TABLE

BEARING/Delta	RADIUS	LENGTH	TANGENT
(1) 05°50'58"	1120.00'	112.30'	56.20'



"A" STREET

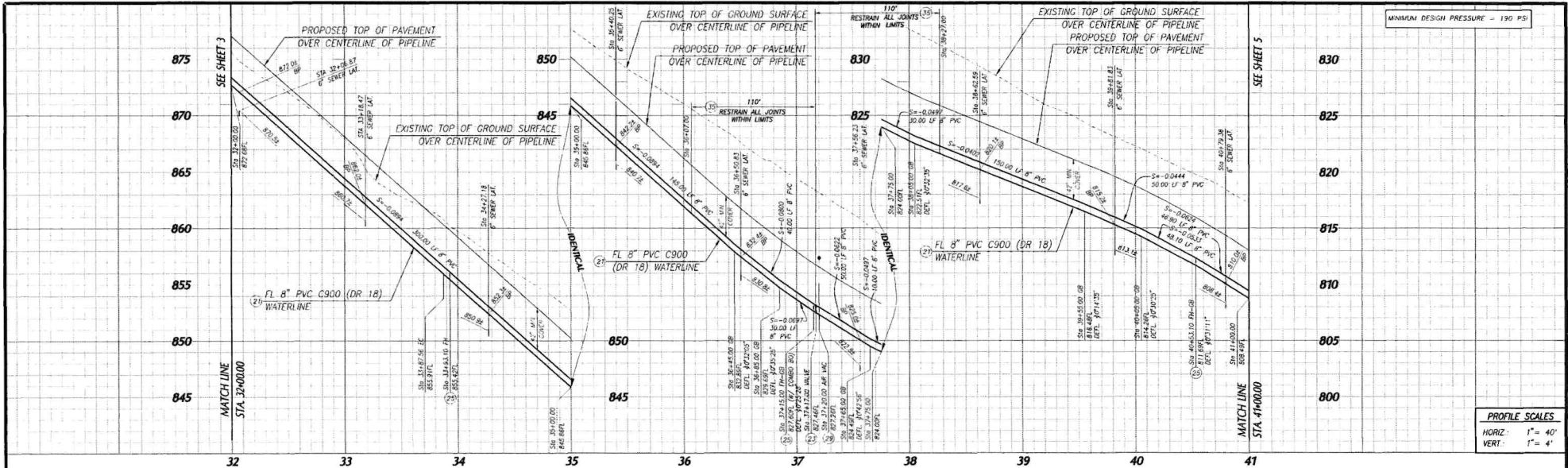
NO WORK SHALL BE DONE ON THIS SHEET UNLESS THE PLAN IS NOTICED BY INTERIOR TO ORANGE COUNTY WATER UTILITIES SERVICE DISTRICT
 Call: TOLL FREE
811
 NO WORKING DAYS BEFORE THE 10:00

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION
 DATE: _____
 APPROVED FOR ONE YEAR FROM THIS DATE

ENGINEER OF RECORD'S SEAL
 HUNSAKER & ASSOCIATES
 IRVINE, CA
 REGISTERED ENGINEER No. _____
 DATE: _____

DESIGN: TS
 DRAWN: TS
 CHECKED: TH

RUBIDOUX COMMUNITY SERVICES DISTRICT
 SHEET 3 OF 9 SHEETS
 TRACT 38171 - COUNTRYSIDE ESTATES
 WATER IMPROVEMENT PLANS
 "A" STREET
 STA. 26+81.38 TO STA. 32+00.00
 RCSD PLAN NO.



MINIMUM DESIGN PRESSURE = 150 PSI

PROFILE SCALES
 HORIZ: 1" = 40'
 VERT: 1" = 4'

WATER CONSTRUCTION NOTES

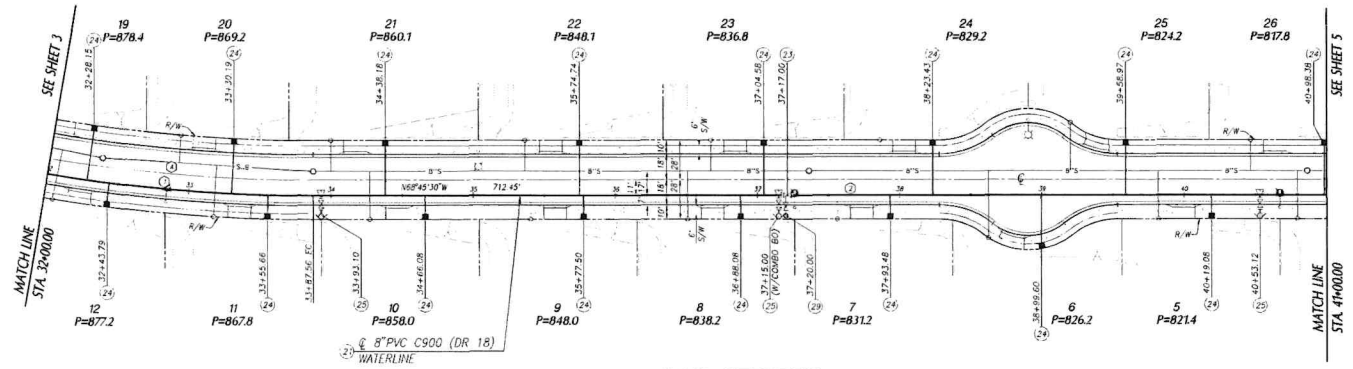
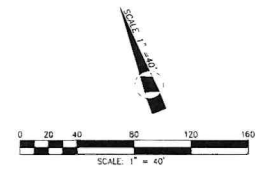
- (21) INSTALL 8" PVC C-900, DR-18 WATER MAIN TRENCH AND BACKFILL PER RCSD STD. DWG. NO. G20
- (22) INSTALL 8" GATE VALVE AND BOX PER RCSD STD. DWG. NO. W1000
- (23) INSTALL 1" WATER SERVICE AND METER PER RCSD STD. DWG. NO. W1150
- (24) INSTALL 6" FIRE HYDRANT ASSEMBLY PER RCSD STD. DWG. NO. W1950
- (25) INSTALL 1" AIR VALVE PER RCSD STD. DWG. NO. W1072
- (26) RESTRAIN JOINTS WITHIN LIMITS SHOWN IN PROFILE AND DETAIL ON SHEET 3

WATER DATA TABLE

NO.	BEARING/Delta	RADIUS	LENGTH	TANGENT
1	02°40'21"	1111.00'	187.55'	94.00'
2	N 68°45'30" W	-	712.45'	-

STREET DATA TABLE

NO.	BEARING/Delta	RADIUS	LENGTH	TANGENT
1	02°40'21"	1100.00'	185.70'	93.00'



"A" STREET

NO WORK SHALL BE DONE ON THIS SHEET UNLESS SPECIFICALLY NOTICED BY INTERSECTION TO DRIVE OR CIRCULATE UNDERGROUND SERVICE ALERT
 811
 CALL TOLL FREE
 NO WORKING DAYS BEFORE YOU DIG

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DATE _____
 APPROVED FOR ONE YEAR FROM THIS DATE

DATE	BY	REVISION

ENGINEER OF RECORD'S SEAL



HUNSAKER & ASSOCIATES
 IRVINE, INC.
 PLANNING • ENGINEERING • SURVEYING
 10000 N. Highway 100, Suite 100 • St. Louis, MO 63121 • (314) 993-8400

APPROVED BY: _____
 REGISTERED ENGINEER No. _____ DATE _____

SCALE: V: 1" = 8'
 H: 1" = 40'

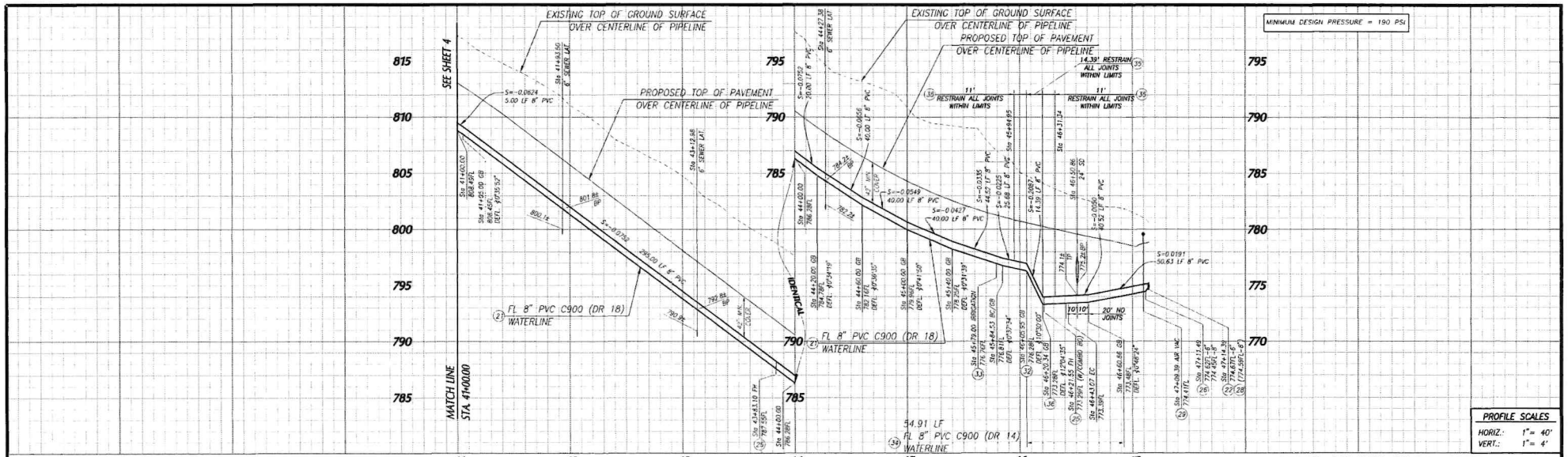
TREND BOOK
 DESIGN: TS
 DRAWN: TS
 CHECKED: TH

RUBIDOUX COMMUNITY SERVICES DISTRICT

TRACT 38171 - COUNTRYSIDE ESTATES
 WATER IMPROVEMENT PLANS
 "A" STREET
 STA. 32+00.00 TO STA. 41+00.00

SHEET

4
 OF 9 SHEETS
 RCSD PLAN NO.



MINIMUM DESIGN PRESSURE = 190 PSI

PROFILE SCALES
 HORIZ. 1" = 40'
 VERT. 1" = 4'

WATER CONSTRUCTION NOTES

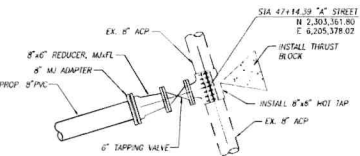
- (21) INSTALL 8" PVC, C-900, DR-18 WATER MAIN, TRENCH AND BACKFILL PER RCSD STD. Dwg. NO. 020
- (22) INSTALL 8"x8" HOI TOP WITH 6" TAPPING VALVE
- (24) INSTALL 1" WATER SERVICE AND METER PER RCSD STD. DWG. NO. #1100
- (25) INSTALL 6" FIRE HYDRANT ASSEMBLY PER RCSD STD. DWG. NO. W1050
- (26) INSTALL 8"x4" CLASS 350 DI ECCENTRIC REDUCER, MANFL
- (28) INSTALL THRUST BLOCK PER RCSD STD. DWG. NO. 040
- (29) INSTALL 1" AIR VALVE PER RCSD STD. DWG. NO. W1070
- (32) INSTALL 1" 11.25" CLASS 350 DI BEND, MANFL
- (33) INSTALL 1" IRRIGATION SERVICE AND METER WITH BACKFLOW PREVENTOR PER RCSD STD. DWG. NO. W1100 AND SW120
- (34) INSTALL 8" PVC, C-900, DR-14 WATER MAIN, TRENCH AND BACKFILL PER RCSD STD. DWG. NO. 020
- (35) RESTRAIN JOINTS WITHIN LIMITS SHOWN IN PROFILE AND DETAIL ON SHEET J
- (36) INSTALL 8" 11.25" CLASS 350 DI BEND, MANFL
- (37) REMOVE EXISTING FIRE HYDRANT AND LATERAL. INSTALL BLIND FLANGE ONTO EXISTING GATE VALVE

STREET DATA TABLE

BEARING/Delta	RADIUS	LENGTH	TANGENT
11°36'24"	300.00'	60.72'	30.45'

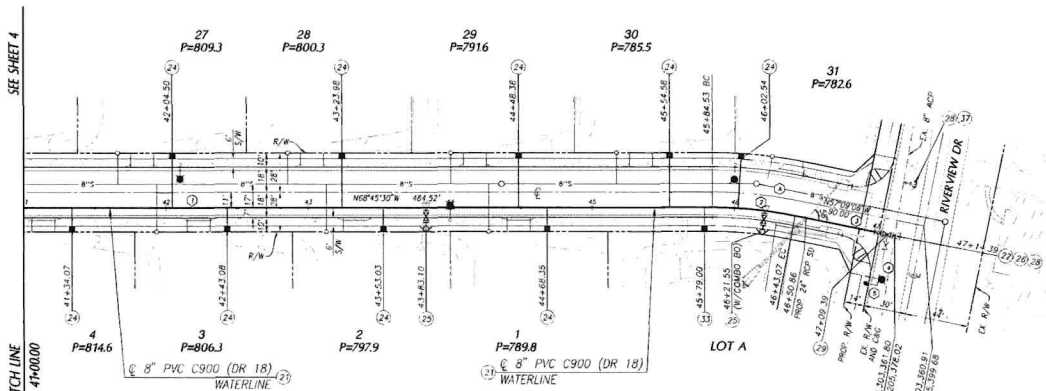
WATER DATA TABLE

BEARING/Delta	RADIUS	LENGTH	TANGENT
N 68°45'30" W	-	484.52'	-
11°36'24"	289.00'	58.54'	29.33'
N 37°09'58" W	-	71.32'	-
N 32°50'54" E	-	37.00'	-
N 37°09'58" W	-	8.32'	-



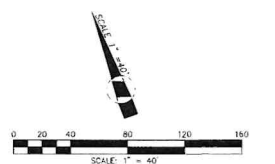
NOTE TO CONTRACTOR:
 PRIOR TO CONSTRUCTION, CONTRACTOR TO COORDINATE WITH RCSD FOR INSPECTION, TESTING AND OTHER CONSTRUCTION REQUIREMENTS FOR CONNECTION TO EXISTING WATER MAIN

STA 47+14.39 CONNECTION DETAIL
 NOT TO SCALE



"A" STREET

CONTRACTOR SHALL VERIFY EXISTING LOCATION AND INVERT ELEVATION PRIOR TO CONSTRUCTION



APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION
 DATE _____
 APPROVED FOR ONE YEAR FROM THIS DATE

DATE	BY	REVISION



HUNSAKER & ASSOCIATES
 IRVINE, INC.
 PLANNING • ENGINEERING • SURVEYING
 10000 Irvine Blvd., Suite 100, Irvine, CA 92618 • 949.453.8888

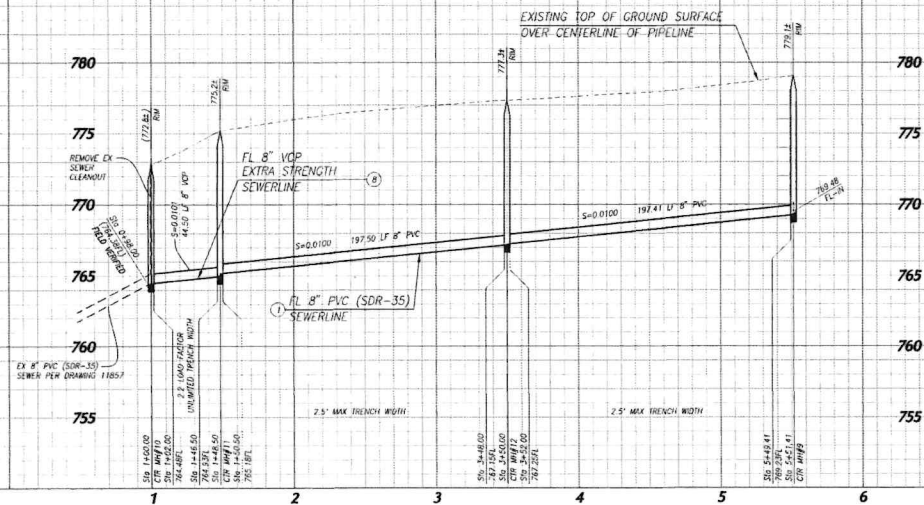
APPROVED BY: _____
 REGISTERED ENGINEER No. _____ DATE _____

SCALE: V: 1" = 40'
 H: 1" = 40'
 FIELD BOOK

DESIGN: TS
 DRAWN: TS
 CHECKED: TH

RUBIDOUX COMMUNITY SERVICES DISTRICT
 TRACT 38171 - COUNTRYSIDE ESTATES
 WATER IMPROVEMENT PLANS
 "A" STREET
 STA. 41+00.00 TO STA. 47+14.39

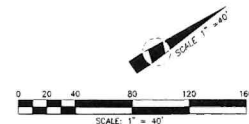
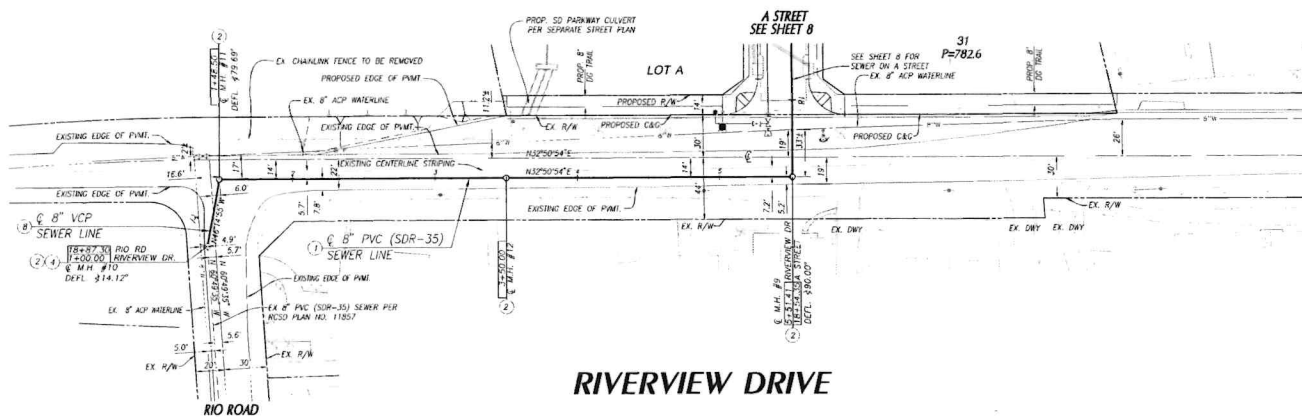
SHEET **5**
 OF 9 SHEETS
 RCSD PLAN NO. _____



PROFILE SCALES	
HORIZ.	1" = 40'
VERT.	1" = 4'

SEWER CONSTRUCTION NOTES

1. INSTALL 8" PVC SDR-35 SEWER MAIN PER RCSD STD. DWG. NO. 220
2. CONSTRUCT 48" DIAMETER SEWER MANHOLE PER RCSD STD. DWG. NO. 220.32
3. REMOVE EXISTING SEWER CLEANOUT AND INTERFERING PORTIONS OF EX. 8" SEWER MAIN
4. INSTALL 8" EXTRA STRENGTH VITRIFIED CLAY PIPE WITH COMPRESSION JOINTS PER RCSD STD. DWG. NO. 220.12



NO WORK SHALL BE DONE ON THIS UTILITY UNLESS AGENCY IS NOTIFIED IN WRITING TO BRANCH OF PLANNING
Underground Service Alert
Call TOLL FREE
811
NO WORKING DAYS BEFORE 08:00

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION
DATE _____
APPROVED FOR ONE YEAR FROM THIS DATE

SYM	REVISION	DATE	BY

ENGINEER OF RECORD'S SEAL
NO. 69273
Exp. 06/30/24
S.E.V.11
STATE OF CALIFORNIA

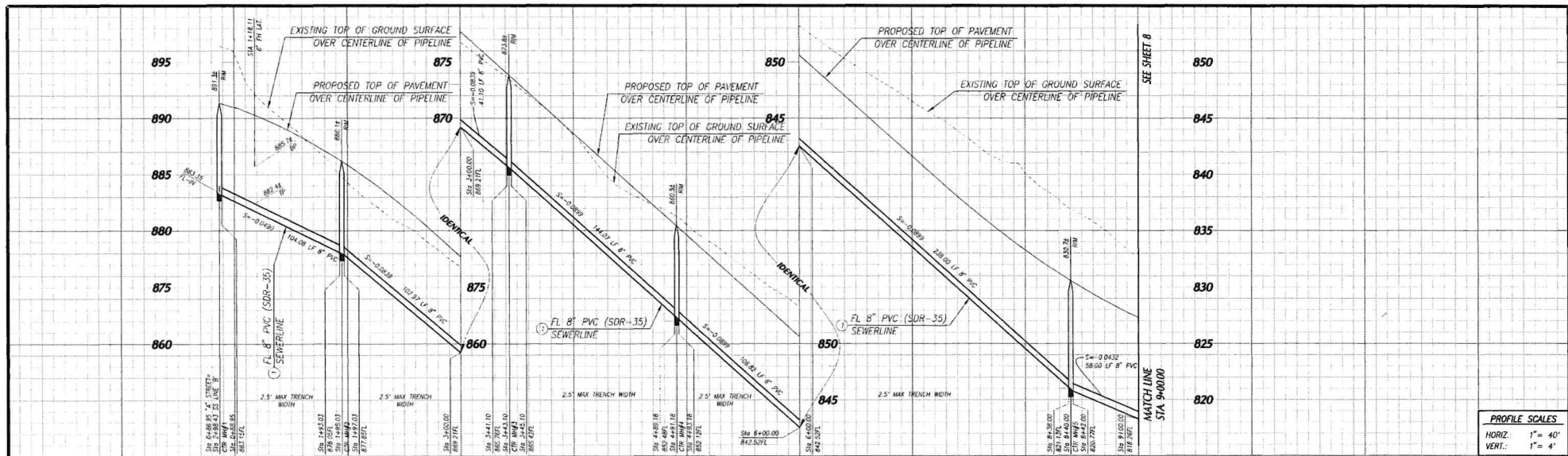
HUNSAKER & ASSOCIATES
RUBIDOUX
PLANNING • ENGINEERING • SURVEYING
10000 N. 10th St. Suite 200
Tomball, TX 77375 • P: 281-294-7971 • F: 281-294-7972

