



Tahoe-Truckee Sanitation Agency
Regular Board Meeting
May 20, 2020

TAHOE-TRUCKEE SANITATION AGENCY

A Public Agency
13720 Butterfield Drive
TRUCKEE, CALIFORNIA 96161
(530) 587-2525 • FAX (530) 587-5840



Directors

Dale Cox: President
Dan Wilkins: Vice President
Jon Northrop
Blake Tresan
S. Lane Lewis

General Manager

LaRue Griffin

BOARD OF DIRECTORS REGULAR MEETING NOTICE AND AGENDA

Date: May 20, 2020

Time: 9:00 AM

This meeting will be conducted entirely by teleconferencing in accordance with Governor Newsom's Executive Order (#N-29-20) and the Board Room will not be accessible to the public. The following are the video conferencing: <https://global.gotomeeting.com/join/960900701> and audio teleconferencing call-in information: phone no. (877) 568-4106, access code: 960-900-701. If you are an individual with a disability and need assistance or accommodation to participate in this teleconference meeting, please contact Mrs. Roshelle Chavez at (530)587-2525 or rchavez@ttsa.net.

Members of the public will have the opportunity to directly address the Agency Board of Directors concerning any item listed on the Agenda below before or during consideration of that item via email. For more information on the process to participate in the meeting via computer, tablet or phone, see the accompanying *Guidelines for Using GoToMeeting for T-TSA May 20 Board of Directors Meeting*. To better accommodate members of the public and staff, some Agenda items may be considered in an order different than listed below.

- I. Call to Order, Roll Call, and Pledge of Allegiance**
- II. Public Comment** Discussion items only, no action to be taken. Any person may address the Board at this time upon any subject that is within the jurisdiction of Tahoe-Truckee Sanitation Agency and that does not appear on the agenda. Any matter that requires action may be referred to staff for a report and action at a subsequent Board meeting. Please note there is a five (5) minute limit per person. In addition to or in lieu of public comment, any person may submit a written statement concerning Agency business to be included in the record of proceedings and filed with the meeting minutes. Any such statement must be provided to the recording secretary at the meeting.
- III. Professional Achievements, Awards and Anniversaries** Acknowledgement of staff for professional achievement and other awards.
- IV. Consent Agenda** Consent Agenda items are routine items that may be approved without discussion. If an item requires discussion, it may be removed from the Consent Agenda prior to action.
 1. Approval of the minutes of the regular Board meeting on April 15, 2020.
 2. Approval of general fund warrants.
 3. Approval of financial statements.

4. Approval of Progress Pay Estimate No. 1 for the 2020 Plant Painting project.
5. Approval of Progress Pay Estimate No. 2 for the Portable Emergency Pump Systems.

V. Regular Agenda

1. Report from April 15, 2020 closed session meeting.
2. Approval to award bids for the procurement of ferric chloride, hydrated lime, liquid chlorine, and methanol.
3. Approval to negotiate a contract for the procurement of liquid oxygen.
4. Approval to advertise for the 2020 Digital Scanning of Sewer Lines project.
5. Approval to negotiate a contract for the 2020 Corten Wall Additions project.
6. Approval to appoint an ad hoc committee for the Agency Organizational Assessment.
7. Discussion of temporary sewer service charge and connection fee payment relief due to economic hardships caused by COVID-19.
8. Discussion of fiscal year 2020-2021 financial budget tables.
9. Report concerning recent U.S. Supreme Court decision in *County of Maui v. Hawaii Wildlife Fund* relating to scope of Clean Water Act.

VI. Management Team Report

1. Department Reports.
2. General Manager Report.

VII. Board of Director Comment Opportunity for directors to ask questions for clarification, make brief announcements and reports, provide information to staff, request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.

VIII. Adjournment

Posted and Mailed, 05/15/20



LaRue Griffin
Secretary to the Board

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, then please contact Roshelle Chavez at 530-587-2525 or 530-587-5840 (fax) or email rchavez@ttsa.net. Requests must be made as early as possible, and at least one-full business day before the start of the meeting.

Documents and material relating to an open session agenda item that are provided to the T-TSA Board of Directors less than 72 hours prior to a regular meeting will be available for public inspection and copying at the Agency's office located at 13720 Butterfield Drive, Truckee, CA.

TAHOE-TRUCKEE SANITATION AGENCY



A Public Agency
13720 Butterfield Drive
TRUCKEE, CALIFORNIA 96161
(530) 587-2525 • FAX (530) 587-5840

Directors

Dale Cox: President
Dan Wilkins: Vice President
Jon Northrop
Blake Tresan
S. Lane Lewis

General Manager

LaRue Griffin

Guidelines for Using GoToMeeting for T-TSA May 20 Board of Directors Meeting

Before the Meeting:

- GoToMeeting can be used in a web only application, on mobile devices, or as a desktop version. The desktop version is recommended as it has the most functionality. The app may be downloaded here: <https://global.gotomeeting.com/install/960900701>

To Join the Meeting:

- Video teleconference: You can join the meeting via computer, tablet, or phone which will allow greater functionality such as having a name associated with your caller-ID.
 - Join using this link: <https://global.gotomeeting.com/join/960900701>. If you do not have a microphone with your video conference, please call in via audio teleconference to as described below.
- Audio Teleconference: You can join the meeting via phone only.
 - Join by calling the following phone number: [\(877\) 568 4106](tel:8775684106)
 - You will then be asked for the Access Code: [960-900-701](tel:960900701)
 - If you choose to participate via audio teleconference only, press # when prompted for your audio pin.

Controls:

- If you are attending the meeting via video teleconference, please utilize the settings tab at the top of the control panel titled “webcam” to control your video. You are encouraged to share your video stream.
- Mute/Unmute – Please mute yourself when you are not speaking, regardless of teleconference method. If needed, the organizer can also mute/unmute you to keep order for the meeting. You can do this using your phone’s controls or using the controls on GoToMeeting.

Board Discussion:

- Board President Cox will chair the meeting. After staff introduces an agenda item, Directors will be given the opportunity to provide comment one-by-one as called on by President Cox.

Public Comment Option:

- After the Directors have discussed an agenda item, President Cox will move to receive public comment on the item. Mrs. Chavez will call on individual attendees to sequence comment.
- If you are attending the meeting via video or audio teleconference and would like to submit a public comment or comment on a specific Agenda item, please email Mrs. Roshelle Chavez, Administrative Manager at comment@ttsa.net. Identify your email subject title comment as "I have a comment". In the body of the email please state if you wish to make a public comment or a comment on a specific Agenda item.
- All requests to make a comment will be called in the order received.

Motions:

- All motions will be taken by roll call vote.



TAHOE-TRUCKEE SANITATION AGENCY
MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: LaRue Griffin, General Manager
Item: I
Subject: Call to Order, Roll Call, and Pledge of Allegiance

Background

Call to Order, Roll Call, and Pledge of Allegiance.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: LaRue Griffin, General Manager
Item: II
Subject: Public Comment

Background

Discussion items only, no action to be taken. Any person may address the Board at this time upon any subject that is within the jurisdiction of Tahoe-Truckee Sanitation Agency and that does not appear on the agenda. Any matter that requires action may be referred to staff for a report and action at a subsequent Board meeting. There is a five (5) minute limit per person.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Vicky Lufrano, Human Resources Administrator
Item: III
Subject: Professional Achievements, Awards & Anniversaries

Background

Acknowledgement of staff for professional achievements, awards and anniversaries received the previous calendar month or quarter.

Achievements and Promotions

- Collin Fischer – Promoted to Operations Shift Supervisor
- Robert Holmes – Retired after 14 years of service
- Mark Heidelberger – Retiring after 20 years of service

1-Year, 5-Year, 10-Year, 15-Year, 20-Year, Etc. Anniversaries

- Michael Peak – Operations Manager – 25 years of service (May 2020)

Fiscal Impact

None.


Attachments

None.

Recommendation

No action required.

Review Tracking

Submitted By: 
Vicky Lufrano
Human Resources Administrator

Approved By: 
LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Roshelle Chavez, Administrative Manager
Item: IV-1
Subject: Approval of the minutes of the regular Board meeting on April 15, 2020

Background

Draft minutes from previous meeting(s) held are presented to the Board of Directors for review and approval.

Fiscal Impact

None.

Attachments

Minutes of the regular Board meeting on April 15, 2020.

Recommendation

Management recommends approval of the minutes of the regular Board meeting on April 15, 2020.

Review Tracking

Submitted By: 
Roshelle Chavez
Administrative Manager

Approved By: 
LaRue Griffin
General Manager

BOARD OF DIRECTORS
REGULAR MEETING MINUTES

April 15, 2020

I. Call to Order:

This meeting was conducted via GoToMeeting teleconferencing as described in the April 15, 2020 meeting agenda and the accompanying Guidelines for Using GoToMeeting for T-TSA April 15 Board of Directors Meeting. President Cox called the regular meeting of the Tahoe-Truckee Sanitation Agency Board of Directors to order at 9:00 AM. Roll call and Pledge of Allegiance followed.

Directors Present: Dale Cox, SVPSD (via teleconference)
Dan Wilkins, TCPUD (via teleconference)
S. Lane Lewis, NTPUD (via teleconference)
Jon Northrop, ASCWD (via teleconference)
Blake Tresan, TSD (via teleconference)

Staff Present: LaRue Griffin, General Manager (via teleconference)
Roshelle Chavez, Administrative Services Manager (via teleconference)
Jay Parker, Engineering Manager (via teleconference)
Michael Peak, Operations Manager (via teleconference)
Richard Pallante, Maintenance Manager (via teleconference)
Robert Gray, Information and Technology Manager (via teleconference)
Vicky Lufrano, Human Resources Administrator (via teleconference)
Richard P. Shanahan, Agency Counsel (via teleconference)
Monna Radulovich, Agency Special Counsel (via teleconference)
Aaron Carlsson, Engineering Department (via teleconference)
Scott Fleming, Engineering Department (via teleconference)
Jaime Garcia, Maintenance Department (via teleconference)
Jesus Zarate, Maintenance Department (via teleconference)
Paul Shouse, Maintenance Department (via teleconference)
Greg O'Hair, Operations Department (via teleconference)
Brandon Dimond, Operations Department (via teleconference)
Troy Kilgore, Operations Department (via teleconference)
Michelle Mackey, Administration Department (via teleconference)
Dawn Davis, Administration Department (via teleconference)
Angelina Henson, Administration Department (via teleconference)
Tiffany Hambrick, Administration Department (via teleconference)

Public Present: Michael Spohr, Public (via teleconference)

II. Public Comment.

There was no public comment. No action was taken by the Board.

III. Professional Achievements, Awards & Anniversaries.

Mrs. Vicky Lufrano acknowledged Agency staff whom obtained professional achievements, awards, and anniversaries received for the previous calendar month to the Board of Directors.

IV. Consent Agenda

1. Approval of the minutes of the special Board meeting on February 12, 2020.
2. Approval of general fund warrants.
3. Approval of financial statements

MOTION by Director Wilkins **SECOND** by Director Tresan to approve the Consent Agenda items; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Wilkins, Northrop, Tresan, Lewis and President Cox.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

V. Regular Agenda

1. Appeal of connection fees for APN 092-100-004-00

Mr. Spohr, owner of APN 092-100-004-00, addressed the Board of Directors and appealed the General Manager's determination of the ADU connection fee assessed to his parcel. Mr. Spohr believes the ADU square footage is 47% of the main residence square footage, therefore, the connection base fee should be proportionately adjusted to 47% of \$1,500 which is approximately \$705. The calculated connection fee for the ADU per Agency Ordinance No. 2-2020 is \$3,600. After Board of Director discussion, the appeal of the connection fees for APN 092-100-004-00 was denied.

MOTION by Director Lewis **SECOND** by Director Tresan to deny the appeal of connection fees for APN 092-100-004-00; unanimously denied.

The Board approved the motion by the following roll call vote:

AYES: Directors Wilkins, Northrop, Tresan, Lewis and President Cox.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

2. Approval of updated Employee Handbook.

Ad hoc committee members, Director Cox and Director Tresan, provided an update to the Board of Directors and recommended the updated employee handbook be adopted. After discussion, Directors Tresan, Lewis, Wilkins and President Cox thanked Mrs. Lufrano and Mr. Griffin for their efforts in updating the handbook and staff for their feedback and participation.

Director Cox solicited public comment and received comment from Mr. Paul Shouse, Agency I&E Supervisor. Mr. Shouse informed the Directors that he wished to thank everyone for their hard work and diligence on the employee handbook and for accommodating so much of the combined staff feedback into the handbook. Mrs. Dawn Davis, Agency Accounting Technician, stated she agreed with Mr. Shouse's statement. No other public comment was received.

MOTION by Director Wilkins **SECOND** by Director Northrop to approve the updated Employee Handbook; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES:	Directors Wilkins, Northrop, Tresan, Lewis and President Cox.
NOES:	None
ABSENT:	None
ABSTAIN:	None

Motion passed.

3. Discussion and action on Resolution No. 2-2020 establishing rules and regulations for the administration of employer-employee relations.

Mrs. Vicky Lufrano presented Resolution No. 2-2020 to the Board of Directors and discussed the changes to the bargaining units from the previous draft resolution from the February 12, 202 meeting. The five (5) bargaining units previously proposed were amended to three (3) bargaining units as follows:

1. **General Unit:** Operator in Training, Operator I/II/III, Lead Maintenance Mechanic, Maintenance Mechanic I/II/III, Inventory Control Specialist, Instrumentation and Electrical Technician I/II/III, Administrative Assistant I/II, Accounting Technician I/II, Customer Service Specialist I/II and Purchasing Agent I/II.
2. **Professional/Technical Unit:** Chemist I/II/III, Assistant/Associate Engineer, Safety Officer and Information Technology Specialist.
3. **Supervisory/Managerial Unit:** Operations Supervisor, Operations Shift Supervisor, Instrumentation and Electrical Supervisor, Maintenance Supervisor, Customer Service Supervisor, Accounting Supervisor, Senior Engineer, Chief Plant Operator, Laboratory Director, Operations Department Manager, Maintenance Department Manager,

Information Technology Department Manager, Engineering Department Manager, and Administrative Department Manager.

Mrs. Monna Radulovich of WPR, addressed Director questions and provided information on the proposed bargaining units.

After discussion, President Cox solicited public comment and received comment from Mr. Paul Shouse, Agency I&E Supervisor. Mr. Shouse informed the Directors that he had personal experience in bargaining units and found that creating separation between supervision and general staff can be crucial in avoiding conflicts. He added that there are often times when general staff disagree with management and he recommended supervision classifications not be in the same bargaining units as general staff. No other public comment was received.

MOTION by Director Wilkins **SECOND** by Director Tresan to approve Resolution No. 2-2020 establishing rules and regulations for the administration of employer-employee relations; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES:	Directors Wilkins, Northrop, Tresan, Lewis and President Cox.
NOES:	None
ABSENT:	None
ABSTAIN:	None

Motion passed.

4. Approval of the updated Laboratory Director and Chief Plant Operator classification descriptions.

MOTION by Director Lewis **SECOND** by Director Northrop to approve the updated Laboratory Director and Chief Plant Operator classification descriptions; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES:	Directors Wilkins, Northrop, Tresan, Lewis and President Cox.
NOES:	None
ABSENT:	None
ABSTAIN:	None

Motion passed.

5. Approval of Agency Investment Policy.

MOTION by Director Lewis **SECOND** by Director Northrop to approve the Agency Investment Policy; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Wilkins, Northrop, Tresan, Lewis and President Cox.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

6. Approval to purchase the portable plant air compressor.

MOTION by Director Lewis **SECOND** by Director Northrop to approve the purchase of the portable plant air compressor; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Wilkins, Northrop, Tresan, Lewis and President Cox.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

VI. Management Team Reports

1. Department Reports.

Mr. Peak provided an update on current and past projects for the operations department and reported that all waste discharge requirements were met for the month.

Mr. Pallante provided an update on current and past projects for the maintenance department.

Mr. Gray provided an update on current and past projects for the information and technology department.

Mrs. Chavez provided an update on current and past projects for the administration department.

No action was taken by the Board.

2. General Manager Report

Mr. Griffin provided an update on the status of various ongoing projects, none of which required action by the Board.

No action was taken by the Board.

VII. Board of Director Comment

Director Cox expressed his gratitude to Mrs. Chavez for her assistance in preparing IT hardware for the GoToMeeting teleconference.

Director Tresan expressed thanks to all T-TSA staff for making the transition to the COVID-19 mitigation schedule while continuing our mission and keeping staff safe. Director Northrop and Director Lewis agreed and said staff was doing a great job considering the circumstances.

Director Wilkins suggested teleconference participants use headset to possibly reduce electrical feedback.

MOTION by Director Lewis **SECOND** by Director Northrop to adjourn the open session of the meeting; unanimously approved.

The Board approved the motion by the following roll call vote:

AYES: Directors Wilkins, Northrop, Tresan, Lewis and President Cox.
NOES: None
ABSENT: None
ABSTAIN: None

Motion passed.

VIII. CLOSED SESSION

1. Closed session conference with legal counsel – existing litigation (Government Code section 54956.9(d)(1)), P. Fay v. Agency.
2. Closed session conference with legal counsel for existing administrative proceeding (Government Code section 54956.9(d)(1)) – International Brotherhood of Electrical workers, Local 1245 v. Agency (PERB Case No. SA-CE-1017-M).
3. Closed session to hear complaints or charges brought against an employee by another person.

IX. ADJOURNMENT

There being no further business, the meeting was adjourned at 12:11 PM.

LaRue Griffin
Secretary to the Board

Approved: _____



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Roshelle Chavez, Administrative Manager
Item: IV-2
Subject: Approval of general fund warrants

Background

The Agency has recently implemented the Caselle software program and the report of general fund warrants is attached as prepared by the software. It should be noted, payroll summaries are now excluded from the general fund warrants and are incorporated into the financial statements.

All warrants are paid and payable for the previous calendar month(s).

Fiscal Impact

Decrease in Agency general fund per the warrant amounts.

Attachments

Report of general fund warrants.

Recommendation

Management recommends approval of the general fund warrants paid and payable.

Review Tracking

Submitted By: 
Roshelle Chavez
Administrative Manager

Approved By: 
LaRue Griffin
General Manager

Payee	Check Number	Check Issue Date	Description	Amount
ACCURATE AIR ENGINEERING				
	85404	04/15/2020	GARDNER DENVER OIL FILTER	270.72
	85404	04/15/2020	3 in centerline 800 series wafer check valve 03R1644D1X	1,560.66
Total ACCURATE AIR ENGINEERING:				1,831.38
AIRGAS USA LLC				
	85405	04/15/2020	NITROGEN CYLINDER NI300	158.90
Total AIRGAS USA LLC:				158.90
ALLIED ELECTRONICS				
	85406	04/15/2020	SIEMENS 6ES79710BA00 LITHIUM 3.6 2.3AH BATTERIES FOR S7-400 POWER	211.94
Total ALLIED ELECTRONICS:				211.94
ALPHA ANALYTICAL INC				
	85407	04/15/2020	INVOICE 36664	2,090.00
	85407	04/15/2020	INVOICE 36720	25.00
	85407	04/15/2020	INVOICE 36876	210.00
	85477	04/15/2020	1Q20 SLUDGE TESTING	275.00
Total ALPHA ANALYTICAL INC:				2,600.00
AMAZON CAPITAL SERVICES				
	85408	04/15/2020	KOLERFLO 3/4" HOT WATER PUMP STAINLESS S SPEED PUMP GREEN	115.82
	85408	04/15/2020	Solimo Hydrogen Peroxide Topical Solution 32oz	5.96
	85408	04/15/2020	Lucy's distilled white vinegar 1 gallon pk/2	18.90
	85408	04/15/2020	XPRITE 12v DC Cigar Lighter socket plug monetary connector with on/ off toggle s	9.73
	85408	04/15/2020	DELL LATITUDE 15 5580 FHD LAP TOP	947.12
	85408	04/15/2020	MORRIS G31275-B 12" GALLON CAN SWAB APPLICATOR	144.24
Total AMAZON CAPITAL SERVICES:				1,241.77
ARAMARK WORK APPAREL				
	85409	04/15/2020	ARAMARK MATS	156.76
	85409	04/15/2020	ARAMARK TOWELS	14.34
	85409	04/15/2020	ARAMARK SVC CHARGE	10.50
Total ARAMARK WORK APPAREL:				181.60
AT&T 630 582-0827 966 5				
	85410	04/15/2020	TELEPHONE BILL 966	136.73
	85410	04/15/2020	TELEPHONE BILL 966	1,230.58
Total AT&T 530 582-0827 966 5:				1,367.31
AT&T ACCT #171-800-7674 001				
	85411	04/15/2020	TELEPHONE BILL 001	97.09
	85411	04/15/2020	TELEPHONE BILL 001	873.90
Total AT&T ACCT #171-800-7674 001:				970.99
AT&T ACCT 831-000-6939 380				
	85412	04/15/2020	TELEPHONE BILL 380	132.06
	85412	04/15/2020	TELEPHONE BILL 380	1,188.63

Payee	Check Number	Check Issue Date	Description	Amount
Total AT&T ACCT 831-000-6939 380:				1,320.69
BARTKIEWICZ, KRONICK & SHANAHAN				
	85465	04/15/2020	LEGAL FEES	5,880.00
Total BARTKIEWICZ, KRONICK & SHANAHAN:				5,880.00
BHA ALTAIR LLC				
	85413	04/15/2020	FILTER CARTRIDGE	2,010.62
Total BHA ALTAIR LLC:				2,010.62
BILL PINDAR				
	85414	04/15/2020	REIMBURSEMENT	163.07
Total BILL PINDAR:				163.07
BZ SERVICE STATION MAINTENANCE INC				
	85415	04/15/2020	12' GOODYEAR HOSE & LABOR/TRAVEL/MILEAGE	607.00
Total BZ SERVICE STATION MAINTENANCE INC:				607.00
CALIFORNIA STATE BOARD OF EQUALIZAT				
	4222001	04/22/2020	1ST QTR USE TAX 2020	12.00
	4222001	04/22/2020	1ST QTR USE TAX 2020	288.00
	4222001	04/22/2020	1ST QTR USE TAX 2020	224.00
	4222001	04/22/2020	1ST QTR USE TAX 2020	50.00
	4222001	04/22/2020	1ST QTR USE TAX 2020	16.00
	4222001	04/22/2020	1ST QTR USE TAX 2020	215.00
	4222001	04/22/2020	1ST QTR USE TAX 2020	52.00
	4222001	04/22/2020	1ST QTR USE TAX 2020	8.00
	4222001	04/22/2020	1ST QTR USE TAX 2020	8.00
Total CALIFORNIA STATE BOARD OF EQUALIZAT:				873.00
CASELLE				
	85416	04/15/2020	HOSTED APPLICATION SOFTWARE	1,250.00
Total CASELLE:				1,250.00
CH2M HILL				
	85459	04/15/2020	TASK ORDER # 32	93,438.27
Total CH2M HILL:				93,438.27
CORELOGIC INFORMATION SOLUTIONS, IN				
	85469	04/15/2020	MONTHLY BILL	463.50
Total CORELOGIC INFORMATION SOLUTIONS, IN:				463.50
CSRMA % ALLIANT INSURANCE SERVICES				
	85417	04/15/2020	CSRMA DEDUCTIBLE RECOVERY	86.00
Total CSRMA % ALLIANT INSURANCE SERVICES:				86.00

Payee	Check Number	Check Issue Date	Description	Amount
CUTTING IMAGE LLC				
	85418	04/15/2020	#10 Regular Window Envelopes with address printed on	188.65
	85418	04/15/2020	Requisition forms. Black ink. 3 part NCR. Starting at #59001 (pkg 1000)	410.07
Total CUTTING IMAGE LLC:				598.72
CWEA				
	85419	04/15/2020	MEMBER RENEWAL SMITH	192.00
	85419	04/15/2020	CERT RENEW SMITH	89.00
	85478	04/15/2020	HOLMES GRD 3 MECH TECH RENEW	99.00
	85482	04/22/2020	MEMBER RENEW DIMOND	192.00
Total CWEA:				572.00
DATCO SERVICES CORP.				
	85461	04/15/2020	QUARTERLY FEES	458.25
Total DATCO SERVICES CORP.:				458.25
DELL COMPUTER CORP. C/O DELL USA L.				
	85472	04/15/2020	Dell Precision 5530	2,064.31
	85472	04/15/2020	Dell Mobile Adapter DA300	78.85
	85472	04/15/2020	Wireless Keyboard Mouse KM717	73.49
	85472	04/15/2020	Dell Thunderbolt Dock WD19TB	228.35
	85472	04/15/2020	FIXED HARDWARE CONFIGURATION	22.42
Total DELL COMPUTER CORP. C/O DELL USA L.:				2,467.42
FERGUSON ENTERPRISES,INC. #1423				
	85420	04/15/2020	1 PVC S80 SXS 90 ELL	26.13
	85420	04/15/2020	1" PVC Tee Sch 80 Slip	38.89
	85420	04/15/2020	1"x1/2" Spigot x FPT Reducing PVC Busing Scho 80 P80SFBGD	35.16
	85420	04/15/2020	1" Galvanized 90 Elbow IG9G	75.07
	85420	04/15/2020	1" Galvanized 90 Street Elbow GS9G	70.67
	85420	04/15/2020	1" Bronze Full Port FNPT Gate Valve NT113LPG	145.86
	85420	04/15/2020	1" Conduit Clamp Strut Steinbss Steel BB2010SS4	30.92
	85420	04/15/2020	1/2 WROT CXCX TEE 5/8 OD	18.52
	85420	04/15/2020	1" PVC 90 Elbow sch 80 P80S9G	26.13
	85420	04/15/2020	CREDIT FOR INVOICE 8362420	26.13
	85420	04/15/2020	SVC CHARGE FEB	17.11
Total FERGUSON ENTERPRISES,INC. #1423:				458.33
FISHER SCIENTIFIC COMPANY				
	85421	04/15/2020	NITRILE GLOVES XL CASES 19-130-1597E	56.08
	85421	04/15/2020	AMBER GLASS VIALS 12-100-108 CASES	499.60
	85481	04/15/2020	Nitrile Gloves, M 19-130-1597C CASES	737.24
	85481	04/15/2020	LTB MEDIA 500G DF0241-17-0	468.78
	85481	04/15/2020	BGB MEDIA 500G DF0007-17-4	663.63
Total FISHER SCIENTIFIC COMPANY:				2,425.33
GLOBAL INDUSTRIAL				
	85422	04/15/2020	ELKAY & HALSEY 1500 GALLON REPLACEMENT FILTER CARTRIDGE 51299C	256.51
Total GLOBAL INDUSTRIAL:				256.51

Payee	Check Number	Check Issue Date	Description	Amount
GRAINGER INC., W.W.				
	85423	04/15/2020	WELD ON HEAVY BODIED PVC GLUE 1 GALLON 6UYN9	104.06
	85423	04/15/2020	WELD ON PURPLE PVC PRIMER 16 OZ JARS (NEED1 GALLON TOTAL)	108.60
	85423	04/15/2020	STANDARD O RING SPLICING KIT VITON # 1RHA3	208.13
Total GRAINGER INC., W.W.:				420.79
HACH CHEMICAL COMPANY				
	85424	04/15/2020	POUR THROUGH CELL 1CM A24209	898.24
Total HACH CHEMICAL COMPANY:				898.24
HOFFMAN SOUTHWEST CORP				
	85484	04/27/2020	Retention #1	353.50
	85484	04/27/2020	Retention #2	3,290.86
	85484	04/27/2020	Retention #3	3,644.36
Total HOFFMAN SOUTHWEST CORP:				7,288.72
HUNT & SONS INC.				
	85425	04/15/2020	FUEL OIL WWINTERIZATION	6,069.49
	85425	04/15/2020	FUEL OIL WWINTERIZATION	674.38
	85425	04/15/2020	UNLEADED GASOLINE 480 GALLONS	1,569.99
	85425	04/15/2020	ON ROAD DIESEL 200 GALLONS	626.08
	85425	04/15/2020	DEC FINANCE CHARGE	171.43
Total HUNT & SONS INC.:				9,111.37
HYDRO-DYNE ENGINEERING INC				
	85468	04/15/2020	Brush Influent 5.5" x27" long	116.54
	85468	04/15/2020	Brush Influent 3" wide x 27" long W2210151 Brush 3.00-ZZ	689.52
Total HYDRO-DYNE ENGINEERING INC:				806.06
ILEANA VASSILIOU				
	85479	04/15/2020	TRAINING	1,400.00
	85479	04/15/2020	TRAINING	600.00
	85479	04/15/2020	TRAINING	1,000.00
Total ILEANA VASSILIOU:				3,000.00
INSTRUMART.COM				
	85426	04/15/2020	Rosemount 0306 Inline Manifold 0306RT12AA11	223.23
	85426	04/15/2020	Rosemount 2088 Absolute and Gauge Pressure Transmitter 2088G2522A1M5B4S	1,844.36
Total INSTRUMART.COM:				2,067.59
J&L PRO KLEEN INC				
	85427	04/15/2020	JANITORIAL SVC FOR MARCH	2,300.00
Total J&L PRO KLEEN INC:				2,300.00
JEROEN PREISS, AIMS TEAM LLC				
	85474	04/15/2020	ON CALL PROFESSIONAL SVC	6,080.00
Total JEROEN PREISS, AIMS TEAM LLC:				6,080.00

Payee	Check Number	Check Issue Date	Description	Amount
LHOIST NORTH AMERICA				
	85428	04/15/2020	HYDRATED LIME	8,684.51
	85428	04/15/2020	HYDRATED LIME	8,772.55
Total LHOIST NORTH AMERICA:				17,457.06
LIBERTY UTILITIES				
	85475	04/15/2020	ELECTRIC BILL	24.13
	85475	04/15/2020	ELECTRIC BILL	.64
	85475	04/15/2020	ELECTRIC BILL	47.63
	85475	04/15/2020	ELECTRIC BILL	29.45
	85475	04/15/2020	ELECTRIC BILL	22.59
Total LIBERTY UTILITIES:				124.44
MAGID GLOVE & SAFETY CO LLC				
	85429	04/15/2020	Electrical Glove Testing (pairs)	157.97
	85429	04/15/2020	CREDIT MEMO	139.32
	85483	04/22/2020	LARGE NITRILE GLOVES ASTRO GRIP 66573 BOXES	128.71
	85483	04/22/2020	X LARGE NITRILE GLOVES ASTRO GRIP 66574 BOXES	128.71
	85483	04/22/2020	Acid Gas Cartridge Honeywell North N75002L	416.98
Total MAGID GLOVE & SAFETY CO LLC:				693.05
MARK MESSERSCHMIDT				
	85460	04/15/2020	REIMBURSEMENT CDL MESSERSCHMIDT	58.25
Total MARK MESSERSCHMIDT:				58.25
MOTION INDUSTRIES				
	85430	04/15/2020	GATES 5VX600 SUPER HC V-BELT 9414-0600 00676836	241.71
Total MOTION INDUSTRIES:				241.71
MOUNTAIN HARDWARE				
	85431	04/15/2020	SPRAY BOTTLES	15.10
Total MOUNTAIN HARDWARE:				15.10
MSC INDUSTRIAL SUPPLY				
	85432	04/15/2020	EDWARDS SIGNALING 120VAC LED RED FLASHING LIGHT MSC # 62956602	733.76
Total MSC INDUSTRIAL SUPPLY:				733.76
NAPA- SIERRA				
	85433	04/15/2020	ALTERNATOR	103.55
	85433	04/15/2020	CORE FOR ALTERNATOR	59.54
	85433	04/15/2020	MINIATURE BULB PACK OF 20	12.77
	85433	04/15/2020	TREAD DEPTH GAUGE	7.57
	85433	04/15/2020	NAPA GOLD OIL FILTER 1032	18.64
	85433	04/15/2020	REAR BRAKE PADS FOR VHCL-9	214.32
	85433	04/15/2020	21IN & 24IN TRICO ICE BLADES	37.87
	85476	04/15/2020	SKID STEER EQUIPMENT	1,051.19
Total NAPA- SIERRA:				1,505.45

Payee	Check Number	Check Issue Date	Description	Amount
NAVIA BENEFIT SOLUTIONS				
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	10.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	5.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	1.25 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	25.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	5.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	13.75 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	6.25 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	2.50 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	1.25 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	36.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	18.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	4.50 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	90.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	49.50 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	18.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	22.50 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	9.00 I
	4212001	04/21/2020	COBRA/PARTICIPANT FEES	4.50 I
	4212001	04/21/2020	HRA DISBURSEMENTS-ADJUSTMENT	242.48- I
	4212001	04/21/2020	HRA DISBURSEMENTS	688.00 I
	4212001	04/21/2020	HRA DISBURSEMENTS	38.35 I
	4212001	04/21/2020	HRA DISBURSEMENTS	718.69 I
	4212001	04/21/2020	HRA DISBURSEMENTS	4.40 I
	4212001	04/21/2020	HRA DISBURSEMENTS	35.00 I
	4212001	04/21/2020	HRA DISBURSEMENTS	35.00 I
	4212001	04/21/2020	HRA DISBURSEMENTS	1,189.28 I
	4212001	04/21/2020	HRA DISBURSEMENTS	78.14 I
	4212001	04/21/2020	HRA DISBURSEMENTS	1,297.74 I
	4212001	04/21/2020	HRA DISBURSEMENTS	15.00 I
	4212001	04/21/2020	HRA DISBURSEMENTS	558.22 I
	4302001	04/30/2020	HRA DISBURSEMENTS	1.62 I
	4302001	04/30/2020	HRA DISBURSEMENTS	514.12 I
	4302001	04/30/2020	HRA DISBURSEMENTS	4.32 I
Total NAVIA BENEFIT SOLUTIONS:				5,287.40
NORTHERN SIERRA AQMD				
	85485	04/29/2020	APPLICATION FEE FOR PIONEER PUMP PERMIT	407.92 I
Total NORTHERN SIERRA AQMD:				407.92
OFFICE DEPOT				
	85434	04/15/2020	CYAN TONER FOR M551XH CE401A 680143	212.96
	85434	04/15/2020	MAGENTA TONER FOR M551XH CE403A 680206	212.96
	85434	04/15/2020	#10 WINDOW ENVELOPE BLANK 9467590 BOXES	281.41
Total OFFICE DEPOT:				707.33
PAYMENTUS GROUP INC				
	85435	04/15/2020	TRANS FEES FOR FEB 2020	388.50
	85464	04/15/2020	TRANS FEES FOR MARCH	22.00 I
Total PAYMENTUS GROUP INC:				410.50

Payee	Check Number	Check Issue Date	Description	Amount
PDM STEEL SVC CNTRS INC-SPARKS NV				
	85436	04/15/2020	3/16 X 2-1/2 COLD DRAWN BAR STOCK	48.72
	85436	04/15/2020	2-1/2 X 2-1/2 X3/16 WALL STEEL STRUCTURAL TUBING	144.64
	85436	04/15/2020	1-1/4 DIA X .191 WALL THK BLACK STEEL PIPE	161.88
Total PDM STEEL SVC CNTRS INC-SPARKS NV:				355.24
PERS-RETIREMENT				
	4212002	04/21/2020	LAUREY RBF	38.07
Total PERS-RETIREMENT:				38.07
PINNACLE TOWERS INC.				
	85437	04/15/2020	TOWER RENTAL	721.99
Total PINNACLE TOWERS INC.:				721.99
PLATT ELECTRIC COMPANY				
	85438	04/15/2020	HOFFMAN JUNCTION BOX 12"X12"X6" STAINLESS STEEL A1212CHNFSS	702.11
	85438	04/15/2020	ALLIED METAL SNAP LATCH JUNCTION BOX AMY1084LF	92.98
Total PLATT ELECTRIC COMPANY:				795.09
PRAXAIR DISTRIBUTION INC				
	85439	04/15/2020	CYLINDER RENTAL CREDIT	67.33-
	85439	04/15/2020	CYLINDER RENTAL	68.23
Total PRAXAIR DISTRIBUTION INC:				.90
QUADIENT				
	85440	04/15/2020	QUARTERLY BILL METER RENTAL	173.66
Total QUADIENT:				173.66
R.F. MACDONALD COMPANY				
	85441	04/15/2020	RETENTION	3,751.80
	85467	04/15/2020	BOILER SVC	4,188.25
Total R.F. MACDONALD COMPANY:				7,940.05
REED ELECTRIC				
	85442	04/15/2020	Teardown & Testing Spare BNR Blower Motor	500.00
Total REED ELECTRIC:				500.00
ROSHELLE CHAVEZ				
	85443	04/15/2020	REIMB CELL PHONE	42.80
Total ROSHELLE CHAVEZ:				42.80
ROY SMITH COMPANY				
	85444	04/15/2020	LIQUID OXYGEN	2,895.97
	85444	04/15/2020	LIQUID OXYGEN	738.43
	85444	04/15/2020	LIQUID OXYGEN	1,895.74
	85444	04/15/2020	LIQUID OXYGEN	2,849.00
	85444	04/15/2020	LIQUID OXYGEN	803.11

Payee	Check Number	Check Issue Date	Description	Amount
Total ROY SMITH COMPANY:				9,182.25
RYAN SCHULTZ				
	85458	04/06/2020	I&E OVERCERT	250.00
Total RYAN SCHULTZ:				250.00
SAFEWAY INC.				
	85473	04/15/2020	SAFEWAY GROCERIES	49.57
Total SAFEWAY INC.:				49.57
SHRED-IT USA				
	85445	04/15/2020	SHRED IT BILL	296.00
Total SHRED-IT USA:				296.00
SIERRA FILTRATION PRODUCTS INC				
	85480	04/15/2020	20x26x2 SPEACIAL PLEAT	118.49
	85480	04/15/2020	20x25x2 SC PLEAT	49.89
	85480	04/15/2020	20x20x2 SC PLEAT	87.57
	85480	04/15/2020	16X25X2 SC PLEAT	42.75
	85480	04/15/2020	18X25X2 SC PLEAT	54.44
	85480	04/15/2020	16X20X2 SC PLEAT	113.03
	85480	04/15/2020	18X25X1 SC PLEAT	22.74
	85480	04/15/2020	8.25X20X1 SPECIAL PLEAT	46.12
	85480	04/15/2020	14.5X22.5 PRE CUT POLY PAD	21.31
	85480	04/15/2020	24X48X1 SPECIAL POLY RING	120.57
	85480	04/15/2020	13X30X1 SPECIAL POLY RING	70.16
	85480	04/15/2020	12X21X1 SPECIAL POLY RING	212.12
Total SIERRA FILTRATION PRODUCTS INC:				959.19
TAHOE FOREST HOSP. DIST./TAHOE WORX				
	85466	04/15/2020	EMPLOYEE SCREENING	103.00
	85466	04/15/2020	EMPLOYEE SCREENING	34.00
Total TAHOE FOREST HOSP. DIST./TAHOE WORX:				137.00
TAHOE SUPPLY COMPANY LLC				
	85446	04/15/2020	1 GALLON 6% SODIUM HYPCHLORITE (6 GALLONS/CASE)	37.73
Total TAHOE SUPPLY COMPANY LLC:				37.73
TAHOE TRUCKEE DISPOSAL				
	85471	04/15/2020	CENTRIFUGE	13,320.72
	85471	04/15/2020	SLUDGE	24,326.98
Total TAHOE TRUCKEE DISPOSAL:				37,647.70
TELEDYNE INSTRUMENTS INC				
	85447	04/15/2020	LOTIX VIAL INSERTS 15-2899-079	39.86
	85447	04/15/2020	COPPER 20 MESH 1.5OZ 511-895	37.59
	85447	04/15/2020	TIN 20 MESH 1.5OZ 511-895	37.25

Payee	Check Number	Check Issue Date	Description	Amount
Total TELEDYNE INSTRUMENTS INC:				114.70
THATCHER COMPANY OF CA INC				
	85448	04/15/2020	CHLORINE EMPTIES	4,000.00-
	85448	04/15/2020	METHANOL	12,158.66
Total THATCHER COMPANY OF CA INC:				8,158.66
TRUCKEE DONNER PUD				
	85449	04/15/2020	ELECTRIC BILL	5.14
	85449	04/15/2020	ELECTRIC BILL	46.33
	85449	04/15/2020	ELECTRIC BILL	5.95
	85449	04/15/2020	ELECTRIC BILL	53.57
	85449	04/15/2020	ELECTRIC BILL	2.73
	85449	04/15/2020	ELECTRIC BILL	24.59
	85449	04/15/2020	ELECTRIC BILL	7,530.91
	85449	04/15/2020	ELECTRIC BILL	67,778.24
	85449	04/15/2020	WATER BILL	11.68
	85449	04/15/2020	WATER BILL	105.12
Total TRUCKEE DONNER PUD:				75,564.26
U.S. BANK BANK CARD DIVISION				
	4302002	04/30/2020	AD HOC MEETING	38.93 I
	4302002	04/30/2020	LYSOL SPRAY LINEN	34.06 I
	4302002	04/30/2020	SANITIZER SUPPLIES	203.39 I
	4302002	04/30/2020	FUEL	57.23 I
	4302002	04/30/2020	BOD DESK PLATE HOLDER	105.65 I
	4302002	04/30/2020	MICROWAVE	162.37 I
	4302002	04/30/2020	MICROWAVE	162.36 I
	4302002	04/30/2020	COMBO SHEAR PLASTIC/METAL 12"	501.92 I
	4302002	04/30/2020	RACK ATS, 100/120V, 15A, 5-15 IN, 5-15R OUT	1,000.26 I
	4302002	04/30/2020	MONTHLY CHARGES	17.99 I
	4302002	04/30/2020	MONTHLY CHARGES	100.00 I
	4302002	04/30/2020	MONTHLY CHARGES	900.00 I
	4302002	04/30/2020	MONTHLY CHARGES	60.00 I
	4302002	04/30/2020	MONTHLY CHARGES	237.50 I
	4302002	04/30/2020	MONTHLY CHARGES	7.31 I
	4302002	04/30/2020	MONTHLY CHARGES	265.90 I
	4302002	04/30/2020	RETURN BOOTS SALINAS-INCORRECT TYPE ORDERED	216.49- I
	4302002	04/30/2020	20 MICRON SCREEN KIT	326.48 I
	4302002	04/30/2020	1-1/2" SEDIMENT REMOVAL WATER FILTER	631.45 I
	4302002	04/30/2020	APC SMART-UPS X 3000VA RACK/TOWER LCD	2,207.00 I
	4302002	04/30/2020	SOFTWARE	37.92 I
	4302002	04/30/2020	4 WAY BRASS SOLENOID VALVE	370.16 I
	4302002	04/30/2020	AKG-AL5-OIL COOLER	812.36 I
	4302002	04/30/2020	CABLE TIE NATURAL	35.71 I
	4302002	04/30/2020	FLEX TUBING	44.56 I
	4302002	04/30/2020	ANALYTICAL BALANCE	2,983.69 I
	4302002	04/30/2020	APC SMART UPS SMT 1500C	530.24 I
	4302002	04/30/2020	DEWALT DW8853 METAL CUTTING WHEEL	251.59 I
	4302002	04/30/2020	FAN US MOTORS	659.89 I
	4302002	04/30/2020	STAINLESS STEEL BLANK METAL TAGS	18.27 I
	4302002	04/30/2020	CABLE TIES	129.96 I
	4302002	04/30/2020	RKI INSTRUMENTS ALLIGATOR CLIP	86.05 I

Payee	Check Number	Check Issue Date	Description	Amount
Total U.S. BANK BANK CARD DIVISION:				12,763.71
ULINE				
	85450	04/15/2020	FOAM COATED NITRILE GLOVES XL DZ S-19890-X	132.73
	85450	04/15/2020	FOAM COATED NITRILE GLOVES XL DZ S-19890-X	90.52
	85450	04/15/2020	FOAM COATED NITRILE GLOVES XL DZ S-19890-M	48.30
Total ULINE:				271.55
UNIFIRST CORPORATION				
	85451	04/15/2020	OPERATIONS UNIFORMS	112.03
	85451	04/15/2020	SAFETY DEPT UNIFORMS	11.14
	85451	04/15/2020	MAINTENANCE UNIFORMS	73.17
	85451	04/15/2020	ENGINEERING UNIFORMS	4.29
	85451	04/15/2020	I & E UNIFORMS	64.41
	85451	04/15/2020	LAB UNIFORMS	12.19
	85451	04/15/2020	IT UNIFORMS	7.34
	85451	04/15/2020	OPERATIONS UNIFORMS	112.03
	85451	04/15/2020	SAFETY UNIFORMS	11.14
	85451	04/15/2020	MAINTENANCE UNIFORMS	73.17
	85451	04/15/2020	ENGINEERING UNIFORMS	4.29
	85451	04/15/2020	I & E UNIFORMS	64.41
	85451	04/15/2020	LAB UNIFORMS	12.19
	85451	04/15/2020	IT UNIFORMS	7.34
	85451	04/15/2020	UNIFORMS	112.03
	85451	04/15/2020	UNIFORMS	11.14
	85451	04/15/2020	UNIFORMS	73.17
	85451	04/15/2020	UNIFORMS	4.29
	85451	04/15/2020	UNIFORMS	64.41
	85451	04/15/2020	UNIFORMS	12.19
	85451	04/15/2020	UNIFORMS	7.34
	85470	04/15/2020	UNIFORMS	12.33
	85470	04/15/2020	UNIFORMS	81.31
	85470	04/15/2020	UNIFORMS	64.48
	85470	04/15/2020	UNIFORMS	12.26
	85470	04/15/2020	UNIFORMS	11.38
	85470	04/15/2020	UNIFORMS	7.44
	85470	04/15/2020	UNIFORMS	117.09
Total UNIFIRST CORPORATION:				1,160.00
UNIVERSAL BLOWER PAC INC				
	85463	04/15/2020	AIR FILTER ROUND PAPER 14" PART # 81-0475	592.65
Total UNIVERSAL BLOWER PAC INC:				592.65
VERIZON WIRELESS				
	85452	04/15/2020	VERIZON BILL	79.00
	85452	04/15/2020	VERIZON BILL	50.06
	85452	04/15/2020	VERIZON BILL	79.00
	85452	04/15/2020	VERIZON BILL	215.67
	85452	04/15/2020	VERIZON BILL	28.94
Total VERIZON WIRELESS:				452.67

Payee	Check Number	Check Issue Date	Description	Amount
VICKY LUFRANO				
	85453	04/15/2020	REIMB CELL PHONE	42.80
	85462	04/15/2020	REIMB ADVERTISEMENT FOR OPS SHIFT SUPV	290.00
Total VICKY LUFRANO:				332.80
WATER ENVIRONMENTAL FEDERATION				
	85454	04/15/2020	WEF MEMBERSHIP ID 17975268 RENEWAL	145.00
Total WATER ENVIRONMENTAL FEDERATION:				145.00
WECO INDUSTRIES LLC				
	85455	04/15/2020	Knuckle Valve 3" Inlet 18" HG Vacuum Valve GAP-Val 020525	561.27
Total WECO INDUSTRIES LLC:				561.27
WESTERN ENV. TESTING LAB.				
	85456	04/15/2020	INVOICE 121125	76.91
	85456	04/15/2020	INVOICE 121154	76.91
	85456	04/15/2020	INVOICE 121178	76.91
	85456	04/15/2020	INVOICE 121262	76.91
	85456	04/15/2020	INVOICE 121275	76.91
	85456	04/15/2020	INVOICE 121589	76.91
	85456	04/15/2020	INVOICE 121590	76.91
	85456	04/15/2020	INVOICE FC218	4.84
Total WESTERN ENV. TESTING LAB.:				543.21
ZORO				
	85457	04/15/2020	SUPER 88 ELECTRICAL TAPE 3/4"66' G3280383 ROLLS	125.78
	85457	04/15/2020	KNEE PRO KNEE PADS G9475173	92.51
	85457	04/15/2020	100A TIME DELAY RK1 FUSE G0794832	762.00
Total ZORO:				980.29
Grand Totals:				342,275.35

Dale Cox _____

Dan Wilkins _____

Jon Northrop _____

Blake Tresan _____

S. Lane Lewis _____

LaRue Griffin _____

Date _____



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Roshelle Chavez, Administrative Manager
Item: IV-3
Subject: Approval of financial Statements

Background

Attached are the financial statements for the previous calendar month(s); each of which include (1) fund summaries, (2) end of month cash balances, and (3) L.A.I.F. statements.

Summaries are provided for Fund 00: Administration; Fund 01: Operations and Maintenance; Fund 02: Wastewater Capital Reserve Fund; Fund 04: State Revolving Fund Wastewater Capital Reserve Fund; Fund 06: Replacement, Rehabilitation and Upgrade; and Fund 07: Emergency Reserve Fund.

Summaries of the expenditure and revenue activity are provided for Funds 00, 01, 02 and 06.

The end of month combined cash investment table provides the end of month balances for all Agency cash accounts, which reconciles with Agency end of month fund balances.

The L.A.I.F. statement provides detail on activity within the account.

Fiscal Impact

None.

Attachments

Report of financial statements.

Recommendation

Management recommends approval of the financial statements.

Review Tracking

Submitted By: 
Roshelle Chavez
Administrative Manager

Approved By: 
LaRue Griffin
General Manager



Tahoe-Truckee Sanitation Agency
 Fund 00: Administration
 Fiscal Year 2019 - 2020
 Period Ending April 30, 2020

	Budget \$	Month \$	Month %	YTD \$	YTD %
REVENUE					
Tax Revenue - Ad Valorem	3,900,000.00	89,975.00	2.3	2,367,067.95	60.7
TOTAL REVENUE	3,900,000.00	89,975.00	2.3	2,367,067.95	60.7
EXPENDITURE					
Salaries & Wages	1,040,000.00	65,519.81	6.3	845,527.85	81.3
Employee Benefits	753,450.00	66,278.36	8.8	536,987.08	71.3
Director Fees	7,000.00	0.00	0.0	5,500.00	78.6
Vehicle	1,950.00	501.11	25.7	4,789.73	245.6
CSRMA Insurance	175,000.00	0.00	0.0	144,544.44	82.6
Professional Memberships	27,710.00	0.00	0.0	26,551.00	95.8
Agency Permits & Licenses	0.00	0.00	0.0	0.00	0.0
Office Expense	132,850.00	1,223.44	0.9	57,806.38	43.5
Contractual Services	154,500.00	690.00	0.4	125,996.26	81.6
Professional Services	644,000.00	24,086.75	3.7	496,047.66	77.0
Conferences & Training	31,500.00	4,500.00	14.3	25,162.78	79.9
Uncollectable Accounts	2,000.00	0.00	0.0	52.50	2.6
Utilities	105,200.00	8,530.07	8.1	81,435.13	77.4
TOTAL EXPENDITURE	3,075,160.00	171,329.54	5.6	2,350,400.81	76.4
NET INCOME	824,840.00			16,667.14	



Tahoe-Truckee Sanitation Agency
 Fund 01: Operation and Maintenance
 Fiscal Year 2019 - 2020
 Period Ending April 30, 2020

	Budget \$	Month \$	Month %	YTD \$	YTD %
REVENUE					
Income From Service Charges	13,000,000.00	269,647.45	2.1	8,773,792.25	67.5
TOTAL REVENUE	13,000,000.00	269,647.45	2.1	8,773,792.25	67.5
EXPENDITURE					
Salaries & Wages	4,790,000.00	298,119.21	6.2	3,536,661.52	73.8
Employee Benefits	2,909,000.00	317,552.24	10.9	2,236,798.22	76.9
Vehicle	71,000.00	5,307.36	7.5	44,063.07	62.1
Professional Memberships	15,500.00	1,610.00	10.4	9,607.00	62.0
Agency Permits & Licenses	176,000.00	54.24	0.0	173,728.37	98.7
Office Expense	152,000.00	15,591.54	10.3	100,733.69	66.3
Contractual Services	1,711,500.00	144,729.57	8.5	1,410,531.40	82.4
Professional Services	650,000.00	99,518.27	15.3	465,907.57	71.7
Conferences & Training	62,500.00	1,500.00	2.4	18,100.69	29.0
Utilities	953,000.00	67,782.10	7.1	670,549.99	70.4
Supplies, Repairs & Maintenance	711,500.00	97,987.64	13.8	615,842.06	86.6
TOTAL EXPENDITURE	12,202,000.00	1,049,752.17	8.6	9,282,523.58	76.1
NET INCOME	798,000.00			(508,731.33)	



Tahoe-Truckee Sanitation Agency
 Fund 02: Wastewater Capital Reserve
 Fiscal Year 2019 - 2020
 Period Ending April 30, 2020

DESCRIPTION	Budget	Month	Month	YTD	YTD
	\$	\$	%	\$	%
Barscreens, Washer, Compactor	350,000.00	-	-	273,026.97	78.0
Operation and Maintenance Cart	25,000.00	-	-	-	-
Portable Emergency Pump System	400,000.00	-	-	25,288.26	6.3
Plant Air Compressor	25,000.00	-	-	-	-
Security Improvements	50,000.00	-	-	-	-
Utility/Snow Vehicle	50,000.00	-	-	31,408.94	62.8
SUB TOTAL	900,000.00	-	-	329,724.17	36.6
Debt Payment on SRF Loan (73.2%)	2,587,684.00	-	-	2,377,167.95	91.9
TOTAL	3,487,684.00	-	-	2,706,892.12	77.6



Tahoe-Truckee Sanitation Agency
 Fund 06: Replacement, Rehabilitation and Upgrade
 Fiscal Year 2019 - 2020
 Period Ending April 30, 2020

DESCRIPTION	Budget \$	Month \$	Month %	YTD \$	YTD %
Lab Equipment Replacement	25,000.00	2,983.69	11.9	8,269.08	33.1
Admin. Office Improvement *	66,000.00	-	-	88,150.51	133.6
Accounting Software Upgrade	90,000.00	-	-	24,313.00	27.0
EDPM Roof Replacement	420,000.00	-	-	134,550.30	32.0
VFD Replacements	30,000.00	-	-	26,813.67	89.4
Centrifuge Rebuild	50,000.00	-	-	4,995.00	10.0
Robicon Drive Upgrade	35,000.00	-	-	-	-
Facilities Security System	50,000.00	-	-	-	-
Plant Concrete Repair *	450,000.00	-	-	478,291.55	106.3
Corten/Fascia Installation Bid	150,000.00	-	-	1,070.00	0.7
BNR Blower Replacement	25,000.00	-	-	-	-
SUB TOTAL	1,391,000.00	2,983.69	0.2	766,453.11	55.1
Debt Payment on SRF Loan (26.8%)	870,329.00	-	-	870,329.00	100.0
TOTAL	2,261,329.00	2,983.69	0.2	1,636,782.11	72.4

Note: *Project Complete

TAHOE-TRUCKEE SANITATION AGENCY
 COMBINED CASH INVESTMENT
 APRIL 30, 2020

COMBINED CASH ACCOUNTS

99-00-0100-000	CASH - US BANK CHECKING	1,079,098.39
99-00-0101-000	CASH - USB SERVICE CHARGE	65,978.82
99-00-0102-000	CASH - US BANK TAX REV	340,257.90
99-00-0103-000	CASH - US BANK WWCRF	127,651.78
99-00-0104-000	CASH - WELLS FARGO PAYROLL	147,582.15
99-00-0105-000	CASH - WELLS FARGO INVESTMENTS	101,582.69
99-00-0106-000	CASH - PETTY CASH	600.00
99-00-0107-000	CASH - L.A.I.F.	43,965,411.15
99-00-0108-000	CASH - BOA WWCRF (CL)	.00
99-00-0175-000	CASH CLEARING - UTILITIES	.00
99-00-0176-000	CASH CLEARING - AR	.00
99-00-0179-000	UTILITY POST IN ERROR	.00
99-00-0180-000	BANK TRANSFER CLEARING	.00
		<hr/>
	TOTAL COMBINED CASH	45,828,162.88
99-00-0001-000	CASH ALLOCATED TO OTHER FUNDS	(45,828,162.88)
		<hr/>
	TOTAL UNALLOCATED CASH	<u>.00</u>

CASH ALLOCATION RECONCILIATION

0	ALLOCATION TO ADMINISTRATION FUND	44,434.83
1	ALLOCATION TO OPERATION AND MAINTENANCE FUND	97,637.89
2	ALLOCATION TO WASTEWATER CAPITAL RESERVE FUN	17,716,550.63
4	ALLOCATION TO STATE REVOLVING FUND	3,090,266.53
6	ALLOCATION TO R. R. & UPGRADE FUND	20,759,507.61
7	ALLOCATION TO EMERGENCY RESERVE FUND	4,119,765.39
		<hr/>
	TOTAL ALLOCATIONS TO OTHER FUNDS	45,828,162.88
	ALLOCATION FROM COMBINED CASH FUND - 99	(45,828,162.88)
		<hr/>
	ZERO PROOF IF ALLOCATIONS BALANCE	<u>.00</u>

California State Treasurer
Fiona Ma, CPA



Local Agency Investment Fund
 P.O. Box 942809
 Sacramento, CA 94209-0001
 (916) 653-3001

May 08, 2020

[LAIF Home](#)
[PMIA Average Monthly Yields](#)

TAHOE TRUCKEE SANITATION AGENCY

TREASURER
 13720 BUTTERFIELD DRIVE
 TRUCKEE, CA 96161

[Tran Type Definitions](#)

Account Number: 70-31-001

April 2020 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
4/14/2020	4/13/2020	RW	1635768	1597496	DAWN DAVIS	-500,000.00
4/15/2020	4/14/2020	QRD	1636883	N/A	SYSTEM	218,088.44

Account Summary

Total Deposit:	218,088.44	Beginning Balance:	44,247,322.71
Total Withdrawal:	-500,000.00	Ending Balance:	43,965,411.15



BETTY T. YEE
California State Controller

**LOCAL AGENCY INVESTMENT FUND
 REMITTANCE ADVICE**

Agency Name	TAHOE TRUCKEE SANITATION AGENCY
Account Number	70-31-001

As of 04/15/2020, your Local Agency Investment Fund account has been directly credited with the interest earned on your deposits for the quarter ending 03/31/2020.

Earnings Ratio		.00005535460693046
Interest Rate		2.03%
Dollar Day Total	\$	3,939,842,563.61
Quarter End Principal Balance	\$	44,247,322.71
Quarterly Interest Earned	\$	218,088.44



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Jay Parker, Engineering Manager
Item: IV-4
Subject: Approval of Progress Pay Estimate No. 1 for the 2020 Plant Painting project

Background

The 2020 Plant Painting Project consists of rehabilitating and recoating the following facilities: Primary Clarifier No. 66, Secondary Clarifier No. 54, Secondary Distribution Box No. 56, and Digester No. 31. During this pay period, the Contractor completed preliminary work for Digester 31 as detailed on progress pay estimate no 1.

Fiscal Impact

Withholding 5% for retention from progress pay estimate no. 1 would yield a payment to the contractor of \$75,724.50.


Attachments

Progress pay estimate no. 1.

Recommendation

Management and staff recommend approval of progress pay estimate no. 1 for the 2020 Plant Painting project.