APPROVED BY: _____
REGISTERED ENGINEER No. _____ DATE _____

SCALE: V: 1" = 4'	H: 1" = 40'
FIELD BOOK	
DESIGN	TS
DRAWN	TS
CHECKED	TH

RUBIDOUX COMMUNITY SERVICES DISTRICT
TRACT 38171 - COUNTRYSIDE ESTATES
SEWER IMPROVEMENT PLANS
RIVERVIEW DRIVE
STA. 1+00.00 TO STA. 5+51.41

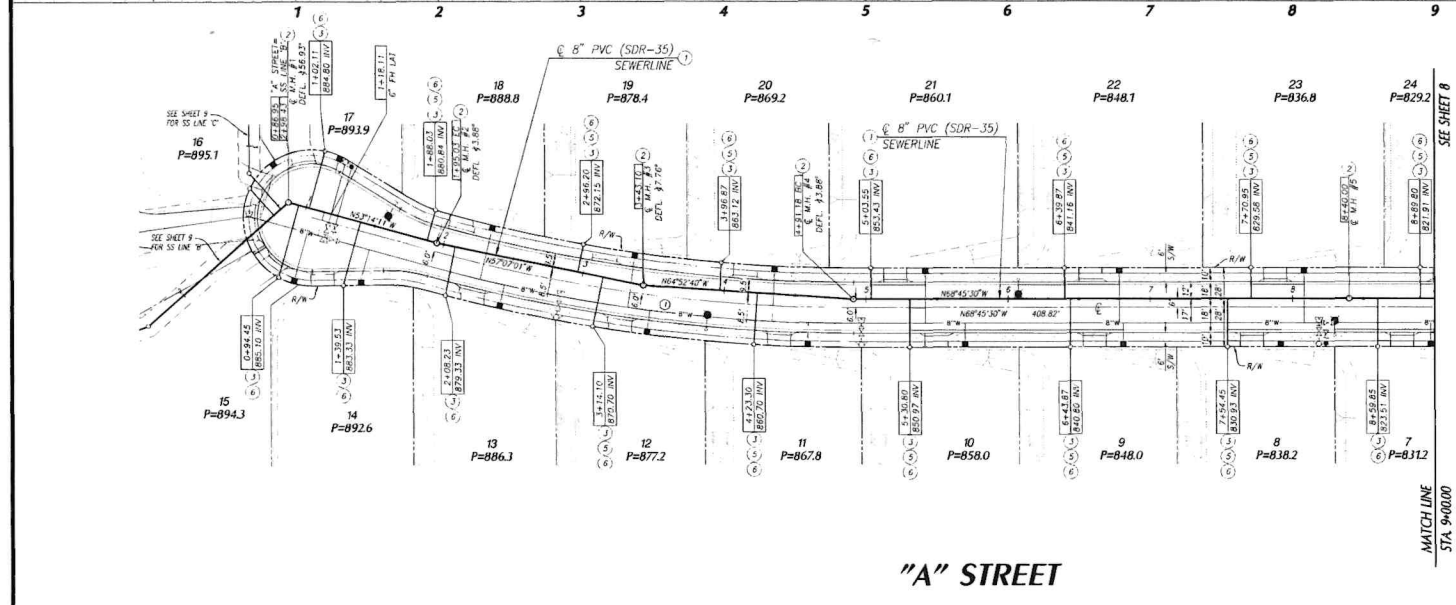
SHEET
6
OF 9 SHEETS
RCSD PLAN NO.



PROFILE SCALES

HORIZ. 1" = 40'

VERT. 1" = 4'

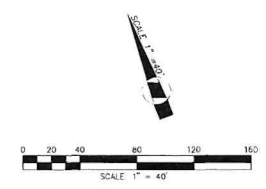


SEWER CONSTRUCTION NOTES

- 1. INSTALL 8" PVC SDR-35 SEWER MAIN PER RCSD STD. DWG. NO. G20
- 2. CONSTRUCT 48" EXHAUSTER SEWER MANHOLE PER RCSD STD. DWG. NO. S2030
- 3. INSTALL 8" PVC SDR-35 SEWER LATERAL PER RCSD STD. DWG. NO. S2080
- 4. INSTALL BACKWATER VALVE PER RCSD STD. DWG. NO. S2110
- 5. INSTALL 6" SEWER CLEANOUT PER RCSD STD. DWG. NO. S2090

STREET DATA TABLE

BEARING/DELTA	RADIUS	LENGTH	TANGENT
N153°11'5"	1160.00'	278.10'	148.92'



"A" STREET

NO WORK SHALL BE DONE ON THIS SITE UNTIL THIS AGENCY IS NOTIFIED OF A VIOLATION TO THESE CITY ORDINANCES
Underground Service Alert
Call TOLL FREE
811
NO WORKING 24/7 AFTER 5:00 PM

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DATE _____
APPROVED FOR ONE YEAR FROM THIS DATE

DATE	BY	REVISION

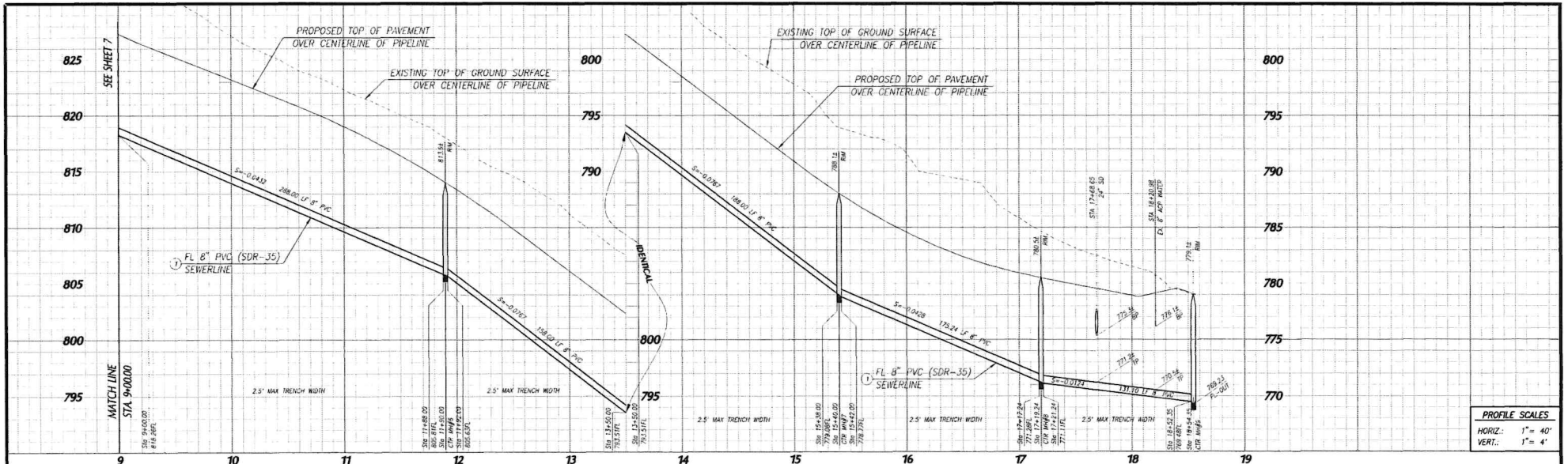
ENGINEER OF RECORD'S SEAL
NO. 69273
Exp. 06/30/24
S-1111
STATE OF CALIFORNIA

HUNSAKER & ASSOCIATES
ENGINEERING
PLANNING • RECORDING • SURVEYING
Newspaper • San Jose • San Francisco • San Diego • San Bernardino
APPROVED BY _____
REGISTERED ENGINEER No. _____ DATE _____

SCALE: V.C. 1" = 40'
H.C. 1" = 40'
FIELD BOOK _____
DESIGN: TS _____
DRAWN: TS _____
CHECKED: TH _____

RUBIDOUX COMMUNITY SERVICES DISTRICT
TRACT 38171 - COUNTRYSIDE ESTATES
SEWER IMPROVEMENT PLANS
"A" STREET
STA. 1+00.00 TO STA. 9+00.00

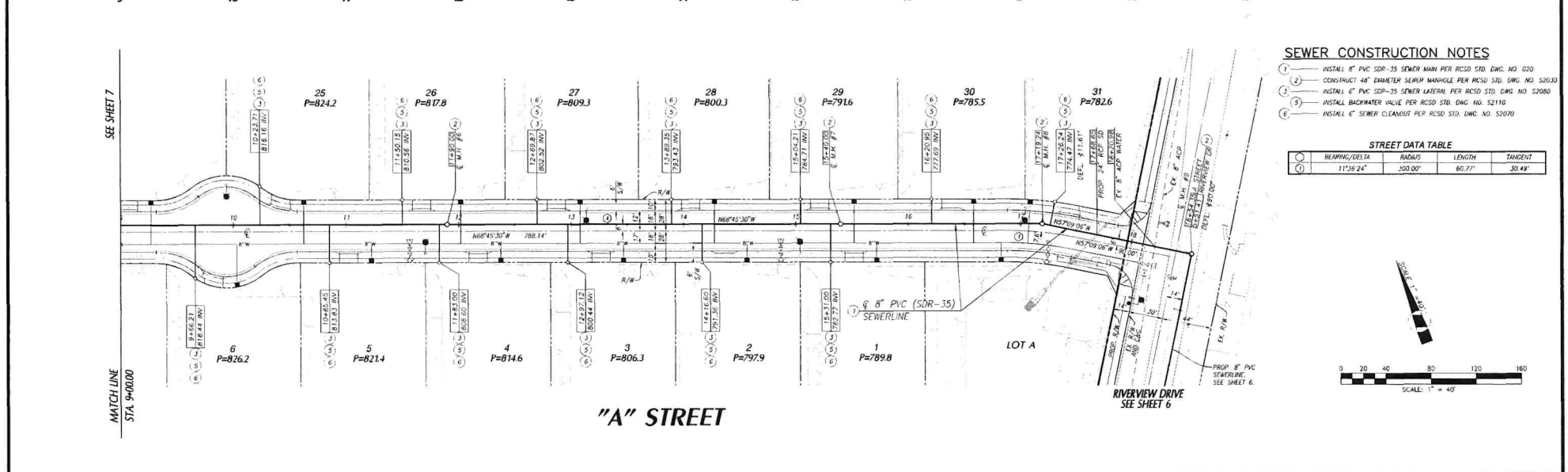
SHEET
7
OF 9 SHEETS
RCSD PLAN NO.



PROFILE SCALES

HORIZ.: 1" = 40'

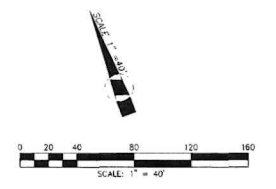
VERT.: 1" = 4'



- SEWER CONSTRUCTION NOTES**
- INSTALL 8" PVC SDR-35 SEWER MAIN PER RCSD STD. DWG. NO. 020
 - CONSTRUCT 48" DIAMETER SEWER MANHOLE PER RCSD STD. DWG. NO. 5203.0
 - INSTALL 6" PVC SDR-35 SEWER LATERAL PER RCSD STD. DWG. NO. 5208.0
 - INSTALL BACKWATER VALVE PER RCSD STD. DWG. NO. 5211.0
 - INSTALL 6" SEWER CLEANOUT PER RCSD STD. DWG. NO. 5209.0

STREET DATA TABLE

BEARING/Delta	RADIUS	LENGTH	TANGENT
11°55'24"	350.00'	60.77'	30.49'



811
Call TOLL FREE
FOR REPORTING DAMAGES TO UNDERGROUND UTILITIES

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION

DATE _____

APPROVED FOR ONE YEAR FROM THIS DATE

DATE	BY	REVISION



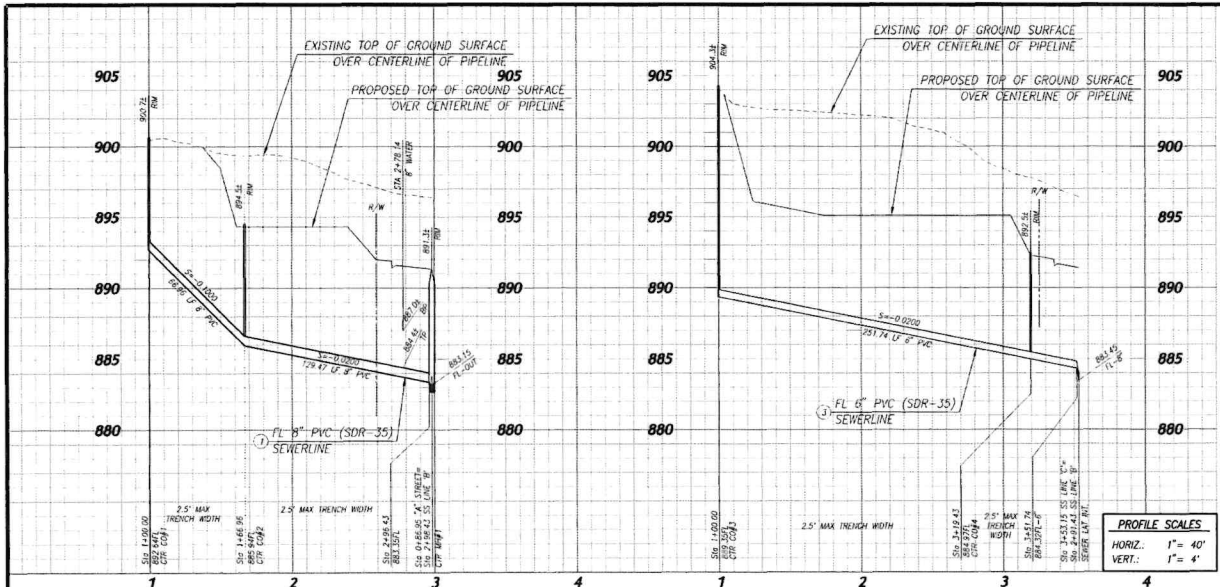
HUNSAKER & ASSOCIATES
ENGINEERS ARCHITECTS
PLANNING ENGINEERING SURVEYING

APPROVED BY _____
REGISTERED ENGINEER No. _____ DATE _____

RUBIDOUX COMMUNITY SERVICES DISTRICT

TRACT 38171 - COUNTRYSIDE ESTATES
SEWER IMPROVEMENT PLANS
"A" STREET
STA. 9+00.00 TO STA. 18+54.35

SHEET **8**
OF 9 SHEETS
RCSD PLAN NO.



SS LINE 'B' PROFILE

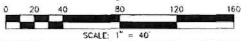
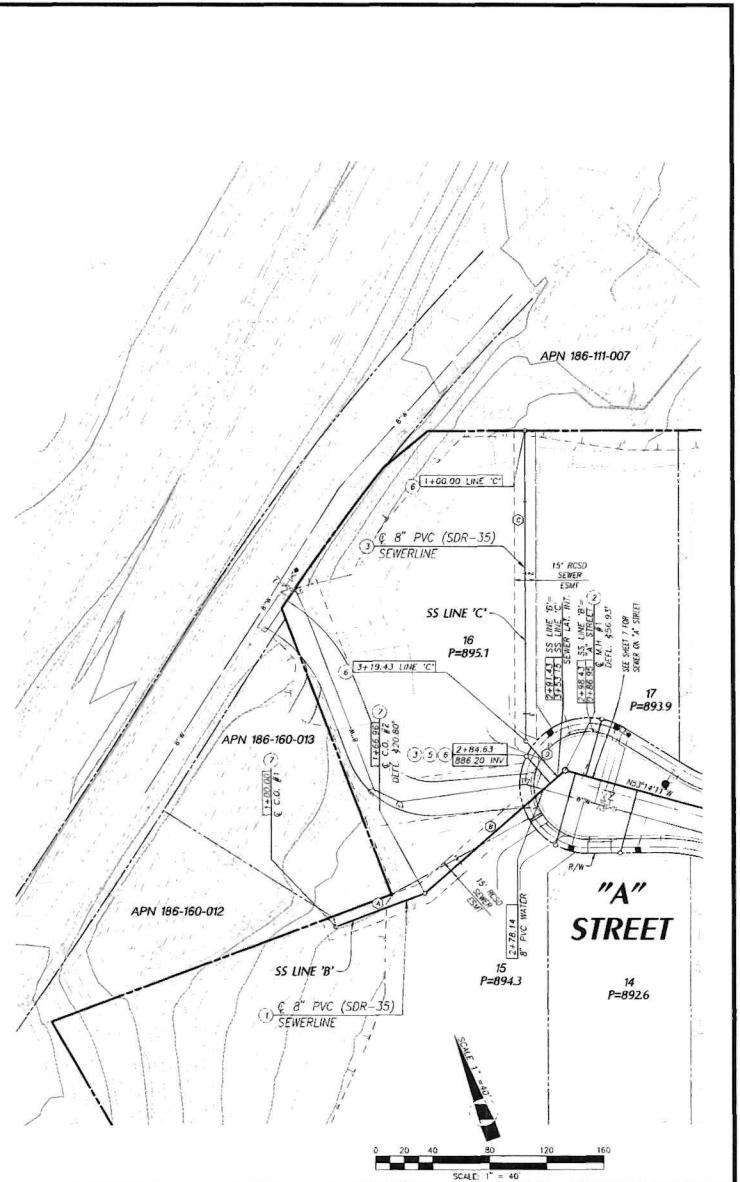
SS LINE 'C' PROFILE

SEWER CONSTRUCTION NOTES

- 1. INSTALL 8" PVC SDR-35 SEWER MAIN PER RCSD STD. DWG. NO. S2030
- 2. CONSTRUCT 48" DIAMETER SEWER MANHOLE PER RCSD STD. DWG. NO. S2030
- 3. INSTALL 6" PVC SDR-35 SEWER LATERAL PER RCSD STD. DWG. NO. S2080
- 4. INSTALL BACKWATER VALVE PER RCSD STD. DWG. NO. S2110
- 5. INSTALL 6" SEWER CLEANOUT PER RCSD STD. DWG. NO. S2070
- 6. INSTALL 8" SEWER CLEANOUT PER RCSD STD. DWG. NO. S2070

SEWER DATA TABLE

NO.	BEARING/Delta	RADIUS	LENGTH	TANGENT
1	N 89°22'14" W	--	66.56'	--
2	N 68°48'49" E	--	131.45'	--
3	N 21°14'30" E	--	219.43'	--
4	N 20°10'11" W	--	33.72'	--



NO WORK SHALL BE DONE ON THIS TRACT UNLESS ADEQUATE PROTECTION OF UNDERGROUND SERVICE LINES IS PROVIDED. CALL 811 BEFORE ANY EXCAVATION TO LOCATE UNDERGROUND SERVICE LINES. CALIF. TOLL FREE 811

APPROVED BY THE RUBIDOUX COMMUNITY SERVICE DISTRICT FOR CONSTRUCTION
DATE _____
APPROVED FOR ONE YEAR FROM THIS DATE

NO.	DATE	BY	REVISION

ENGINEER OF RECORD'S SEAL
NO. 69213
DATE 04/30/24
CIVIL

HUNSAKER & ASSOCIATES
I B O V I N E I N C
PLANNING • ENGINEERING • SURVEYING
1100 N. G ST. SUITE 100 • RIVERSIDE, CA 92507 • PH 951-518-1111 • FX 951-518-1112

APPROVED BY: _____
REGISTERED ENGINEER No. _____ DATE _____

SCALE: VERTICAL 1"=40'
HORIZONTAL 1"=40'
FIELD BOOK
DESIGN: TS
DRAWN: TS
CHECKED: TH

RUBIDOUX COMMUNITY SERVICES DISTRICT
TRACT 38171 - COUNTRYSIDE ESTATES
SEWER IMPROVEMENT PLANS
SS LINE 'B', STA 1+00.00 TO STA 2+98.43
SS LINE 'C', STA 1+00.00 TO STA 3+53.15

SHEET 9 OF 9 SHEETS
RCSD PLAN NO.

8. **ACTION / DISCUSSION ITEMS** (continued)

B. **DM 2024-25:** Consider At-Risk Development Agreement for Tract 37211

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge

General Manager

Brian R. Laddusaw



Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2024-25

March 21, 2024

To: Rubidoux Community Services District
 Board of Directors

Subject: Consider At-Risk Development Agreement for Tract 37211

BACKGROUND:

The Rubidoux Community Services District (“District”) Board of Directors (“Board”) adopted the current Design and Construction Manual (“Manual”) in 2005. This Manual requires in Appendix “F” that the Tract Map for the development be approved by the City of Jurupa Valley (“City”), as successor to the County in 2011 when the City was incorporated, and recorded with Riverside County Recorder’s Office (“County Recorder”).