Review Tracking

Submitted By: 
Jay Parker
Engineering Manager

Approved By: 
LaRue Griffin
General Manager



**Tahoe-Truckee Sanitation Agency
2020 Plant Painting Project**

Progress Pay Estimate No. 1
March 28, 2020 to April 28, 2020

OWNER:
Tahoe-Truckee Sanitation Agency
13720 Butterfield Drive
Truckee, CA 96161

CONTRACTOR:
F.D. Thomas (Job # 626) (GL Code 06-09-15001)
217 Bateman Dr
Central Point, OR 97502

ITEM NO.	BID ITEM DESCRIPTION	UNIT PRICE	CONTRACT QUANTITY	UNIT	CONTRACT TOTAL	PERCENTAGE	TOTAL EARNED
1	Mobilization	1	LUMP SUM	N/A	\$ 7,000.00	100%	\$7,000.00
2	Demobilization	1	LUMP SUM	N/A	\$ 7,000.00	0%	\$0.00
3	Primary Clarifier No. 66: Install dust containment	1	LUMP SUM	N/A	\$ 20,650.00	0%	\$0.00
4	Primary Clarifier No. 66: Wash and clean existing coating	1	LUMP SUM	N/A	\$ 4,885.00	0%	\$0.00
5	Primary Clarifier No. 66: Remove existing coating	1	LUMP SUM	N/A	\$ 27,700.00	0%	\$0.00
6	Primary Clarifier No. 66: Grinding work	6	HOURS	\$ 116.00	\$ 696.00	0%	\$0.00
7	Primary Clarifier No. 66: Apply coating	1	LUMP SUM	N/A	\$ 24,935.00	0%	\$0.00
8	Primary Clarifier No. 66: Apply caulking	100	L.F.	\$ 6.50	\$ 650.00	0%	\$0.00
9	Primary Clarifier No. 66: Two year warranty	1	LUMP SUM	N/A	\$ 1,875.00	0%	\$0.00
10	Secondary Clarifier No. 54: Install dust containment	1	LUMP SUM	N/A	\$ 27,000.00	0%	\$0.00
11	Secondary Clarifier No. 54: Wash and clean existing coating	1	LUMP SUM	N/A	\$ 4,885.00	0%	\$0.00
12	Secondary Clarifier No. 54: Perform inspection blast	1	LUMP SUM	N/A	\$ 6,120.00	0%	\$0.00
13	Secondary Clarifier No. 54: Perform welding repairs	15	HOURS	\$ 218.00	\$ 3,270.00	0%	\$0.00
13	Secondary Clarifier No. 54: Provide material for welding repairs	1	LUMP SUM	\$ 750.00	\$ 750.00	0%	\$0.00
14	Secondary Clarifier No. 54: Remove and replace bolts	88	EACH	\$ 57.00	\$ 5,016.00	0%	\$0.00
15	Secondary Clarifier No. 54: Remove existing coating	1	LUMP SUM	N/A	\$ 34,000.00	0%	\$0.00
16	Secondary Clarifier No. 54: Grinding work	12	HOURS	\$ 116.00	\$ 1,392.00	0%	\$0.00
17	Secondary Clarifier No. 54: Apply coating	1	LUMP SUM	N/A	\$ 26,700.00	0%	\$0.00
18	Secondary Clarifier No. 54: Apply caulking	100	L.F.	\$ 6.50	\$ 650.00	0%	\$0.00
19	Secondary Clarifier No. 54: Two year warranty	1	LUMP SUM	N/A	\$ 1,875.00	0%	\$0.00
20	Stripper Distribution Box: Install dust containment	1	LUMP SUM	N/A	\$ 2,870.00	0%	\$0.00
21	Stripper Distribution Box: Wash and clean existing coating	1	LUMP SUM	N/A	\$ 1,925.00	0%	\$0.00
22	Stripper Distribution Box: Perform welding repairs	4	HOURS	\$ 309.00	\$ 1,236.00	0%	\$0.00
22	Stripper Distribution Box: Provide material for welding repairs	1	LUMP SUM	\$ 500.00	\$ 500.00	0%	\$0.00
23	Stripper Distribution Box: Remove existing coating	1	LUMP SUM	N/A	\$ 3,315.00	0%	\$0.00
24	Stripper Distribution Box: Grinding work	4	HOURS	\$ 118.00	\$ 472.00	0%	\$0.00
25	Stripper Distribution Box: Apply coating	1	LUMP SUM	N/A	\$ 6,770.00	0%	\$0.00
26	Stripper Distribution Box: Apply caulking	25	L.F.	\$ 19.00	\$ 475.00	0%	\$0.00
27	Stripper Distribution Box: Two year warranty	1	LUMP SUM	N/A	\$ 940.00	0%	\$0.00
28	Digester No. 31: Install dust containment	1	LUMP SUM	N/A	\$ 44,900.00	50%	\$22,450.00
29	Digester No. 31: Wash and clean existing coating	1	LUMP SUM	N/A	\$ 11,890.00	50%	\$5,945.00
30	Digester No. 31: Remove existing coating	1	LUMP SUM	N/A	\$ 59,300.00	0%	\$0.00
31	Digester No. 31: Provide plan to reposition Digester Cover	1	LUMP SUM	N/A	\$ 6,175.00	100%	\$6,175.00
32	Digester No. 31: Repositioning Digester Cover	1	LUMP SUM	N/A	\$ 76,280.00	50%	\$38,140.00
33	Digester No. 31: Grinding work	6	HOURS	\$ 116.00	\$ 696.00	0%	\$0.00
34	Digester No. 31: Apply coating	1	LUMP SUM	N/A	\$ 36,000.00	0%	\$0.00
35A	Digester No. 31: Apply cementitious repair mortar	160	S.F.	\$ 5.00	\$ 800.00	0%	\$0.00
35B	Digester No. 31: Apply epoxy modified mortar	1600	S.F.	\$ 32.00	\$ 51,200.00	0%	\$0.00
36	Digester No. 31: Apply caulking	100	L.F.	\$ 6.50	\$ 650.00	0%	\$0.00
37	Digester No. 31: Five year warranty	1	LUMP SUM	N/A	\$ 2,810.00	0%	\$0.00
TOTAL					\$ 516,253.00		\$79,710.00

TOTAL EARNED TO DATE: \$79,710.00
 5% TOTAL RETENTION TO DATE: \$3,985.50
 TOTAL AMOUNT PREVIOUSLY PAID: \$0.00
TOTAL AMOUNT DUE CONTRACTOR: \$75,724.50

ACCEPTED BY:

F.D. Thomas

BY: 

DATE: 5/5/2020

APPROVED BY:

Tahoe-Truckee Sanitation Agency

BY: _____

DATE: _____



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Jay Parker, Engineering Manager
Item: IV-5
Subject: Approval of Progress Pay Estimate No. 2 for the Portable Emergency Pump Systems

Background

The Agency owns a variety of emergency bypass equipment to prevent or minimize the potential and magnitude of raw sewage spills both within the water reclamation plant and along the Truckee River Interceptor (TRI). This project retires an aging engine-driven pump and replaces it with a pair of identically sized Godwin pumps.

The contract documents state that the Agency will pay Contractor ten percent (10%) of the purchase price upon approved shop drawing submittals, seventy five percent (75%) upon complete delivery of the equipment, and fifteen percent (15%) upon successful startup and completion of paperwork.

During this pay period, the supplier provided a complete delivery of the equipment to the Agency. Successful startup and completion of paperwork is pending.

Fiscal Impact

Progress pay estimate no. 2 is \$95,664.00.


Attachments

Progress pay estimate no. 2.

Recommendation

Management and staff recommend approval of progress pay estimate no. 2 for the the Furnishing Portable Emergency Pump Systems.

Review Tracking

Submitted By: 
Jay Parker
Engineering Manager

Approved By: 
LaRue Griffin
General Manager



Tahoe-Truckee Sanitation Agency
FURNISHING PORTABLE EMERGENCY PUMP SYSTEMS

Progress Pay Estimate No. 2

PURCHASER:

Tahoe-Truckee Sanitation Agency
 13720 Butterfield Drive
 Truckee, CA 96161

SELLER :

Pac Machine Company, Inc.
 Attn:Chris Settlemeyer
 8570 23rd Ave,
 Sacramento, CA 95826

DESCRIPTION	UNIT	CONTRACT TOTAL	PERCENTAGE	TOTAL EARNED
TOTAL BID PRICE	L.S.	\$127,552.00	85.00%	\$ 108,419.20
TOTAL		\$127,552.00		\$ 108,419.20

TOTAL EARNED TO DATE:	\$	108,419.20
TOTAL AMOUNT PREVIOUSLY PAID:	\$	12,755.20
TOTAL AMOUNT DUE SELLER:		\$95,664.00

ACCEPTED BY:

Pac Machine Company, Inc.

BY: *W. S. Keel*

DATE: 5/6/2020

APPROVED BY:

Tahoe-Truckee Sanitation Agency

BY:

DATE:



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: LaRue Griffin, General Manager
Item: V-1
Subject: Report from April 15, 2020 closed session meeting

Background

At the conclusion of the closed session discussion at the April 15, 2020 Board of Director meeting, the meeting was adjourned without providing a report from closed session.

A report of the closed session discussion is to be provided.

Fiscal Impact

None.


Attachments

None.

Recommendation

Management recommends a report from the April 15, 2020 closed session meeting.

Review Tracking

Submitted By: 
LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Michael Peak, Operations Manager
Item: V-2
Subject: Approval to award bids for the procurement of ferric chloride, hydrated lime, liquid chlorine, and methanol.

Background

The Agency has solicited bids for the purchase of ferric chloride, hydrated lime, liquid chlorine, liquid oxygen, and methanol for the upcoming 2020-2021 fiscal year. The breakdown of submitted bids per chemical is shown below. The lowest responsive bidder is indicated by the asterisk (*) next to the bidder name per chemical. There were no bids received for liquid oxygen.

Hydrated Lime

<i>Bidder</i>	<i>Bid Price (\$/ton)</i>
Lhoist*	365.00

Liquid Chlorine

<i>Bidder</i>	<i>Bid Price (\$/ton)</i>
Thatcher*	980.00

Liquid Oxygen

<i>Bidder</i>	<i>Bid Price (\$/gal)</i>
No Bids Submitted	

Methanol

<i>Bidder</i>	<i>Bid Price (\$/gal)</i>
Univar*	0.5498
Thatcher	0.6412

Ferric Chloride

<i>Bidder</i>	<i>Bid Price (\$/ton)</i>
Univar	486.04
Thatcher*	467.00

Fiscal Impact

Impact shall be dependent on quantities purchased per chemical.


Attachments

None.

Recommendation

Management and staff recommend approval to award bids and enter into agreements for the procurement of ferric chloride, hydrated lime, liquid chlorine, and methanol to the appropriate lowest responsive bidder.

Review Tracking

Submitted By: 
Michael Peak
Operations Manager

Approved By: 
LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Michael Peak, Operations Manager
Item: V-3
Subject: Approval to negotiate a contract for the procurement of liquid oxygen

Background

The Agency solicited bids for the purchase of ferric chloride, hydrated lime, liquid chlorine, liquid oxygen, and methanol for the upcoming 2020-2021 fiscal year, however, there were bids submitted for liquid oxygen.

The Agency's purchasing policy established in T-TSA Ordinance No. 3-2015 states "*if no responsive bids are received by the bid deadline, the Board may authorize the work to be performed by negotiated contract or contracts with a qualified contractor or contractors.*"

The Agency can readvertise and rebid for the procurement of liquid oxygen or negotiate with a contractor. Due to time constraints, it would be more beneficial to negotiate the procurement with a contractor.

Fiscal Impact

Impact shall be dependent on negotiated price and quantities purchased.


Attachments

None.

Recommendation

Management and staff recommend approval to negotiate a contract for the procurement of liquid oxygen.

Review Tracking

Submitted By: 
Michael Peak
Operations Manager

Approved By: 
LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Jay Parker, Engineering Manager
Item: V-4
Subject: Approval advertise for the 2020 Digital Scanning of Sewer Lines project

Background

As is customary each year, T-TSA will be digitally scanning the Truckee River Interceptor (TRI) this fall. The project will focus on scanning Schedules V and VI, which spans the distance between the open land to the west of South River Street and the Water Reclamation Plant, as shown in the attached figure. The total length to be scanned is approximately 30,200 feet in length and consists of RCP piping ranging from 18 to 42 inches in diameter.

The project field work is slated to occur between September 8, 2020 and October 16, 2020.

Fiscal Impact

The engineer's estimate for this project is \$150,000.


Attachments

Overview Map.

Recommendation

Management and staff recommend approval to advertise for the 2020 Digital Scanning of Sewer Lines project.

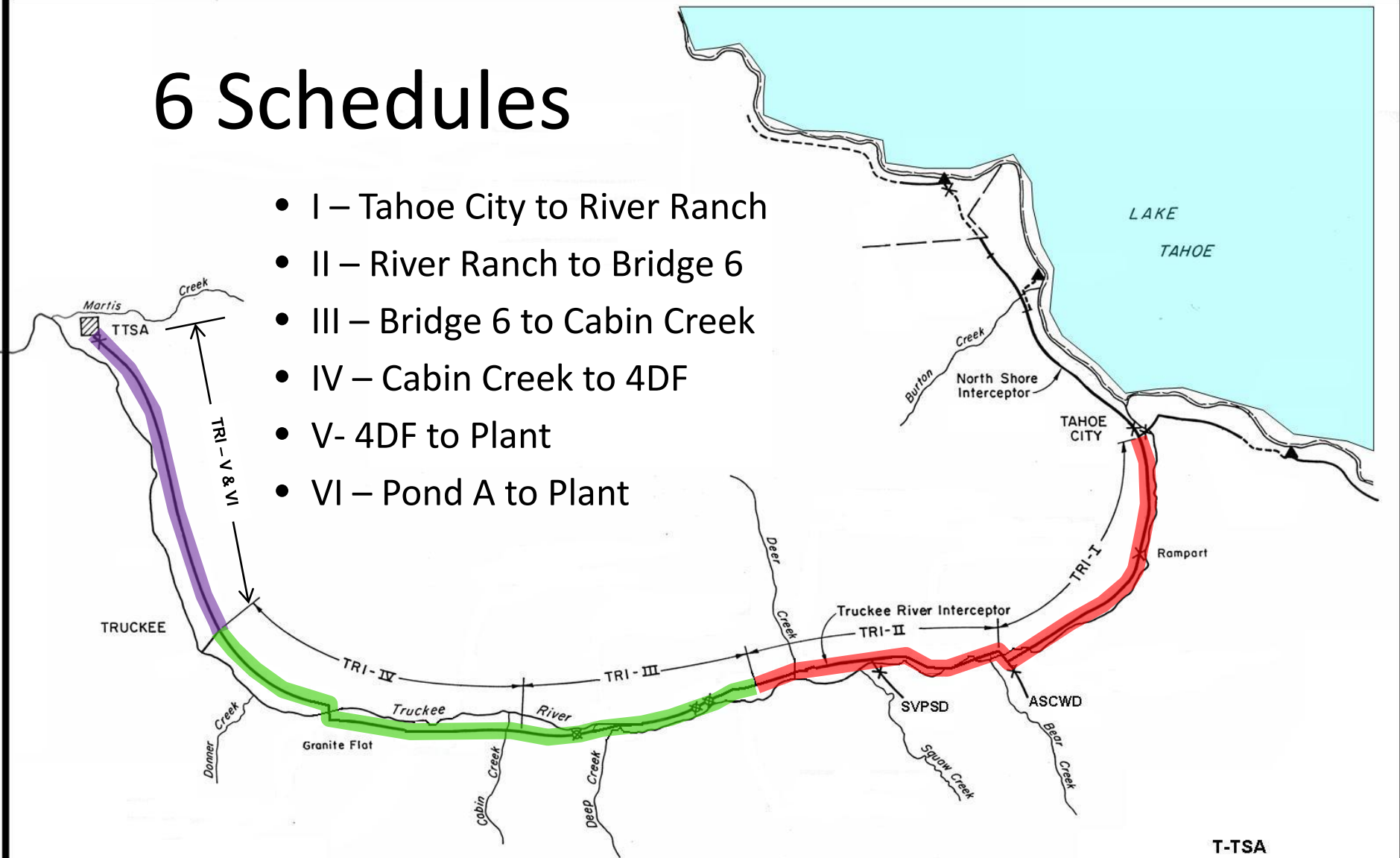
Review Tracking

Submitted By: 
Jay Parker
Engineering Manager

Approved By: 
LaRue Griffin
General Manager

6 Schedules

- I – Tahoe City to River Ranch
- II – River Ranch to Bridge 6
- III – Bridge 6 to Cabin Creek
- IV – Cabin Creek to 4DF
- V- 4DF to Plant
- VI – Pond A to Plant



T-TSA
TRUCKEE RIVER INTERCEPTOR

2020 2021 2022



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Jay Parker, Engineering Manager
Item: V-5
Subject: Approval to negotiate a contract for the 2020 Corten Wall Additions project

Background

Some of the exterior faces of various CMU walls around the plant have been deteriorating from the harsh Truckee winters. Many sections are covered and protected by steel corten siding. Others are not. In some locations, these exposed block walls are degrading and need to be protected from the weather. The 2020 Corten Wall Additions project constructs new sections of corten siding on Building 4, which is currently the site of the most significant deterioration.

The project was publicly advertised for bidding and no bids were received. The Agency's purchasing policy established in T-TSA Ordinance No. 3-2015 allows that *"if no responsive bids are received by the bid deadline, the Board may authorize the work to be performed by negotiated contract or contracts with a qualified contractor or contractors."*

The construction work contemplated is scheduled to be performed between July 13, 2020 and August 28, 2020.

Fiscal Impact

The engineer's estimate for this project is \$150,000.


Attachments

Contract drawings.

Recommendation

Management and staff recommend approval negotiate a contract(s) with a qualified contractor(s) to perform the 2020 Corten Wall Additions project.

Review Tracking

Submitted By: 
Jay Parker
Engineering Manager

Approved By: 
LaRue Griffin
General Manager

TAHOE-TRUCKEE SANITATION AGENCY




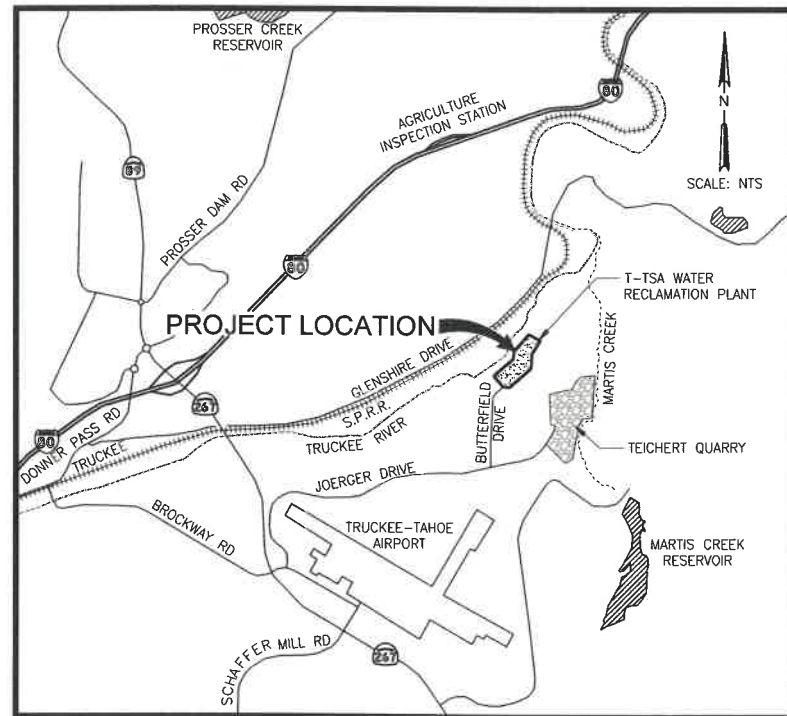
REGIONAL WATER RECLAMATION PLANT 2020 CORTEN WALL ADDITIONS

MARCH 2020

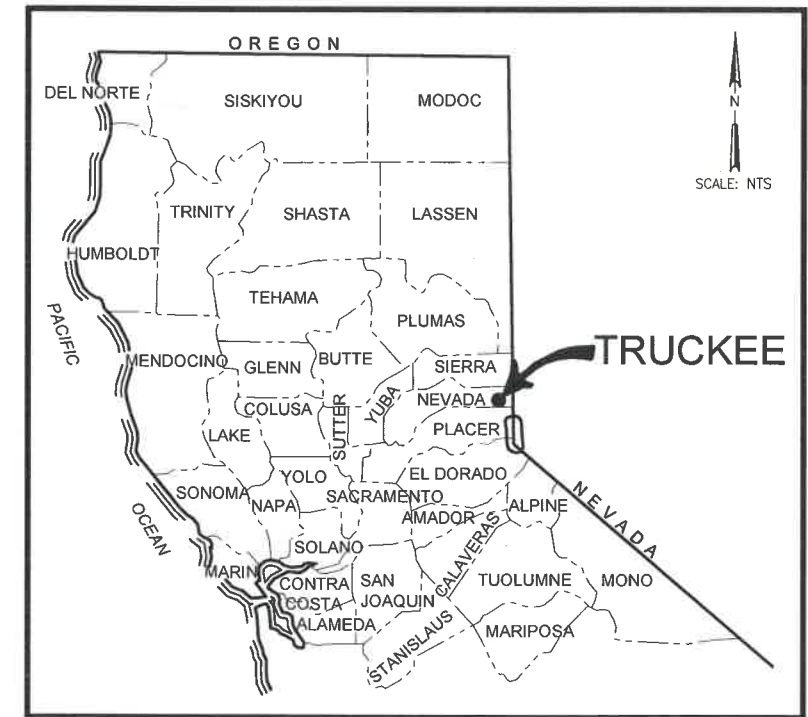
BOARD OF DIRECTORS

PRESIDENT	DALE COX
VICE PRESIDENT	DAN WILKINS
DIRECTOR	JON NORTHROP
DIRECTOR	BLAKE TRESAN
DIRECTOR	S. LANE LEWIS

APPROVED: 
GENERAL MANAGER
LARUE GRIFFIN



LOCATION MAP



VICINITY MAP



Tahoe - Truckee Sanitation Agency
13720 Butterfield Drive
Truckee, California 96161
(530) 587-2525



03/18/2020

2020 CORTEN WALL ADDITIONS

TITLE SHEET

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC

Drawn By: AC

Checked By: JP

Approved By: LG

SYM	REVISIONS	DATE	BY

SHEET 1 OF 12

DWG NO. G-1

DATE MAR 2020

SHEET INDEX

GENERAL		
SHEET NO.	DRAWING NO.	DRAWING TITLE
1	G-1	TITLE SHEET
2	G-2	SHEET INDEX, LEGEND, ABBREVIATIONS, AND NOTES
3	G-3	SITE ACCESS PLAN

SITE CIVIL		
SHEET NO.	DRAWING NO.	DRAWING TITLE
4	4-AS-101	BUILDING 4, CORTEN SIDING, PLAN AND ELEVATION VIEW
5	4-AS-102	CORTEN STRUCTURAL SUPPORT DETAILS
6	4-AS-103	SOFFIT STRUCTURAL DETAILS
7	4-AS-104	SOFFIT FINISH CARPENTRY DETAILS
8	4-AS-105	CORTEN SIDING DETAILS
9	4-AS-106	EPDM ROOF REPLACEMENT, AREA A
10	4-AS-107	EPDM ROOF REPLACEMENT, AREA B
11	4-AS-108	EPDM ROOFING REPLACEMENT, DETAIL SHEET 1
12	4-AS-109	EPDM ROOFING REPLACEMENT, DETAIL SHEET 2

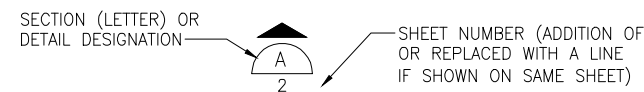
WORK TO BE DONE

THE WORK INCLUDES THE INSTALLATION OF CORTEN SIDING ON A SECTION OF BUILDING 4, AND RELATED MINOR ROOF WORK, ALL LOCATED AT THE AGENCY'S WATER RECLAMATION PLANT.

STANDARD SPECIFICATIONS AND DRAWINGS

SEE PART 6 FOR THE STANDARD SPECIFICATIONS TO BE USED FOR THE PROJECT. DRAWINGS FOR THE PROJECT ARE IN THE PART 7 DRAWING SET.

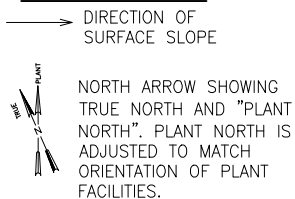
DETAIL AND SECTION DESIGNATION



GENERAL NOTE

- PRIOR TO BIDDING, CONTRACTOR SHALL ASSESS EXISTING CONDITIONS AND PERFORM ALL NECESSARY MEASUREMENTS AS NEEDED FOR THE PREPARATION OF THE BID.
- CONTACT THE AGENCY FOR ABBREVIATIONS NOT LISTED.
- THIS IS A STANDARD LEGEND SHEET. SOME SYMBOLS AND/OR ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT ON THE PLANS.

GENERAL SYMBOLS



EXTERIOR REDWOOD PLYWOOD TEXTURE 1-11, 3/8" THICK. SEE SHEET 8.

CIVIL LEGEND

	ROOF NOT TO BE WORKED ON
	STAGING AREA
	REPAIR AND RESURFACE
	GROUND
	CONCRETE
	EPDM ROOF MEMBRANE
	CMU BLOCK
	CLASS 1, DIVISION 1 & 2 AREA
	METAL SUPPORT STRUCTURE
	EXTERIOR REDWOOD PLYWOOD, TEXTURE 1-11, 3/8" THICK
	DENSDECK
	INSULATION
	PLYWOOD

©	AT	EWEF	EACH WAY, EACH FACE
AB	ANCHOR BOLT, AGGREGATE BASE	EC	END CURVE
ABDN	ABANDONED	ECC	ECCENTRIC
AC	ASPHALTIC CONCRETE	EF	EACH FACE, EXHAUST FAN
ACI	AMERICAN CONCRETE INSTITUTE	EFF	EFFLUENT
ADDL	ADDITIONAL	EL	ELEVATION
ADH AB	ADHESIVE ANCHOR BOLT	ELB	ELBOW
ADJ	ADJACENT, ADJUSTABLE	ELEC	ELECTRIC, ELECTRICAL
AFF	ABOVE FINISH FLOOR	ENGR	ENGINEER
AFG	ABOVE FINISH GRADE	EPDM	ETHYLENE PROPYLENE DIENE MONOMER
AGGR	AGGREGATE	EQL SP	EQUALLY SPACED
AHR	ANCHOR	EQPT	EQUIPMENT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	EW	EACH WAY
AL	ALUMINUM	EXC	EXCAVATE
ALTN	ALTERNATE	EXH	EXHAUST FAN
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	EXP	EXPOSED, EXPANSION
APPROX	APPROXIMATE	EXP JT	EXPANSION JOINT
APVD	APPROVED	EXST	EXISTING
ARCH	ARCHITECTURAL	FB	FLAT BAR
AWT	ADVANCED WASTE TREATMENT	FC	FLEXIBLE COUPLING
BETW	BETWEEN	FCA	FLEXIBLE COUPLING ADAPTER
BF	BLIND FLANGE, BOTTOM FACE	FCO	FLOOR CLEANOUT
BLDG	BUILDING	FD	FLOOR DRAIN
BM	BENCHMARK, BEAM	FDA	FLOOR DRAIN W/ INTEGRAL TRAP
BNR	BIOLOGICAL NITROGEN REMOVAL	FDN	FOUNDATION
BOP	BOTTOM OF PIPE	FF	FINISH FLOOR
BOS	BOTTOM OF STEEL	FG	FINISH GRADE
BOT	BOTTOM	FHY	FIRE HYDRANT
C	CHANNEL (BEAM)	FIG	FIGURE
C&CT	CONVENTIONAL AND CHEMICAL TREATMENT	FL	FLOOR
CB	CATCH BASIN	FLG	FLANGE
CC	CIRCLE CENTER, CARBON COLUMN	FLH	FLAT HEAD
CEIL	CEILING	FLL	FLOW LINE
CFM	CUBIC FEET PER MINUTE	FLTR	FILTER
CFS	CUBIC FEET PER SECOND	FNSH	FINISH
CHEM	CHEMICAL	FOC	FACE OF CONCRETE
CHKD	CHECKERED PLATE	FRP	FIBERGLASS REINFORCED PLASTIC
CJ	CONSTRUCTION JOINT	FT	FOOT OR FEET
CLDIP	CEMENT LINED DUCTILE IRON PIPE	FTG	FOOTING
CLG	CEILING	FWD	FORWARD
CLR	CLEAR	F	DEGREE FAHRENHEIT
CL	CENTERLINE	GA	GAGE, GAUGE
CMP	CORRUGATED METAL PIPE	GAL	GALLON
CMU	CONCRETE MASONRY UNIT	GALV	GALVANIZED
CO	CLEANOUT	GALVI	GALVANIZED IRON
COL	COLUMN	GC	GENERAL CIVIL
CONC	CONCRETE	GCO	GRADE CLEANOUT
CONN	CONNECTION	GCF	GROOVED COUPLING FITTING
CONT	CONTINUOUS, CONTINUATION	GE	GROOVED END
COORD	COORDINATION	GL	GLASS
CPVC	CHLORINATED POLYVINYL CHLORIDE	GLDIP	GLASS LINED DUCTILE IRON PIPE
CRS	COLD ROLLED STEEL	GRTG	GRATING
CTD	CENTERED	GSP	GALVANIZED STEEL PIPE
CTR	CENTER	GVL	GRAVEL
C TO C	CENTER TO CENTER	HAS	HEADED ANCHOR STUD
CU	CUBIC	HDR	HEADER
CU FT	CUBIC FEET	HDW	HARDWARE
CU IN	CUBIC INCH	HGT	HEIGHT
CU YD	CUBIC YARD	HM	HOLLOW METAL
CULV	CULVERT	HORIZ	HORIZONTAL
DBA	DEFORMED BAR ANCHOR	HR	HANDRAIL
D	PENNY (NAIL SIZE), DEEP	HPT	HIGH POINT
DBL	DOUBLE	I&C	INSTRUMENTATION & CONTROL
DEMO	DEMOLITION	ID	INSIDE DIAMETER
DET	DETAIL	IE, I.E.	INVERT ELEVATION
DI	DROP INLET, DUCTILE IRON	IF	INSIDE FACE
DIA	DIAMETER	IN	INCH
DIAG	DIAGONAL	INFL	INFLUENT
DIL	DILUTE	INSTM	INSTRUMENT
DIMJ	DUCTILE IRON MECHANICAL JOINT	INSUL	INSULATE
DIP	DUCTILE IRON PIPE	INV	INVERT
DIPGL	DUCTILE IRON PIPE, FLANGED, GLASS LINED	JT	JOINT
DIR	DIRECTION	KIP	THOUSAND POUNDS
DOWN	DOWN	KW	KILOWATT
DWG	DRAWING	L	LEFT, ANGLE, LENGTH
e	EXTERNAL DISTANCE	LAT'L	LATERAL
E	EAST		

ABBREVIATIONS

LB	POUNDS	SQ FT	SQUARE FOOT
LB/CU FT	POUNDS PER CUBIC FOOT	SQ IN	SQUARE INCH
LF	LINEAR FEET	SST	STAINLESS STEEL
LG	LONG	STA	STATION
LH	LEFT HAND	STD	STANDARD
LINT	LINTEL	STIF	STIFFENER
LONG	LONGITUDINAL	STL	STEEL, STEEL PIPE
LR	LONG RADIUS	STLS	STEEL PIPE (SPECIAL)
LPT	LOW POINT	STRL	STRUCTURAL
		STRUCT	STRUCTURE
MAX	MAXIMUM	SUBFL	SUBFLOOR
MB	MACHINE BOLT	SUSP	SUSPEND
MCC	MOTOR CONTROL CENTER	SYMM	SYMMETRICAL
MECH	MECHANICAL	SYM	SYMBOL
MFR	MANUFACTURER	T	TANGENT
MGD	MILLION GALLONS PER DAY	TBD	TO BE DETERMINED
MH	MANHOLE	T&B	TOP AND BOTTOM
MIN	MINIMUM, MINUTE	TC	TOP OF CURB, TOP OF CONCRETE
MISC	MISCELLANEOUS	TECH	TECHNICAL
MJ	MECHANICAL JOINT	TEL	TELEPHONE
MSNRY	MASONRY	TEMP	TEMPERATURE
MTL	MATERIAL	TF	TOP FACE
MO	MASONRY OPENING	T&G	TONGUE AND GROOVE
N	NORTH	THD	THREAD
N/A	NOT APPLICABLE	THK	THICK
NIC	NOT IN CONTRACT	TOC	TOP OF CONCRETE
NO	NUMBER, NUMBERING	TOF	TOP OF FOOTING
NTS	NOT TO SCALE	TOG	TOP OF GRADE
		TP	TURNING POINT
OC	ON CENTER	TRANS	TRANSITION
OD	OUTSIDE DIAMETER	TRANSV	TRANSVERSE
OF	OUTSIDE FACE	TST	TOP OF STEEL
OPNG	OPENING	TT	THRUST TIE
		TW	TOP OF WALL
P	PILASTER	TYP	TYPICAL
PE	PLAIN END	UBC	UNIFORM BUILDING CODE
PENT	PENETRATION	UD	UNDERDRAIN
PG	PROFILE GRADE	UH	UNIT HEATER
PI	POINT OF INTERSECTION	UP	UNIT PROCESS
PJF	PREMOLDED JOINT FILLER		
PL	PLATE, PROPERTY LINE	VERT	VERTICAL
PLYWD	PLYWOOD	VPI	VERTICAL POINT OF INTERSECTION
PPL	POLYPROPYLENE LINED	VPS	VENEER PLASTER SYSTEM
PRCST	PRECAST	VTR	VENT THRU ROOF
PREFAB	PREFABRICATED		
PROP	PROPERTY	W/	WITH
PSF	POUNDS PER SQUARE FOOT	W	WIDE FLANGE (BEAM), WEST
PSI	POUNDS PER SQUARE INCH	WD	WOOD
PVC	POLYVINYL CHLORIDE PLASTIC	W/O	WITHOUT
PVMT	PAVEMENT	WR	WATER RESISTANT
R, RAD	RADIUS	WS	WATER SURFACE, WATER STOP
RC	REINFORCED CONCRETE	W SH ST	WEATHERING SHEET STEEL
RCP	REINFORCED CONCRETE PIPE	WTR	WATER
RD	ROAD, ROOF DRAIN		
RDCR	REDUCER	YD	YARD
RDW	REDWOOD		
REF	REFER OR REFERENCE		
REINF	REINFORCED, REINFORCING, REINFORCE		
REQD	REQUIRED		
RH	ROD HOLE		
RJ	RESTRAINED JOINT		
RM	ROOM		
RO	ROUGH OPENING		
RST	REINFORCING STEEL		
RTN	RETURN		
R/W	RIGHT-OF-WAY		
S	I-BEAM, SOUTH, SLOPE		
SCH	SCHEDULE		
SEC	SECONDARY		
SECT	SECTION		
SH	SHEET		
SHS	SOLIDS HANDLING SYSTEM		
SIM	SIMILAR		
SLP	SLOPE		
SOLN	SOLUTION		
SP	SPACE OR SPACES		
SPEC	SPECIFICATIONS		
SPEC'D	SPECIFIED		
SPLY	SUPPLY		
SQ	SQUARE		

LINEWORK CONVENTIONS

- SOLID BLACK LINEWORK AND BACKGROUNDS, AS SHOWN ON THESE DRAWINGS, REPRESENT WORK REQUIRED UNDER THIS CONTRACT.
- SCREENED LINEWORK AND BACKGROUNDS, APPEARING LIGHT GRAY ON THESE DRAWINGS, MAY ILLUSTRATE EITHER EXISTING INFRASTRUCTURE OR NEW FACILITIES TO BE CONSTRUCTED ON THIS PROJECT.
- WHEN SCREENED LINEWORK IS USED TO REPRESENT EXISTING INFRASTRUCTURE, AGENCY MAKES NO WARRANTIES OR REPRESENTATIONS THAT THE INFORMATION SHOWN IS ACCURATE. CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION SHOWN PRIOR TO USING THE INFORMATION FOR ANY PURPOSE.
- SCREENED LINEWORK MAY BE USED TO ILLUSTRATE NEW ASPECTS OF THE WORK THAT, IF THEY OTHERWISE HAD BEEN DRAWN IN SOLID BLACK, WOULD HAVE OBSCURED SPECIFIC DETAILS SHOWN.
- SCREENED LINEWORK MAY ALSO BE USED TO REFLECT NEW WORK THAT CONTRACTOR SHALL CONSTRUCT UNDER ANOTHER DISCIPLINE BESIDES THE ONE BEING SHOWN (E.G., NEW STRUCTURAL WORK MAY BE SCREENED BACK ON A MECHANICAL DRAWING).
- IF THE PURPOSE OF ANY PARTICULAR SCREENED LINEWORK/BACKGROUND IS NOT SELF-EVIDENT, CONSULT AGENCY'S ENGINEER PRIOR TO BIDDING.



2020 CORTEN WALL ADDITIONS

SHEET INDEX, LEGEND, ABBREVIATIONS, AND NOTES

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC

Drawn By: AC

Checked By: JP

Approved By: LG

SHEET 2 OF 12

DWG NO. G-2

DATE MAR 2020

SYM	REVISIONS	DATE	BY



LEGEND

- CONTRACTOR STAGING AREAS
- FACILITIES TO BE WORKED ON
- CLASS 1, DIVISION 1 & 2 AREA
- SITE ACCESS ROUTE

NOTES:

1. CONTRACTOR SHALL MAINTAIN AGENCY ACCESS TO ALL FACILITIES AND SHALL CONFIRM WITH THE AGENCY ACCEPTABLE STAGING AND PARKING AREAS PRIOR TO CONSTRUCTION. AT NO TIME SHALL THE CONTRACTOR RESTRICT ACCESS TO A FACILITY WITHOUT PRIOR COORDINATION AND CONSENT BY THE AGENCY.
2. CONTRACTOR SHALL KEEP TO PRIMARY ACCESS ROUTE FOR CONSTRUCTION. IF CONTRACTOR REQUIRES ALTERNATIVE ACCESS, CONTRACTOR SHALL REQUEST PRIOR APPROVAL BY AGENCY.
3. PRIOR TO SETUP OF CONSTRUCTION TRAILER, CONTRACTOR SHALL REQUEST APPROVAL OF TRAILER LOCATION ALONG WITH LONG TERM MATERIAL STORAGE LOCATIONS.
4. WHEN THE CONTRACTOR IS WORKING WITHIN 0'-5' OF THE EDGE OF THE GRIT CHAMBER, HIS WORK METHODS AND EQUIPMENT SHALL BE CLASS 1, DIVISION 1 COMPLIANT.
5. WHEN THE CONTRACTOR IS WORKING WITHIN 5'-10' OF THE EDGE OF THE GRIT CHAMBER, HIS WORK METHODS AND EQUIPMENT SHALL BE CLASS 1, DIVISION 2 COMPLIANT.

Tahoe - Truckee Sanitation Agency
 13720 Butterfield Drive
 Truckee, California 96161
 (530) 587-2525

03/18/2020

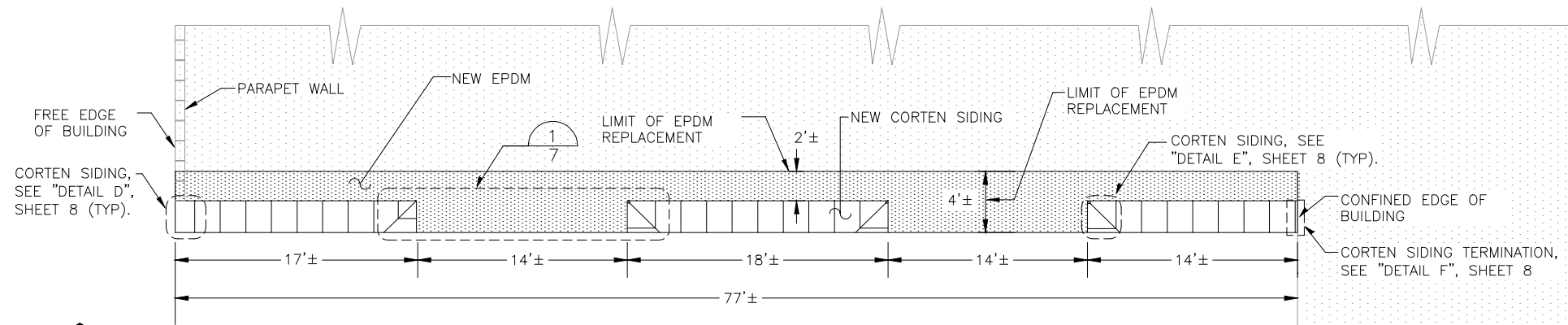
2020 CORTEN WALL ADDITIONS

SITE ACCESS PLAN

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1"
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC
Drawn By: AC
Checked By: JP
Approved By: LG

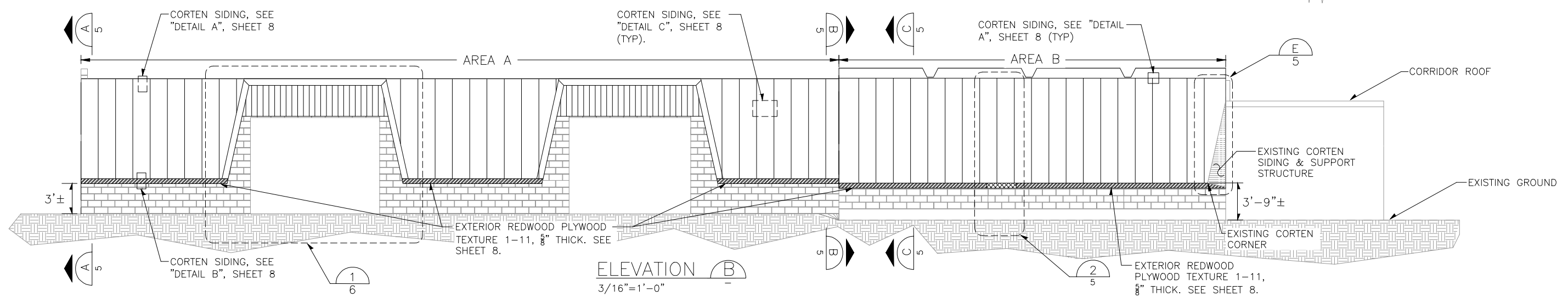
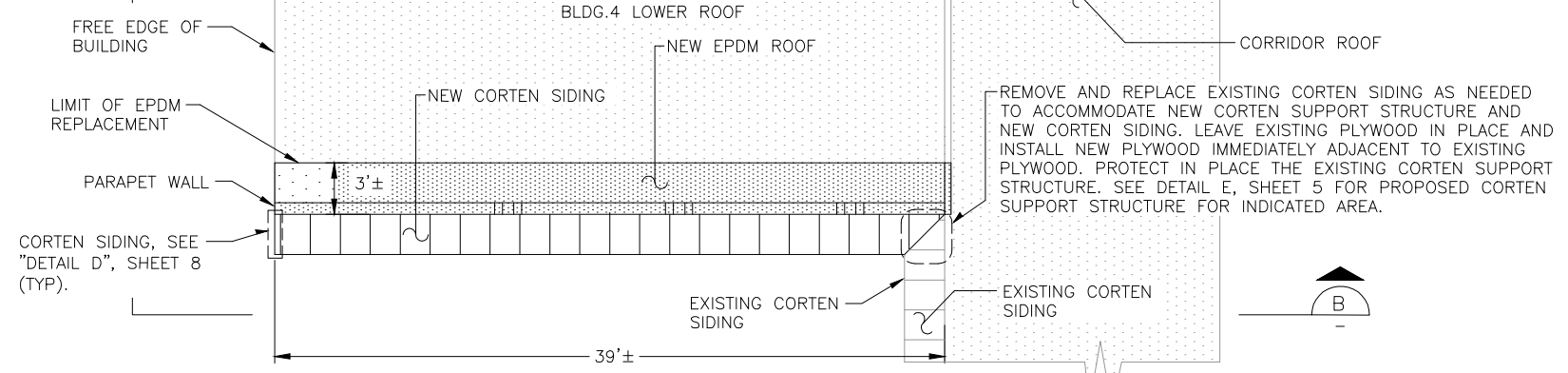
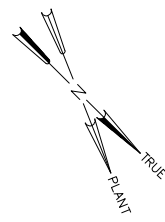
				SHEET	3 OF 12
				DWG NO.	G-3
				DATE	MAR 2020
SYM	REVISIONS	DATE	BY		



GENERAL NOTES:

1. EXISTING STRUCTURES, AND OTHER CONDITIONS MAY NOT BE COMPLETELY OR ACCURATELY REPRESENTED AND MAY VARY FROM THOSE SHOWN ON THE DRAWINGS.
2. PRIOR TO BIDDING, CONTRACTOR SHALL ASSESS EXISTING CONDITIONS AND PERFORM ALL NECESSARY MEASUREMENTS FOR THE PROPER PREPARATION OF THE BID.
3. PRIOR TO COMMENCING WITH CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, AND ADJUST WORK ACCORDINGLY, SUCH THAT THE PROGRESS OF THE WORK IS NOT DELAYED.
4. PRIOR TO SUBMITTING SHOP DRAWINGS, CONTRACTOR SHALL FIELD VERIFY THE MEASUREMENTS OF ALL HORIZONTAL, VERTICAL, AND OTHER RELATED ROOF APPURTENANCES.
5. AGENCY ROOF ACCESS POINTS SHALL ONLY BE USED FOR WORKER ACCESS. AGENCY ROOF ACCESS POINTS SHALL NOT BE USED TO PLACE EQUIPMENT AND MATERIALS ON THE ROOF.
6. EXISTING SURROUNDING ROOF MEMBRANE SHALL BE PROTECTED FROM DAMAGE.
7. PRIOR TO STARTING WORK CONTRACTOR SHALL SUBMIT A ROOF ACCESS PLAN TO THE AGENCY. CONTRACTOR AND AGENCY SHALL INSPECT THE ROOF ACCESS POINTS PRIOR TO THE STARTING OF WORK AND AFTER THE COMPLETION OF WORK. THE PURPOSE OF SAID INSPECTION SHALL BE TO ENSURE THE EXISTING ROOF WAS NOT DAMAGED BY THE CONTRACTOR'S ACTIVITIES ON THE ROOFS.

BLDG. 4 ROOF PLAN
3/16"=1'-0"



ELEVATION B
3/16"=1'-0"



Tahoe - Truckee Sanitation Agency
13720 Butterfield Drive
Truckee, California 96161
(530) 587-2525



03/18/2020

2020 CORTEN WALL ADDITIONS

**BUILDING 4, CORTEN SIDING,
PLAN AND ELEVATION VIEW**

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC

Drawn By: AC

Checked By: JP

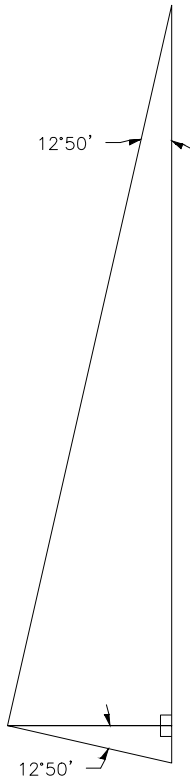
Approved By: LG

SYM	REVISIONS	DATE	BY

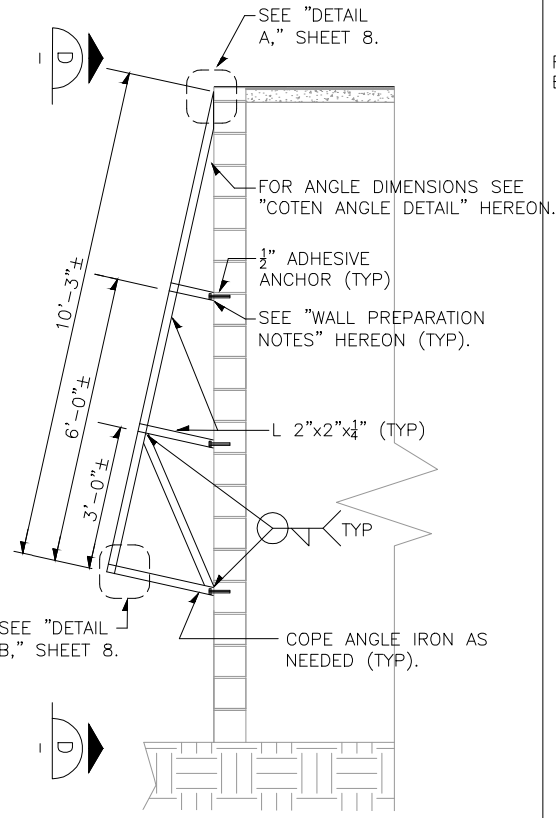
SHEET 4 OF 12

DWG NO. 4-AS-101

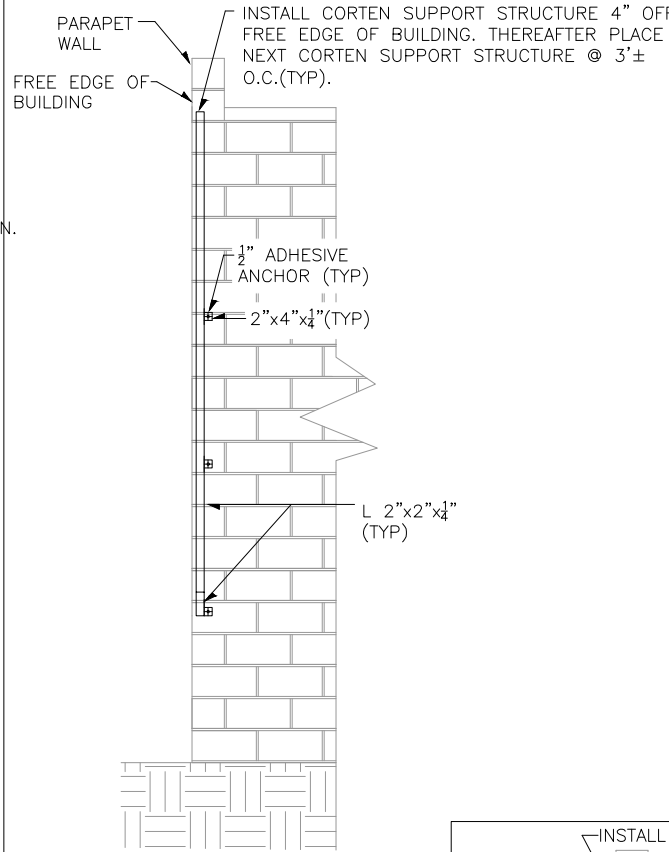
DATE MAR 2020



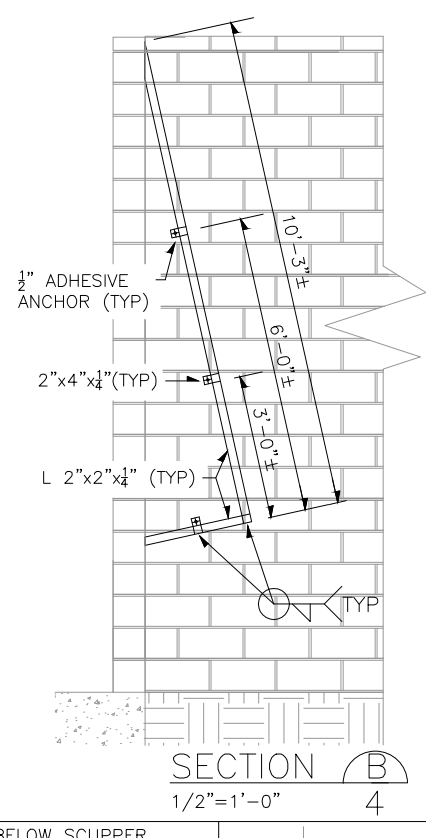
CORTEN ANGLE DETAIL
NTS



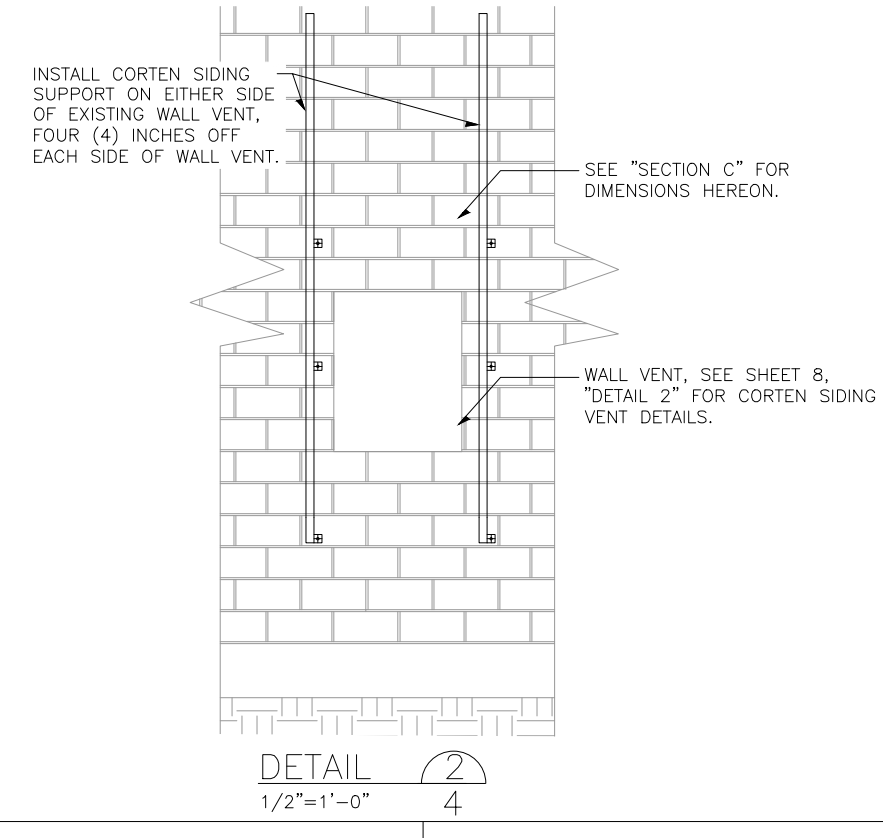
CORTEN SUPPORT SECTION A
1/2"=1'-0" 4



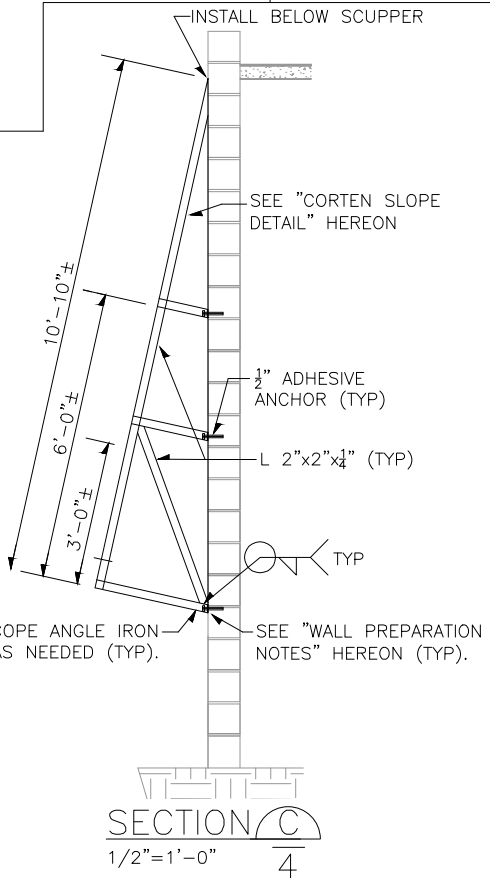
SECTION D
1/2"=1'-0" 4



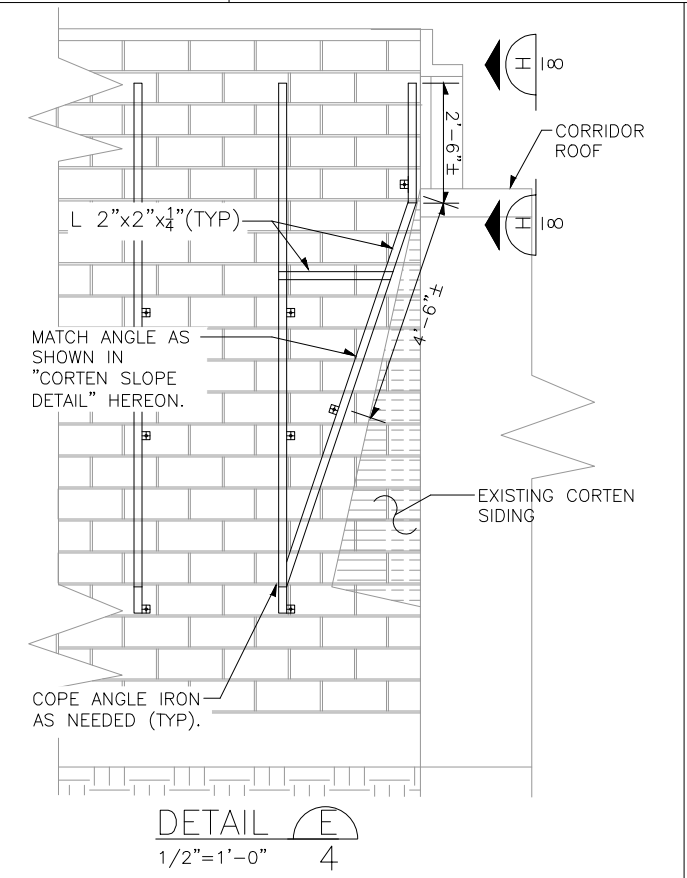
SECTION B
1/2"=1'-0" 4



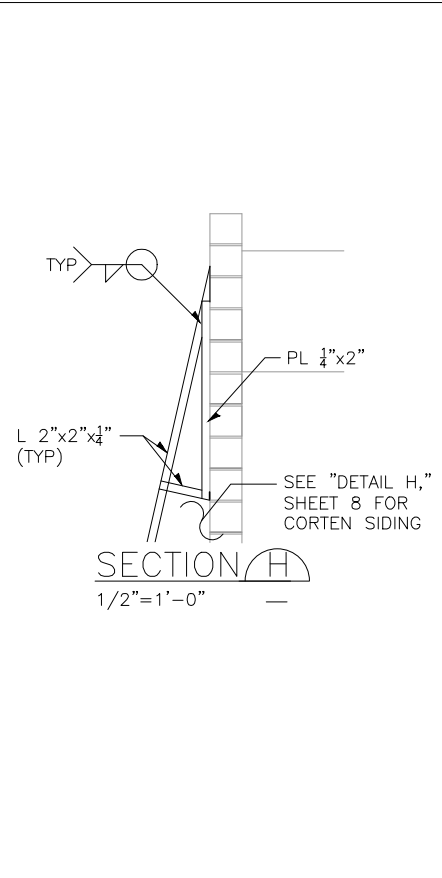
DETAIL 2
1/2"=1'-0" 4



SECTION C
1/2"=1'-0" 4



DETAIL E
1/2"=1'-0" 4



SECTION H
1/2"=1'-0" 4

CORTEN SUPPORT NOTES:

1. THE INTENT OF THIS DESIGN IS TO MATCH EXISTING CORTEN SIDING STRUCTURES ON THE EXISTING BUILDINGS.
2. CONTRACTOR SHALL VERIFY EXISTING GEOMETRY AND FRAMING OF THE CORTEN SIDING, AND THEN SUBMIT FRAMING SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL.
3. DISTANCE BETWEEN INDIVIDUAL CORTEN SIDING SUPPORT STRUCTURES SHALL BE APPROXIMATELY THREE (3) FEET ALONG ENTIRE LENGTHS OF "AREA A" AND "AREA B" WALLS, UNLESS SPECIFIED ELSEWHERE.
4. POSITION CORTEN SIDING STRUCTURES SUCH THAT ONLY ONE (1) EPOXY ANCHOR SHALL BE INSTALLED PER BLOCK CELL.
5. EPOXY ANCHORS SHALL BE PLACED A MINIMUM OF SIX (6) ANCHOR DIAMETERS FROM VERTICAL GROUT LINE.
6. EPOXY ANCHORS SHALL BE INSTALLED AT LEAST FOUR (4) INCHES FROM VERTICAL GROUT LINES.
7. EPOXY ANCHORS SHALL BE HILTI, HY 270 & THREADED ROD 1/2" DIA. 304 SST HY270, 4 1/2" EMBEDMENT; OR EQUAL.
8. VERIFY LOCATION OF EACH SOFFIT SUPPORT STRUCTURE WITH ENGINEER PRIOR TO INSTALLATION.

WALL PREPARATION NOTES:

1. PRIOR TO INSTALLING METAL SUPPORT STRUCTURES ON WALL, ALL LOOSE AND DELETERIOUS MATERIAL AT THE MOUNTING POINTS SHALL BE REMOVED FROM THE SPLIT FACED BLOCK.
2. MOUNTING AREAS SHALL BE SMOOTH (1/8"±), PLUMB WITH EACH OTHER VERTICALLY (1/8"±), AND PERPENDICULAR TO THE HORIZON. ENGINEER SHALL INSPECT MOUNTING AREAS PRIOR TO THE INSTALLATION OF THE METAL SUPPORT STRUCTURES.