Within the City and District, a tract of homes is under development by Sequanota Venture LLC, (“Developer”) which is Tract 37211. The project, currently called Sequanota Heights, includes 48 detached single family residential lots and is located west of Pacific Avenue between the State Highway 60 and Canal Street and Opal Street. The Tract Map for this development has not yet been approved by the City and therefore has not yet been recorded with the County Recorder. The Developer desires however to start construction on this project prior to approval and recording of the Tract Map. The City has permitted the Developer to start grading the proposed streets and building pads and the next step in construction is to install the Water and Sewer Pipelines (“Pipelines”).

As the District’s Manual requires the Tract Map be recorded, technically the District cannot allow construction of the Pipelines at this time. Since the Manual is a legally adopted document by the Board, staff considers it appropriate to create an Agreement with the Developer to start construction and to bring the Agreement to the Board for approval before signing the Agreement.

This Agreement is attached to this Director’s Memorandum and includes provisions placing the Developer at their own risk in constructing the Pipelines in that the installation of the Pipelines does not create a vested interest that the Tract Map will be recorded in its present configuration and that if changes are made to the

location of the streets wherein the Pipelines are placed the Developer will have to relocate the Pipelines at their own cost.

Pending Sale and Joinder

The Developer has entered into joint escrow to sell this project to Richmond American Homes of Maryland, Inc. (“Richmond”) whereupon the Developer has agreed to convey Tract 37211 to Richmond upon close of escrow. This is addressed in the recitals of the Agreement and also by a Joinder Signatory Page signed by an appropriate representative of Richmond in the Agreement. When the sale goes through, Richmond will assume all responsibility under the terms of the Agreement as outlined therein and then become the Developer as defined by the Agreement. The Agreement also allows for assignment of the Agreement to another developer if agreed to in writing by the District.

As Richmond will have already agreed to assume the Agreement and will become the Developer by definition and the District agrees to this, a simple assignment will be done by staff with assistance of District General Counsel at the time this happens.

If the escrow does not go through, Sequanota Venture LLC will remain the Developer by definition, remain responsible for the terms of the Agreement and any assignment other than to Richmond will be brought back to the Board for approval to become effective.

Coordination

Staff and District Counsel John Harper have coordinated with Sequanota Venture LLC and Richmond in the development of the attached Agreement and recommend the Board of Directors consider its approval.

RECOMMENDATION:

Staff recommends the Board of Directors consider authorizing the General Manager to sign the agreement titled “AT RISK CONSTRUCTION AGREEMENT WATER AND SEWER SYSTEM IMPROVEMENTS TRACT NO. 37211 (Sequanota Heights)” between the District and Developer(s).

Respectfully,



BRIAN R. LADDUSAW
General Manager

Attachments:

1. AT RISK CONSTRUCTION AGREEMENT WATER AND SEWER SYSTEM IMPROVEMENTS TRACT NO. 37211 (Sequanota Heights) “Agreement” between the District and Developer(s)

**AT RISK CONSTRUCTION AGREEMENT
WATER AND SEWER SYSTEM IMPROVEMENTS**

**TRACT NO. 37211 (Sequanota Heights)
March 21, 2024**

This Reimbursement Agreement Water System Improvements (this “**Agreement**”) is made by and between the Rubidoux Community Services District, a public agency (“**District**”), Sequanota Venture LLC, a Delaware limited liability company (“**Developer**” or “**Sequanota Venture**”) and Richmond American Homes of Maryland, Inc., a Maryland corporation (“**Richmond**”). District and Developer may be collectively referred to herein as “**Parties**” and individually as “**Party**.”

RECITALS

A. **WHEREAS**, Developer proposes the construction of Tract No. 37211, a 48-lot single family residential development (“**Project**”) located in the District’s service area west of Pacific Avenue between the State Highway 60 and Canal Street and Opal Street in the City of Jurupa Valley, California (the “**City**”) as shown in Exhibit A (the “**Tentative Tract Map**”); and,

B. **WHEREAS**, the Developer has obtained entitlement approvals through the City and as part of satisfying conditions of approval set by the City, the Developer must construct water and sewer facilities for ownership acceptance, maintenance and operation by the District for the District to provide water service to the Project; and

C. **WHEREAS**, the District requires Developer to design, bid, and install to District standards, at Developer’s sole cost and expense, certain water and sewer facilities in Streets A, B, C and Canal Street (“**Developer Improvements**”); and

D. **WHEREAS**, in addition to the Developer Improvements, the District has identified certain additional water facilities in Opal Street that if installed contemporaneously with the Developer Improvements would be beneficial to the overall District water system and customers, including future customers in the Project (the “**District Requested Improvements**”); and,

E. **WHEREAS**, the District’s 2005 Design and Construction Manual has been adopted by the District Board of Directors and requires the Tract Map be final, approved by the City and recorded with the County Recorder’s Office before construction of the water and sewer facilities; and

F. **WHEREAS**, the Developer desires to start construction of the water and sewer facilities prior to the Tract Map being final, approved by the City and recorded with the County Recorder’s Office; and,

G. **WHEREAS**, the Developer Improvements and the District Requested Improvements are hereafter jointly referred to as the “**Improvements**” as shown in Exhibit B; and,

H. **WHEREAS**, the Developer agrees to construct the Improvements at its own expense, except for the expense of installing the District Requested Improvements which will be borne by the District under the terms of a separate written agreement; and,

I. **WHEREAS**, the Developer agrees to construct the Improvements at its own risk; and,

J. **WHEREAS**, it is the purpose of this Agreement to establish and memorialize the terms and conditions between the Parties regarding the installation of the Improvements; and,

K. **WHEREAS**, Sequanota Venture and Richmond are parties to that certain Purchase and Sale Agreement and Joint Escrow Instructions dated November 3, 2023 (as may be amended, the “**Purchase Agreement**”) pursuant to which Sequanota Venture has agreed to convey and Richmond has agreed to purchase the Project upon and subject to the terms of the Purchase Agreement; and,

L. **WHEREAS**, the District has requested that Richmond execute this Agreement as the contemplated future owner and developer of the Project and the District and Richmond agree that, upon the conveyance of the Project from Sequanota Venture to Richmond (as evidenced by the recording of a grant deed for the Project from Sequanota Venture to Richmond in the Official Records of Riverside County), Richmond shall be automatically deemed to be the “Developer” for all purposes under this Agreement and Sequanota Venture shall be released from the terms of this Agreement and all rights and obligations hereunder; and,

M. **WHEREAS**, if Sequanota Venture does not convey the Project (as evidenced by the recording of a grant deed for the Project to Richmond in the Official Records of Riverside County) Sequanota Venture will continue to be considered the “Developer” for all purposes under this Agreement and therefore Sequanota Venture shall not be released from the terms of this Agreement and all rights and obligations hereunder.

TERMS

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained the Parties agree to as follows:

1. Incorporation of Recitals

The Recitals are incorporated herein and made an operative part of this Agreement.

2. Construction and Installation of the District Requested Improvements

a. The Developer will construct the Improvements in Exhibit B at its own risk and understands that the construction of the Improvements will not ensure the Tract Map is ever approved by the City and subsequently recorded in the Official Records of the County of Riverside. The Developer also understands that construction of the Improvements does not create a vested right of the Developer in obtaining entitlements or approvals of the Tract Map.

b. Prevailing Wages. Developer is aware of the requirements of Labor Code Sections 1720 et seq. and 1770 et seq., as well as California Code of Regulations, Title 8, Section 16000 et seq. ("**Prevailing Wage Laws**"), which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects. The work being funded by a Community Facilities District and by the Rubidoux Community Services District (i.e.. the District Requested Improvements) involve an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and since the total compensation is \$1,000 or more, Developer shall fully comply with such Prevailing Wage Laws with respect to the Improvements. Developer shall obtain a copy of the prevailing rates of per diem wages at the commencement of the bidding of the Improvements from the website of the Division of Labor Statistics and Research of the Department of Industrial Relations located at www.dir.ca.gov/dlsr/. In the alternative, Developer may view a copy of the prevailing rates of per diem wages at the District Office. Developer shall defend, indemnify, and hold District, its elected officials, officers, employees, and agents free and harmless from any claims, liabilities, costs, penalties, or interest arising out of any failure or alleged failure to comply with the Prevailing Wage Laws with respect to the Improvements constructed by Developer.

3. Inspection and Improvements

a. Without modifying or limiting Developer's obligations under this Agreement, District will inspect and test the Improvements constructed by the Developer. The District will track costs incurred by the District for all expenses associated with inspection and testing of the Improvements. As the work associated with the District Requested Improvements is in the Public Right of Way, the District shall have access to the work site at all times during business hours to conduct tests or inspections. Any deficiencies in the Improvements shall be corrected by the Developer at its sole cost and expense. Upon completion of the Improvements, to the satisfaction of District and once the Tract Map is final, approved by the City and recorded with the Riverside County Recorder's Office, the Improvements shall be presented to the District for acceptance.

b. Acceptance by the District of the Improvements constructed by the Developer shall be conditioned upon performance of the obligations set forth in this Agreement in regard to: (i) approval by District of the construction and installation of Improvements; (ii) lien free completion of construction of the District Requested Improvements; and (iii) acceptance of title to the Improvements by the District by way of

the recordation of the applicable conveyance document in substantially the form set forth in Exhibit C attached hereto and incorporated herein by reference. District will assist Developer to the best of its ability in procuring the property rights necessary to construct, maintain, and operate the Improvements in the public right-of-way including without limitation obtaining appropriate licenses, easement deeds or other conveyances as necessary, but as the Tract Map is not yet final, approved by the City or recorded with the Riverside County Recorder's Office, this may not be feasible and, to the extent not feasible, the portion of the work impacted as such may need to be delayed until the Tract Map is recorded and the necessary access rights are obtained. District confirms that all of the Improvements shall be located within public right-of way once the Tract Map is final, approved by the City and recorded with Riverside County Recorder's Office if the Improvements are located as currently shown on the approved Water and Sewer Plans attached as Exhibit B and if the location of the lots and streets do not change from what is shown in the approved Tentative Tract Map attached as Exhibit A to what is shown in the final Tract Map as approved by the City and recorded with the Riverside County Recorder's Office. Notwithstanding the foregoing, to the extent any private third-party consents are required in order to construct the District Requested Improvements, the District shall be responsible for timely obtaining such consents, at no cost to Developer, and to the extent that any private third-party consents are required in order to construct the Developer Improvements, the Developer shall be responsible for timely obtaining such consents at Developer's expense. Said activities by both Parties shall also be subject to the rights and obligations of the Parties under District rules and regulations as the same may be revised from time to time.

c. Within thirty (30) days after completion of construction of the Improvements and final inspection by District, District shall accept the Improvements as complete, subject to the provisions of this Agreement, provided such Improvements are constructed in accordance with approved District provided plans, specifications, and contract documents, and operates satisfactorily. Upon acceptance of any Improvements, Developer shall assign to District all of Developer's rights and remedies, including warranties, for such improvements as set forth in the approved contract documents. Developer shall be responsible for any accident, loss, or damage to said Improvements prior to acceptance by District. Developer shall require its contractors to warrant all work and materials for the Improvements to be free from all defects due to faulty materials or workmanship for a period of one (1) year from the date of acceptance by District. Upon acceptance of any of Improvements by the District, District shall assume all liability and responsibility for the operation, maintenance, use and ownership of those Improvements.

e. Nothing in this Agreement shall relieve Developer, its subsidiaries, partnerships, or any other entity from the requirement to pay all rates and fees which shall apply to the Project pursuant to the Rules and Regulations as the same may be revised from time to time. Further, nothing in this Agreement shall prevent the Developer from being reimbursed for the cost of the District Requested Improvements from CFD bond proceeds pursuant to the "Joint Community Facilities Agreement by and among Jurupa Park &

Recreation District, Rubidoux Community Services District and Sequanota Heights with Respect to Community Facilities District No. 2021-4" dated August 1, 2023.

4. RESERVED

5. General Provisions

a. Standard of Care and Safety. Developer shall ensure that all work for the District Requested Improvements is performed in a skillful and competent manner, consistent with the standards generally recognized as being employed by professionals and contractors in the same discipline in the State of California. Developer shall procure the services of professionals and contractors skilled in the professional calling necessary to perform the District Requested Improvements work. All employees, contractors and subcontractors shall have all licenses, permits, qualifications and approvals of whatever nature that are legally required to perform such work and all such licenses and approvals shall be maintained throughout the term of their work. Developer shall ensure that it and its consultants and contractors execute and maintain their work to avoid injury or damage to any person or property. In carrying out their work, they shall at all times be in compliance with all applicable local, state, and federal laws, rules and regulations, and shall exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions under which the work is to be performed.

b. Indemnification. Each Party hereby agrees to indemnify, defend, save, and hold harmless the other Party and their respective officers, agents, servants, and employees, of and from any liabilities, claims, demands, suits, action, and cause of action to the extent arising out of or in any manner connected with any act or omission of such indemnifying Party, performed in connection with such Party's duties and obligations hereunder.

c. Successors and Assigns. This Agreement shall inure to the benefit of and be binding on each of the Parties and their successors and assigns. Pursuant to Recital L of this Agreement, the Parties agree that upon the conveyance of the Project from Sequanota Venture to Richmond (as evidenced by the recording of a grant deed for the Project from Sequanota Venture to Richmond in the Official Records of Riverside County), Richmond shall be automatically deemed to be the "Developer" for all purposes under this Agreement and Sequanota Venture shall be released from the terms of this Agreement and all rights and obligations hereunder. Except as set forth in the prior sentence, this Agreement shall not be assigned by Developer without the prior written consent of District, which consent shall not be unreasonably withheld, conditioned or delayed; provided, however, District's failure to disapprove of a proposed assignee in writing (any such disapproval shall specify the reasonable basis for such disapproval) within ten (10) days following written request for approval shall be deemed District's approval of and consent to such assignment as required hereunder. Without limiting the foregoing, it shall be unreasonable for District to withhold consent so long as the proposed assignee has the financial resources to undertake the work contemplated in this Agreement. District's consent hereunder does not require approval by the District's

board. In the event of such an assignment, the assignees shall agree to be bound by all terms and conditions of this Agreement which accrue from and after the date of said assignment and may be required by District to enter into an assignment or other contractual arrangement to reasonably document said obligations.

d. Effective Date of Agreement. The Effective Date of this Agreement is the date last signed by the Parties.

e. Term and Termination. This Agreement shall expire upon completion of performance of this Agreement by both Parties. In the event either Party defaults in the performance of any of its obligations under this Agreement, the other Party shall have all rights and remedies available to them under the law, including without limitation, the right to terminate this Agreement upon written notice to the defaulting Party; provided, however, in the event a party seeks damages, it shall recover only actual damages (but not any consequential, incidental or punitive damages), and each party expressly waives its rights to receive consequential, incidental or punitive damages under this Agreement.

f. Notices. All notices permitted or required under this Agreement shall be deemed made when delivered to the applicable Party's representative as provided in this Agreement. Such notices shall be mailed or otherwise delivered to the addresses set forth below, or at such other addresses as the respective Parties may provide in writing for this purpose:

Rubidoux Community Services District

Rubidoux Community Services District
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509
Attention: General Manager
Brian Laddusaw

Sequanota Venture

Sequanota Venture LLC
c/o JPMB Investments, LLC
556 S. Fair Oaks Ave. #337
Pasadena, CA 91105
Attn: Paul Onufer

Richmond

Richmond American Homes of Maryland
391 N. Main Street
Suite 205
Corona, CA 92880
Attention: Alex Wong and Frank Sotelo

Such notice shall be deemed made when personally delivered or when mailed, forty-eight (48) hours after deposit in the U.S. Mail, certified mail, return receipt requested, to the party at its applicable address.

g. Attorneys' Fees. In the event any action is commenced to enforce or interpret any term or condition of this Agreement, in addition to costs and any other relief, the prevailing Party shall be entitled to its reasonable attorneys' fees, expert fees and other reasonable costs of defense.

h. Entire Agreement; Amendment. This Agreement contains the entire agreement of the Parties hereto with respect to the matters contained herein, and supersedes all negotiations, prior discussions and preliminary agreements or understandings, written or oral. No waiver or modification of this Agreement shall be binding unless consented to by both Parties in writing.

i. Waiver. No waiver of any default shall constitute a waiver of any other default or breach, whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.

j. Invalidity and Severability. If any portion of this Agreement is declared invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions shall continue in full force and effect.

k. Governing Law. This Agreement shall be governed by the laws of the State of California. Venue shall be in Riverside County.

l. Labor Certification. By its signature hereunder, Developer certifies that it is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code. Developer agrees to comply with such provisions and to require its consultants and contractors to comply with such provisions before commencing any work.

m. Authority to Enter into Agreement. The Parties warrant they have all requisite power and authority to execute and perform this Agreement. Each person

executing this Agreement on behalf of their Party warrants they have the legal power, right, and authority to make this Agreement and bind their respective party.

n. Counterparts. This Agreement may be signed in counterparts, each of which shall constitute an original.

o. Insurance. For the period during which Developer or its contractor(s) controls the job site, Developer will require that the contractor provide, for the entire period of construction, a policy of Workers' Compensation Insurance and Commercial General Liability Insurance with coverage broad enough to include the contractual obligation it may have under the construction contract and having a combined single limit of liability in the amount of \$2,000,000 covering District's officers, employees and agents as additional insureds.

[SIGNATURES APPEAR ON THE FOLLOWING PAGES]

IN WITNESS WHEREOF, the Parties hereto have executed this Reimbursement Agreement effective as of the last date indicated below.

RUBIDOUX COMMUNITY SERVICES DISTRICT

Brian Laddusaw
Its: General Manager
Date: _____

DEVELOPER

**SEQUANOTA VENTURE LLC,
a Delaware limited liability company**

By: Sequanota Partners LP,
a California limited partnership, its Sole Member

By: JPMB Investments LLC,
a Delaware limited liability company,
its General Partner

By: _____
Paul Onufer, Managing Member
Date: _____

JOINDER

Pursuant to Recitals K and L of this Agreement, the District has requested that Richmond execute this Agreement as the contemplated future owner and developer of the Project. Accordingly, Richmond hereby agrees that, upon the conveyance of the Project from Sequanota Venture to Richmond pursuant to the terms of the Purchase Agreement (as evidenced by the recording of a grant deed for the Project from Sequanota Venture to Richmond in the Official Records of Riverside County), Richmond agrees to be bound by the terms set forth in this Agreement as the "Developer" hereunder.