Tahoe - Truckee Sanitation Agency
13720 Butterfield Drive
Truckee, California 96161
(530) 587-2525



03/18/2020

2020 CORTEN WALL ADDITIONS

CORTEN STRUCTURAL SUPPORT DETAILS

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

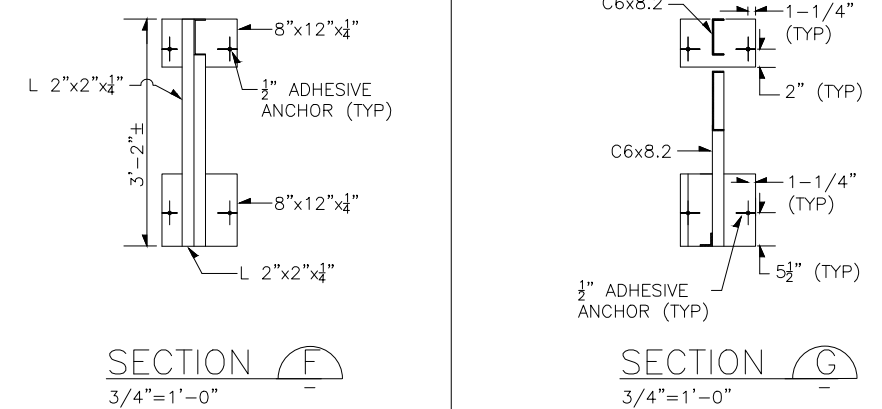
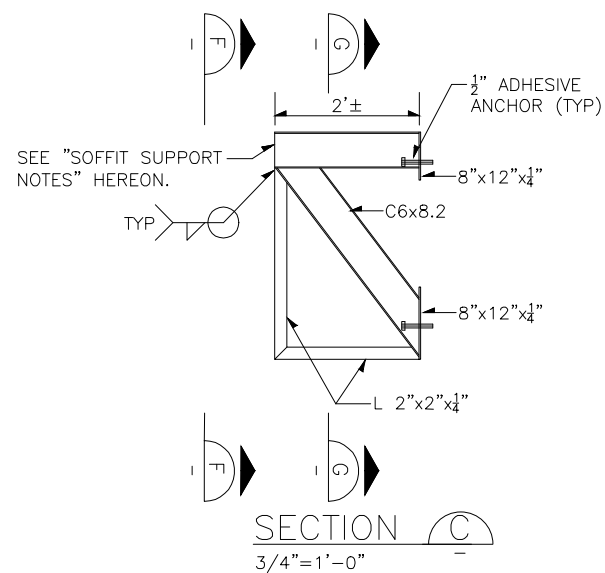
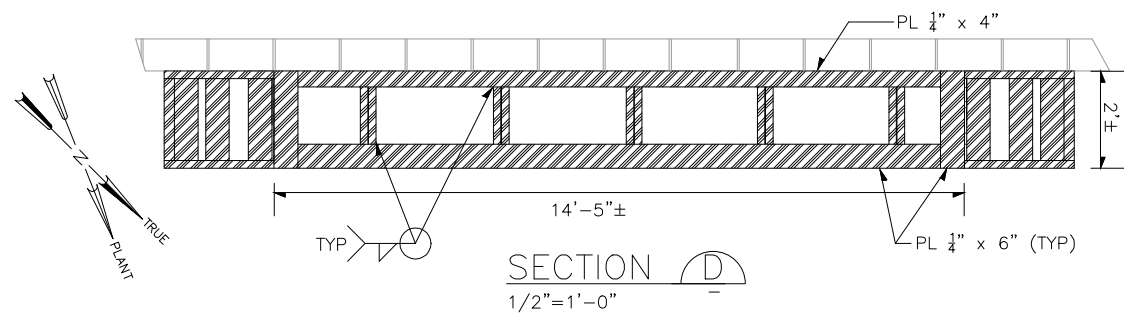
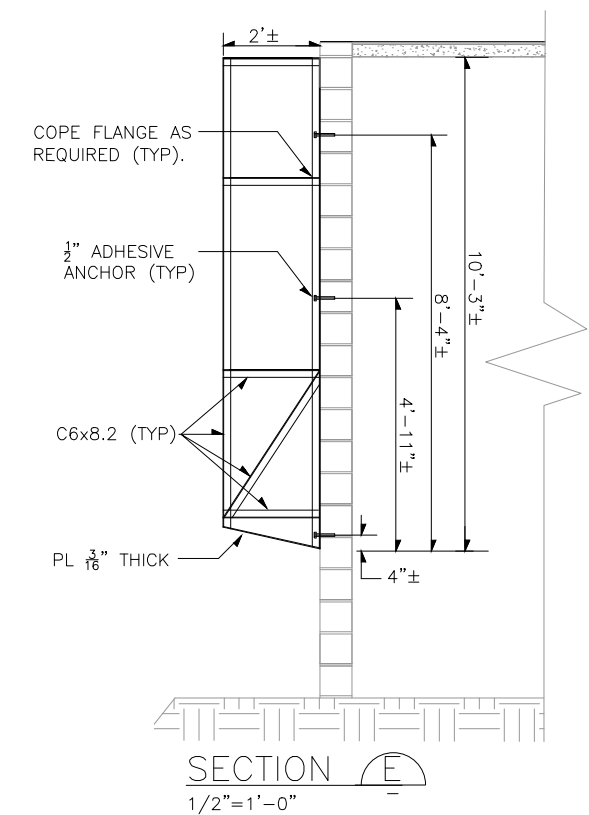
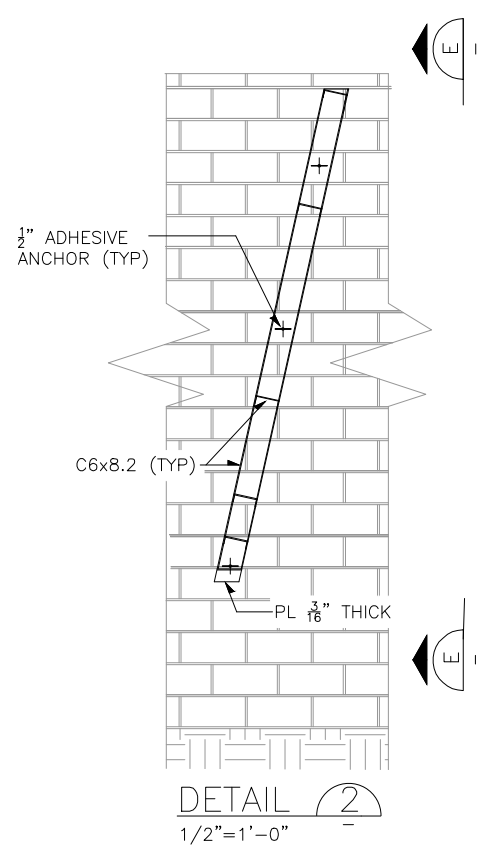
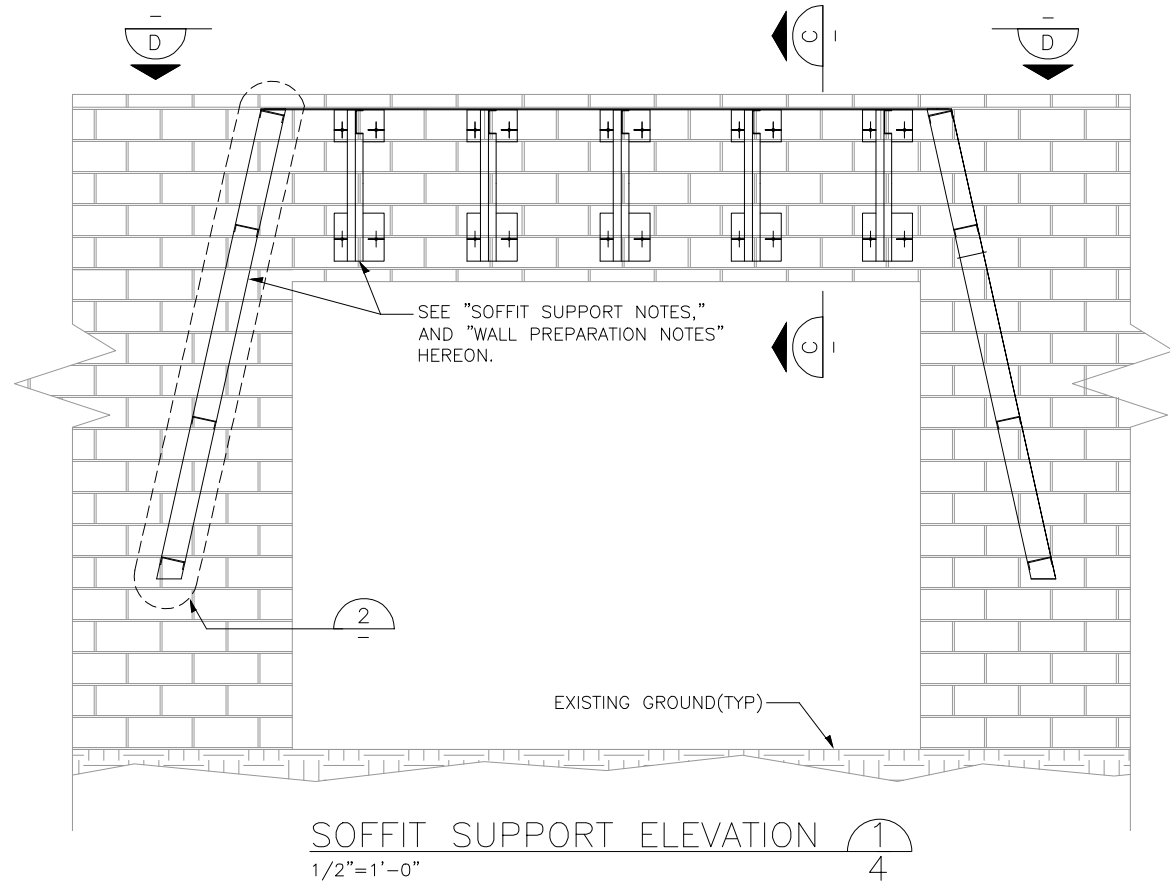
Designed By: AC

Drawn By: AC

Checked By: JP

Approved By: LG

					SHEET 5 OF 12
					DWG NO. 4-AS-102
					DATE MAR 2020
SYM	REVISIONS	DATE	BY		



SOFFIT SUPPORT NOTES:

1. THE INTENT OF THIS DESIGN IS TO MATCH EXISTING SOFFIT STRUCTURES ON THE EXISTING BUILDINGS.
2. CONTRACTOR SHALL VERIFY EXISTING GEOMETRY AND FRAMING OF THE SOFFIT STRUCTURE, AND THEN SUBMIT FRAMING SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL.
3. INSTALL A TOTAL OF FIVE (5) SOFFIT SUPPORT STRUCTURES.
4. DISTANCE BETWEEN SOFFIT SUPPORT STRUCTURES WILL VARY BETWEEN 1'-6" TO 2'.
5. POSITION SOFFIT SUPPORT STRUCTURE SUCH THAT ONLY ONE (1) EPOXY ANCHOR SHALL BE INSTALLED PER BLOCK.
6. EPOXY ANCHORS SHALL BE PLACED A MINIMUM OF SIX (6) ANCHOR DIAMETERS FROM VERTICAL GROUT LINES.
7. EPOXY ANCHORS SHALL BE INSTALLED AT LEAST FOUR (4) INCHES FROM VERTICAL GROUT LINES.
8. EPOXY ANCHORS SHALL BE HILTI, HY 270 & THREADED ROD 1/2" DIA. 304 SST HY270, 4 1/2" EMBEDMENT; OR EQUAL.
9. VERIFY LOCATION OF EACH SOFFIT SUPPORT STRUCTURE WITH ENGINEER PRIOR TO INSTALLATION.

WALL PREPARATION NOTES:

1. PRIOR TO INSTALLING METAL SUPPORT STRUCTURES ON WALL, ALL LOOSE AND DELETERIOUS MATERIAL AT THE MOUNTING POINTS SHALL BE REMOVED.
2. MOUNTING AREAS SHALL BE SMOOTH (1/8"±), PLUMB WITH EACH OTHER VERTICALLY (1/8"±), AND PERPENDICULAR TO THE HORIZON. ENGINEER SHALL INSPECT MOUNTING AREAS PRIOR TO THE INSTALLATION OF THE METAL SUPPORT STRUCTURES.



Tahoe - Truckee Sanitation Agency
13720 Butterfield Drive
Truckee, California 96161
(530) 587-2525



03/18/2020

2020 CORTEN WALL ADDITIONS

SOFFIT STRUCTURAL DETAILS

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

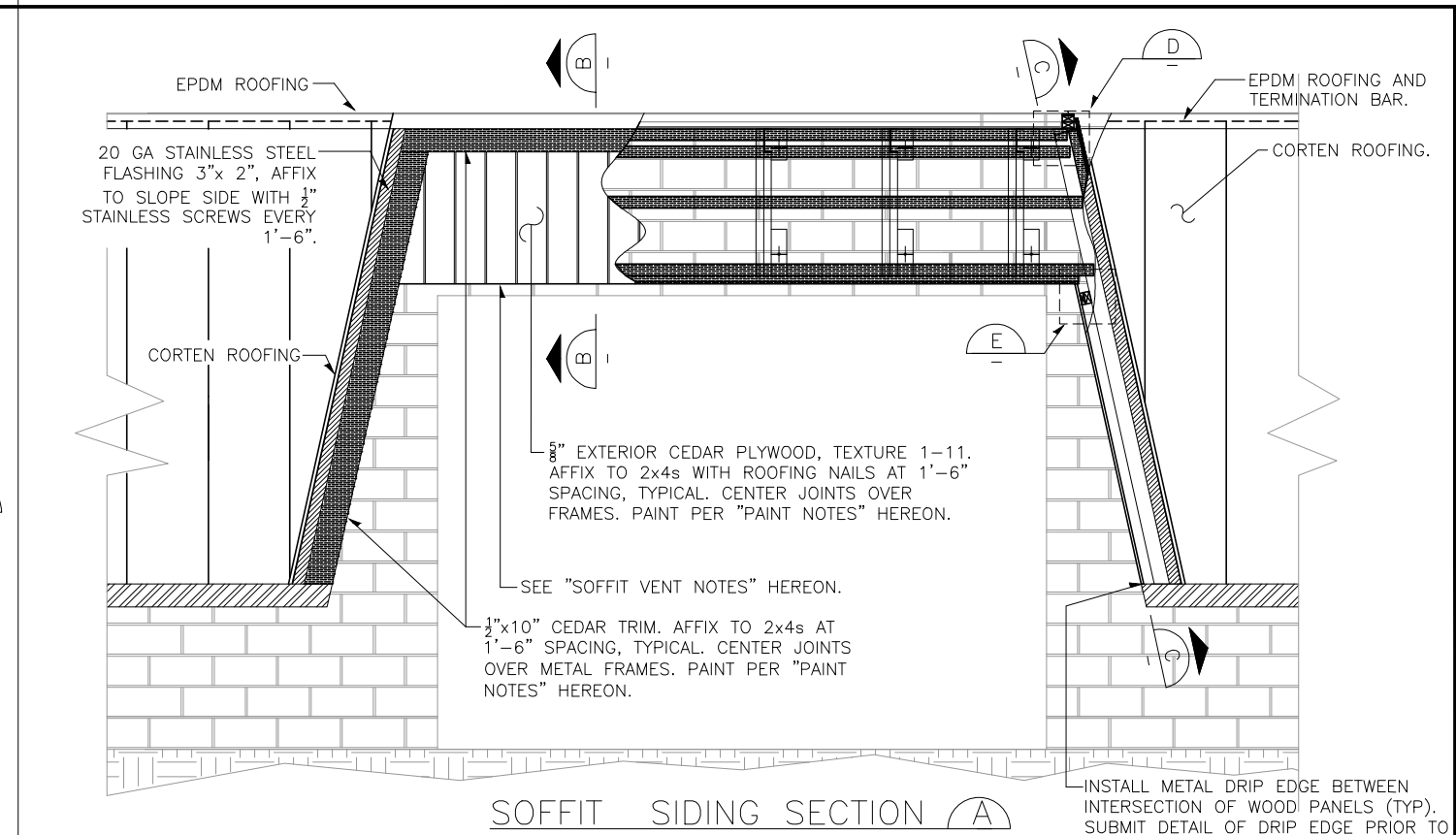
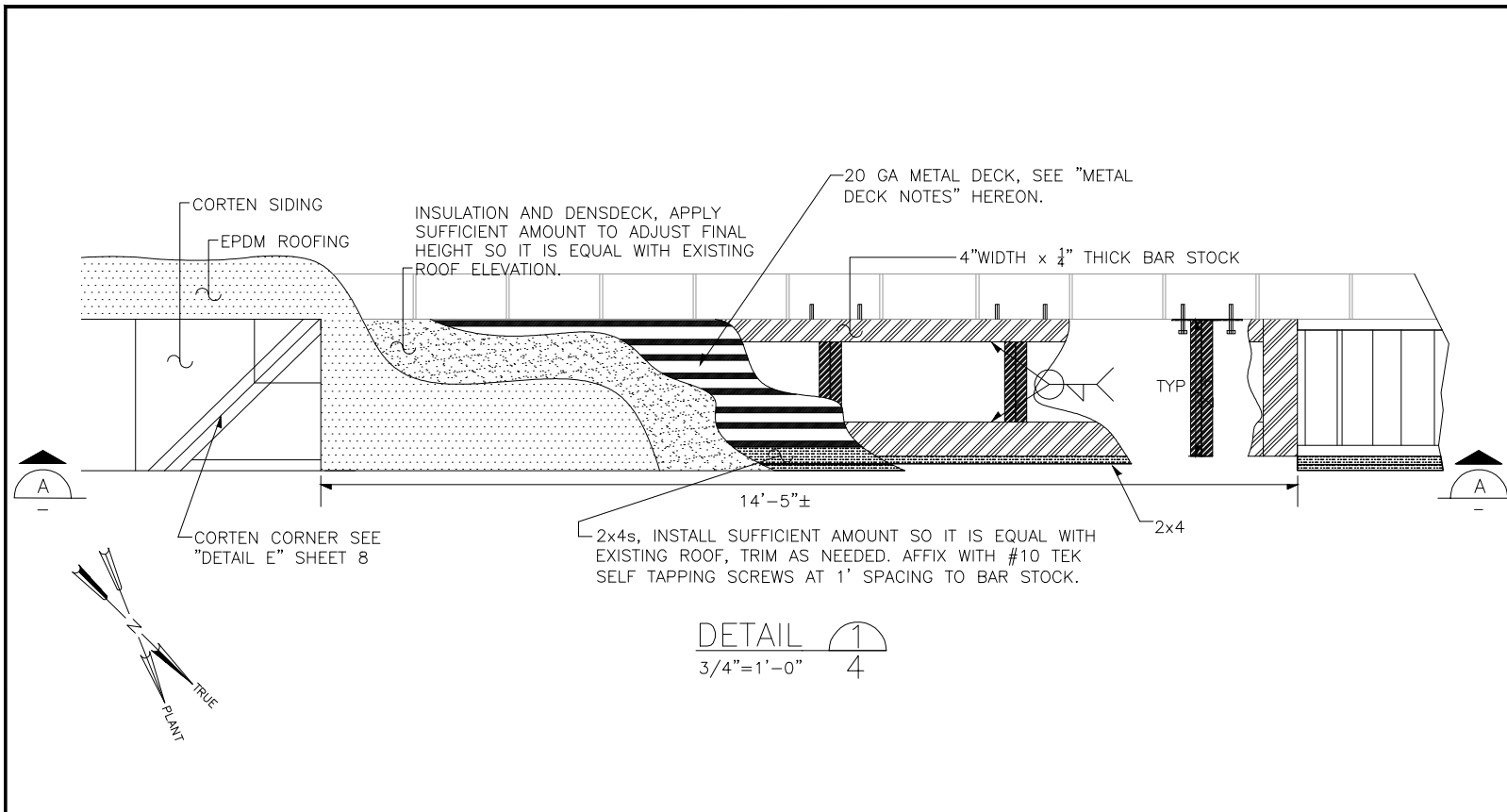
Designed By: AC
Drawn By: AC
Checked By: JP
Approved By: LG

SYM	REVISIONS	DATE	BY

SHEET 6 OF 12

DWG NO. 4-AS-103

DATE MAR 2020



SOFFIT VENT NOTES:

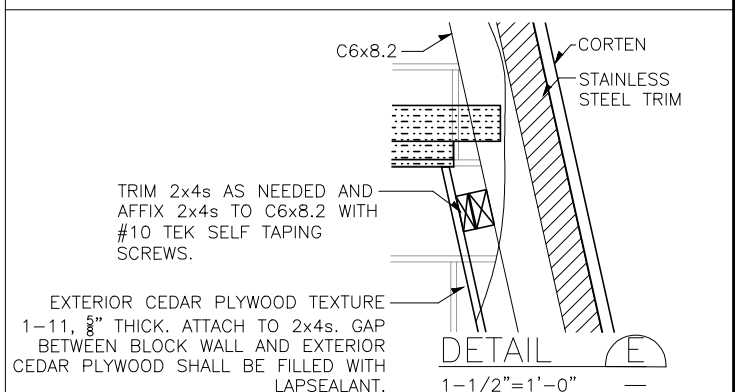
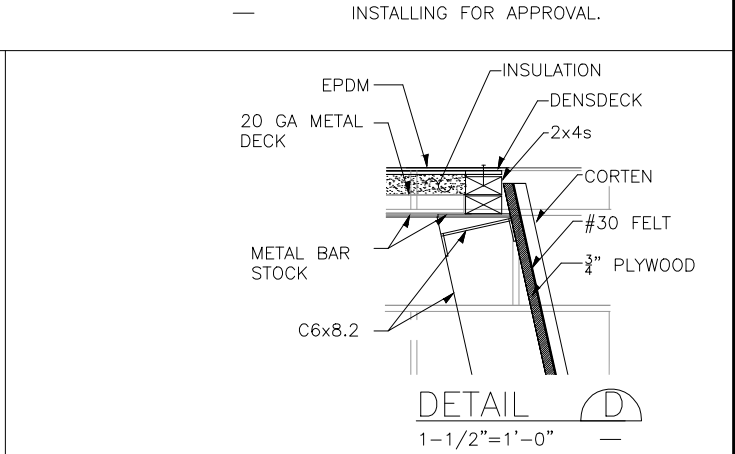
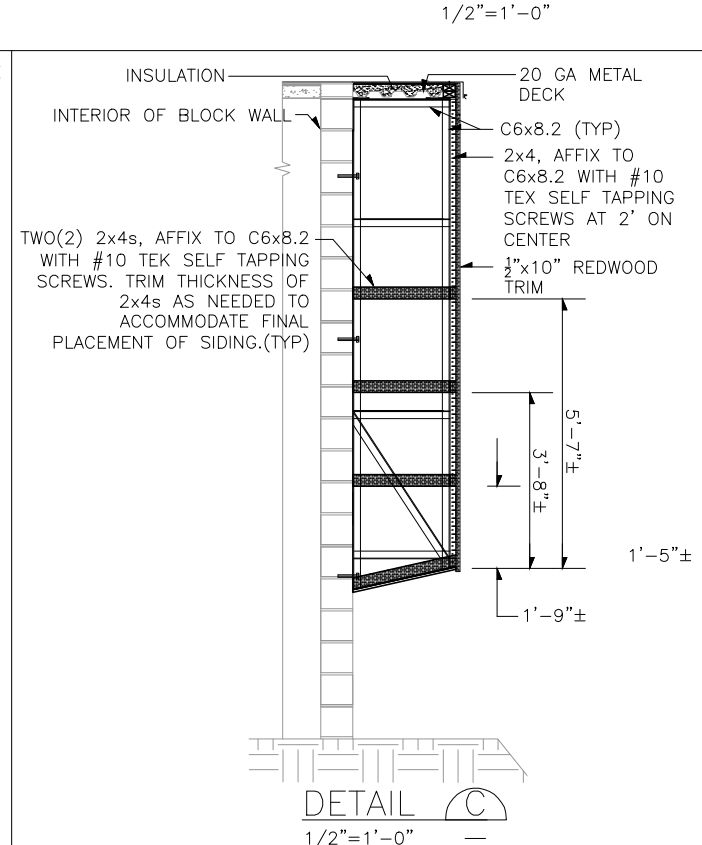
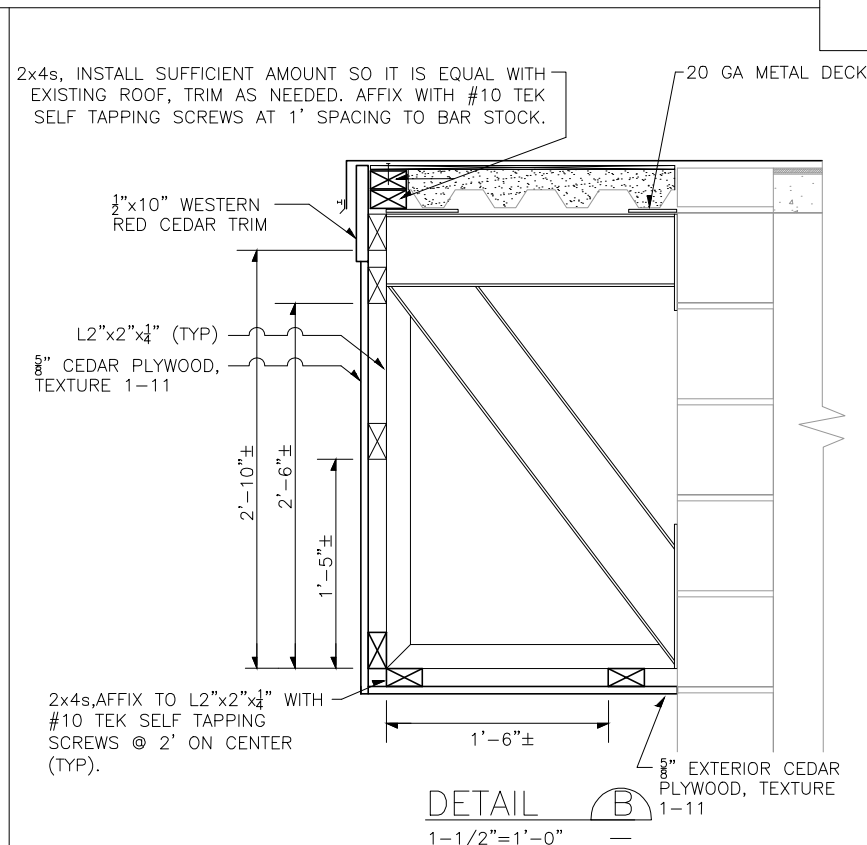
1. INSTALL TWO (2) CONTINUOUS SOFFIT VENTS PER SOFFIT SECTION.
2. ENGINEER SHALL APPROVE LOCATION OF SOFFIT VENTS PRIOR TO INSTALLATION.
3. SOFFIT VENTS SHALL BE VULCAN VENT, FIRE SAFE VENTS; MANUFACTURED BY GUNTER MANUFACTURING, OR EQUAL.

PAINT NOTES:

1. PRIOR TO PAINTING, SUBMIT COLOR SAMPLE OF PROPOSED PAINT COLORS.
2. PROPOSED PAINT SHALL MATCH COLORS OF THE EXISTING EXTERIOR PAINTED WOOD IN THE IMMEDIATE AREA.
3. ALL EXPOSED WOOD SHALL BE PAINTED WITH SHERWIN-WILLIAMS, DURATION EXTERIOR ACRYLIC LAYTEX, OR EQUAL.
4. PRIOR TO PAINTING, EXPOSED WOOD SHALL BE CLEANED AND ABSENT OF ALL DELETERIOUS MATERIAL.
5. EXPOSED WOOD SHALL BE PREPARED AND DRIED PER THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS PRIOR TO PAINTING.
6. PAINT SHALL BE APPLIED IN ENVIRONMENTAL CONDITIONS SPECIFIED BY THE MANUFACTURER.
7. AREAS ADJACENT TO PAINTED SURFACES SHALL NOT BE PAINTED. IF PAINT IS LOCATED ON AREAS THAT ARE NOT CALLED TO BE PAINTED, THESE AREAS SHALL RESTORED TO THEIR CONDITION BEFORE THE START OF CONSTRUCTION.

METAL DECK NOTES:

1. METAL DECKING SHALL BE LISTED IN THE FACTORY MUTUAL "APPROVAL GUIDE FOR CLASS 1 FIRE, AND CLASS 1-90 WIND UPLIFT RATING. MINIMUM THICKNESS OF METAL DECKING SHALL BE 20 GAUGE OR THICKER.
2. METAL DECKING SHALL HAVE THE FOLLOWING PHYSICAL PROPERTIES, MINIMUM YIELD STRENGTH 33 KSI, Sp 0.243 (IN²/FT), Sn 0.255 (IN²/FT).
3. ATTACH METAL DECKING TO SUPPORT STRUCTURE BY WELDING. AT PERPENDICULAR SUPPORTS AND PARALLEL SUPPORTS ATTACH VIA 3/4" DIA. SPOT WELD. AT SIDELAPS ATTACH VIA 1-1/2" SEAM WELD.
4. METAL DECKING SHALL HAVE GALVANIZED COATING CONSISTING OF AT LEAST G-90.



Tahoe - Truckee Sanitation Agency
 13720 Butterfield Drive
 Truckee, California 96161
 (530) 587-2525

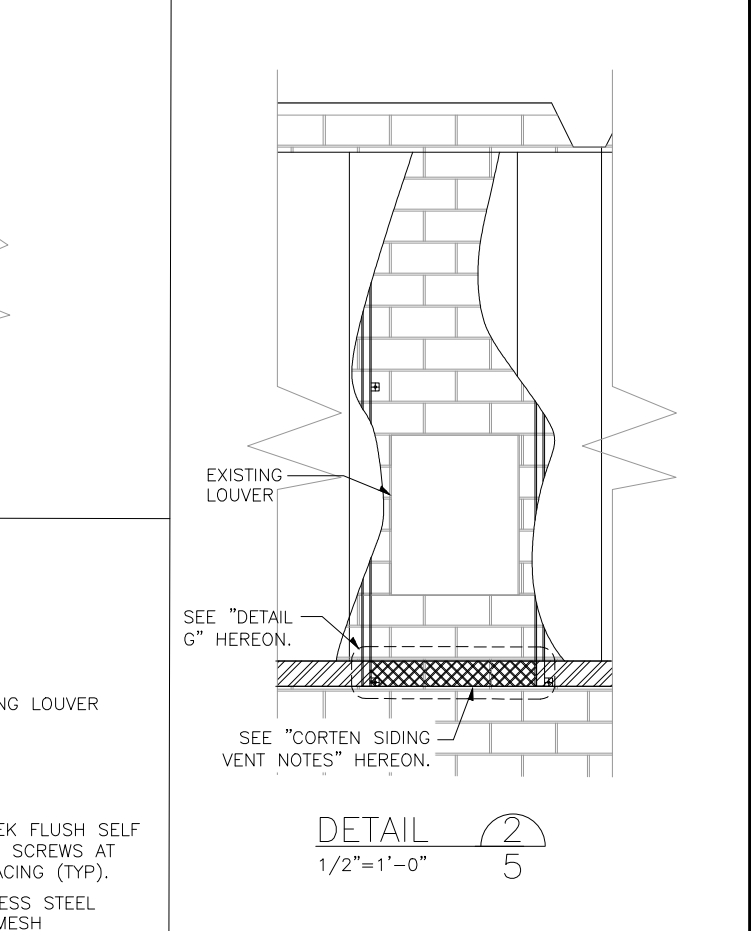
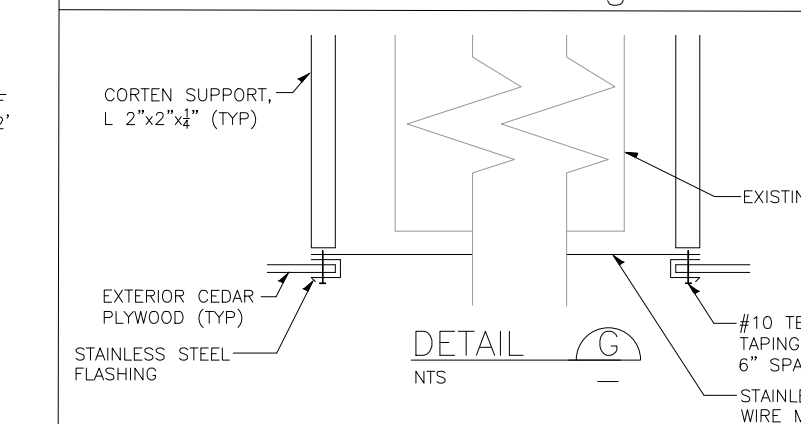
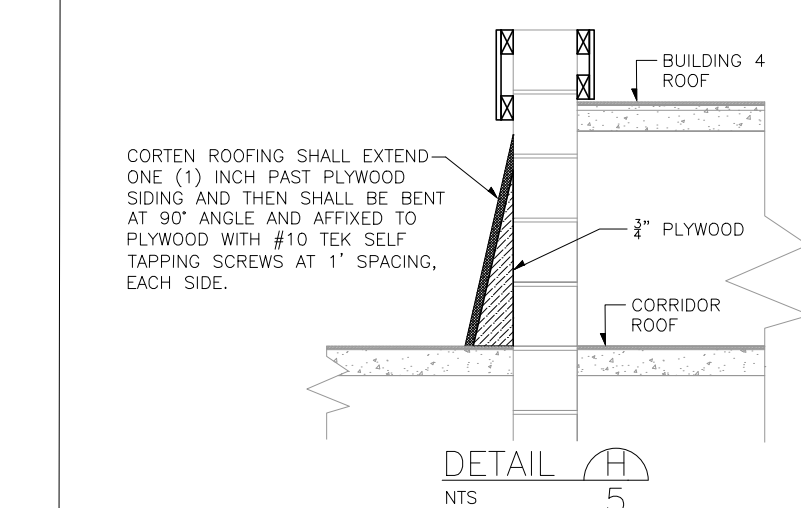
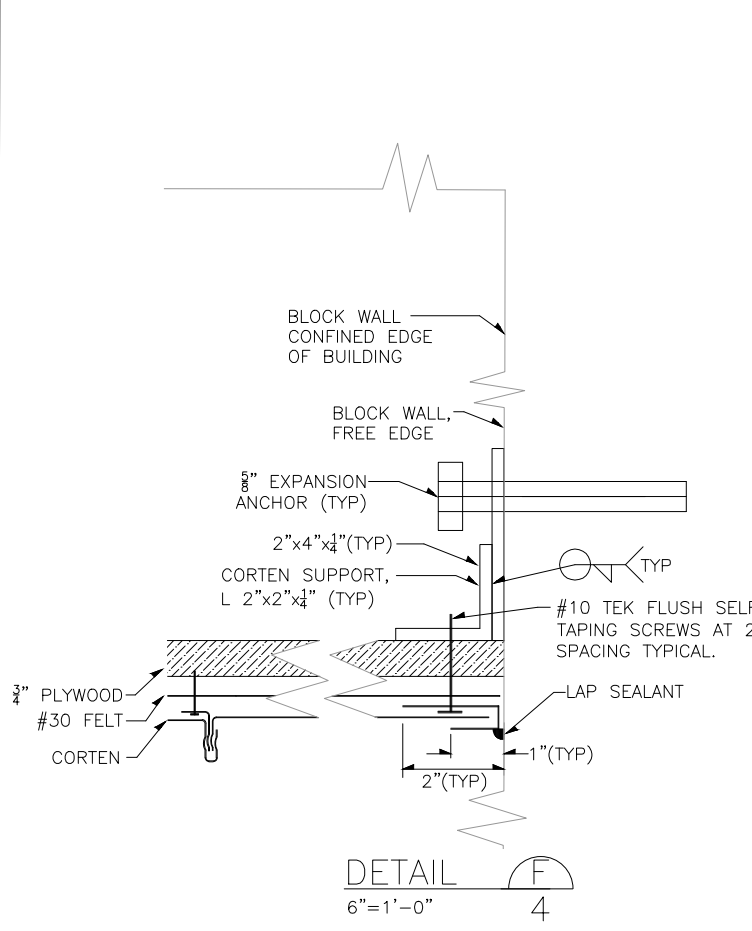
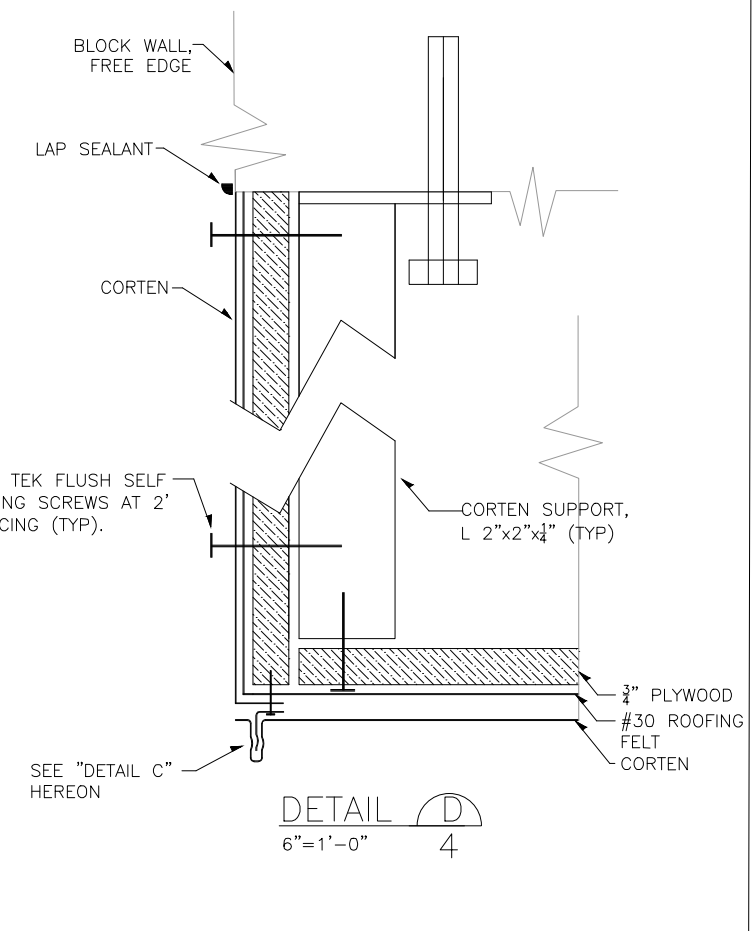
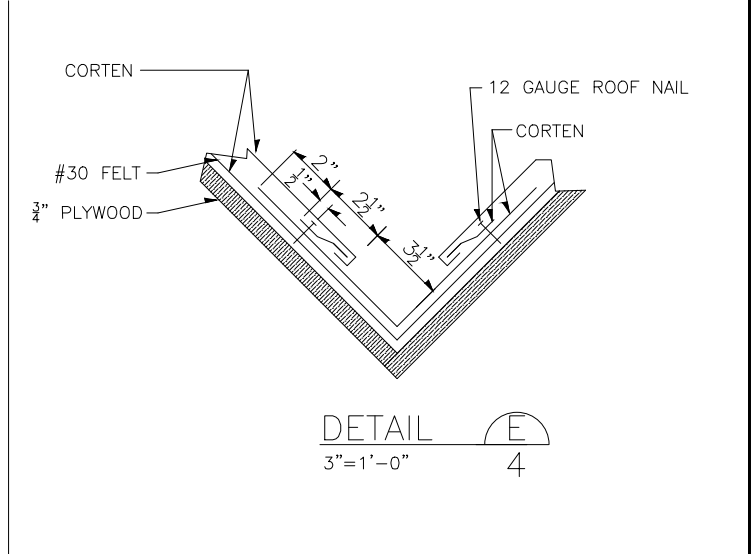
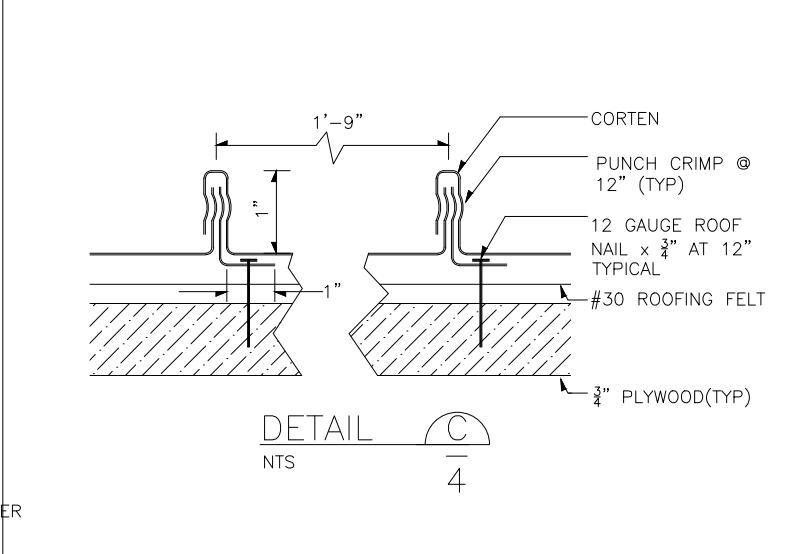
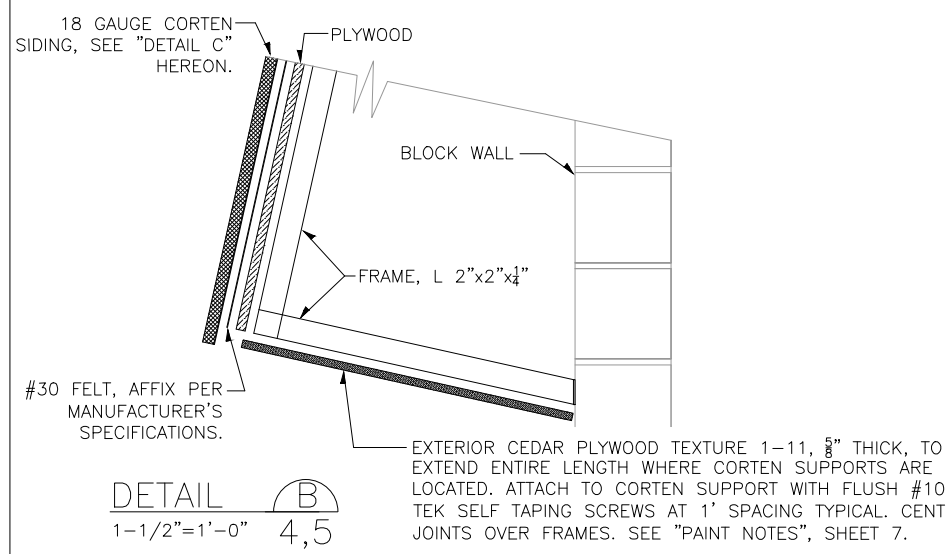
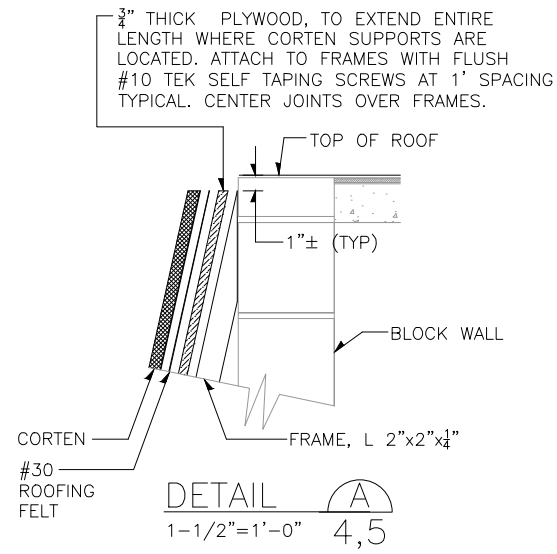
PAUL CARLSON
 CIVIL ENGINEER
 STATE OF CALIFORNIA
 03/18/2020

2020 CORTEN WALL ADDITIONS
SOFFIT FINISH CARPENTRY DETAILS

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1"
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC
Drawn By: AC
Checked By: JP
Approved By: LG

SHEET	7 OF 12
DWG NO.	4-AS-104
DATE	MAR 2020
SYMBOL	REVISIONS
DATE	BY



- CORTEN SIDING VENT NOTES:
1. END EXTERIOR CEDAR PLYWOOD TEXTURE 1-11 AT THE END OF THE CORTEN SUPPORT STRUCTURE AND AFFIX WITH FLUSH #10 TEK SELF TAPING SCREWS.
 2. PRIOR TO INSTALLING REDWOOD PLYWOOD TEXTURE, INSTALL COARSE STAINLESS STEEL WIRE MESH, #4 x 0.47 WIRE (FOUR OPENINGS PER INCH) OVER VENT OPENING.

Tahoe - Truckee Sanitation Agency
13720 Butterfield Drive
Truckee, California 96161
(530) 587-2525

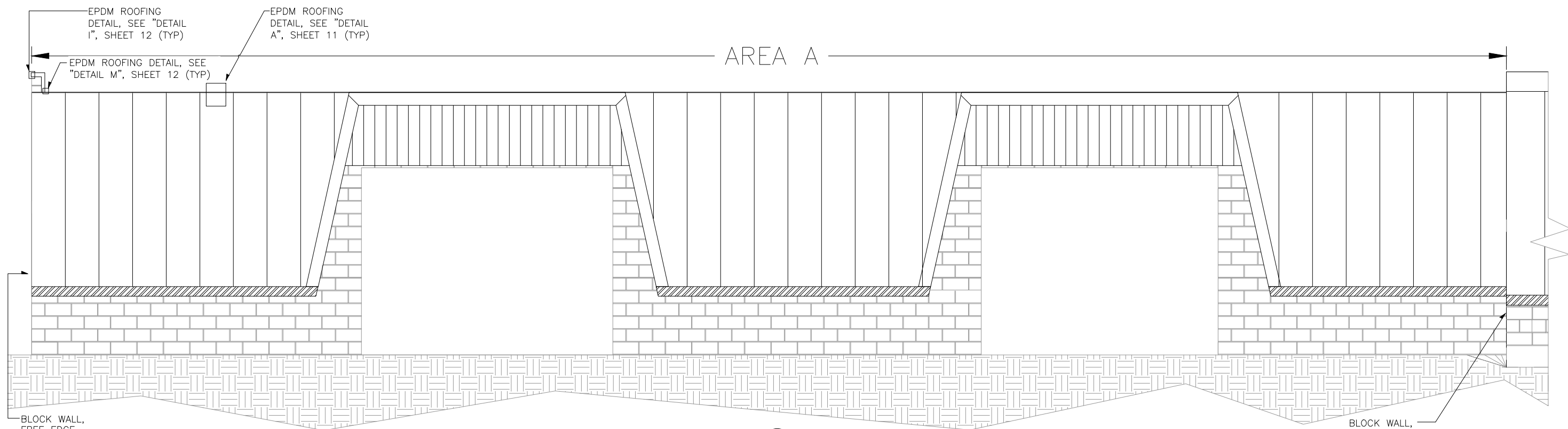
03/18/2020

2020 CORTEN WALL ADDITIONS
CORTEN SIDING DETAILS

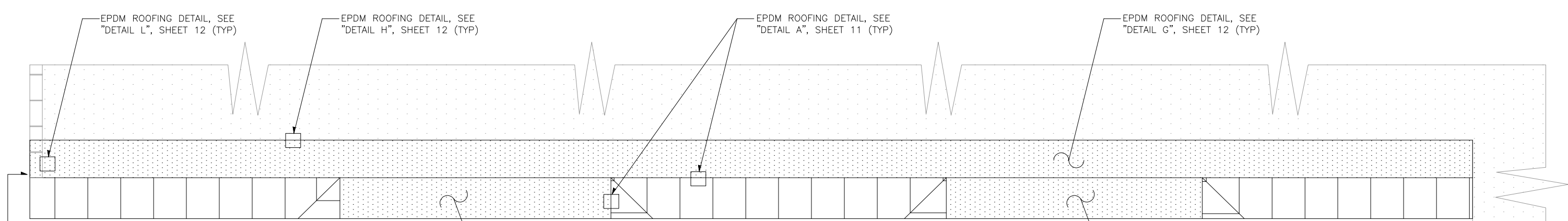
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC
Drawn By: AC
Checked By: JP
Approved By: LG

				SHEET 8 OF 12
				DWG NO. 4-AS-105
				DATE MAR 2020
SYM	REVISIONS	DATE	BY	



SECTION $\frac{A}{4}$
3/8"=1'-0"



AREA A - ROOF PLAN VIEW
3/8"=1'-0"

Tahoe - Truckee Sanitation Agency
13720 Butterfield Drive
Truckee, California 96161
(530) 587-2525

03/18/2020

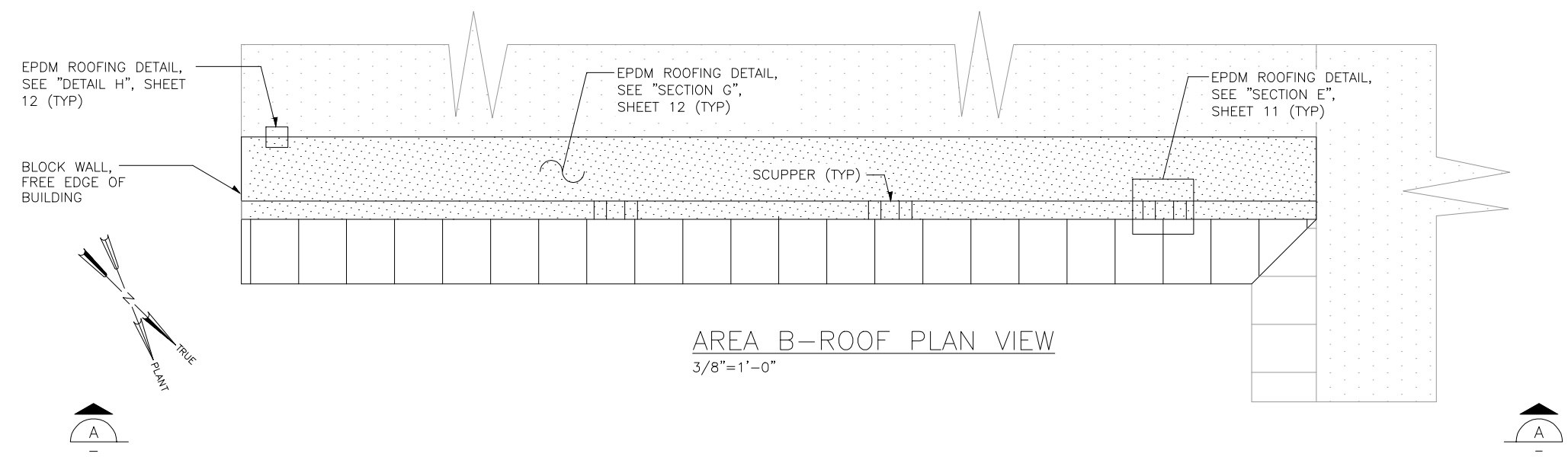
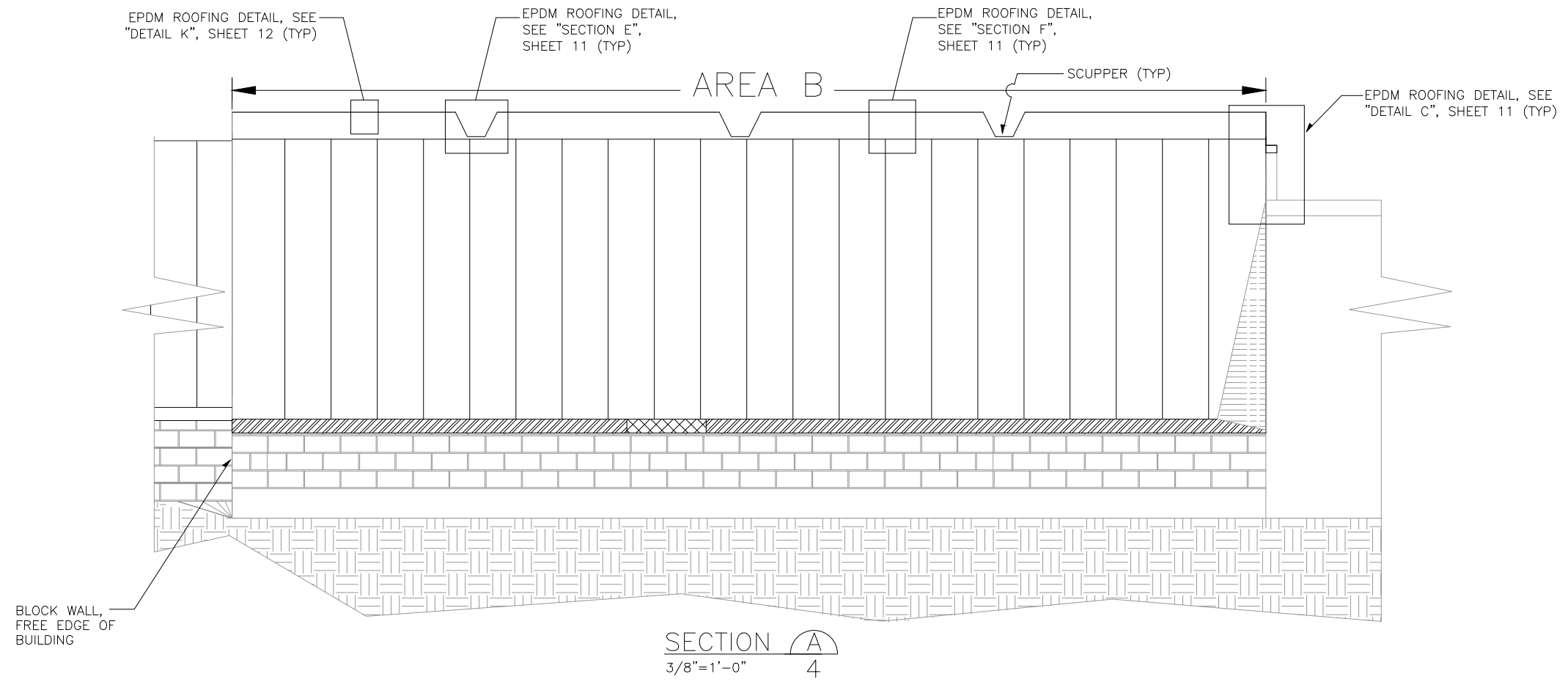
2020 CORTEN WALL ADDITIONS
EPDM ROOF REPLACEMENT, AREA A

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC
Drawn By: AC
Checked By: JP
Approved By: LG

SYM	REVISIONS	DATE	BY

SHEET 9 OF 12
DWG NO. 4-AS-106
DATE MAR 2020



Tahoe - Truckee Sanitation Agency
 13720 Butterfield Drive
 Truckee, California 96161
 (530) 587-2525



03/18/2020

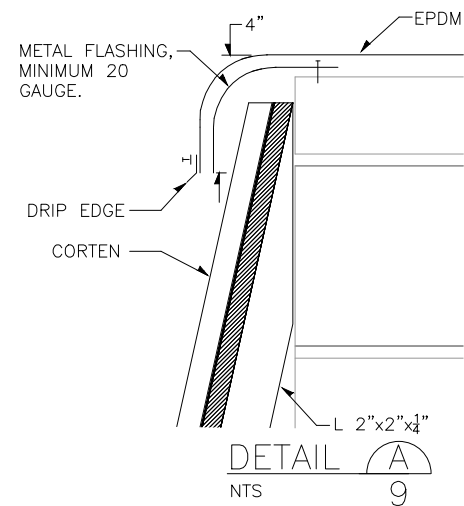
2020 CORTEN WALL ADDITIONS
 EPDM ROOF REPLACEMENT, AREA B

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1"
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC
Drawn By: AC
Checked By: JP
Approved By: LG

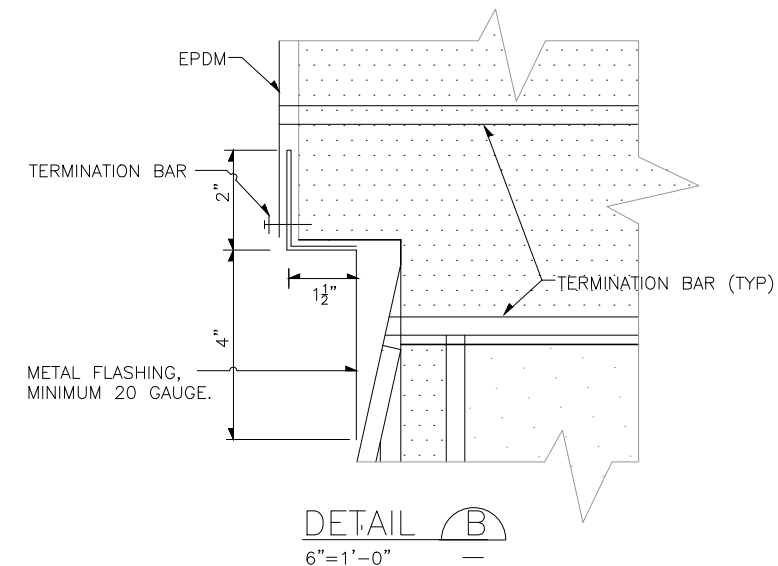
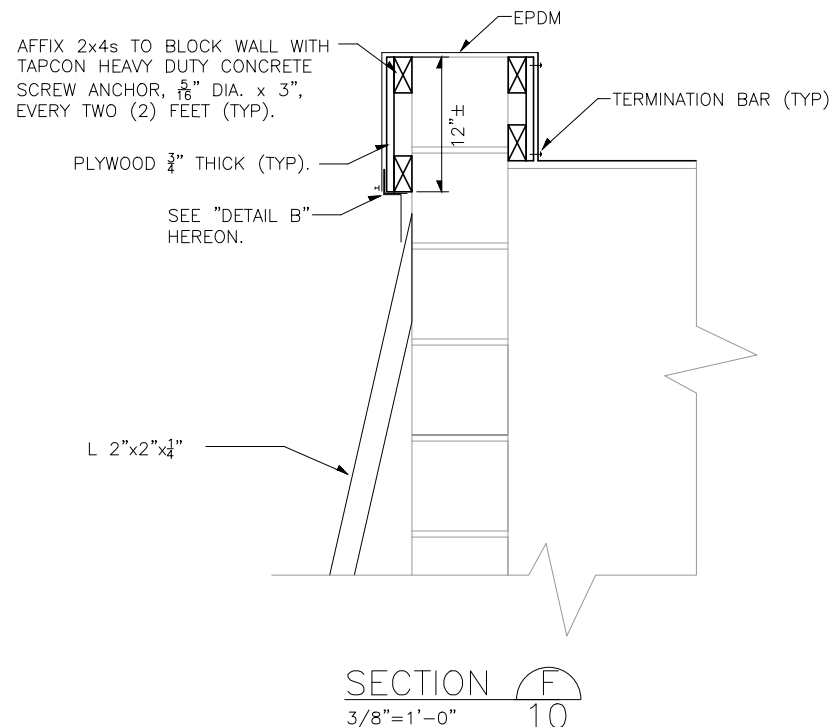
SYM	REVISIONS	DATE	BY

SHEET 10 OF 12
 DWG NO. 4-AS-107
 DATE MAR 2020



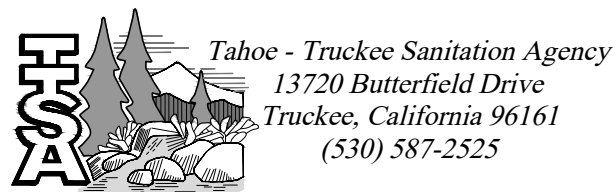
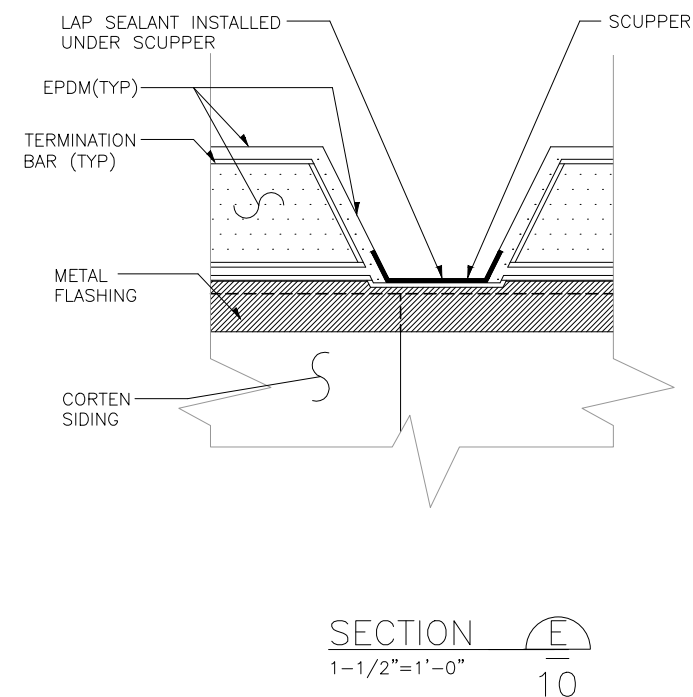
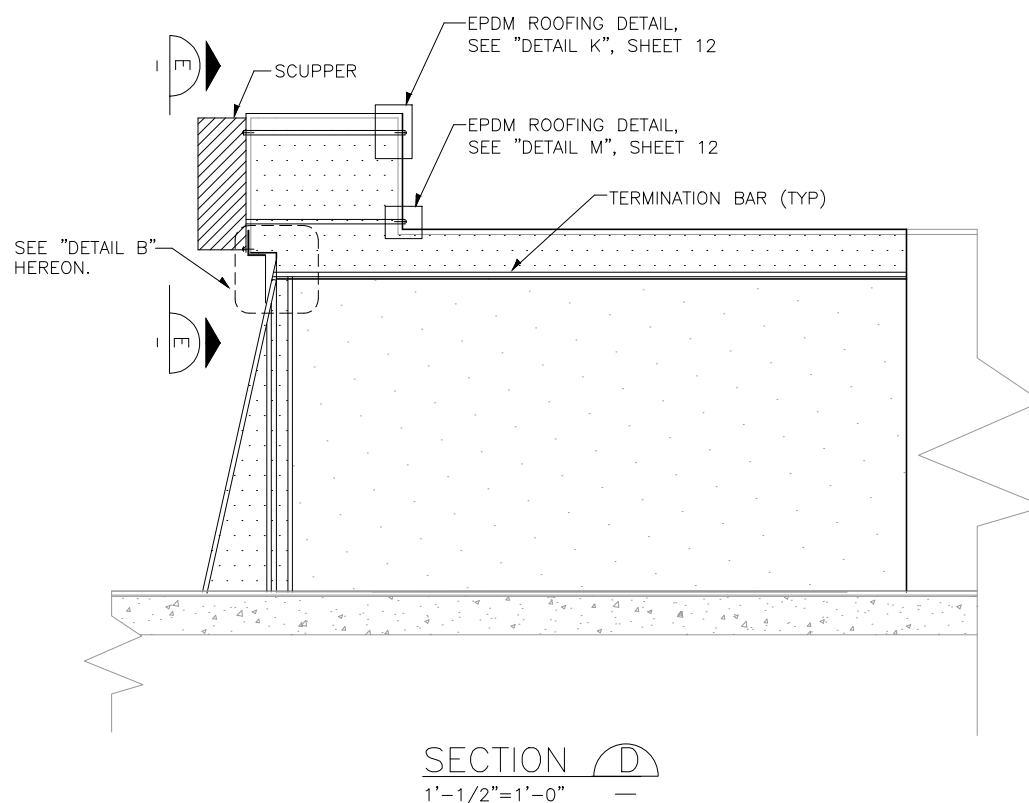
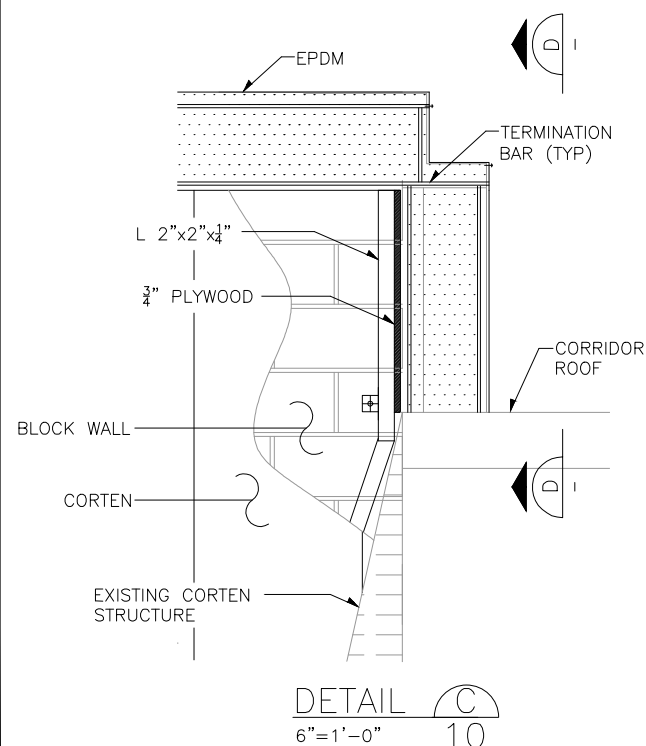
DETAIL A NOTES—METAL FLASHING:

1. THE METAL FLASHING SHALL BE MECHANICALLY FIXED INTO THE TOP OF THE WALL.
2. APPLY LAP SEALANT TO THE INTERSECTION BETWEEN THE METAL FLASHING AND THE CONFINED EDGE OF THE BLOCK WALL.
3. THE METAL FLASHING SHALL COVER THE EXPOSED EDGE OF THE CORTEN SIDING AT THE FREE EDGE OF THE BLOCK WALL AND SHALL PREVENT WATER FROM ENTERING THE TOP EDGE OF THE CORTEN SIDING.
4. SUBMIT DETAILS FOR ALL METAL FLASHING FOR APPROVAL PRIOR TO INSTALLING.