RICHMOND AMERICAN HOMES OF MARYLAND, INC.,
a Maryland corporation

By: _____
Name: _____
Title: _____
Date: _____

EXHIBIT A

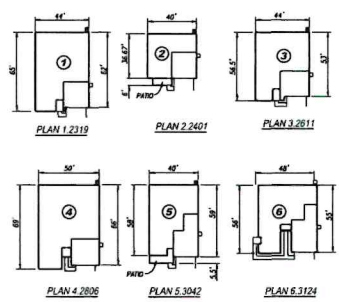
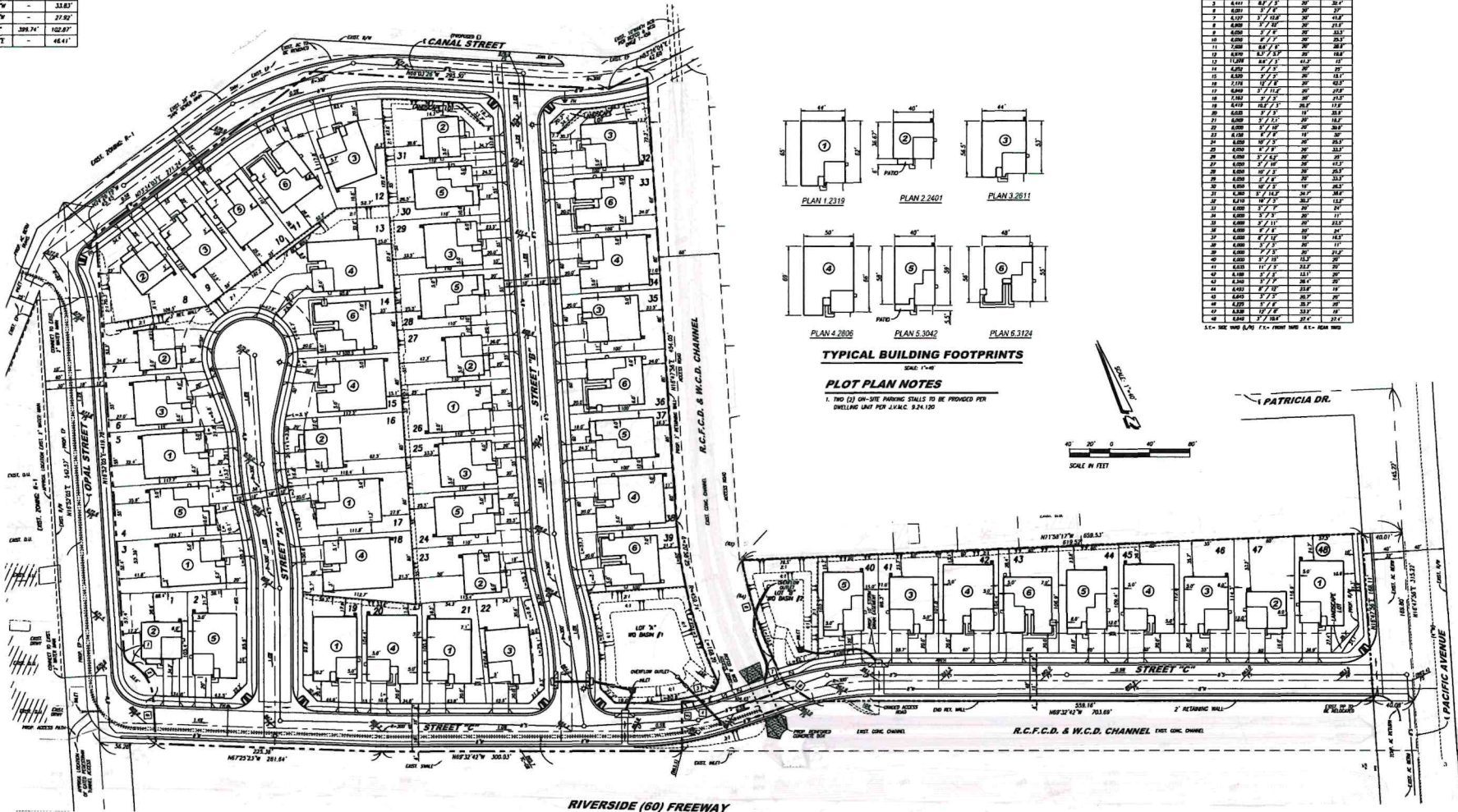
Tentative Tract Map 37211

DEVELOPMENT PLAN FOR TENTATIVE TRACT NO. 37211 CITY OF JURUPA VALLEY, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

NO.	REVISIONS

NO.	BEARING/DELTA	RADIUS	LENGTH
1	S70°12' 13.00"	14.84'	14.84'
2	S70°12' 42.00"	41.60'	41.60'
3	N49°18'00" E	21.00'	21.00'
4	N67°32'42" W	26.41'	26.41'
5	N02°22'46" E	30.00'	30.00'
6	N37°04'25" W	33.83'	33.83'
7	N03°59'44" W	27.92'	27.92'
8	S44°33' 399.74'	102.87'	102.87'
9	N16°32'00" E	46.41'	46.41'

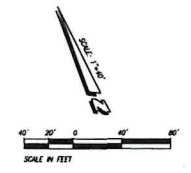
LOT NO.	AREA (SQ. FT.)	S.I. SETBACK	C.T. SETBACK	R.T. SETBACK
1	4,000	7' 7 1/2"	20'	20'
2	4,100	7' 7 1/2"	20'	21 1/2'
3	4,200	7' 7 1/2"	20'	21 1/2'
4	4,300	7' 7 1/2"	20'	21 1/2'
5	4,400	7' 7 1/2"	20'	21 1/2'
6	4,500	7' 7 1/2"	20'	21 1/2'
7	4,600	7' 7 1/2"	20'	21 1/2'
8	4,700	7' 7 1/2"	20'	21 1/2'
9	4,800	7' 7 1/2"	20'	21 1/2'
10	4,900	7' 7 1/2"	20'	21 1/2'
11	5,000	7' 7 1/2"	20'	21 1/2'
12	5,100	7' 7 1/2"	20'	21 1/2'
13	5,200	7' 7 1/2"	20'	21 1/2'
14	5,300	7' 7 1/2"	20'	21 1/2'
15	5,400	7' 7 1/2"	20'	21 1/2'
16	5,500	7' 7 1/2"	20'	21 1/2'
17	5,600	7' 7 1/2"	20'	21 1/2'
18	5,700	7' 7 1/2"	20'	21 1/2'
19	5,800	7' 7 1/2"	20'	21 1/2'
20	5,900	7' 7 1/2"	20'	21 1/2'
21	6,000	7' 7 1/2"	20'	21 1/2'
22	6,100	7' 7 1/2"	20'	21 1/2'
23	6,200	7' 7 1/2"	20'	21 1/2'
24	6,300	7' 7 1/2"	20'	21 1/2'
25	6,400	7' 7 1/2"	20'	21 1/2'
26	6,500	7' 7 1/2"	20'	21 1/2'
27	6,600	7' 7 1/2"	20'	21 1/2'
28	6,700	7' 7 1/2"	20'	21 1/2'
29	6,800	7' 7 1/2"	20'	21 1/2'
30	6,900	7' 7 1/2"	20'	21 1/2'
31	7,000	7' 7 1/2"	20'	21 1/2'
32	7,100	7' 7 1/2"	20'	21 1/2'
33	7,200	7' 7 1/2"	20'	21 1/2'
34	7,300	7' 7 1/2"	20'	21 1/2'
35	7,400	7' 7 1/2"	20'	21 1/2'
36	7,500	7' 7 1/2"	20'	21 1/2'
37	7,600	7' 7 1/2"	20'	21 1/2'
38	7,700	7' 7 1/2"	20'	21 1/2'
39	7,800	7' 7 1/2"	20'	21 1/2'
40	7,900	7' 7 1/2"	20'	21 1/2'
41	8,000	7' 7 1/2"	20'	21 1/2'
42	8,100	7' 7 1/2"	20'	21 1/2'
43	8,200	7' 7 1/2"	20'	21 1/2'
44	8,300	7' 7 1/2"	20'	21 1/2'
45	8,400	7' 7 1/2"	20'	21 1/2'
46	8,500	7' 7 1/2"	20'	21 1/2'
47	8,600	7' 7 1/2"	20'	21 1/2'
48	8,700	7' 7 1/2"	20'	21 1/2'
49	8,800	7' 7 1/2"	20'	21 1/2'
50	8,900	7' 7 1/2"	20'	21 1/2'



TYPICAL BUILDING FOOTPRINTS
SCALE: 1"=40'

PLOT PLAN NOTES

1. TWO (2) ON-SITE PARKING STALLS TO BE PROVIDED PER DWELLING UNIT PER L.V.M.C. 9.24.120



LEGEND:

CL	CONTRACT	IC	TOP OF CURB
EXT	EXTENSION	FD	FINISHED DRIVE
CS	CORNER AND CENTER	TR	TOP OF RAIL
CS	CORNER BOUND	SP	SPRINKLER
HP	HIGH POINT	HP	HIGH POINT
LP	LOW POINT	PL	PROPERTY LINE
FL	FLOORING	LP	LOW POINT
EP	EDGE OF PAVEMENT	CS	CORNER BOUND
SM	SHOULDER MARK	RL	RAILROAD TRACK LINE
PROP.	PROPOSED	←	TRUCK TURNING
PA	PAVEMENT	→	STREET LIGHT

---	PROPOSED	---	PROPOSED
---	EXISTING	---	EXISTING
---	PROPOSED	---	PROPOSED
---	EXISTING	---	EXISTING

PREPARED BY (CIVIL ENGINEER)
**PROACTIVE ENGINEERING
CONSULTANTS WEST, INC.**
25109 JEFFERSON AVE. SUITE 200
MIRAMONTE, CA 92562
951-200-6840

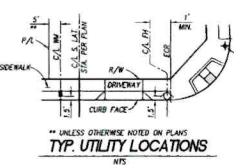
PREPARED FOR (APPLICANT):
SEQUANOTA PARTNERS, LP
358 S. FAIR OAKS AVENUE #337
PASADENA, CA 91105
PHONE: (626)283-4208 FAX: (626)992-4003
CONTACT: PAUL GUNTER

EXHIBIT B

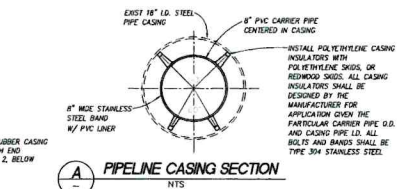
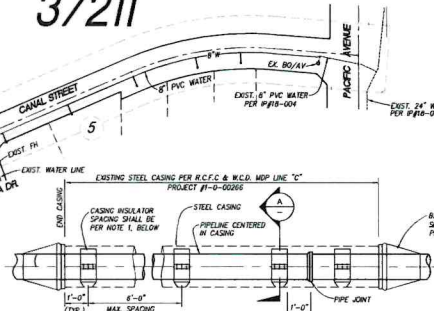
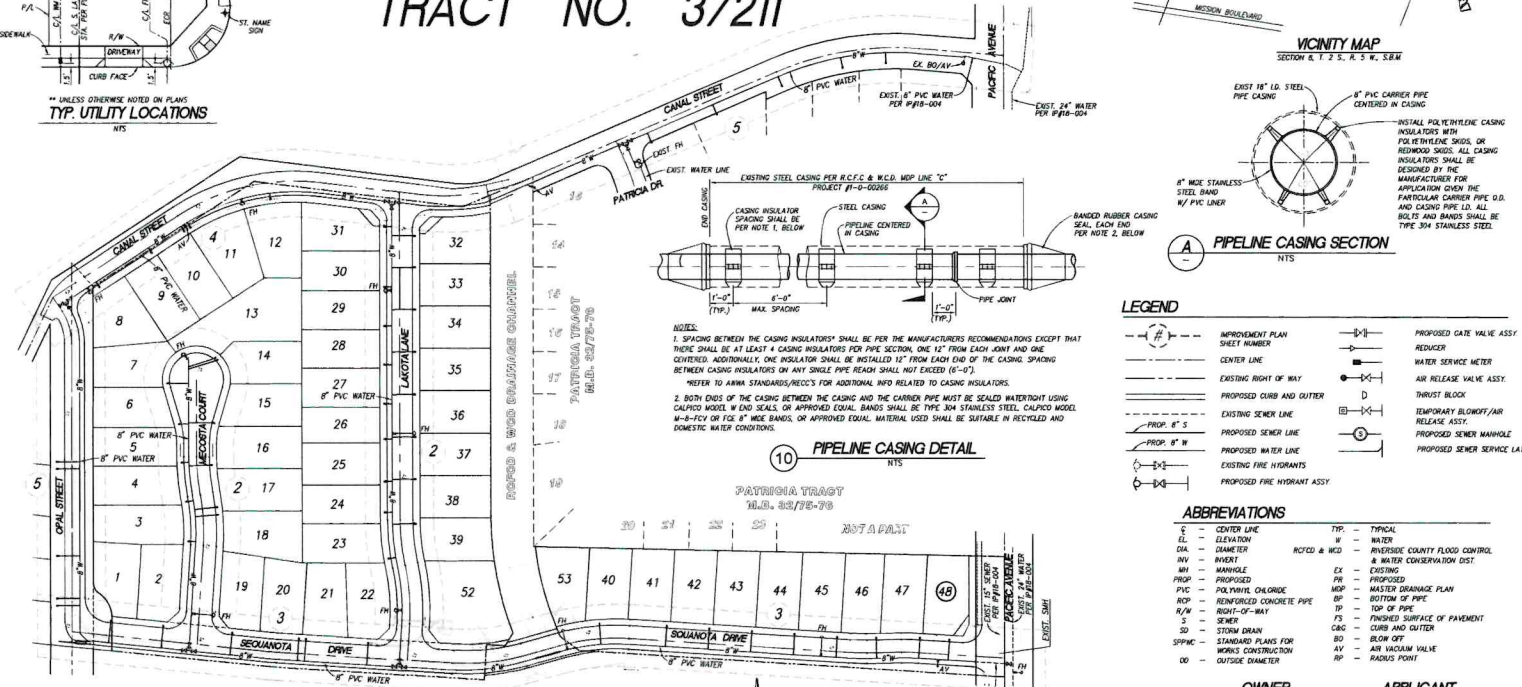
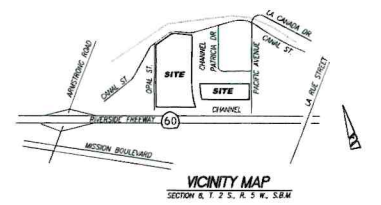
Approved Water and Sewer Plans

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF THE RUBIDOUX COMMUNITY SERVICES DISTRICT (RCS) FOR WATER AND SANITARY SEWER FACILITIES.
2. WATER SYSTEM SHALL BE CONSTRUCTED BY THE DEVELOPER FOR CONNECTION TO THE RCS. CONSTRUCTION MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH RCS STANDARDS. THE INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF A. PUBLIC WORKS AGENCY JURISDICTION AND THE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS. FAILURE TO MEET THESE REQUIREMENTS WILL BE CAUSE FOR REJECTION.
3. CONSTRUCTION OF THE WATER SYSTEM SHALL NOT COMMENCE UNTIL A FINAL MAP HAS BEEN RECORDED BY RIVERSIDE COUNTY AND THE DEVELOPER ENGINEER HAS CERTIFIED THAT ALL STREETS ARE CONSTRUCTED TO FINAL GRADE. MATERIALS SHALL BE INSTALLED AFTER CONSTRUCTION OF CURB & GUTTER, STORM DRAIN AND PRIOR TO THE PLACEMENT OF CROSS-GUTTERS, SPANDRILLS, AND FINISH.
4. PIPE FITTINGS, VALVES AND APPURTENANCES SHALL BE OF THE PIPE PRESSURE CLASS (DOT # W.P. CLASS) SHOWN ON THE PROFILE OF THESE PIPES. INSIDE CORNER FITTINGS SHALL NOT BE ALLOWED. MINIMUM COVER OVER PIPE SHALL BE 42 INCHES. WHEN THE WATERLINE ENCOUNTERS AN OBSTRUCTION AND CROSSING OVER THE OBSTRUCTION WILL RESULT IN LESS THAN 42 INCHES OF COVER OVER THE WATERLINE, THE WATERLINE SHALL CROSS UNDER THE OBSTRUCTION (MIN. 12 INCHES CLEARANCE). CONTRACTOR SHALL PROVIDE TRENCH PROTECTION AND PROTECT ALL EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING. OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 500 FEET ALONG ROAD RIGHT OF WAY AND SHALL BE BACKFILLED AND COMPACTED AT THE CONCLUSION OF EACH DAY.
5. ALL TRENCHES SHALL BE COMPACTED TO THE GREATER OF 90% RELATIVE DENSITY, EQUIVALENT TO THE SURROUNDING GROUND, OR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION, WHICHEVER IS MORE STRINGENT.
6. DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHALL BE DETERMINED BY THE CONTRACTOR BY TRENCHING PRIOR TO TRENCHING. THE CONTRACTOR SHALL ALSO CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
7. WHERE THE WATER MAIN CROSSES STREET LIGHTS, OTHER PIPELINES, TELEPHONE AND ELECTRIC CABLES, OR CABLE INSTALLATIONS, A MINIMUM OF 12 INCHES OF CLEARANCE SHALL BE PROVIDED BETWEEN THE MAIN AND OTHER INSTALLATIONS. SEPARATION OF THE WATER AND SEWER LINES MUST COMPLY WITH THE RIVERSIDE COUNTY HEALTH DEPARTMENT STANDARDS AS SHOWN ON RIVERSIDE COUNTY STANDARD PLAN 809 AND RCS STANDARD DRAWING WATER AND SEWER SHALL MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH.
8. CONNECTIONS TO EXISTING UNDERGROUND FACILITIES SHALL BE BY ACCORDANCE WITH STANDARD RCS PROCEDURES AND SHALL NOT BE ACCOMPLISHED UNLESS AN RCS INSPECTOR IS PRESENT ON SITE.
9. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR CONTRACTOR TO APPLY TO THE RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT, POINT SECTOR FOR AN ENCROACHMENT PERMIT. FOR ALL WORK ON EXISTING COUNTY MAINTENANCE.
10. ALL SERVICE LATERALS SHALL BE LOCATED AT RIGHT ANGLES TO THE MAIN UNLESS OTHERWISE INDICATED ON THE PLANS AND APPROVED BY THE RCS.
11. PIPE SHALL BE HANDLED SO AS TO PROTECT THE PIPE AT ALL TIMES AND SHALL BE CAREFULLY BEGGED TO PREVENT CONTAMINATION AND NOT EXPOSED TO UNNECESSARY DAMAGE. PIPE ENDS SHALL BE PROTECTED AGAINST FLOODING AT ALL TIMES. OPEN ENDS SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
12. PIPE JOINTS SHALL NOT BE DEFLECTED AT ANY ANGLE GREATER THAN THE MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER. ALL WELDED JOINTS SHALL BE PROTECTED FROM WEATHER. TAPS ON PIPELINE SHALL BE INSTALLED PER DISTRICT STANDARDS AND AS APPROVED IN THE FIELD BY THE RCS INSPECTOR. CONNECTIONS TO EXISTING RISES PERMITTED SHALL NOT BE MADE UNLESS UNLESS AN RCS INSPECTOR IS PRESENT ON SITE. ALL TAPS MUST BE MADE TO THE CONNECTION AT THE DEVELOPER'S EXPENSE. CONTRACTOR TO FIELD VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES PRIOR TO CONNECTION.
13. TEST PRESSURE SHALL BE 150% OF PIPE CLASS RATING (E.G. 150 = 225 PSI TEST). SHALL BE UNDER CONTINUOUS INSPECTION AND SHALL BE IN ACCORDANCE WITH DISTRICT STANDARDS PROCEDURES. SURFACE IMPROVEMENTS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION.
14. FIRE HYDRANTS AND AIR VALVES TO BE LOCATED PER THE AGENCY HAVING JURISDICTION.
15. WATER METERS TO BE LOCATED PER THE AGENCY HAVING JURISDICTION. THE RCS A "W" SHALL BE IMPRINTED ON THE CURB FACE AT EACH SERVICE LATERAL (METER) LOCATION.
16. CONTRACTOR SHALL PLACE INSULATED 14 GA SOLID COPPER WATER METER WITH ALL 1-900 PSI METER TO ASSIST WITH FUTURE LOCATION.
17. THE DEVELOPER SHALL PROVIDE ONE SET OF PRINTS SHOWING ALL "AS-BUILT" CONDITIONS INCLUDING THE SIZING OF SERVICE LATERALS, CONNECTIONS AND PIPE ELEVATIONS AT A LOCATION OF FINAL APPROVAL.
18. ANY REVISION TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY THE RCS.
19. THE CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED AIR SPACE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH "CONFINED AIR SPACE" ARTICLE 101, TITLE 8 CALIFORNIA ADMINISTRATIVE CODE.
20. ALL PIPE LARGER THAN 12" IN DIAMETER SHALL BE INSPECTED BY VIDEO CAMERA PRIOR TO BACKFILLING AND TESTING.
21. CONTRACTOR SHALL MAINTAIN ALL WORK FOR 12 MONTHS AFTER THE DATE OF FINAL INSPECTION.



RUBIDOUX COMMUNITY SERVICES DISTRICT COUNTY OF RIVERSIDE, STATE OF CALIFORNIA WATER CONSTRUCTION DRAWINGS FOR TRACT NO. 37211



LEGEND

---#---	SHEET NUMBER	---#---	PROPOSED GATE VALVE ASSY
---	WATER SERVICE METER	---	REDUCER
---	EXISTING RIGHT OF WAY	---	WATER SERVICE METER
---	PROPOSED CURB AND OUTER	---	AIR RELEASE VALVE ASSY
---	EXISTING SENIOR LINE	---	THRUST BLOCK
---	PROPOSED SENIOR LINE	---	TEMPORARY BLOWOFF/AIR RELEASE ASSY
---	PROPOSED WATER LINE	---	PROPOSED SENIOR MANHOLE
---	EXISTING FIRE HYDRANTS	---	PROPOSED SENIOR SERVICE L.A.T.
---	PROPOSED FIRE HYDRANT ASSY		

ABBREVIATIONS

C	CENTER LINE	TR	TYPICAL
EL	ELEVATION	W	WATER
DL	DIAMETER	RCSO & WCD	RIVERSIDE COUNTY FLOOD CONTROL
INV	INVERT	W	WATER CONSERVATION DIST.
MH	MANHOLE	EX	EXISTING
PROP	PROPOSED	PR	PROPOSED
PVC	POLYVINYL CHLORIDE	MGP	MASTER DRAINAGE PLAN
RCP	REINFORCED CONCRETE PIPE	BP	BOTTOM OF PIPE
R/W	RIGHT-OF-WAY	TR	TOP OF PIPE
S	SEWER	FS	FINISHED SURFACE OF PAVEMENT
SD	STORM DRAIN	C&G	CURB AND GUTTER
SPMC	STANDARD PLANS FOR WORKS CONSTRUCTION	BO	BLOW OFF
OO	OUTSIDE DIAMETER	AV	AIR VACUUM VALVE
		RP	RADIUS POINT

ENGINEER'S NOTICE TO CONTRACTORS

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION OPERATIONS SHALL BE CONDUCTED TO ASSURE SAFE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF PERSONS AND PROPERTY. THAT THIS PROJECT SHALL BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD HARMLESS ANY AND ALL PERSONS AND ALL PROPERTY, INCLUDING ALL PERSONS AND PROPERTY, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE NEGLIGENCE OF DESIGN PROFESSIONALS.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE EXISTENCE AND APPROXIMATE LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES OR STRUCTURES EXCEPT AS SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES AND FOR UTILITIES OR STRUCTURES WHOSE LOCATIONS WHOSE LOCATIONS ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND STRUCTURES PRIOR TO WORK ON EXCAVATION TO DETERMINE EXACT LOCATION OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON, AND FOR ANY DAMAGE OR PROTECTION OF THESE LINES.