DETAIL B NOTES:

1. THE METAL FLASHING SHALL BE MECHANICALLY FIXED INTO THE SIDE OF THE PARAPET WALL.
2. THE METAL FLASHING SHALL COVER THE EXPOSED EDGE OF THE CORTEN SIDING AT THE FREE EDGE OF THE BLOCK WALL AND SHALL PREVENT WATER FROM ENTERING THE TOP EDGE OF THE CORTEN SIDING.
3. SUBMIT DETAILS FOR METAL FLASHING FOR APPROVAL PRIOR TO INSTALLING.

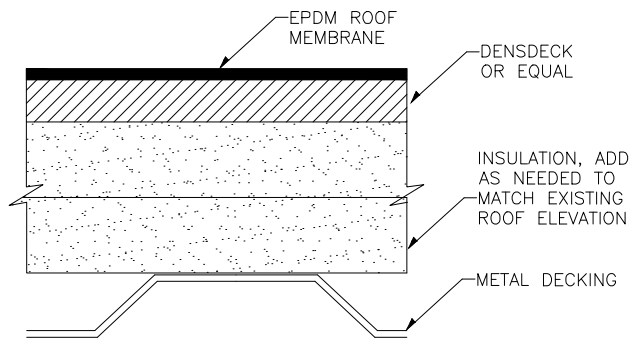


2020 CORTEN WALL ADDITIONS
EPDM ROOFING REPLACEMENT,
DETAIL SHEET 1

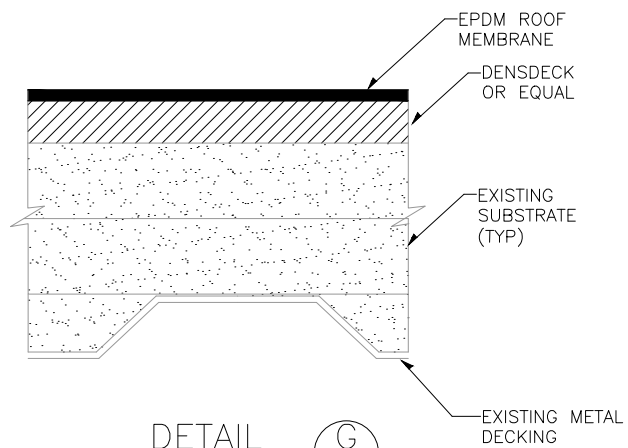
VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1"
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC
Drawn By: AC
Checked By: JP
Approved By: LG

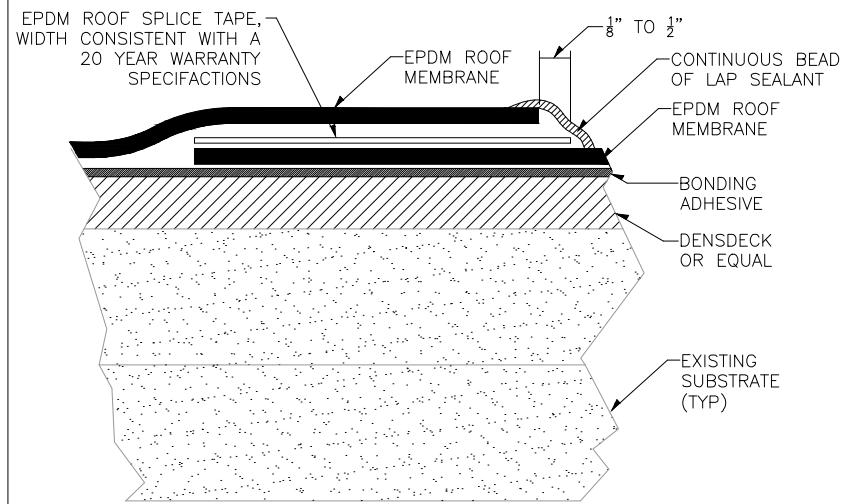
				SHEET 11 OF 12
				DWG NO.4-AS-108
				DATE MAR 2020
SYM	REVISIONS	DATE	BY	



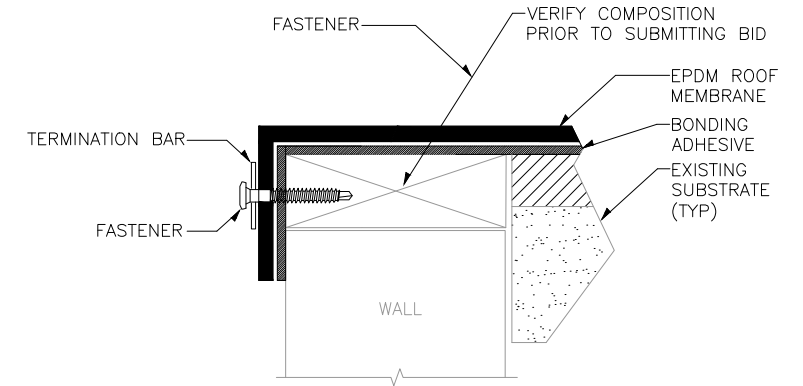
DETAIL F
NTS 9



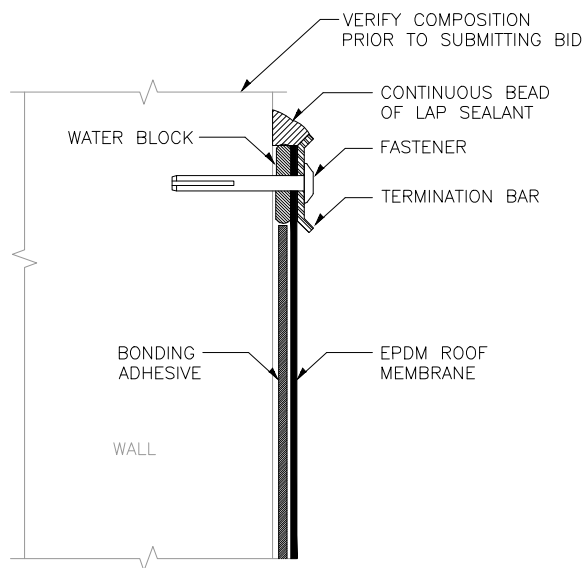
DETAIL G
NTS 9 10



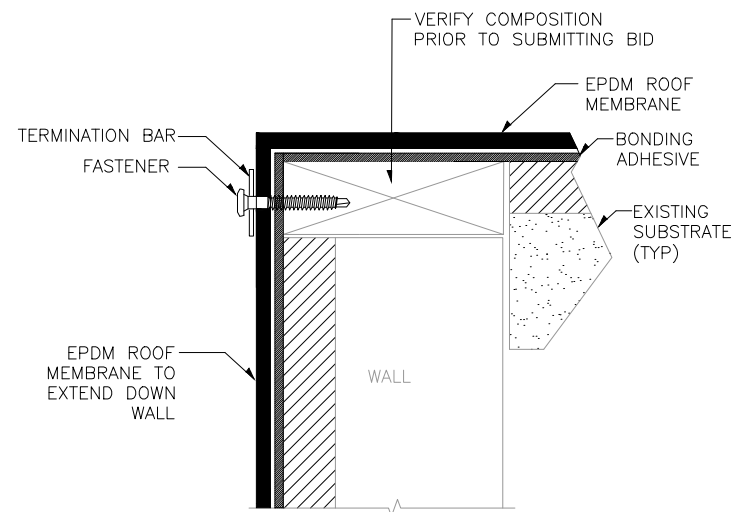
DETAIL H
NTS 9 10



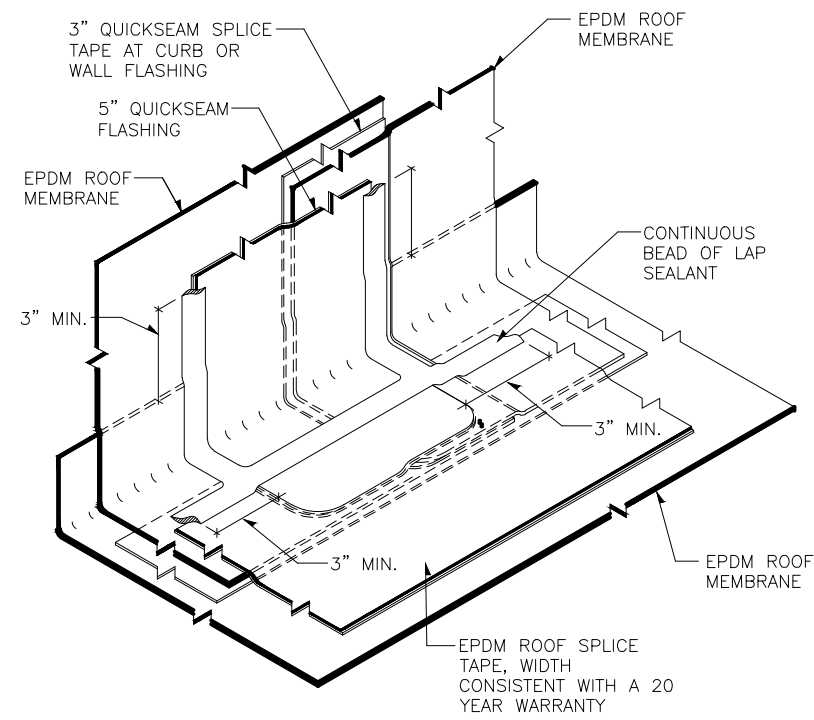
DETAIL I
NTS 9



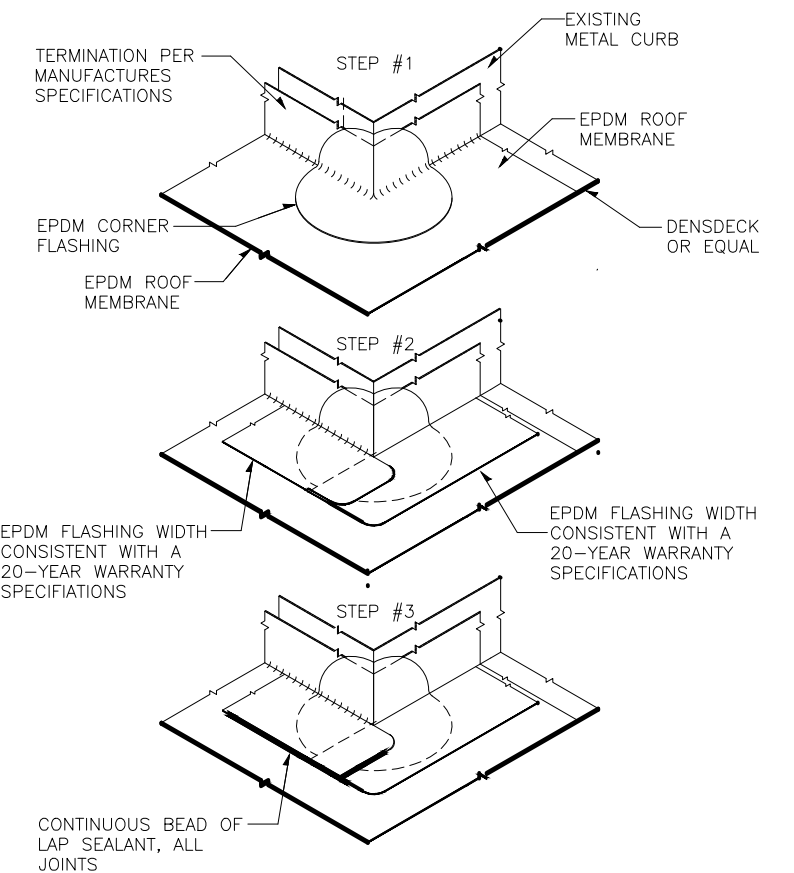
DETAIL J
NTS 9



DETAIL K
NTS 10



DETAIL L
NTS 9



DETAIL M
NTS 9



Tahoe - Truckee Sanitation Agency
13720 Butterfield Drive
Truckee, California 96161
(530) 587-2525



03/18/2020

2020 CORTEN WALL ADDITIONS
EPDM ROOFING REPLACEMENT,
DETAIL SHEET 2

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

Designed By: AC

Drawn By: AC

Checked By: JP

Approved By: LG

SYM	REVISIONS	DATE	BY

SHEET 12 OF 12

DWG NO. 4-AS-109

DATE MAR 2020



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: LaRue Griffin, General Manager
Item: V-6
Subject: Approval to appoint an ad hoc committee for the Agency Organizational Assessment

Background

At the December 11, 2019 Board of Directors meeting, the Board of Directors approved and awarded the Organizational Assessment to Carollo Engineers. As Carollo Engineers continues to work on the assessment and submits a report, it may be appropriate to receive input and feedback from an ad hoc committee.

Fiscal Impact

None.

Attachments

None.

Recommendation

Management recommends appointment of an ad hoc committee for input and feedback on the Agency Organizational Assessment.

Review Tracking

Submitted By:

LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Roshelle Chavez, Administrative Manager
Item: V-7
Subject: Discussion of temporary sewer service charge and connection fee payment relief due to economic hardships caused by COVID-19

Background

The Agency has received inquiries from commercial customers regarding potential sewer service charge and sewer connection fee relief as they have been financially affected by COVID-19. Per Agency ordinances, there are no current provisions to allow staff to waive fees, charges and penalties associated with a pandemic.

Other districts and agencies have taken steps to provide financial relief to customers, particularly commercial users, and staff requests a discussion to determine if the Agency could provide temporary financial relief to commercial users for hardships due to COVID-19. Staff can discuss relief options at the meeting.

Fiscal Impact

Varies on relief options.

Attachments

None.

Recommendation

Management recommends a discussion on temporary sewer service charge and connection fee payment relief due to economic hardships caused by COVID-19.

Review Tracking

Submitted By: 
Roshelle Chavez
Administrative Manager

Approved By: 
LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Roshelle Chavez, Administrative Manager
Item: V-8
Subject: Discussion of fiscal year 2020-2021 financial budget tables

Background

During the review and approval of fiscal year 2019-2020 financial budgets, there was Board of Directors discussion on amending future budget tables to provide and summarize data. In preparation of fiscal year 2020-2021 financial budgets, budget tables were prepared for Board of Directors discussion and feedback. Further explanation of the tables will be provided at the meeting.

Once feedback is received, the fiscal year 2020-2021 financial budgets will be prepared for approval consideration at the June meeting. Please note the values in the tables are preliminary and may vary from the final proposed budgets.

Fiscal Impact

None.

Attachments

Draft budget tables for feedback.

Recommendation

Management requests discussion and feedback on fiscal year 2020-2021 financial budget tables.

Review Tracking

Submitted By: 
Roshelle Chavez
Administrative Manager

Approved By: 
LaRue Griffin
General Manager

Table Index

2019-2020 Budget Review

- Table 1: 2019-2020 Administrative Fund Review (Fund 00)
- Table 2: 2019-2020 Operation & Maintenance Fund Review (Fund 01)
- Table 3: 2019-2020 Wastewater Reserve Fund Review (Fund 02)
- Table 4: 2019-2020 Upgrade, Rehabilitation and Replacement Fund Review (Fund 06)

2020-2021 Revenue

- Table 5: 2020-2021 General Fund Revenue (Fund 00 & 01)
- Table 6: 2020-2021 Wastewater Capital Reserve Fund Revenue (Fund 02)
- Table 7: 2020-2021 State Revolving Fund Revenue (Fund 04)
- Table 8: 2020-2021 Upgrade, Rehabilitation & Replacement Fund Revenue (Fund 06)
- Table 9: 2020-2021 Emergency Reserve Fund Revenue (Fund 07)
- Table 10: 2020-2021 Agency Fund Revenue Summary

2020-2021 Expenditures

- Table 11: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Administrative Department
- Table 12: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Engineering Department
- Table 13: 2020-2021 General Fund Expenditures (Fund 00 & 01) - IT Department
- Table 14: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Operations Department
- Table 15: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Maintenance Department
- Table 16: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Summary

Capital Improvement Plans (5-Year)

- Table 17: Wastewater Capital Reserve Fund (Fund 02) 5-Year Plan
- Table 18: Upgrade, Rehabilitation and Replacement Fund (Fund 06) 5-Year Plan

2020-2021 Fund Summary

- Table 19: 2020-2021 General Fund (Fund 00 & 01) Summary
- Table 20: 2020-2021 Wastewater Capital Reserve Fund (Fund 02) Summary
- Table 21: 2020-2021 Upgrade, Rehabilitation & Replacement Fund (Fund 06) Summary

2020-2021 UAL & End of Year

- Table 22: CalPERS UAL 5-Year Amortization Schedule
- Table 23: End of Year Fund Balance

Appendix A

Accounting Cost Codes

Table 1: 2019-2020 Administrative Fund Review (Fund 00)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual
Revenue			
Ad Valorem	3,900,000	3,235,279	83.0%
Total Revenue	3,900,000	3,235,279	83.0%

Expenditures			
Salaries & Wages	1,040,000	1,040,011	100.0%
Employee Benefits	753,450	627,612	83.3%
Director Fees	7,000	7,333	104.8%
Vehicles	1,950	5,718	293.2%
CSRMA Insurance	175,000	145,000	82.9%
Professional Memberships	27,710	1,595	5.8%
Agency Permits & Licenses	0	33,807	0.0%
Office Expenses	132,850	75,444	56.8%
Contractual Services	154,500	167,075	108.1%
Professional Services	644,000	617,985	96.0%
Conferences & Training	31,500	26,434	83.9%
Uncollectable Accounts	2,000	100	5.0%
Utilities	105,200	95,816	91.1%
Supplies, Repairs & Maintenance	0	0	0.0%
Total Expenditure	3,075,160	2,843,929	92.5%

Net Income	824,840	391,350	47.4%
-------------------	----------------	----------------	--------------

Table 2: 2019-2020 Operation & Maintenance Fund Review (Fund 01)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual
Revenue			
Sewer Service Charges	12,754,000	12,809,132	83.0%
Total Revenue	12,754,000	12,809,132	83.0%
Expenditures			
Salaries & Wages	4,789,934	4,318,056	91.9%
Employee Benefits	2,908,927	2,558,995	87.0%
Director Fees	0	0	104.8%
Vehicles	70,900	51,674	78.8%
CSRMA Insurance	0	0	82.9%
Professional Memberships	15,200	10,663	28.6%
Agency Permits & Licenses	176,000	173,674	117.9%
Office Expenses	151,600	114,552	66.8%
Contractual Services	1,711,150	1,690,866	99.6%
Professional Services	650,000	488,519	85.5%
Conferences & Training	62,500	18,316	47.6%
Uncollectable Accounts	0	0	5.0%
Utilities	953,000	796,016	84.3%
Supplies, Repairs & Maintenance	711,500	696,473	97.9%
Total Expenditures	12,200,711	10,917,803	90.1%
Net Income	553,289	1,891,329	341.8%

Table 3: 2019-2020 Wastewater Reserve Fund Review (Fund 02)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual
Barscreens, Washers, Compactors	350,000	350,000	100.0%
Operation and Maintenance Carts	25,000	21,250	85.0%
Portable Emergency Pump Systems	400,000	25,288	6.3%
Plant Air Compressor	25,000	24,500	98.0%
Security Improvements	50,000	0	0.0%
Utility/Snow Vehicle	50,000	31,409	62.8%
Subtotal	900,000	452,447	50.3%
Debt Payment on SRF Loan (73.2%)	2,587,684	2,377,168	91.9%
Total	3,487,684	2,829,615	81.1%

Table 4: 2019-2020 Upgrade, Rehabilitation and Replacement Fund Review (Fund 06)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual
Lab Equipment Replacements	25,000	8,269	33.1%
Admin. Office Improvement	66,000	88,151	133.6%
Accounting Software Upgrade	90,000	24,313	27.0%
EPDM Roof Replacement	420,000	134,550	32.0%
VFD Replacements	30,000	26,814	89.4%
Centrifuge Rebuild	50,000	4,995	10.0%
Robicon Drive Upgrade	35,000	0	0.0%
Facilities Security System	50,000	0	0.0%
Plant Concrete Repair	450,000	478,292	106.3%
Corten/Fascia Installation Project	150,000	1,070	0.7%
BNR Blower Replacement	25,000	0	0.0%
Subtotal	1,391,000	766,453	55.1%
Debt Payment on SRF Loan (26.8%)	870,329	870,329	100.0%
Total	2,261,329	1,636,782	72.4%

Table 5: 2020-2021 General Fund Revenue (Fund 00 & 01)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Sewer Service Charges	12,754,000	12,809,132	100.4%	12,754,000	0.0%
Fund Interest	38,000	20,056	52.8%	20,000	-47.4%
Other Revenue	13,000	12,924	99.4%	13,000	0.0%
Ad Valorem	3,900,000	3,235,279	83.0%	3,884,501	-0.4%
Temporary Discharge Permits	1,500	1,572	104.8%	1,500	0.0%
Total Revenue	16,706,500	16,078,963	96.2%	16,673,001	-0.2%

Table 6: 2020-2021 Wastewater Capital Reserve Fund Revenue (Fund 02)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Sewer Connection Fee	1,500,000	1,461,130	97.4%	1,800,000	20.0%
Fund Interest	450,000	1,639,386	364.3%	1,700,000	277.8%
Other Revenue	50,000	50,049	100.1%	50,000	0.0%
Total Revenue	2,000,000	3,150,565	157.5%	3,550,000	77.5%

Table 7: 2020-2021 State Revolving Fund Revenue (Fund 04)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Fund Interest	73,000	62,505	85.6%	 	
Total Revenue	73,000	62,505	85.6%	 	

Table 8: 2020-2021 Upgrade, Rehabilitation & Replacement Fund Revenue (Fund 06)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Fund Interest	625,000	368,234	58.9%	375,000	-40.0%
Total Revenue	625,000	368,234	58.9%	375,000	-40.0%

Table 9: 2020-2021 Emergency Reserve Fund Revenue (Fund 07)

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Fund Interest	97,000	83,328	85.9%	85,000	-12.4%
Total Revenue	97,000	83,328	85.9%	85,000	-12.4%

Table 10: 2020-2021 Agency Fund Revenue Summary

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
General Fund	16,706,500	16,078,963	96.2%	16,673,001	-0.2%
Wastewater Capital Reserve	2,000,000	3,150,565	157.5%	3,550,000	77.5%
State Revolving Fund	73,000	62,505	85.6%	0	-100.0%
Upgrade, Rehabilitation & Replacement	625,000	368,234	58.9%	375,000	-40.0%
Emergency Reserve	97,000	83,328	85.9%	85,000	-12.4%
Total Revenue	19,501,500	19,743,594	101.2%	20,683,001	6.1%

Table 11: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Administrative Department

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Salaries & Wages	1,040,000	1,040,011	100.0%	1,143,114	9.9%
Employee Benefits	753,450	627,612	83.3%	674,300	-10.5%
Director Fees	7,000	7,333	104.8%	10,000	42.9%
Vehicles	1,950	5,718	293.2%	2,500	28.2%
CSRMA Insurance	175,000	145,000	82.9%	210,000	20.0%
Professional Memberships	27,710	1,595	5.8%	2,431	-91.2%
Agency Permits & Licenses	0	33,807	0.0%	28,050	0.0%
Office Expenses	132,850	75,444	56.8%	181,385	36.5%
Contractual Services	154,500	167,075	108.1%	150,000	-2.9%
Professional Services	644,000	617,985	96.0%	635,000	-1.4%
Conferences & Training	31,500	26,434	83.9%	33,500	6.3%
Uncollectable Accounts	2,000	100	5.0%	1,000	-50.0%
Utilities	105,200	95,816	91.1%	106,050	0.8%
Supplies, Repairs & Maintenance	0	0	0.0%	0	0.0%
Total Expenditures	3,075,160	2,843,929	92.5%	3,177,330	3.3%

Table 12: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Engineering Department

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Salaries & Wages	592,000	568,980	96.1%	593,000	0.2%
Employee Benefits	282,000	261,789	92.8%	275,478	-2.3%
Director Fees	0	0	0.0%	0	0.0%
Vehicles	2,500	308	12.3%	2,600	4.0%
CSRMA Insurance	0	0	0.0%	0	0.0%
Professional Memberships	2,500	1,380	55.2%	2,800	12.0%
Agency Permits & Licenses	0	0	0.0%	0	0.0%
Office Expenses	16,000	8,806	55.0%	14,600	-8.8%
Contractual Services	264,500	271,345	102.6%	175,400	-33.7%
Professional Services	650,000	488,519	75.2%	200,000	-69.2%
Conferences & Training	29,500	5,199	17.6%	30,700	4.1%
Uncollectable Accounts	0	0	0.0%	0	0.0%
Utilities	1,000	1,005	100.5%	1,500	50.0%
Supplies, Repairs & Maintenance	62,000	52,650	84.9%	105,300	69.8%
Total Expenditures	1,902,000	1,659,980	87.3%	1,401,378	-26.3%

Table 13: 2020-2021 General Fund Expenditures (Fund 00 & 01) - IT Department

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Salaries & Wages	360,000	255,162	70.9%	353,540	-1.8%
Employee Benefits	127,500	96,125	75.4%	103,475	-18.8%
Director Fees	0	0	0.0%	0	0.0%
Vehicles	2,000	9,200	460.0%	800	-60.0%
CSRMA Insurance	0	0	0.0%	0	0.0%
Professional Memberships	500	256	51.2%	500	0.0%
Agency Permits & Licenses	0	0	0.0%	0	0.0%
Office Expenses	71,500	40,649	56.9%	80,500	12.6%
Contractual Services	500	596	119.3%	500	0.0%
Professional Services	0	0	0.0%	0	0.0%
Conferences & Training	7,000	3,333	47.6%	15,000	114.3%
Uncollectable Accounts	0	0	0.0%	0	0.0%
Utilities	1,000	517	51.7%	1,000	0.0%
Supplies, Repairs & Maintenance	45,000	51,516	114.5%	69,000	53.3%
Total Expenditures	615,000	457,354	74.4%	624,315	1.5%

Table 14: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Operations Department