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT AS THE ENGINEER IN RESPONSIBLE CHARGE OF WORK FOR THIS PROJECT, I HAVE REVIEWED THE ENGINEERING WORK AS SHOWN ON THESE PLANS TO DETERMINE GENERAL COMPLIANCE WITH PLANS AND SPECIFICATION, AND THAT THEY COMPLETED CONSTRUCTION IN ACCORDANCE WITH THESE PLANS.

BASE OF BEARINGS

"THE BASE OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM (CSRS) ZONE 10 BASED LOCALLY ON CONTROL STATIONS 'NODS', 'MAYP', AND 'P613' AND 83 (NAD83)11 EPOCH SYSTEM AS SHOWN HEREON ON THIS MAP AND THIS MAP. QUANTITIES AND DISTANCES FROM REFERENCE MAPS OR BEINGS ARE AS SHOWN PER THAT SECOND REFERENCE. ALL DISTANCES SHOWN ARE UNLESS SPECIFIED OTHERWISE. GRID DISTANCES MAY BE OBTAINED BY MULTIPLYING THE GRID DISTANCE BY A CORRECTION FACTOR OF 0.99997121. CALCULATIONS ARE MADE AT 500' WITH COORDINATES OF N 2,312,045.378 E, 6,102,811.156, AND AN ELEVATION OF 807.75'

REQUIRED FIRE FLOW

THE REQUIRED FIRE FLOW FOR TRACT NO. 37211 SHALL BE 500 GPM FOR A 30 MINUTE DURATION AT 20 PSI MIN. (0-1,600 SF MAX BUILDING AREA) PER 2011 CALIFORNIA FIRE CODE APPENDIX B, AS AMENDED THROUGH THE CITY OF JURUPA VALLEY MUNICIPAL CODE.

WATER CERTIFICATION BLOCK

I CERTIFY THAT THE DESIGN OF THE WATER SYSTEM FOR TRACT NO. 37211 IS IN ACCORDANCE WITH THE WATER SYSTEM MASTER PLANS OF THE RUBIDOUX COMMUNITY SERVICES DISTRICT, AND THAT THE WATER STORAGE AND DISTRIBUTION SYSTEM WILL BE ADEQUATE TO SUPPLY WATER SERVICE TO SAID TRACT. THIS CERTIFICATION DOES NOT CONSTITUTE A GUARANTEE THAT IT WILL SUPPLY WATER TO SAID IMPROVEMENTS AT ANY SPECIFIC QUANTITIES, FLOWS, OR PRESSURES FOR FIRE PROTECTION OR ANY OTHER PURPOSE.

WATER CONSTRUCTION NOTES

DESCRIPTION	QUANTITY	RCSO QUANTITIES
TOTALS		
1. INSTALL 8" PVC C900 (CL 150) WATER MAIN	4,173 LF	1,204 LF
2. INSTALL 8" GATE VALVE PER RCSO STD. DWC #1020	15 EA	6 EA
3. INSTALL 3/4" WATER METER PER RCSO STD. DWC #1100 (+)	58 EA	10 EA
4. INSTALL RESIDENTIAL FIRE HYDRANT PER RCSO STD. DWC #1050 (+)	10 EA	1 EA
5. INSTALL 1" AIR VALVE PER RCSO STD. DWC #1070 (+)	3 EA	1 EA
6. INSTALL 12" x 8" FLANGED REDUCER	1 EA	-0-
7. INSTALL 8" TEE	5 EA	2 EA
8. INSTALL 8" FLANGED END CAP	-0-	-0-
9. INSTALL 8" FLANGED 45° ELBOW	4 EA	2 EA
10. INSTALL STEEL CASING INSULATORS FOR PIPE CASING DETAIL HEREON	36 LF	-0-
11. INSTALL TEMPORARY BLOWOFF/AIR RELEASE VALVE PER RCSO STD. DWC #1150	1 EA	-0-
12. INSTALL 8" x 4" FLANGED REDUCER	1 EA	-0-
13. REMOVE AND REPLACE EXIST. PAVEMENT PER R.C.T.D. STD. 818	-0-	2,000 SF

(1) C/A OF FH AND AIR VALVE TO BE LOCATED 1.5' FROM FLOW LINE PER R.C.T.D. STD. 460 (SEE DETAIL SHEET 4)
(2) FLOW METER WATER METER TO BE LOCATED 1.5' FROM FLOW LINE PER R.C.T.D. STD. 700 (SEE DETAIL SHEET 4)

CITY OF JURUPA VALLEY ENGINEERING DEPARTMENT
APPROVED BY: STEVE B. LORSON, CITY ENGINEER, R.C.E. 64701

CITY OF JURUPA VALLEY ENGINEERING DEPARTMENT
RECOMMENDED BY: TINA YORK, DEVELOPMENT SERVICES MANAGER, R.C.E. 46387

RIVERSIDE COUNTY FIRE DEPARTMENT

DATE: _____ DATE: _____ DATE: _____

BY: _____ BY: _____ BY: _____

BENCHMARK: BENCHMARK PER COUNTY OF RIVERSIDE CORNER RECORD 11-0717

FOUND 2" BRASS DISK STAMPED "M. L.S. 8045", FLUSH ON CONCRETE NEWMAN AT THE INTERSECTION OF MISSION BOULEVARD AND PACIFIC AVENUE. ELEVATION 833.341' MVD 29 ADJUSTED TO NAD 83 USING NATIONAL GEODETIC SURVEY METHOD. 6:10:20.116, 1506, AND AN ELEVATION OF 807.75'

MARK	DATE	INITIAL	DESCRIPTION	REC.	APP.	DATE

1-800-227-2800

RUBIDOUX COMMUNITY SERVICES DISTRICT

APPROVED BY: ASSISTANT GENERAL MANAGER/DISTRICT ENGINEER, PE 46212

DATE: _____

VOLD AFTER ONE YEAR FROM THIS DATE

DESIGNED BY: STEVEN PORTO & PIERCE, INC. A LAND DEVELOPMENT SERVICES COMPANY 265 S. BRADSHAW AVENUE #105 (RCA CA 92501) PHONE: (714) 490-1300

PREPARED UNDER THE SUPERVISION OF: JIMMY C. CHEN, R.C.E. 65134

DATE: _____

PLANS PREPARED UNDER THE SUPERVISION OF: _____

RUBIDOUX COMMUNITY SERVICES DISTRICT

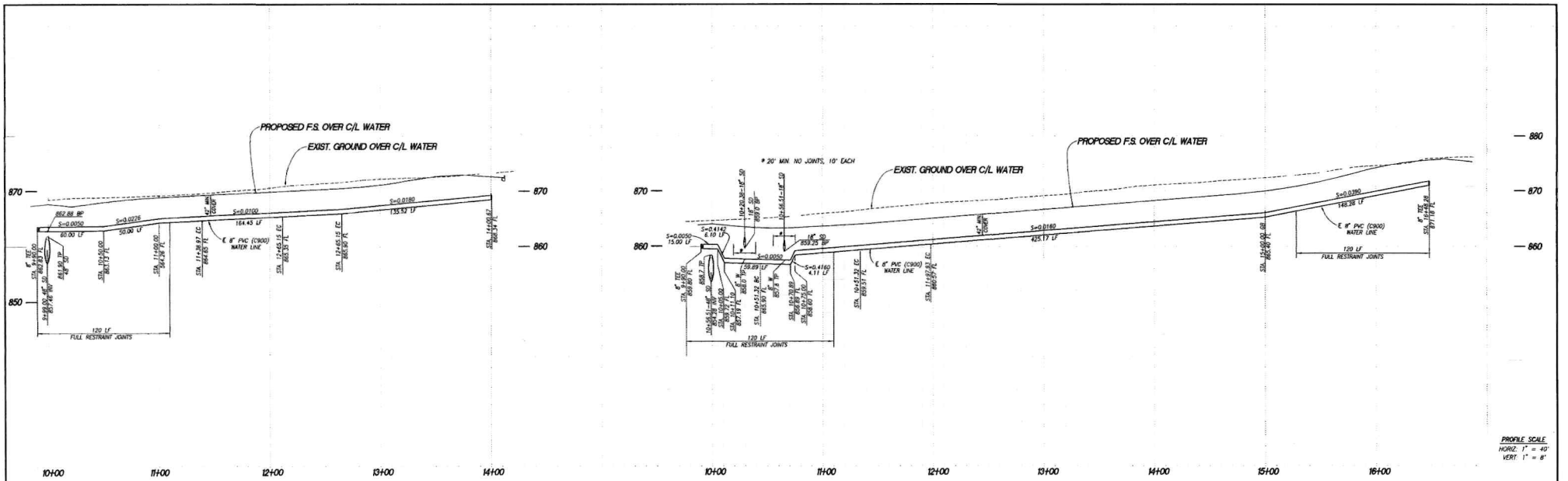
WATER IMPROVEMENT PLAN

TRACT NO. 37211

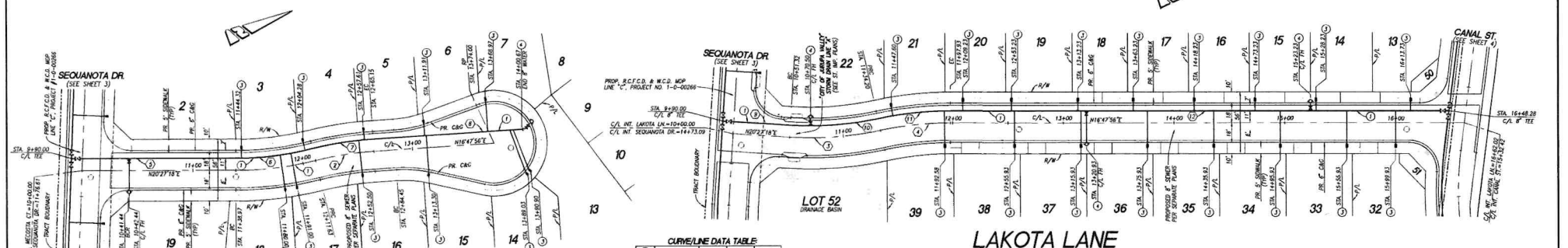
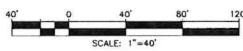
TITLE SHEET

SHEET 1 OF 5 SHEETS

DWG NO. IP 20-004



PROFILE SCALE
HORIZ. 1" = 40'
VERT. 1" = 5'



MECOSTA COURT

CURVE/LINE DATA TABLE

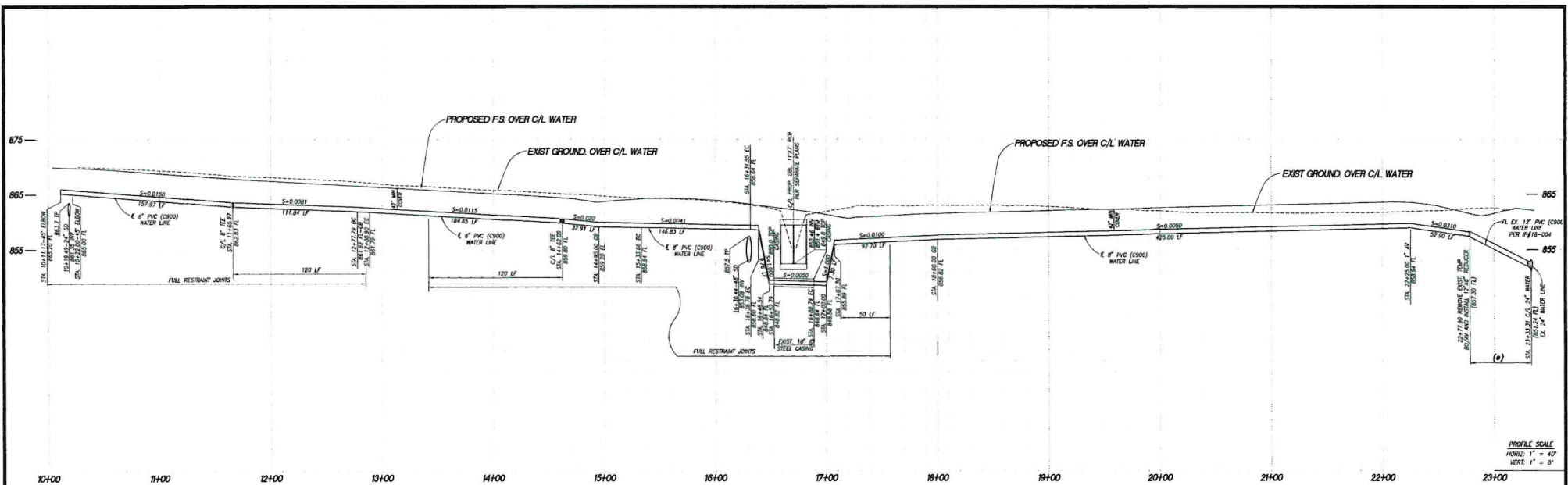
NO.	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	125°22'30"	300.00'	68.87'	36.51'
2	107°17'17"	300.00'	53.52'	26.83'
3	154°49'41"	300.00'	82.88'	41.70'
4	127°10'20"	300.00'	63.73'	31.99'
5	N02°27'18"E	-	148.57'	-
6	172°23'30"	289.00'	65.60'	35.17'
7	107°13'17"	311.00'	55.46'	27.81'
8	N16°47'56"E	-	135.52'	-
9	N02°27'18"E	-	61.32'	-
10	127°10'20"	289.00'	61.30'	30.82'
11	127°10'20"	311.00'	66.57'	33.18'
12	N16°47'56"E	-	450.30'	-

WATER CONSTRUCTION NOTES

DESCRIPTION
① INSTALL 6" PVC C800 (CL 150) WATER MAIN
② INSTALL 6" GATE VALVE PER RCSD STD. DWG. W1020
③ INSTALL 3/4" WATER METER PER RCSD STD. DWG. W1100 (4)
④ INSTALL RESIDENTIAL FIRE HYDRANT PER RCSD STD. DWG. W1050 (4)

(4) C/L OF FH AND AN VALVE TO BE LOCATED 1.5' FROM FLOW LINE PER R.C.T.D. STD. 400 (SEE DETAIL SHEET 4).
AND FRONT OF WATER METER BOXES TO BE LOCATED 1.5' FROM FLOW LINE PER R.C.T.D. STD. 700 (SEE DETAIL SHEET 4).

	BENCHMARK: SEE SHEET 1		RUBIDOUX COMMUNITY SERVICES DISTRICT		DESIGNED BY: <u>HA/JC</u> DRAWN BY: <u>HA/JC</u> CHECKED BY: <u>JC</u> SCALE: <u>AS NOTED</u> DATE: _____ JOB NO.: <u>810-0210</u>	RUBIDOUX COMMUNITY SERVICES DISTRICT WATER IMPROVEMENT PLAN TRACT NO. 37211 MECOSTA COURT AND LAKOTA LANE	SHEET 2 OF <u>5</u> SHEETS
APPROVED BY: <u>ASSISTANT GENERAL MANAGER / DISTRICT ENGINEER, PE 46212</u> DATE: _____ VOID AFTER ONE YEAR FROM THIS DATE.		PREPARED BY: STEVENSON, PORTO & PIERCE, INC. A LAND DEVELOPMENT SERVICES COMPANY 205 S. BROADWAY AVENUE #105 IRVINE, CA 92614 PHONE: (714) 430-1500		PLANS PREPARED UNDER THE SUPERVISION OF <u>JERRY E. CHEN</u> R.C.E. #C1384		FOR: _____ W.D.: _____ DWG. NO.: <u>IP 20-004</u>	



CURVE/LINE DATA TABLE

NO.	DELTA/BEARING	RADIUS	LENGTH	TANGENT	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	02°07'20"	300.00'	11.117'	3.56'	8	N89°32'42"W	480.82'	-
2	1°14'23"	300.00'	100.751'	50.851'	9	N87°28'47"W	50.89'	-
3	02°07'20"	310.00'	11.483'	3.75'	10	S42°50'	300.00'	24.68'
4	N87°25'33"W	-	254.69'	-	11	S42°50'	308.00'	25.34'
5	N89°32'42"W	-	244.75'	-	12	N74°15'32"W	-	48.32'
6	1°14'23"	300.00'	100.751'	50.851'	13	S42°50'	292.00'	24.02'
7	N89°47'42"E	-	200.57'	-	14	N74°15'32"W	-	14.00'

(*) NOTE:
CONTRACTOR TO VERIFY LINE AND GRADE PRIOR TO CONSTRUCTION. ENGINEER SHALL NOTIFY ENGINEER OF ANY PLAN DISCREPANCIES.

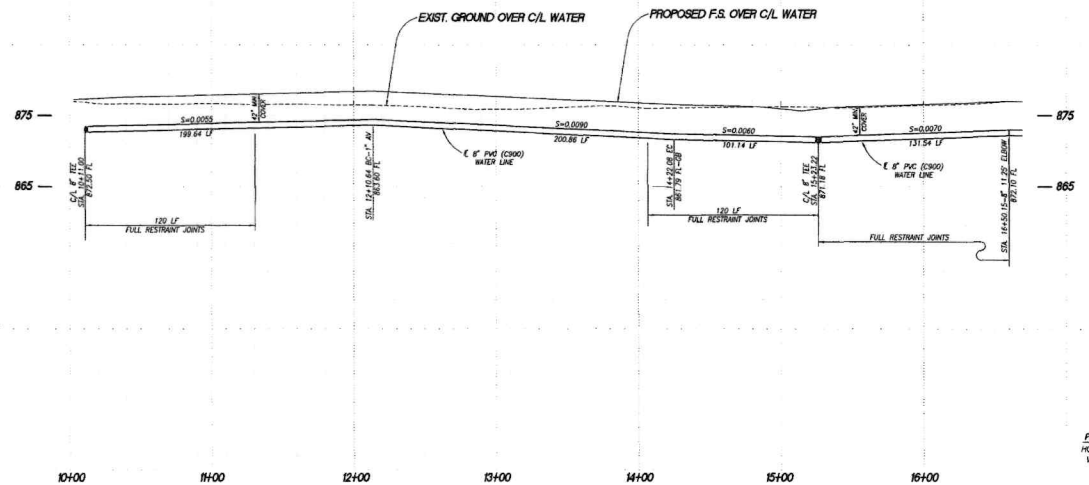


WATER CONSTRUCTION NOTES

DESCRIPTION	DESCRIPTION
① - INSTALL 8" PVC C900 (CL 150) WATER MAIN	⑦ - INSTALL 8" TREE
② - INSTALL 8" GATE VALVE PER RCSD STD. DWG. W1020	⑧ - INSTALL 8" FLANGED END CAP
③ - INSTALL 3/4" WATER METER PER RCSD STD. DWG. W1100 (+)	⑨ - INSTALL 8" FLANGED 45° ELBOW
④ - INSTALL RESIDENTIAL FIRE HYDRANT PER RCSD STD. DWG. W1050 (+)	⑩ - INSTALL STEEL CASING & INSULATORS PER PIPE CASING DETAIL ON SHEET 1
⑤ - INSTALL 1" AIR VALVE PER RCSD STD. DWG. W1070 (+)	⑪ - INSTALL TEMPORARY BLOWOFF/AIR RELEASE VALVE PER RCSD STD. DWG. W1150
⑥ - INSTALL 12" X 8" FLANGED REDUCER	

(+) C/L OF FN AND AIR VALVE TO BE LOCATED 1.5' FROM FLOW LINE PER R.C.T.D. STD. 450 (SEE DETAIL SHEET 4). AND FRONT OF WATER METER BOXES TO BE LOCATED 1.5' FROM FLOW LINE PER R.C.T.D. STD. 700 (SEE DETAIL SHEET 4).

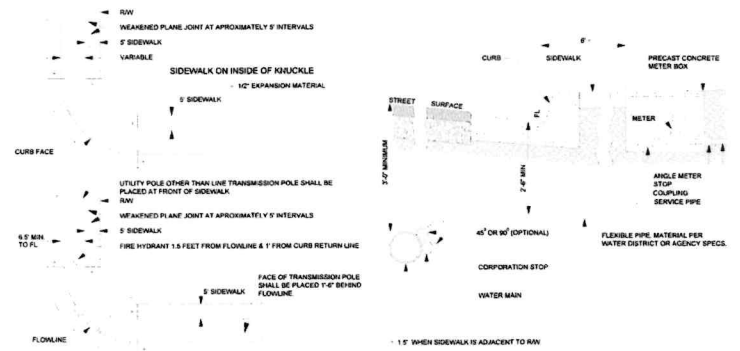
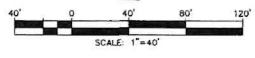
	BENCHMARK		RUBIDOUX COMMUNITY SERVICES DISTRICT		DESIGNED BY: MALCOLM WALKER CHECKED BY: JC SCALE: AS NOTED DATE:	RUBIDOUX COMMUNITY SERVICES DISTRICT WATER IMPROVEMENT PLAN TRACT NO. 37211 SEQUANOTA DRIVE	SHEET 3 OF 5 SHEETS IP 20-004										
	SEE SHEET 1	<table border="1"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> <th>REV.</th> <th>APPR. DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	MARK					DATE	INITIAL	DESCRIPTION	REV.	APPR. DATE					
MARK	DATE	INITIAL	DESCRIPTION	REV.	APPR. DATE												



PROFILE SCALE
HORIZ. 1" = 40'
VERT. 1" = 5'

CURVE/LINE DATA TABLE

NO.	DELTA/BEARING	ARC/CHORD	LENGTH	ANGLES
1	42°22'51"	200.00'	105.72'	
2	42°22'51"	300.00'	150.32'	
3	117°34'10"E	-	180.84'	-
4	180°02'00"W	-	101.14'	-
5	180°02'00"W	-	34.93'	-
6	173°34'24"	215.00'	96.91'	48.69'



NOTE:
1. VARIABLE DISTANCES TO BE SHOWN ON APPLICABLE TYPICAL ROAD SECTION STANDARD.
2. CONSTRUCTION TO BE OF CLASS "B" CONCRETE 4" MINIMUM THICKNESS.

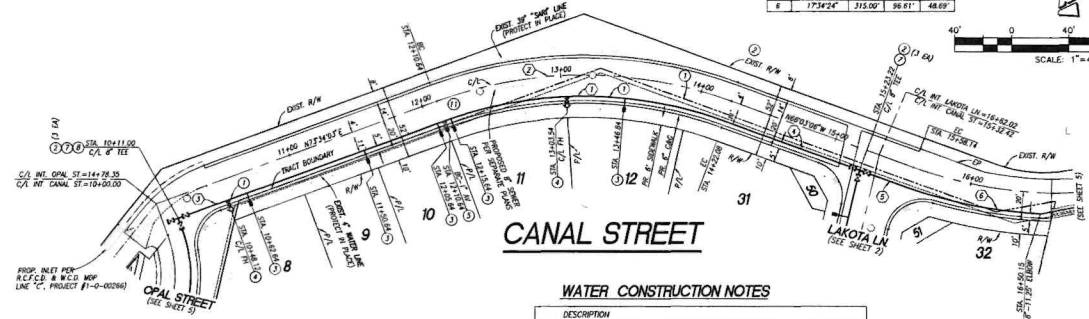
NOTE:
ALL LOT SERVICE (LATERALS) TO BE INSTALLED PRIOR TO PAVING OF STREET, INCLUDING FIRE SPRAWLER PREVENTION SERVICE.

NOTE:
1.5' WHEN SIDEWALK IS ADJACENT TO RW

NOT TO SCALE

APPROVED BY: [Signature] DATE: 09/15/17
 COUNTY OF RIVERSIDE
 SIDEWALK, FIRE HYDRANT, & UTILITY POLE LOCATION (SIDEWALK AT RW)
 STANDARD NO. 403 (2 OF 2)

APPROVED BY: [Signature] DATE: 09/15/17
 COUNTY OF RIVERSIDE
 TYPICAL WATER METER INSTALLATION
 STANDARD NO. 709

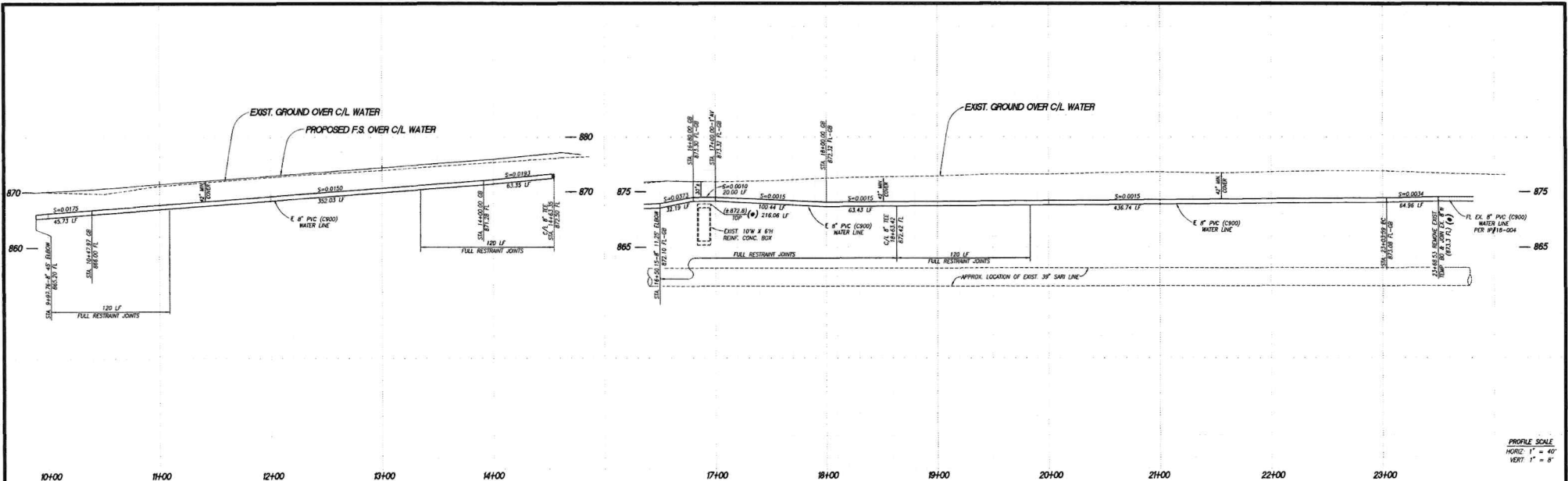


WATER CONSTRUCTION NOTES

DESCRIPTION
1. INSTALL 8" PVC C900 (CL 150) WATER MAIN
2. INSTALL 8" GATE VALVE PER RCSD STD. DWG. W1020.
3. INSTALL 3/4" WATER METER PER RCSD STD. DWG. W1100 (1)
4. INSTALL RESIDENTIAL FIRE HYDRANT PER RCSD STD. DWG. W1050 (1)
5. INSTALL 1" AIR VALVE PER RCSD STD. DWG. W1070 (1)
6. INSTALL 8" TEE
7. INSTALL 8" FLANGED END CAP

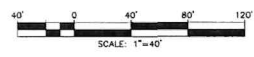
(1) C/L OF FN AND AIR VALVE TO BE LOCATED 1.5' FROM FLOW LINE PER R.C.F.D. STD. 400. METER BOX AND FRONT OF WATER METER BOXES TO BE LOCATED 1.5' FROM FLOW LINE PER R.C.F.D. STD. 706. HEREON.

<p>Call before you Dig 811 1-800-227-2600</p>	<p>BENCHMARK: SEE SHEET 1</p>	<table border="1"> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> <th>REC.</th> <th>APPROV. DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="6">REVISION</td> </tr> </table>	MARK	DATE	INITIAL	DESCRIPTION	REC.	APPROV. DATE							REVISION						<p>RUBIDOUX COMMUNITY SERVICES DISTRICT</p> <p>APPROVED BY: [Signature] ASSISTANT GENERAL MANAGER/ DISTRICT ENGINEER, PE 46212</p> <p>DATE: _____</p> <p>VOID AFTER ONE YEAR FROM THIS DATE</p>	<p>DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature] SCALE: AS NOTED DATE: _____</p>	<p>RUBIDOUX COMMUNITY SERVICES DISTRICT</p> <p>WATER IMPROVEMENT PLAN TRACT NO. 37211 OPAL STREET AND CANAL STREET</p> <p>FOR: _____ W.O. _____ DWG. NO. IP 20-004</p>	<p>SHEET 4 OF 5 SHEETS</p>
			MARK	DATE	INITIAL	DESCRIPTION	REC.	APPROV. DATE																
REVISION																								
<p>DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature] SCALE: AS NOTED DATE: _____</p>	<p>APPROVED BY: [Signature] COUNTY OF RIVERSIDE DISTRICT ENGINEER, PE 46212</p>	<p>STEVENSON, PORTO & FIERCE, INC. A LAND DEVELOPMENT SERVICES COMPANY 263 S. GANDOLPH AVENUE #105 IRVING, TX 75039 PHONE: (714) 496-1500</p> <p>PLANS PREPARED UNDER THE SUPERVISION OF: JUDY E. CHEN R.C.E. 361394</p>	<p>DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature] SCALE: AS NOTED DATE: _____</p>																					



PROFILE SCALE
HORIZ. 1" = 40'
VERT. 1" = 8'

10+00 11+00 12+00 13+00 14+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00

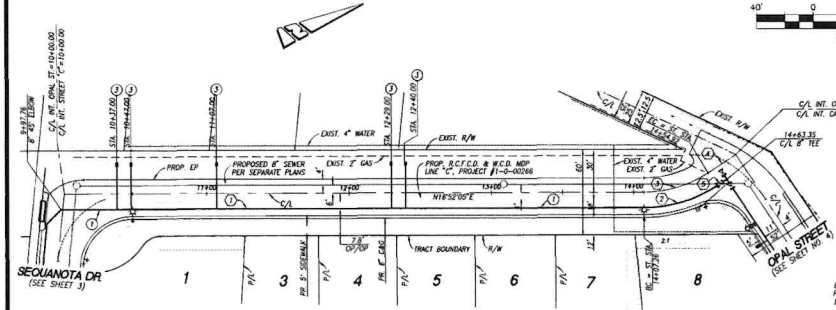


CURVE/LINE DATA TABLE

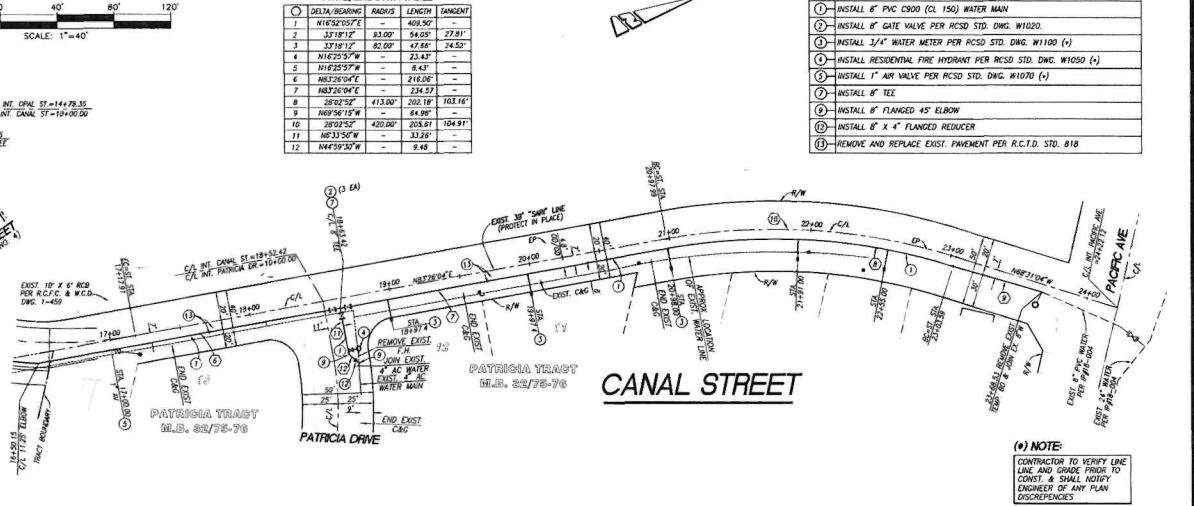
NO.	DELTA/BEARING	RADIUS	LENGTH	ANGENT
1	N16°22'03"E	-	409.50'	-
2	S37°18'12"E	83.00'	54.09'	27.81'
3	S7°18'12"E	82.00'	47.68'	24.52'
4	N16°22'57"W	-	23.43'	-
5	N16°22'57"W	-	8.43'	-
6	N82°20'04"E	-	216.08'	-
7	N82°20'04"E	-	234.23'	-
8	S2°12'32"E	413.00'	202.18'	103.16'
9	N89°56'19"W	-	84.90'	-
10	S20°22'52"E	420.00'	255.81'	104.91'
11	N63°15'56"W	-	33.28'	-
12	N44°59'30"W	-	9.48'	-

WATER CONSTRUCTION NOTES

DESCRIPTION
① INSTALL 8" PVC C900 (CL 150) WATER MAIN
② INSTALL 8" GATE VALVE PER RCSD STD. DWG. W1020.
③ INSTALL 3/4" WATER METER PER RCSD STD. DWG. W1100 (+)
④ INSTALL RESIDENTIAL FIRE HYDRANT PER RCSD STD. DWG. W1050 (+)
⑤ INSTALL 1" AIR VALVE PER RCSD STD. DWG. W1070 (+)
⑥ INSTALL 8" TEE
⑦ INSTALL 8" FLANGED 45° ELBOW
⑧ INSTALL 8" X 4" FLANGED REDUCER
⑨ REMOVE AND REPLACE EXIST. PAVEMENT PER R.C.T.D. STD. 818



OPAL STREET



CANAL STREET

(*) NOTE:
CONTRACTOR TO VERIFY LINE AND GRADE PRIOR TO CONST. & SHALL NOTIFY ENGINEER OF ANY PLAN DISCREPANCIES

<p>Call before you Dig 1-800-227-3600</p>	<p>BENCHMARK</p> <p>SEE SHEET 1</p>	<table border="1"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> <th>REC.</th> <th>APPR.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	MARK	DATE	INITIAL	DESCRIPTION	REC.	APPR.	DATE								<p>RUBIDOUX COMMUNITY SERVICES DISTRICT</p> <p>APPROVED BY: ASSISTANT GENERAL MANAGER / DISTRICT ENGINEER, PE 46212</p> <p>DATE: _____</p> <p>VOID AFTER ONE YEAR FROM THIS DATE</p>		<p>PREPARED BY: STEVENSON, PORTO & PIERCE, INC.</p> <p>A LAND DEVELOPMENT SERVICES COMPANY</p> <p>283 S. RANDOLPH AVENUE #105 OMAHA, NE 68102 PHONE: (414) 490-1500</p> <p>PLANS PREPARED UNDER THE SUPERVISION OF JAMES C. CHEN, R.C.E. #081204</p>	<p>DESIGNED BY: HAL/JC</p> <p>DRAWN BY: HAL/JC</p> <p>CHECKED BY: JC</p> <p>SCALE: AS NOTED</p> <p>DATE: _____</p> <p>JOB NO. 510-2010</p>	<p>RUBIDOUX COMMUNITY SERVICES DISTRICT</p> <p>WATER IMPROVEMENT PLAN TRACT NO. 37211 OPAL STREET AND CANAL STREET</p>	<p>SHEET 5 OF 5 SHEETS</p> <p>FOR: _____</p> <p>W.O. _____</p> <p>DWG. NO. IP 20-004</p>
			MARK	DATE	INITIAL	DESCRIPTION	REC.	APPR.	DATE													
<p>Call before you Dig 1-800-227-3600</p>		<p>APPROVED BY: ASSISTANT GENERAL MANAGER / DISTRICT ENGINEER, PE 46212</p>		<p>DESIGNED BY: HAL/JC</p>		<p>FOR: _____</p>																

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF RCSD FOR WATER AND SANITARY SEWER FACILITIES.
- SEWER SYSTEM SHALL BE CONSTRUCTED BY THE DEVELOPER FOR DEDICATION TO THE RUBIDOUX COMMUNITY SERVICES DISTRICT. CONSTRUCTION, MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH RUBIDOUX COMMUNITY SERVICES DISTRICT STANDARDS. THE INSTALLATION SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL PUBLIC AGENCIES HAVING JURISDICTION. FAILURE TO MEET THESE REQUIREMENTS WILL BE CAUSE FOR REJECTIONS. SENER PIPE SHALL BE PVC (SDR-35) UNLESS OTHERWISE APPROVED BY THE DISTRICT ENGINEER.
- CONSTRUCTION OF THE SEWER SYSTEM SHALL NOT COMMENCE UNTIL A FINAL MAP HAS BEEN RECORDED BY RIVERSIDE COUNTY AND THE DEVELOPER'S ENGINEER HAS CERTIFIED THAT ALL STREET ARE CONSTRUCTED TO FINAL GRADE FOR CURB AND GUTTER.
- CONTRACTOR SHALL PROVIDE TRENCH PROTECTION AND CONDUCT ALL CONSTRUCTION IN ACCORDANCE WITH CAL-OSHA REQUIREMENTS AND SHALL DETERMINE DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO TRENCHING. OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 500 FEET ALONG ROAD RIGHT OF WAY AND SHALL BE BACKFILLED AND COMPLETED AT THE CONCLUSION OF EACH DAY.
- PIPE SHALL BE HANDLED SO AS TO PROTECT THE PIPE AT ALL TIMES AND SHALL BE CAREFULLY REEDED TO PROVIDE CONTINUOUS BEARING AND TO PREVENT UNEVEN SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOURATION AT ALL TIMES. OPEN ENDS OF INSTALLED SEWER SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
- PIPE JOINTS SHALL NOT BE DEFLECTED AT ANY ANGLE GREATER THAN THE MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER.
- DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHALL BE DETERMINED BY THE CONTRACTOR BY POTHOLING PRIOR TO TRENCHING. THE CONTRACTOR SHALL ALSO CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
- WHERE THE SEWER MAIN CROSSES STORM DRAINAGE, OTHER PIPES, TELEPHONE AND ELECTRIC DUCTS, OR SIMILAR INSTALLATIONS, A MINIMUM OF 12 INCHES OF CLEARANCE SHALL BE PROVIDED BETWEEN THE MAIN AND OTHER INSTALLATIONS. SEPARATION OF THE WATER AND SEWER LINES MUST COMPLY WITH THE RIVERSIDE COUNTY HEALTH DEPARTMENT STANDARD COUNTY STANDARD PLAN 609 AND RCSD STANDARD DRAWING S202 AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF WATER CONTROL.
- CONNECTIONS TO EXISTING RCSD SEWER PIPELINES SHALL NOT BE ACCOMPLISHED UNLESS THE DISTRICT INSPECTOR IS PRESENT. THE RCSD MAY elect TO MAKE THE CONNECTION AT THE DEVELOPER'S EXPENSE. CONTRACTOR TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SEWER LINES PRIOR TO CONSTRUCTION. NO CONNECTIONS TO EXISTING RCSD SEWER LINES WILL BE ALLOWED ON FRONTS.
- BACKFILL SHALL BE COMPACTED TO THE GREATER OF 90% RELATIVE DENSITY, EQUIVALENT TO THE SURROUNDING GROUND, OR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION, WHICHEVER IS MOST STRINGENT.
- SEWER LATERALS SHALL BE 4" W/D UNLESS OTHERWISE INDICATED. EXACT LOCATIONS OF WYES AND LATERALS ARE TO BE ESTABLISHED IN THE FIELD PRIOR TO INSTALLATION. AN "S" SHALL BE IMPRINTED ON THE CURB FACE AT EACH SERVICE LATERAL LOCATION AND A STEEL ROD OR STAKE SHALL BE INSTALLED AT THE END OF EACH SEWER LATERAL TO ASSIST IN LOCATING AT A LATER DATE.
- UNLESS WAIVED BY THE RCSD, A 2" WIDE METALLIC LOCATOR TAPE SHALL BE PLACED WITH EACH SEWER AND SERVICE LATERAL TO ASSIST IN LOCATION. TAPE SHALL BE PLACED AT LEAST 6" ABOVE THE PIPE BUT NOT DEEPER THAN 4" FROM THE PROPOSED GRADE.
- ALL SEWERS SHALL BE BALLED, AIR TESTED AND VIDEO INSPECTED PRIOR TO ACCEPTANCE BY THE DISTRICT.
- SURFACE IMPROVEMENTS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION.
- THE DEVELOPER SHALL PROVIDE ONE SET OF PRINTS SHOWING ALL "AS-BUILT" CONDITIONS INCLUDING THE STAKING OF SEWER LATERAL CONNECTIONS AND PIP ELEVATIONS AS A CONDITION OF FINAL APPROVAL.
- ANY REVISION TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF BACKWATER VALVES, WHERE REQUIRED PER UNIFORM PLUMBING CODE AND PER RCSD STANDARDS.
- THE CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED AIR SPACE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH "CONFINED AIR SPACE" ARTICLE 108, TITLE 8 CALIFORNIA ADMINISTRATIVE CODE.
- CONTRACTOR SHALL WARRANTY ALL WORK FOR 12 MONTHS AFTER THE DATE OF FINAL INSPECTION.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE EXISTENCE AND APPROXIMATE LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES OR STRUCTURES EXCEPT AS SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITIES OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK ON EXCAVATION TO DETERMINE EXACT LOCATION OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON, AND FOR ANY DAMAGE OR INTERFERENCE OF THESE LINES.

THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (U.S.A.) PHONE 811 TWO (2) BUSINESS DAYS PRIOR TO DIGGING. NO CONSTRUCTION PERMIT ISSUED BY PUBLIC WORKS DEPARTMENT SHALL BE VALID WITHOUT UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS AN INQUIRY IDENTIFICATION NUMBER ISSUED BY U.S.A.

ENGINEER'S NOTICE TO CONTRACTORS

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING OR CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO OBTAIN INDEMNITY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

ALL CONTRACTOR AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR AND WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS". THIS CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTOR OR SUBCONTRACTORS COMPLIANCE WITH THE SAID REGULATIONS AND ORDERS.

BASIS OF BEARINGS

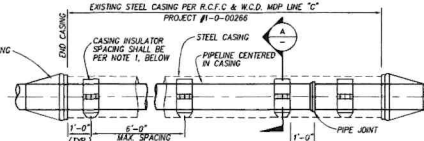
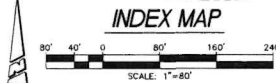
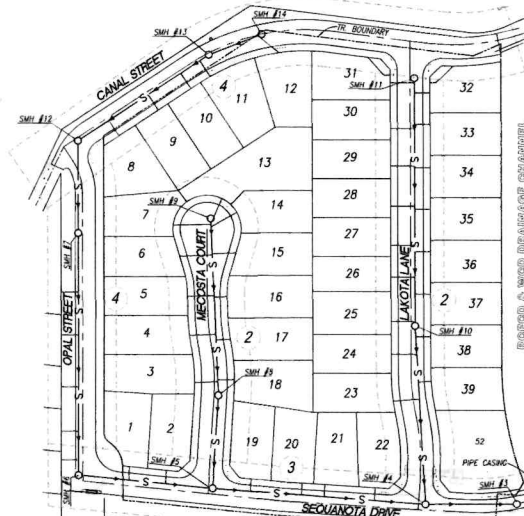
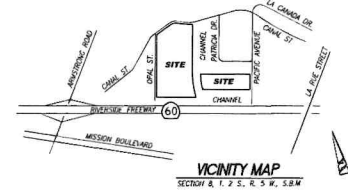
"THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CYCSAL ZONE 6, BASED LOCALLY ON CONTROL STATIONS "NOC0", "MUP", AND "PST1" AND 81 (NAD83) EPOCH 2010.0 AS SHOWN HEREON. ALL BEARINGS SHOWN ON THIS MAP ARE GRID QUOTED BEARINGS AND DISTANCES FROM REFERENCE MAPS OR DEEDS ARE AS SHOWN PER THAT RECORD REFERENCE. ALL DISTANCES SHOWN ARE GRID DISTANCES UNLESS SPECIFIED OTHERWISE. GRID DISTANCES MAY BE OBTAINED BY MULTIPLYING THE GRID DISTANCE BY A COMBINATION FACTOR OF 0.999987312. CALCULATIONS ARE MADE AT "500" WITH COORDINATES OF N: 2,312,664.576; E: 6,207,261.156, USING AN ELEVATION OF 867.72."

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT AS THE ENGINEER IN RESPONSIBLE CHARGE OF WORK FOR THIS PROJECT, I HAVE REVIEWED THE ENGINEERING WORK AS SHOWN ON THESE PLANS TO DETERMINE GENERAL COMPLIANCE WITH PLANS AND SPECIFICATIONS, AND THAT THE COMPLETED CONSTRUCTION IS IN CONFORMANCE WITH THESE PLANS.

JIMMY C. CHEN DATE
R.C.E. #051934

**RUBIDOUX COMMUNITY SERVICES DISTRICT
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
SEWER CONSTRUCTION DRAWINGS
FOR
TRACT NO. 37211**



NOTES:
1. SPACING BETWEEN THE CASING INSULATORS* SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS EXCEPT THAT THERE SHALL BE AT LEAST 4 CASING INSULATORS PER PIPE SECTION, ONE 12" FROM EACH JOINT AND ONE COVERED. ADDITIONALLY, ONE INSULATOR SHALL BE INSTALLED 12" FROM EACH END OF THE CASING. SPACING BETWEEN CASING INSULATORS ON ANY SINGLE PIPE REACH SHALL NOT EXCEED (6'-0").
*REFER TO AWWA STANDARDS/REC'S FOR ADDITIONAL INFO RELATED TO CASING INSULATORS
2. BOTH ENDS OF THE CASING BETWEEN THE CASING AND THE CARRIER PIPE MUST BE SEALED WATER TIGHT USING CALPRO MODEL W END SEALS OR APPROVED EQUAL. BANDS SHALL BE TYPE 304 STAINLESS STEEL, CALPRO MODEL W-B-F-FCY OR FOS # 8 END BANDS, OR APPROVED EQUAL. MATERIAL USED SHALL BE SUITABLE IN RECYCLED AND DOMESTIC WATER CONDITIONS.



INSTALL POLYETHYLENE CASING INSULATORS WITH POLYETHYLENE SPIDS OR REDWOOD SPIDS. ALL CASING INSULATORS SHALL BE DESIGNED BY THE MANUFACTURER FOR APPLICATION OVER THE PARTICULAR CARRIER PIPE O.D. ALL BOLTS AND BANDS SHALL BE TYPE 304 STAINLESS STEEL.



ABBREVIATIONS

- E - CENTER LINE
- EL - ELEVATION
- DA - DIAMETER
- INV - INVERT
- MH - MANHOLE
- PROP - PROPOSED
- PVC - POLYVINYL CHLORIDE
- RCF - REINFORCED CONCRETE PIPE
- R/W - RIGHT-OF-WAY
- S - SEWER
- SD - STORM DRAIN
- STP - STANDARD PLANS FOR WORKS CONSTRUCTION
- TYP - TYPICAL
- W - WATER
- OP - OUTSIDE OF PIPE
- RCFD & WCD - RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DIST.
- EX - EXISTING
- MWP - MASTER DRAINAGE PLAN
- TP - TOP OF PIPE
- B - BOTTOM OF PIPE
- FS - FINISHED SURFACE OF PAVEMENT

LEGEND

- IMPROVEMENT PLAN SHEET NUMBER
- CENTER LINE
- EXISTING RIGHT OF WAY
- PROPOSED CURB AND GUTTER
- EXISTING SEWER LINE
- PROPOSED SEWER LINE
- PROPOSED WATER LINE
- EXISTING FIRE HYDRANTS
- PROPOSED FIRE HYDRANT ASSY
- PROPOSED GATE VALVE ASSY
- REDUCER
- WATER SERVICE METER
- AIR RELEASE VALVE ASSY
- THRUST BLOCK
- TEMPORARY BLOWOFF/AIR RELEASE ASSY
- PROPOSED SEWER MANHOLE
- PROPOSED SEWER SERVICE LAT
- BACKWATER VALVE

SEWER CONSTRUCTION NOTES

DESCRIPTION	QUANTITY
1. INSTALL 8" PVC (SDR-35) SEWER MAIN PER R.C.S.D. STD. G20 AND S2010.	2,886 LF
2. INSTALL 48" DIA. SEWER MANHOLE PER R.C.S.D. STD. S2030.	14 EA
3. INSTALL 4" SEWER LATERAL PER R.C.S.D. STD. S2060.	53 EA
4. INSTALL STEEL CASING INSULATORS PER PIPE CASING DETAIL HEREON.	40 LF
5. ADJUST SEWER MANHOLE TO GRADE PER SANTA ANA WATERSHED PROJECT AUTHORITY SPEC. # 1 EA	1 EA

* MANHOLE AND/OR SHAFT EXTENSIONS SHALL HAVE A PVC LINER PER SANTA ANA WATERSHED PROJECT AUTHORITY DRAWING NO. S-06

SEWER CERTIFICATION BLOCK

I CERTIFY THAT THE DESIGN OF THE SEWER SYSTEM FOR TRACT NO. 37211 IS IN ACCORDANCE WITH THE SEWER SYSTEM MASTER PLANS OF THE RUBIDOUX COMMUNITY SERVICE DISTRICT, AND THAT THE WASTE DISPOSAL SYSTEM IS ADEQUATE AT THIS TIME TO TREAT THE ANTICIPATED WASTES FROM THE PROPOSED TRACT.

ASSISTANT GENERAL MANAGER/ DISTRICT ENGINEER, RCE 46212 DATE

CITY OF JURUPA VALLEY ENGINEERING DEPARTMENT APPROVED BY: STEVE R. LORISO, CITY ENGINEER R.C.E. #4701 DATE

CITY OF JURUPA VALLEY ENGINEERING DEPARTMENT APPROVED BY: TINA YORK, DEVELOPMENT SERVICES MANAGER R.C.E. #4367 DATE

DESIGNED BY: JAL/JC
DRAWN BY: JAL/JC
CHECKED BY: JC
SCALE: AS NOTED
DATE: 05/10/10
FOR: JWB
JOB NO: 519-110

RUBIDOUX COMMUNITY SERVICES DISTRICT
SEWER IMPROVEMENT PLAN
TRACT NO. 37211
TITLE SHEET
SHEET 1 OF 4 SHEETS
DWG. NO. I/P 20-004

Call before you Dig
811
1-800-227-2600

BENCHMARK:
BENCHMARK PER COUNTY OF RIVERSIDE CORNER RECORD 11-0171

FOUND 7" BRASS DISK STAMPED "M L.S. 8845" FLUSH IN CONCRETE MEDIAN AT THE INTERSECTION OF MESSON BOULEVARD AND PACIFIC AVENUE. ELEVATION 835.841 MVD 29 ADJUSTED TO READ 88 USING NATIONAL GEODETIC SURVEY METHOD

MARK	DATE	INITIAL	DESCRIPTION	REC. APPR. DATE
			REVISION	

APPROVED BY: ASSISTANT GENERAL MANAGER/ DISTRICT ENGINEER, RCE 46212 DATE

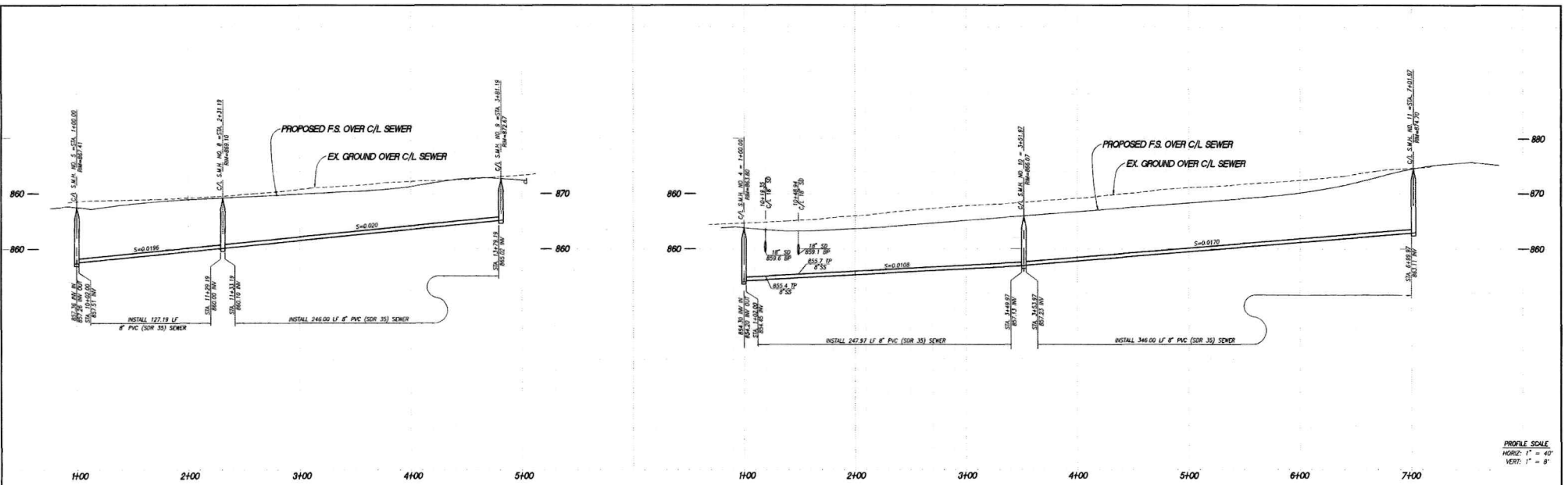
VOID AFTER ONE YEAR FROM THIS DATE



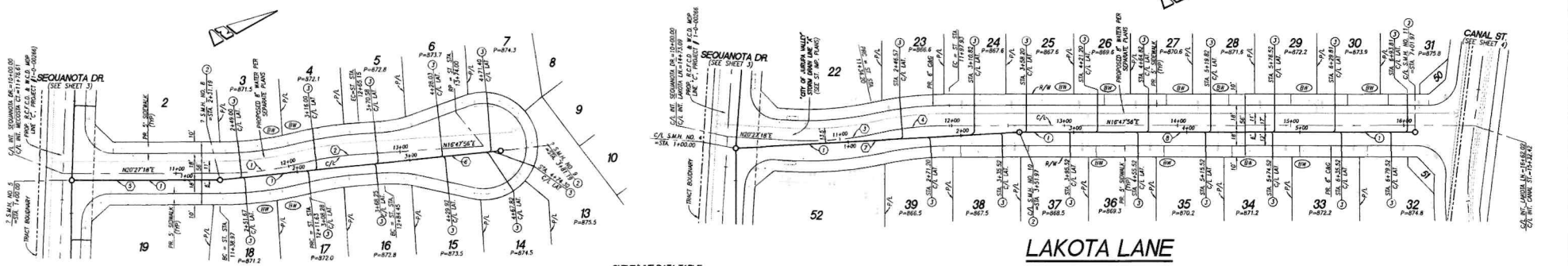
STEVENS, PORTO & PIERCE, INC.
A LAND DEVELOPMENT SERVICES COMPANY
205 S. BANGLOR AVENUE #105
IRVINE, CA 92612
PHONE: (714) 450-1500

APPLICANT
SEQUOIA PARTNERS, LP
556 S. FARM OAKS AVENUE #337
PASADENA, CA 91105
PHONE: (951) 817-3508
CONTACT: PAUL GUNTER

WDD#



PROFILE SCALE
 HORIZ. 1" = 40'
 VERT. 1" = 8'



MECOSTA COURT

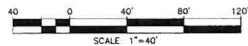
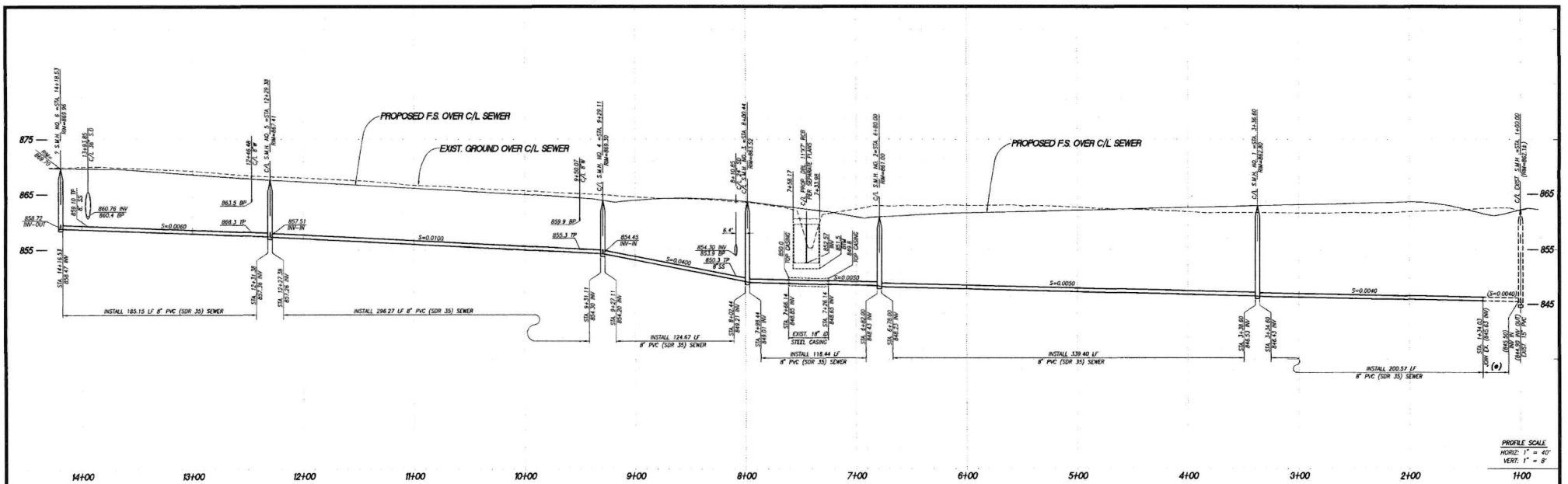
CURVE/LINE DATA TABLE

NO.	BELEN (BEARING)	RADIUS	LENGTH	TANGENT
1	17°52'30"	300.00'	68.30'	36.51'
2	10°13'17"	300.00'	53.53'	26.83'
3	15°04'17"	300.00'	62.80'	41.70'
4	12°10'20"	300.00'	63.73'	31.99'
5	N02°27'18"E	-	131.19'	-
6	N14°31'48"E	-	242.00'	-
7	N12°37'42"E	-	251.97'	-
8	N10°47'35"E	-	350.00'	-

SEWER CONSTRUCTION NOTES

- DESCRIPTION
- ① - INSTALL 6" PVC (SOR-35) SEWER MAIN PER R.C.S.D. STD. G20 AND S2010.
 - ② - INSTALL 48" DIA. SEWER MANHOLE PER R.C.S.D. STD. S2030.
 - ③ - INSTALL 4" SEWER LATERAL PER R.C.S.D. STD. S2080.

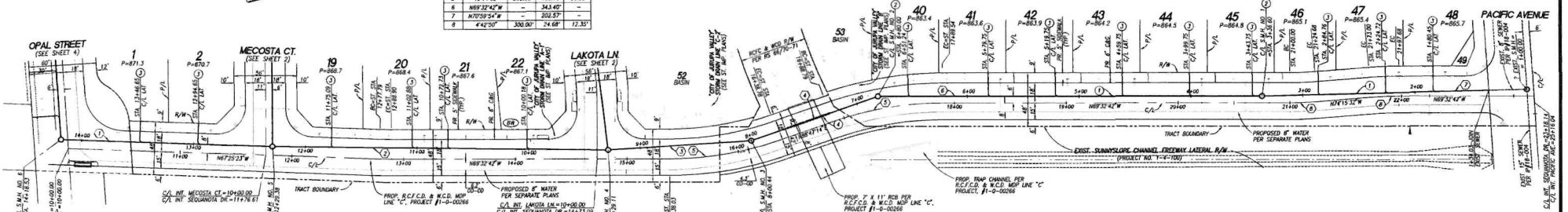
<p>Call before you dig 1-800-227-2800</p>	<p>BENCHMARK: SEE SHEET 1</p>	<p>RUBIDOUX COMMUNITY SERVICES DISTRICT</p>		<p>DESIGNED BY: H.V.C. DRAWN BY: H.V.C. CHECKED BY: JC SCALE: AS NOTED DATE: 5/10-2010</p>	<p>RUBIDOUX COMMUNITY SERVICES DISTRICT</p> <p>SEWER IMPROVEMENT PLAN TRACT NO. 37211 MECOSTA COURT AND LAKOTA LANE</p>	<p>SHEET 2 OF 4 SHEETS</p>
<p>APPROVED BY: ASSISTANT GENERAL MANAGER/ DISTRICT ENGINEER, P.C. 40313 VOID AFTER ONE YEAR FROM THIS DATE</p>		<p>PREPARED BY: STEVENSON, PORTO & PIERCE, INC. A LAND DEVELOPMENT SERVICES COMPANY 205 S. WOODBURY AVENUE #100 IRVINE, CA 92614 PHONE: (714) 491-1300</p>		<p>FOR: _____ W.O. _____ DWG. NO. _____ IP# 20-004</p>		



CURVE/LINE DATA TABLE

NO.	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N67°25'27"E	-	489.15	-
2	N08°44'27"W	-	300.00	-
3	N75°15'11"W	-	128.67	-
4	N58°47'14"E	-	120.44	-
5	S1°14'12"E	300.00	100.75	50.85
6	N57°32'42"W	-	343.40	-
7	N70°59'54"W	-	202.57	-
8	S42°50'	300.00	24.68	12.35

(*) NOTE
 CONTRACTOR TO VERIFY LINE AND GRADE PRIOR TO CONSTRUCTION & SHALL NOTIFY ENGINEER OF ANY PLAN DISCREPANCIES

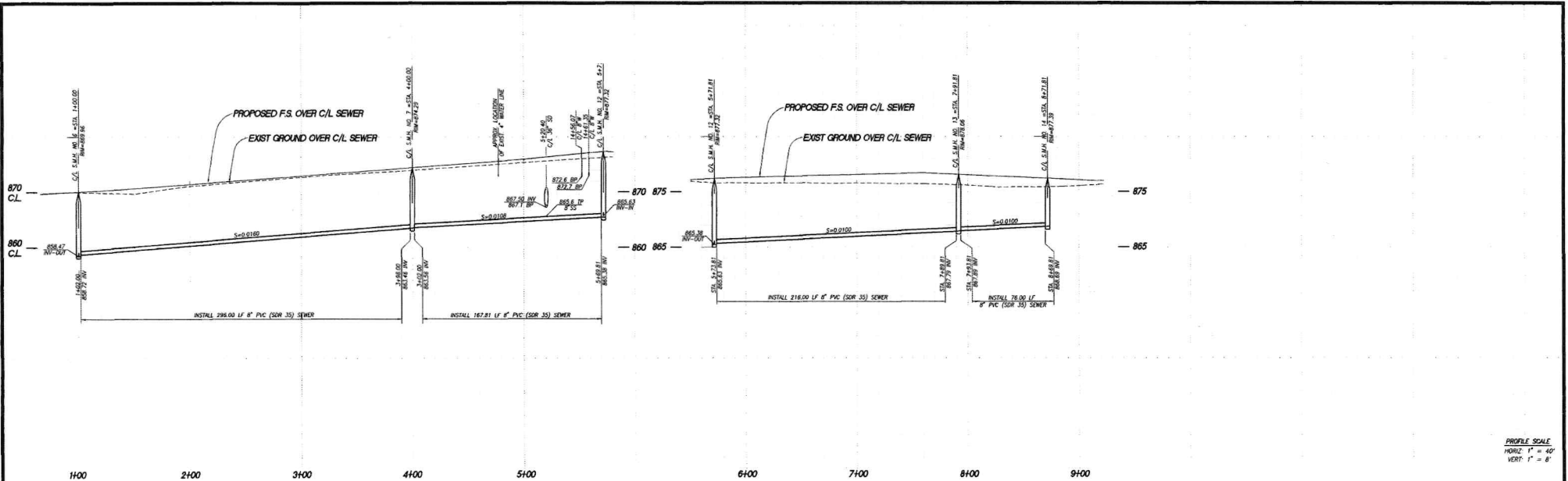


SEQUANOTA DRIVE

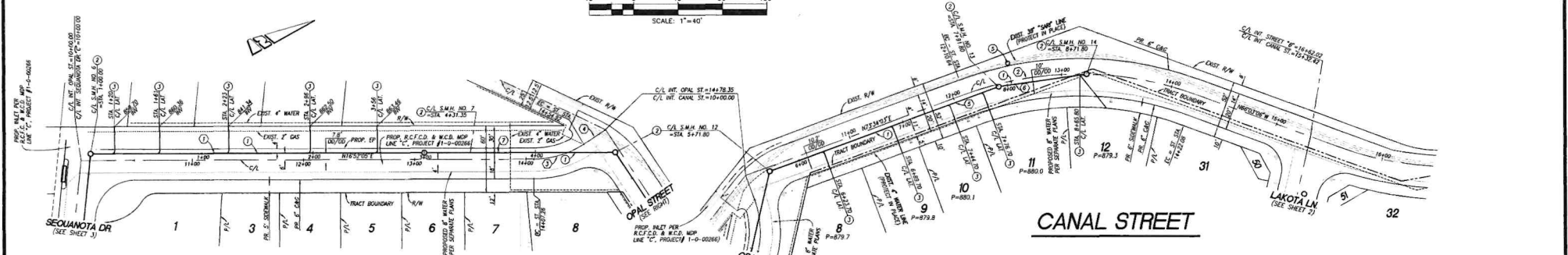
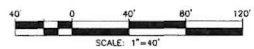
SEWER CONSTRUCTION NOTES

DESCRIPTION
① INSTALL 8" PVC (SDR-35) SEWER MAIN PER R.C.S.D. STD. G20 AND S2016.
② INSTALL 48" DIA. SEWER MANHOLE PER R.C.S.D. STD. S2030
③ INSTALL 4" SEWER LATERAL PER R.C.S.D. STD. S2080
④ INSTALL STEEL CASING INSULATORS PER PIPE CASING DETAIL ON SHEET 1.

<p>Call before you Dig 1-800-227-2800</p>	BENCHMARK: SEE SHEET 1	RUBIDOUX COMMUNITY SERVICES DISTRICT APPROVED BY: _____ DATE _____ ASSISTANT GENERAL MANAGER/ DISTRICT ENGINEER, PE #45132 VOID AFTER ONE YEAR FROM THIS DATE	DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____ SCALE: AS NOTED DATE: _____ JOB NO. 310-2010	RUBIDOUX COMMUNITY SERVICES DISTRICT SEWER IMPROVEMENT PLAN TRACT NO. 37211 SEQUANOTA DRIVE	SHEET 3 OF 4 SHEETS DWG. NO. IP# 20-004																
	<table border="1"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> <th>REV.</th> <th>APPR. DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	MARK	DATE	INITIAL	DESCRIPTION	REV.	APPR. DATE													PREPARED BY: STEVENSON, PORTO & PIERCE, INC. A LAND DEVELOPMENT SERVICES COMPANY 285 S. BONDURANT AVENUE #105 BREA, CA 92611 PHONE: (714) 490-1500	PLANS PREPARED UNDER THE SUPERVISION OF: DWIGHT Z. CHEN R.C.E. #C31394
MARK	DATE	INITIAL	DESCRIPTION	REV.	APPR. DATE																



PROFILE SCALE
HORIZ. 1" = 40'
VERT. 1" = 8'



OPAL STREET

CURVE/LINE DATA TABLE

NO.	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N18°52'07"E	-	344.35'	-
2	40°25'21"	300.00'	211.43'	-
3	S18°12'00"	42.66'	24.52'	24.52'
4	N18°52'57"W	-	23.43'	-
5	N72°24'00"E	-	220.00'	-
6	N83°22'00"W	-	40.00'	-
7	N18°52'07"E	-	130.45'	-

CANAL STREET

SEWER CONSTRUCTION NOTES

- DESCRIPTION
- ① - INSTALL 8" PVC (SDR-35) SEWER MAIN PER R.C.S.D. STD. S20 AND S2010.
 - ② - INSTALL 48" DIA SEWER MANHOLE PER R.C.S.D. STD. S2030.
 - ③ - INSTALL 4" SEWER LATERAL PER R.C.S.D. STD. S2080.
 - ④ - ADJUST SEWER MANHOLE TO GRADE PER SANTA ANA WATERSHED PROJECT AUTHORITY SPECS. #
- # MANHOLE AND/OR SHAFT EXTENSION SHALL HAVE A PVC LINER PER SANTA ANA WATERSHED PROJECT AUTHORITY DRAWING NO. S-06

	BENCHMARK: SEE SHEET 1	RUBIDOUX COMMUNITY SERVICES DISTRICT APPROVED BY: _____ DATE: _____ <small>ASSISTANT GENERAL MANAGER/ DISTRICT ENGINEER PE 14513</small> VOID AFTER ONE YEAR FROM THIS DATE.		DESIGNED BY: _____ CHECKED BY: _____ SCALE: AS NOTED DATE: _____ JOB NO. 810-2110	RUBIDOUX COMMUNITY SERVICES DISTRICT SEWER IMPROVEMENT PLAN TRACT NO. 37211 OPAL STREET AND CANAL STREET	SHEET 4 OF 4 SHEETS IP# 20-004
--	-------------------------------	---	--	---	--	--

EXHIBIT C

Conveyance Documents

**RECORDING REQUESTED BY
AND
WHEN RECORDED MAIL TO:**

RUBIDOUX COMMUNITY
SERVICES DISTRICT
P.O. 3098
Rubidoux, CA 92519-3098

EXEMPT FROM RECORDING FEES PER GOVT.
CODE §6103
EXEMPT FROM DOCUMENTARY TRANSFER
TAX PER REV. & TAX CODE §11922

Space above this line for Recorder's use

GRANT DEED AND BILL OF SALE

FOR GOOD AND VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, _____ ("**Grantor**") hereby grants and conveys to RUBIDOUX COMMUNITY SERVICES DISTRICT, a public agency organized and existing under and by virtue of the Community Services District Law ("**Grantee**") all sewer improvements ("**RCSD Facilities**") which Grantor has constructed within the public street right-of-way commonly known _____, located in the City of Jurupa Valley, County of Riverside, State of California.

Plans of such RCSD Facilities are included with *Exhibit "A"*, attached hereto, and *Exhibit "B"* provides a written description of same, attached hereto.

[SIGNATURES ON FOLLOWING PAGE]

[SIGNATURE PAGE TO GRANT DEED AND BILL OF SALE]

IN WITNESS WHEREOF, Grantor has caused this instrument to be executed on the date set forth below.

Dated: _____

GRANTOR:

By: _____

Name: _____

Title: _____

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 Riverside)

On _____, before me, _____, a Notary Public, personally appeared _____, 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 _____

EXHIBIT " A "

DEPICTION OF RCSD FACILITIES INCLUDED IN THIS CONVEYANCE

[to be attached]

EXHIBIT "B"

Description
of Location of
RCSD Facilities

DESCRIPTION OF FACILITIES

DETAILED DESCRIPTION.

**CERTIFICATE OF ACCEPTANCE OF AND CONSENT TO
GRANT DEED AND BILL OF SALE**

THIS IS TO CERTIFY that the attached Grant Deed and Bill of Sale for all sewer improvements which HIGHPOINTE EMERALD RIDGE, LLC (“Grantor”) has constructed within the public street commonly known as Avalon Street between Alta Street and Mission Boulevard, is hereby accepted by the RUBIDOUX COMMUNITY SERVICES DISTRICT (“Grantee”) on the date set forth below. Grantee consents to the recordation thereof by its duly authorized officer. Grantee acknowledges and agrees that Grantee shall be responsible for ownership, operation and maintenance of such utility assets.

Date: _____, 2024

(SEAL)

RUBIDOUX COMMUNITY SERVICES DISTRICT

By: _____

Name: Brian Laddusaw

Its: General Manager

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 Riverside)

On _____, before me, _____, a Notary Public, personally appeared _____, 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 _____

8. **ACTION / DISCUSSION ITEMS** (continued)

- C. **DM 2024-26:** Consider Proposal from Albert A. Webb Associates for Engineering Services for the Jurupa Hills Force Main Replacement Alignment Study

Rubidoux Community Services District

Board of Directors

John Skerbelis, President
Hank Trueba Jr., Vice-President
Bernard Murphy
Armando Muniz
F. Forest Trowbridge

General Manager

Brian R. Laddusaw



Water Resource Management Refuse Collection Street Lights Fire / Emergency Services Weed Abatement

DIRECTORS MEMORANDUM 2024-26

March 21, 2024

To: Rubidoux Community Services District
Board of Directors

Subject: Consider Proposal from Albert A. Webb Associates for Engineering Services for the Jurupa Hills Force Main Replacement Alignment Study

BACKGROUND:

The Rubidoux Community Services District ("District") has lift stations and associated several forced mains within the District. Lift stations are located in areas of the wastewater collection system that are below the invert elevation of the wastewater collection pipelines which continue gravity flow to the District's main lift station, the Regional Lift Station which conveys wastewater from the District to the Riverside Wastewater Treatment Plant. Each lift station pumps the wastewater through what is called a forced main under pressure. One such of these lift stations and associated forced main are called the Jurupa Hills Lift Station and the Jurupa Hills Forced Main.

The exact alignment of the Jurupa Hills Forced Main is not known even though the District attempted to locate it when rebuilding the Jurupa Hills Lift Station in 2020. Staff desires to determine its exact alignment in consideration of its replacement and received a proposal from Albert A. Webb Associates ("Webb") to perform this task. The replacement of this force main may have unavoidable impacts to the back yard improvements with some of the homes within Tract 4560 if it is replaced in the same alignment. There are two other potential alignments, but both require additional easements. The first is within the Jurupa Hills Country Club golf course along an existing access road and the second is within Candlelight Drive, Cross River Drive and possibly Linares Ave, however work would be required within one residential lot.

Webb's proposal is to present several options to the District for consideration on possible relocation of the forced main. Additionally, Webb will prepare a conceptual force main plan for the replacement along three different alignments. One of the key issues is access to the existing easement for the existing force main. It appears that it will be difficult to construct a new force main within the existing 10-ft wide easement without encroaching into the residential parcels or into the neighboring golf course property. Issues with each alignment will be

identified such as easements required, impact on existing properties, pavement repairs, feasibility of construction, length, and cost. This would come in the form of a Technical Memorandum. Webb's proposal for this work is \$37,604.

The District anticipated this work in preparation of the F.Y. 2023|2024 Budget and included \$200,000 for this effort in line 2 of the Sewer Replacement Project Budget. No budget amendment is necessary. Staff recommends a contingency of \$5,396 (~14%), authorizing a total project cost of \$43,000, and issuing a Task Order to Webb for this work for a not to exceed amount of \$37,604 with any expenditure over \$37,604 subject to prior Staff approval. It should also be noted that the District will need to prepare construction documents to go out to bid on this project if the decision is made to replace the existing forced main. This will be brought to the Board for consideration at a future date if it is deemed necessary to replace the forced main.

RECOMMENDATION:

Staff recommends the Board of Directors consider authorizing the General Manager to:

1. Utilize \$43,000 of funds in line 2 of the F.Y. 2023|2024 Sewer Replacement Project Budget for this effort.
2. Issue a Task Order to Albert A. Webb Associates in the not to exceed amount of \$37,604 to prepare a Technical Memorandum Replacement Alignment Study for the Jurupa Hills Forced Main.

Respectfully,



BRIAN R. LADDUSAW, CPA
General Manager

Attach:

1. Albert A. Webb Associates – Project Proposal
2. F.Y. 2023|2024 Sewer Replacement Project Budget

February 27, 2024

Mr. Ted Beckwith, P.E.
Director of Engineering
RUBIDOUX COMMUNITY SERVICES DISTRICT
3590 Rubidoux Blvd.
Jurupa Valley, CA 92509

RE: Proposal for Engineering Services for the Jurupa Hills Force Main Replacement Alignment Study

Dear Mr. Beckwith:

Pursuant to the District's request, we are providing this proposal for an alignment study for the future Jurupa Hills Force Main Replacement.

PROJECT UNDERSTANDING

It is our understanding that the District requires an alignment study for the replacement of the existing Jurupa Hills Force Main located in Linares Ave and within a 10' wide easement in the backyards of homes within Tract 4560. The existing 6-in A.C. force main pipeline conveys flows from the Jurupa Hills Lift Station to a gravity manhole near the intersection of Linares Ave and Pico Ave. The existing force main has a minimum depth of 30-in according to the available record drawings. The replacement of this force main may have unavoidable impacts to the back yard improvements with some of the homes within Tract 4560 if it is replaced in the same alignment. There are two other potential alignments, but both require additional easements. The first is within the Jurupa Hills Country Club golf course along an existing access road and the second is with within Candlelight Drive, Cross River Drive and possibly Linares Ave however work would be required within one residential lot.

SCOPE OF WORK

Task 1. Mapping and Utility Research

The research involved in obtaining right-of-way and easement documents is crucial for determining the horizontal constraints of the proposed facilities within the public right-of-way, the existing easements and properties that might have future easements. The information gathered will be utilized by the project's licensed land surveyor in determining the basis for the project's survey control.

WEBB will use GIS available mapping to prepare a base plan showing all of the three possible alignments. No field survey will be conducted at this point of the project.

We will contact the utility companies to obtain atlas maps of their facilities and locations, size and depth of the facilities within the project area. Our Team will review the project area in

detail looking for additional evidence of underground utilities, such as cut pavement and risers. All utility information received will then be added to the project base maps. No potholing will be performed at this stage.

WEBB will obtain up to four preliminary title reports for the project, one for the golf course property, two title reports for where the proposed easements might be located and one representative of the existing force main easement.

Task 2. Alignment Study

WEBB will prepare a conceptual force main plan for the replacement along three different alignments. One of the key issues is access to the existing easement for existing force main. It appears that it will be difficult to construct a new force main within the existing 10-ft wide easement without encroaching into the residential parcels or into the neighboring golf course property. Issues with each alignment will be identified such as easements required, impact on existing properties, pavement repairs, feasibility of construction, length, and cost.

Task 3. Technical Memorandum

WEBB will prepare a technical memorandum documenting our findings, conclusions and recommendations.

Task 4. Project Management

This task provides for the effort to manage the project including budget, schedule, staff, as well as regular internal meetings, and invoicing. Our budget includes a kickoff meeting, and one alignment review/coordination meeting.

Deliverables

- Technical Memorandum with three alignments and cost estimates.
- Kick off Meeting with agenda and minutes.
- Alignment Review/Coordination Meeting with presentation, agenda and minutes.

Additional Services

Services which are not specifically identified herein as services to be performed by WEBB are considered Additional Services for the purposes of this Proposal. The District may request WEBB to perform services which are additional services. WEBB will perform such additional services upon execution of an amendment to the Original Agreement setting forth the scope, schedule and fee for such additional services. WEBB will also provide prior notice to the District, and obtain acceptance from same, before performing work outside the contract work scope and thereby contract budget amount.

PROJECT TEAM

The WEBB primary project team members are as follows:

Project Manager: Siming Zhang, PE
Project Engineer: Elizabeth Xiong, PE
QA/QC: Joseph Caldwell, PE

PROJECT SCHEDULE

Our budget is based on the entire design process taking up to 6 months; if more time is required, then a budget augment may be requested. The anticipated schedule is as follows:

<u>Task</u>	<u>Completion Date</u>
Kick Off Meeting	April 1, 2024
Mapping	June 1, 2024
Utility Research	June 1, 2024
Alignment Study	July 1, 2024
Draft Technical Memorandum	August 1, 2024
Final Technical Memorandum	Two weeks from receipt of RCSD comments

PROJECT FEE/FEE SUMMARY

WEBB is committed to providing the highest quality service to the District and to provide quality engineering services for this project. After preparing a detailed scope of work for this project, we have included all the necessary items required to successfully complete it and believe our team experience will generate an efficient processing of the project deliverables. Based upon the project’s scope of work, a summary of our engineering services budget is as follows:

<u>TASK</u>	<u>TOTAL ESTIMATED SERVICES BUDGET</u>
I. Mapping and Utility Research	\$ 14,127
II. Alignment Study	\$ 9,049
III. Technical Memorandum	\$ 9,110
IV. Project Management	\$ 5,318
Total Fee For Services =	\$ <u>37,604</u>

The proposed fee includes \$7,470 to obtain up to four preliminary title reports. Unforeseen additional work activities may arise as the project progresses. As such, the District may wish to allocate an additional 10-15 percent of the total services budget for allocation purposes only. A detailed man-hour breakdown of the services budget is included.

We appreciate the opportunity to be of continued service and look forward to hearing from you. If you have any questions or concerns, do not hesitate to contact me at 951-686-1070.

Sincerely,

ALBERT A. WEBB ASSOCIATES



Bradley A. Sackett
Senior Engineer



Bruce A. Davis
Senior Vice President



Jurupa Hills Force Main Replacement Alignment Study
 Rubidoux Community Services District

Item	Description	Siming Zhang Principal II	Bradley Sackett Principal II	Elizabeth Xiong Associate III	Joseph Caldwell Principal II	Lexi Hinkley Project Coordinator	Chandler Drachslin Assistant V	Michael Johnson Principal II	Total Hours	Subtotal - Labor	Expenses	Total/task	Total/task ¹
	Billout Rate	\$ 302	\$ 302	\$ 233	\$ 302	\$ 135	\$ 189	\$ 302					
Task 1 - Survey and Utility Research		4	3	12		6	6	2	33	\$ 7,458	\$ 6,669	\$ 14,127	\$ 14,127
1.1	Map Preparation			1			6		7	\$ 1,367	\$ -	\$ 1,367	\$ 1,367
1.2	Engineering Field Walk	3	3	3					9	\$ 2,511	\$ 25	\$ 2,536	\$ 2,536
1.3	Utility Research	1		6		6			13	\$ 2,510	\$ 244	\$ 2,754	\$ 2,754
1.4	Preliminary Title Reports (4)			2				2	4	\$ 1,070	\$ 6,400	\$ 7,470	\$ 7,470
Task 2 - Alignment Study		6	4	24	1	1			36	\$ 9,049	\$ -	\$ 9,049	\$ 9,049
2.1	Conceptual Alignments	2		12	1				15	\$ 3,702	\$ -	\$ 3,702	\$ 3,702
2.2	Issues and Risks	2	4	8					14	\$ 3,676	\$ -	\$ 3,676	\$ 3,676
2.3	Cost Estimates	2		4		1			7	\$ 1,671	\$ -	\$ 1,671	\$ 1,671
Task 3 - Technical Memorandum			10	14	4	12			40	\$ 9,110	\$ -	\$ 9,110	\$ 9,110
3.1	Draft		6	8	4	8			26	\$ 5,964	\$ -	\$ 5,964	\$ 5,964
3.2	Final		4	6		4			14	\$ 3,146	\$ -	\$ 3,146	\$ 3,146
Task 4 - Bidding Support		7	5	3		7			22	\$ 5,268	\$ 50	\$ 5,318	\$ 5,318
4.1	Kick off meeting	2	1			2			5	\$ 1,176	\$ 25	\$ 1,201	\$ 1,201
4.2	Design Review meeting (1)	1	2	3		1			7	\$ 1,740	\$ 25	\$ 1,765	\$ 1,765
4.3	Project Management	4	2			4			10	\$ 2,352	\$ -	\$ 2,352	\$ 2,352
Total		17	22	53	5	26	6	2	131	\$ 30,885	\$ 6,719	\$ 37,604	\$ 37,604

1. Rounded to the nearest \$1.

Rubidoux Community Services District Sewer Replacement Project Budget

	Actual YTD March 2023	Annual Budget 2022/2023 ^[1]	Projected Year End 2022/2023	Favorable (Unfavorable) Variance	Audited 2021/2022	Adopted Budget 2023/2024
Income						
1 Sales Sewer Replacement	84,228	113,100	112,512	(588)	101,346	-
TOTAL SEWER RPLCMT PROJ. REVENUE	\$84,228	\$113,100	\$112,512	(\$588)	\$101,346	\$0
Expense						
2 Jurupa Hills Force Main	-	200,000	-	200,000	-	200,000
3 Avalon Sewer Improvements	-	-	-	-	2,338	-
4 Belltown Lift Station Rehab	-	100,000	-	100,000	-	100,000
5 Pipeline Replacement	-	-	-	-	-	100,000
Total Expense	-	300,000	-	300,000	2,338	400,000
Transfers						
6 Transfer to/(from) Replacement Reserves	84,228	(186,900)	112,512	(299,412)	99,008	(400,000)
7 Transfer to/(from) Water Fund	-	-	-	-	-	-
Total Transfers	84,228	(186,900)	112,512	(299,412)	99,008	(400,000)
TOTAL SEWER RPLCMT PROJ. EXPENSES	\$84,228	\$113,100	\$112,512	\$588	\$101,346	\$0

[1] Includes budget amendments adopted by Board of Directors up through June 1, 2023.

8. **ACTION / DISCUSSION ITEMS** (continued)

- D. **CLOSED SESSION**: Pursuant to Government Code Section 54956.9:
Legal Counsel Status on Litigation Case No. CIVDS 1310520, City of
Riverside vs. Rubidoux Community Services District

9. **DIRECTORS COMMENTS AND REQUEST**

10. **NEXT MEETING**

Thursday, April 4, 2024, at 4:00 p.m.

11. ADJOURNMENT