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Salaries & Wages	2,250,000	2,112,671	93.9%	2,160,000	-4.0%
Employee Benefits	1,491,500	1,339,506	89.8%	1,480,700	-0.7%
Director Fees	0	0	0.0%	0	0.0%
Vehicles	12,500	2,555	20.4%	3,800	-69.6%
CSRMA Insurance	0	0	0.0%	0	0.0%
Professional Memberships	5,500	3,425	62.3%	4,250	-22.7%
Agency Permits & Licenses	176,000	173,674	98.7%	170,750	-3.0%
Office Expenses	12,000	3,075	25.6%	23,700	97.5%
Contractual Services	1,295,500	1,301,715	100.5%	1,405,700	8.5%
Professional Services	0	0	0.0%	0	0.0%
Conferences & Training	9,000	6,372	70.8%	11,000	22.2%
Uncollectable Accounts	0	0	0.0%	0	0.0%
Utilities	950,000	793,654	83.5%	981,500	3.3%
Supplies, Repairs & Maintenance	158,500	117,847	74.4%	124,900	-21.2%
Total Expenditures	6,360,500	5,854,494	92.0%	6,366,300	0.1%

Table 15: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Maintenance Department

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Salaries & Wages	1,587,934	1,381,244	87.0%	1,409,800	-11.2%
Employee Benefits	1,007,927	861,575	85.5%	936,978	-7.0%
Director Fees	0	0	0.0%	0	0.0%
Vehicles	53,900	39,611	73.5%	34,300	-36.4%
CSRMA Insurance	0	0	0.0%	0	0.0%
Professional Memberships	6,700	5,601	83.6%	5,780	-13.7%
Agency Permits & Licenses	0	0	0.0%	0	0.0%
Office Expenses	52,100	62,023	119.0%	50,500	-3.1%
Contractual Services	150,650	117,210	77.8%	148,078	-1.7%
Professional Services	0	0	0.0%	0	0.0%
Conferences & Training	17,000	3,412	20.1%	17,000	0.0%
Uncollectable Accounts	0	0	0.0%	0	0.0%
Utilities	1,000	840	84.0%	1,000	0.0%
Supplies, Repairs & Maintenance	446,000	474,460	106.4%	461,734	3.5%
Total Expenditures	3,323,211	2,945,975	88.6%	3,065,170	-7.8%

Table 16: 2020-2021 General Fund Expenditures (Fund 00 & 01) - Summary

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Salaries & Wages	5,829,934	5,358,067	91.9%	5,659,454	-2.9%
Employee Benefits	3,662,377	3,186,606	87.0%	3,470,931	-5.2%
Director Fees	7,000	7,333	104.8%	10,000	42.9%
Vehicles	72,850	57,392	78.8%	44,000	-39.6%
CSRMA Insurance	175,000	145,000	82.9%	210,000	20.0%
Professional Memberships	42,910	12,257	28.6%	15,761	-63.3%
Agency Permits & Licenses	176,000	207,481	117.9%	198,800	13.0%
Office Expenses	284,450	189,996	66.8%	350,685	23.3%
Contractual Services	1,865,650	1,857,941	99.6%	1,879,678	0.8%
Professional Services	1,294,000	1,106,504	85.5%	835,000	-35.5%
Conferences & Training	94,000	44,750	47.6%	107,200	14.0%
Uncollectable Accounts	2,000	100	5.0%	1,000	-50.0%
Utilities	1,058,200	891,831	84.3%	1,091,050	3.1%
Supplies, Repairs & Maintenance	711,500	696,473	97.9%	760,934	6.9%
Total Expenditures	15,275,871	13,761,732	90.1%	14,634,493	-4.2%

Table 17: Wastewater Capital Reserve Fund (Fund 02) 5-Year Plan

Item No.	Description	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25
1	Barscreens, Washers, Compactors	225,000	2,400,000			
2	Operation and Maintenance Carts		25,000		25,000	
3	Equipment/Vehicle Warehouse	250,000	2,000,000			
4	Maintenance/IT Shop Improvements				750,000	
5	Digester & Plant Heating Improvements		500,000	1,500,000	1,500,000	
6	BNR Improvements			250,000	1,500,000	
7	Portable Emergency Pump Systems					
8	Plant Air Compressor					
9	Flow Equalization Basin				500,000	3,500,000
10	Security Improvements	100,000				
11	Utility/Snow Vehicle					
12	Hydraulic Pump and Power Pack	60,000				
13	Control Room Upgrades #02 & #13			50,000		
Subtotal		635,000	4,925,000	1,800,000	4,275,000	3,500,000
Debt Payment on 2020 Wastewater Revenue Refunding Bond (73.2%)		1,894,260	1,894,260	1,894,260	1,894,260	1,894,260
Total		2,529,260	6,819,260	3,694,260	6,169,260	5,394,260

Table 18: Upgrade, Rehabilitation and Replacement Fund (Fund 06) 5-Year Plan

Item No.	Description	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25
1	Plant Coating Improvements	550,000	460,000			500,000
2	Lab Equipment Replacements	25,000	75,000	25,000	50,000	
3	Admin. Office Improvement	350,000				
4	Accounting Software Upgrade					
5	EPDM Roof Replacement	50,000	50,000	500,000	50,000	50,000
6	Translucent Panel Rehabilitation				60,000	
7	VFD Replacements		30,000		30,000	
8	TRI Improvements	100,000	350,000	100,000	4,000,000	
9	Centrifuge Rebuild		50,000			
10	Robicon Drive Upgrade					
11	Lab Improvement	75,000				
12	Vehicle Replacement	30,000		30,000		
13	WWTP Pilot Study Rehabilitation	75,000				
14	Communications Network Replacement			200,000		
15	Facilities Security System	50,000				
16	Lime System Improvements		150,000			
17	Wasting Pumps Upgrade		350,000			
18	Plant Concrete Repair				400,000	
19	Facility Asphalt Sealing		100,000			
20	Telephone Upgrade		30,000			
21	2 Water System Improvement			500,000		
22	2 Water Vault Improvement		100,000			
23	cancelled project					
24	Corten/Fascia Installation Project					
25	Chlorine Scrubber Replacement		1,000,000			
26	Odorous Air Expansion					50,000
27	BNR Blower Replacement		25,000		25,000	
28	Filter 3 Rebuild				175,000	
29	Filter 4 Rebuild					175,000
30	MPPS VFD	30,000				
31	Control Room Upgrades #02 & #13		75,000	500,000		
32	Warehouse Fork Lift	35,000				175,000
33	Chiller Replacement	80,000				
34	SCBA Tank Replacement	35,000				
35	Polyblend Thickener	35,000				
36	Acrflash Study/Breaker Replacment	45,000				
Subtotal		1,565,000	2,845,000	1,855,000	4,790,000	950,000
Debt Payment on 2020 Wastewater Revenue Refunding Bond (26.8%)		693,527	693,527	693,527	693,527	693,527
Total		2,258,527	3,538,527	2,548,527	5,483,527	1,643,527

Table 19: 2020-2021 General Fund (Fund 00 & 01) Summary

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Revenue					
Sewer Service Charges	12,754,000	12,809,132	100.4%	12,754,000	0.0%
Fund Interest	38,000	20,056	52.8%	20,000	-47.4%
Other Revenue	13,000	12,924	99.4%	13,000	0.0%
Ad Valorem	3,900,000	3,235,279	83.0%	3,884,501	-0.4%
Temporary Discharge Permits	1,500	1,572	104.8%	1,500	0.0%
Total Revenue	16,706,500	16,078,963	96.2%	16,673,001	-0.2%
Expenditures					
Salaries & Wages	5,829,934	5,358,067	91.9%	5,659,454	-2.9%
Employee Benefits	3,662,377	3,186,606	87.0%	3,470,931	-5.2%
Director Fees	7,000	7,333	104.8%	10,000	42.9%
Vehicles	72,850	57,392	78.8%	44,000	-39.6%
CSRMA Insurance	175,000	145,000	82.9%	210,000	20.0%
Professional Memberships	42,910	12,257	28.6%	15,761	-63.3%
Agency Permits & Licenses	176,000	207,481	117.9%	198,800	13.0%
Office Expenses	284,450	189,996	66.8%	350,685	23.3%
Contractual Services	1,865,650	1,857,941	99.6%	1,879,678	0.8%
Professional Services	1,294,000	1,106,504	85.5%	835,000	-35.5%
Conferences & Training	94,000	44,750	47.6%	107,200	14.0%
Uncollectable Accounts	2,000	100	5.0%	1,000	-50.0%
Utilities	1,058,200	891,831	84.3%	1,091,050	3.1%
Supplies, Repairs & Maintenance	711,500	696,473	97.9%	760,934	6.9%
Total Expenditures	15,275,871	13,761,732	90.1%	14,634,493	-4.2%
Net Position	1,430,629	2,317,231	6.2%	2,038,508	4.0%

Table 20: 2020-2021 Wastewater Capital Reserve Fund (Fund 02) Summary

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Revenue					
Sewer Connection Fee	1,500,000	1,461,130	97.4%	1,800,000	20.0%
Fund Interest	450,000	1,639,386	364.3%	1,700,000	277.8%
Other Revenue	50,000	50,049	100.1%	50,000	0.0%
Total Revenue	2,000,000	3,150,565	157.5%	3,550,000	77.5%
Expenditures					
Barscreens, Washers, Compactors	 	 	 	225,000	
Equipment/Vehicle Warehouse	 	 	 	250,000	
Security Improvements	 	 	 	100,000	
Hydraulic Pump and Power Pack	 	 	 	60,000	
Subtotal Expenditures	 	 	 	635,000	
Debt Payment on 2020 Wastewater Revenue Refunding Bond (73.2%)	 	 	 	1,894,260	
Total Expenditures	 	 	 	2,529,260	
Net Position	 	 	 	1,020,740	

Table 21: 2020-2021 Upgrade, Rehabilitation & Replacement Fund (Fund 06) Summary

Description	2019/2020 Budget	2019/2020 Projected Actual	2019/2020 Budget vs. Projected Actual	2020/2021 Budget	% Δ 2019/2020 - 2020/2021
Revenue					
Fund Interest				375,000	
Total Revenue				375,000	
Expenditures					
Plant Coating Improvements				550,000	
Lab Equipment Replacements				25,000	
Admin. Office Improvement				350,000	
EPDM Roof Replacement				50,000	
TRI Improvements				100,000	
Lab Improvement				75,000	
Vehicle Replacement				30,000	
WWTP Pilot Study Rehabilitation				75,000	
Facilities Security System				50,000	
MPPS VFD				30,000	
Warehouse Fork Lift				35,000	
Chiller Replacement				80,000	
SCBA Tank Replacement				35,000	
Polyblend Thickener				35,000	
Acrflash Study/Breaker Replacment				45,000	
Subtotal Expenditures				1,565,000	
Debt Payment on 2020 Wastewater Revenue Refunding Bond (26.8%)				693,527	
Total Expenditures				2,258,527	
Net Position				(1,883,527)	

Table 22: CalPERS UAL 5-Year Amortization Schedule

Fiscal Year End	Annual Scheduled Payment	Additional Annual Payment	Total Annual Payment
2020 *	1,060,669	2,474,418	3,535,087
2021	1,157,957	2,459,020	3,616,977
2022	1,281,247	2,435,197	3,716,444
2023	1,375,333	2,443,313	3,818,647
2024	1,410,581	2,513,078	3,923,659

* Payment completed

Table 23: End of Year Fund Balance

Description	General Fund (Fund 00 & 01)	Wastewater Capital Reserve Fund Revenue (Fund 02)	State Revolving Fund Revenue (Fund 04)	Upgrade, Rehabilitation & Replacement Fund Revenue (Fund 06)	Emergency Reserve Fund Revenue (Fund 07)
Beginning Balance	300,000	19,164,867	3,081,449	18,432,252	4,108,011
Revenue	16,673,001	3,550,000	3,081,449	375,000	85,000
Expenditures	14,634,493	2,529,260	3,081,449	2,258,527	0
CalPERS UAL	0	0	3,081,449	3,616,977	0
Ending Balance	2,338,508	20,185,607	3,081,449	12,931,748	4,193,011

Appendix A: Accounting Cost Codes

GL Format	Company Description	Dept	Dept Description	Account	Account Description
00	ADMIN	01	ADMINISTRATION		Salaries & Wages
01	O & M	02	ENGINEERING	0500	SALARIES AND WAGES
02	WWCRF	03	SAFETY		Employee Benefits
04	SRF	04	OPERATIONS	1000	CALPERS PEPRA RETIREMENT
06	UPGRADE	05	LABORATORY	1001	CALPERS CLASSIC RETIREMENT
07	EMERGENCY	06	MAINTENANCE	1002	WORKER'S COMP
20	GENERAL FUND	07	I&E	1003	MEDICARE
		08	IT	1004	SDI
		09	REPLACE/REHAB/UPGRADE	1005	LIFE INSURANCE
		10	WWCRF	1006	HEALTH INSURANCE
		11	WAREHOUSE	1007	DIRECTOR HEALTH INSURANCE
				1008	RETIREE HEALTH INSURANCE
				1009	DENTAL INSURANCE
				1010	NAVIA HRA
				1011	OPEB
				1012	VISION REIMBURSEMENT
				1013	CALPERS 457
				1014	NATIONWIDE 457
				1015	DIRECTOR DENTAL INSURANCE
				1016	DIRECTOR VISION REIMBURSEMENT
				1017	COBRA
				1018	DENTAL REIMBURSEMENT
				1019	JURY DUTY
				1020	EMPLOYEE SCREENING
				1021	EMPLOYEE MISC.
				1022	ANNUAL UAL PAYMENT
				1023	ADDT'L UAL PAYMENT
					Director Fees
				1050	DIRECTOR FEES
					Vehicles
				2000	GASOLINE/DIESEL
				2001	VHCL-01
				2002	VHCL-02
				2003	VHCL-03
				2004	VHCL-04
				2005	VHCL-05
				2006	VHCL-06
				2007	VHCL-07
				2008	VHCL-08
				2009	VHCL-09
				2010	VHCL-10
				2011	VHCL-11
				2012	VHCL-12
				2013	VHCL-13
				2014	VHCL-14
				2015	VHCL-15
				2016	VHCL-16
				2017	VHCL-17
				2018	VHCL-18
				2019	VHCL-19
				2020	VHCL-20
				2021	VHCL-21
				2022	VHCL-22
				2023	VHCL-23
				2024	VHCL-24
				2025	VHCL-25
				2026	VHCL-26
				2101	VHCT-01
				2102	VHCT-02
				2103	VHCT-03

Appendix A: Accounting Cost Codes

GL Format	Company Description	Dept	Dept Description	Account	Account Description
				2104	VHCT-04
				2105	VHCT-05
				2106	VHCT-06
				2107	VHCT-07
				2108	VHCT-08
				2109	VHCT-09
				2110	VHCT-10
				2111	VHCT-11
				2112	VHCT-12
				2113	VHCT-13
				2114	VHCT-14
				2122	VHCT-22
				2123	VHCT-23
				2124	VHCT-24
				2133	VHSNOW-03
				2134	VHSNOW-04
				2141	VHEQ-01
				2142	VHEQ-02
				2143	VHEQ-03
				2144	VHEQ-04
				2145	VHEQ-05
				2146	VHEQ-06
				2147	VHEQ-07
				2148	VHEQ-08
				2149	VHEQ-09
				2150	VHEQ-10
				2151	VHEQ-11
				2152	VHEQ-12
				2153	VHEQ-13
				2154	VHEQ-14
				2155	VHEQ-15
				2163	VHEQ-23
				2164	VHEQ-24
				2165	VHEQ-25
				2166	VHEQ-26 POLARIS
				2199	VEHICLE MISCELLANEOUS
					CSRMA Insurance
				2200	INSURANCE
					Professional Memberships
				2221	STAFF CERTIFICATIONS
				2222	STAFF MEMBERSHIPS
					Agency Permits and Licenses
				2223	AGENCY MEMBERSHIPS
				2250	PERMITS & LICENSES
					Office Expenses
				2400	BANK FEES
				2401	SUPPLIES
				2402	FURNITURE
				2403	IT HARDWARE
				2404	IT SOFTWARE
				2405	ADVERTISING
				2406	BREAKROOM SUPPLIES
				2407	POSTAGE/SHIPPING
				2408	COPIER/FAX EXPENSES
				2409	BOOKS/SUBSCRIPTIONS
				2410	MANAGER LUNCHEON
				2411	BOARD MEETING SUPPLIES
				2412	BREAKROOM SUPPLIES
				2413	STAFF LUNCHEONS/APPRECIATION
					Contractual Services

Appendix A: Accounting Cost Codes

GL Format	Company Description	Dept	Dept Description	Account	Account Description
				2500	INVOICE PROCESSING
				2501	COUNTY SERVICES
				2502	JANITORIAL
				2503	GENERAL OFFICE
				2504	FACILITIES MAINTENANCE
				2505	MECHANICAL MAINTENANCE
				2506	UNIFORMS
				2507	LEASES
				2508	SLUDGE DISPOSAL
				2509	MATERIAL WASTE DISPOSAL
				2510	CHEMICALS-HYDRATED LIME
				2511	CHEMICALS-SODIUM CHLORIDE
				2512	CHEMICALS-LIQUID CHLORINE
				2513	CHEMICALS-SODIUM HYDROXIDE
				2514	CHEMICALS-SODA ASH
				2515	CHEMICALS-HYDROCHLORIC ACID
				2516	CHEMICALS-SULFURIC ACID
				2517	CHEMICALS-LIQUID CO2
				2518	CHEMICALS-LIQUID O2
				2519	CHEMICALS-FERRIC CHLORIDE
				2520	CHEMICALS-METHANOL
				2521	CHEMICALS-POLYMER
				2522	CHEMICALS-BOILER CHEMICAL
				2523	CHEMICALS-AMMONIA ANALYZERS
				2524	CHEMICALS-MISCELLANEOUS
				2525	TESTING
				2530	ELECTRICAL MAINTENANCE
				2550	OUTSOURCE TESTING LOCATION 1
				2551	OUTSOURCE TESTING LOCATION 2
				2552	OUTSOURCE TESTING LOCATION 3
				2553	OUTSOURCE TESTING LOCATION 4
				2554	OUTSOURCE TESTING LOCATION MISC.
				2555	OUTSOURCE TESTING LOCATION 5
				2556	OUTSOURCE TESTING LOCATION 6
				2557	CONTRACTURAL SVCS - CAPITALIZE
					Professional Services
				2600	ENGINEERING
				2601	LEGAL
				2602	ACCOUNTING & BILLING SUPPORT (AS400)
				2603	FINANCIAL AUDITOR
				2604	FINANCIAL/RATE STUDIES
				2605	HUMAN RESOURCES STUDIES
				2606	MISC. STUDIES
				2650	LEGAL - BSK
				2651	LEGAL - WPR
				2652	LEGAL - MISC.
					Conferences & Training
				2700	CONFERENCE
				2701	TRAINING
				2702	CONFERENCE (HR)
				2703	TRAINING (HR)
				2750	WELLNESS PROGRAM (HR)
					Uncollectable Accounts
				2800	UNCOLLECTABLE ACCTS FROM SC
					Utilities
				2900	HEATING FUEL
				2901	ELECTRICITY
				2902	WATER
				2903	NATURAL GAS
				2904	TELEPHONE

Appendix A: Accounting Cost Codes

GL Format	Company Description	Dept	Dept Description	Account	Account Description
					Supplies, Repairs & Maintenance
				3000	HEADWORKS-STRUCTURE
				3010	HEADWORKS-ELECTRICAL
				3020	HEADWORKS-INSTRUMENTATION
				3030	HEADWORKS-MECHANICAL
				3049	HEADWORKS-MISCELLANEOUS
				3050	PRIMARY CLARIFICATION-STRUCTURE
				3060	PRIMARY CLARIFICATION-ELECTRICAL
				3070	PRIMARY CLARIFICATION-INSTRUMENTATION
				3080	PRIMARY CLARIFICATION-MECHANICAL
				3099	PRIMARY CLARIFICATION-MISCELLANEOUS
				3100	PRIMARY PUMPING-STRUCTURE
				3110	PRIMARY PUMPING-ELECTRICAL
				3120	PRIMARY PUMPING-INSTRUMENTATION
				3130	PRIMARY PUMPING-MECHANICAL
				3149	PRIMARY PUMPING-MISCELLANEOUS
				3150	OXYGENATION-STRUCTURE
				3160	OXYGENATION-ELECTRICAL
				3170	OXYGENATION-INSTRUMENTATION
				3180	OXYGENATION-MECHANICAL
				3199	OXYGENATION-MISCELLANEOUS
				3200	WAS PUMPING-STRUCTURE
				3210	WAS PUMPING-ELECTRICAL
				3220	WAS PUMPING-INSTRUMENTATION
				3230	WAS PUMPING-MECHANICAL
				3249	WAS PUMPING-MISCELLANEOUS
				3250	SECONDARY CLARIFICATION-STRUCTURE
				3260	SECONDARY CLARIFICATION-ELECTRICAL
				3270	SECONDARY CLARIFICATION-INSTRUMENTATION
				3280	SECONDARY CLARIFICATION-MECHANICAL
				3299	SECONDARY CLARIFICATION-MISCELLANEOUS
				3300	RAS PUMPING-STRUCTURE
				3310	RAS PUMPING-ELECTRICAL
				3320	RAS PUMPING-INSTRUMENTATION
				3330	RAS PUMPING-MECHANICAL
				3349	RAS PUMPING-MISCELLANEOUS
				3350	PHOSPHORUS REMOVAL-STRUCTURE
				3360	PHOSPHORUS REMOVAL-ELECTRICAL
				3370	PHOSPHORUS REMOVAL-INSTRUMENTATION
				3380	PHOSPHORUS REMOVAL-MECHANICAL
				3399	PHOSPHORUS REMOVAL-MISCELLANEOUS
				3400	RAPID MIXING-STRUCTURE
				3410	RAPID MIXING-ELECTRICAL
				3420	RAPID MIXING-INSTRUMENTATION
				3430	RAPID MIXING-MECHANICAL
				3449	RAPID MIXING-MISCELLANEOUS
				3450	FLOCCULATION-STRUCTURE
				3460	FLOCCULATION-ELECTRICAL
				3470	FLOCCULATION-INSTRUMENTATION
				3480	FLOCCULATION-MECHANICAL
				3499	FLOCCULATION-MISCELLANEOUS
				3500	CHEMICAL CLARIFICATION-STRUCTURE
				3510	CHEMICAL CLARIFICATION-ELECTRICAL
				3520	CHEMICAL CLARIFICATION-INSTRUMENTATION
				3530	CHEMICAL CLARIFICATION-MECHANICAL
				3549	CHEMICAL CLARIFICATION-MISCELLANEOUS
				3550	RECARBONATION-STRUCTURE
				3560	RECARBONATION-ELECTRICAL
				3570	RECARBONATION-INSTRUMENTATION
				3580	RECARBONATION-MECHANICAL

Appendix A: Accounting Cost Codes

GL Format	Company Description	Dept	Dept Description	Account	Account Description
				3599	RECARBONATION-MISCELLANEOUS
				3600	CHEMICAL SLUDGE PUMPING-STRUCTURE
				3610	CHEMICAL SLUDGE PUMPING-ELECTRICAL
				3620	CHEMICAL SLUDGE PUMPING-INSTRUMENTATION
				3630	CHEMICAL SLUDGE PUMPING-MECHANICAL
				3649	CHEMICAL SLUDGE PUMPING-MISCELLANEOUS
				3650	FLOW EQUALIZATION-STRUCTURE
				3660	FLOW EQUALIZATION-ELECTRICAL
				3670	FLOW EQUALIZATION-INSTRUMENTATION
				3680	FLOW EQUALIZATION-MECHANICAL
				3699	FLOW EQUALIZATION-MISCELLANEOUS
				3700	BNR INFLUENT PUMPING-STRUCTURE
				3710	BNR INFLUENT PUMPING-ELECTRICAL
				3720	BNR INFLUENT PUMPING-INSTRUMENTATION
				3730	BNR INFLUENT PUMPING-MECHANICAL
				3749	BNR INFLUENT PUMPING-MISCELLANEOUS
				3750	BNR-STRUCTURE
				3760	BNR-ELECTRICAL
				3761	BNR-POWER DISTRIBUTION
				3770	BNR-INSTRUMENTATION
				3780	BNR-MECHANICAL
				3799	BNR-MISCELLANEOUS
				3800	MULTI-PURPOSE PUMPING-STRUCTURE
				3810	MULTI-PURPOSE PUMPING-ELECTRICAL
				3820	MULTI-PURPOSE PUMPING-INSTRUMENTATION
				3830	MULTI-PURPOSE PUMPING-MECHANICAL
				3849	MULTI-PURPOSE PUMPING-MISCELLANEOUS
				3850	FILTRATION-STRUCTURE
				3860	FILTRATION-ELECTRICAL
				3870	FILTRATION-INSTRUMENTATION
				3880	FILTRATION-MECHANICAL
				3899	FILTRATION-MISCELLANEOUS
				3900	ION EXCHANGE-STRUCTURE
				3910	ION EXCHANGE-ELECTRICAL
				3920	ION EXCHANGE-INSTRUMENTATION
				3930	ION EXCHANGE-MECHANICAL
				3949	ION EXCHANGE-MISCELLANEOUS
				3950	AMMONIA REMOVAL AND RECOVERY-STRUCTURE
				3960	AMMONIA REMOVAL AND RECOVERY-ELECTRICAL
				3970	AMMONIA REMOVAL AND RECOVERY-INSTRUMENTATION
				3980	AMMONIA REMOVAL AND RECOVERY-MECHANICAL
				3999	AMMONIA REMOVAL AND RECOVERY-MISCELLANEOUS
				4000	AMMONIA STRIPPING AND ABSORBING-STRUCTURE
				4010	AMMONIA STRIPPING AND ABSORBING-ELECTRICAL
				4020	AMMONIA STRIPPING AND ABSORBING-INSTRUMENTATION
				4030	AMMONIA STRIPPING AND ABSORBING-MECHANICAL
				4049	AMMONIA STRIPPING AND ABSORBING-MISCELLANEOUS
				4050	DEWATERING AMMONIA STRIPPING -STRUCTURE
				4060	DEWATERING AMMONIA STRIPPING -ELECTRICAL
				4070	DEWATERING AMMONIA STRIPPING -INSTRUMENTATION
				4080	DEWATERING AMMONIA STRIPPING -MECHANICAL
				4099	DEWATERING AMMONIA STRIPPING -MISCELLANEOUS
				4100	DIGESTION-STRUCTURE
				4110	DIGESTION-ELECTRICAL
				4120	DIGESTION-INSTRUMENTATION
				4130	DIGESTION-MECHANICAL
				4149	DIGESTION-MISCELLANEOUS
				4150	SOLIDS HANDLING-STRUCTURE
				4160	SOLIDS HANDLING-ELECTRICAL
				4170	SOLIDS HANDLING-INSTRUMENTATION

Appendix A: Accounting Cost Codes

GL Format	Company Description	Dept	Dept Description	Account	Account Description
				4180	SOLIDS HANDLING-MECHANICAL
				4199	SOLIDS HANDLING-MISCELLANEOUS
				4200	LIME SYSTEM-STRUCTURE
				4210	LIME SYSTEM-ELECTRICAL
				4220	LIME SYSTEM-INSTRUMENTATION
				4230	LIME SYSTEM-MECHANICAL
				4249	LIME SYSTEM-MISCELLANEOUS
				4250	THICKENING CENTRIFUGES-STRUCTURE
				4260	THICKENING CENTRIFUGES-ELECTRICAL
				4270	THICKENING CENTRIFUGES-INSTRUMENTATION
				4280	THICKENING CENTRIFUGES-MECHANICAL
				4299	THICKENING CENTRIFUGES-MISCELLANEOUS
				4300	DEWATERING-STRUCTURE
				4310	DEWATERING-ELECTRICAL
				4320	DEWATERING-INSTRUMENTATION
				4330	DEWATERING-MECHANICAL
				4349	DEWATERING-MISCELLANEOUS
				4350	ODOROUS AIR-STRUCTURE
				4360	ODOROUS AIR-ELECTRICAL
				4370	ODOROUS AIR-INSTRUMENTATION
				4380	ODOROUS AIR-MECHANICAL
				4399	ODOROUS AIR-MISCELLANEOUS
				4400	EMERGENCY POWER-STRUCTURE
				4410	EMERGENCY POWER-ELECTRICAL
				4420	EMERGENCY POWER-INSTRUMENTATION
				4430	EMERGENCY POWER-MECHANICAL
				4449	EMERGENCY POWER-MISCELLANEOUS
				4450	PLANT AIR-STRUCTURE
				4460	PLANT AIR-ELECTRICAL
				4470	PLANT AIR-INSTRUMENTATION
				4480	PLANT AIR-MECHANICAL
				4499	PLANT AIR-MISCELLANEOUS
				4500	NON-POTABLE WATER (#2)-STRUCTURE
				4510	NON-POTABLE WATER (#2)-ELECTRICAL
				4520	NON-POTABLE WATER (#2)-INSTRUMENTATION
				4530	NON-POTABLE WATER (#2)-MECHANICAL
				4549	NON-POTABLE WATER (#2)-MISCELLANEOUS
				4550	PSA-STRUCTURE
				4560	PSA-ELECTRICAL
				4570	PSA-INSTRUMENTATION
				4580	PSA-MECHANICAL
				4599	PSA-MISCELLANEOUS
				4600	DISPOSAL FIELDS-STRUCTURE
				4610	DISPOSAL FIELDS-ELECTRICAL
				4620	DISPOSAL FIELDS-INSTRUMENTATION
				4630	DISPOSAL FIELDS-MECHANICAL
				4649	DISPOSAL FIELDS-MISCELLANEOUS
				4650	CARBON COLUMNS-STRUCTURE
				4660	CARBON COLUMNS-ELECTRICAL
				4670	CARBON COLUMNS-INSTRUMENTATION
				4680	CARBON COLUMNS-MECHANICAL
				4699	CARBON COLUMNS-MISCELLANEOUS
				4700	ADMIN BLDG.-STRUCTURE
				4710	ADMIN BLDG.-ELECTRICAL
				4720	ADMIN BLDG.-INSTRUMENTATION
				4730	ADMIN BLDG.-MECHANICAL
				4749	ADMIN BLDG.-MISCELLANEOUS
				4750	GENERAL BUILDINGS AND GROUNDS-STRUCTURE
				4760	GENERAL BUILDINGS AND GROUNDS-ELECTRICAL
				4770	GENERAL BUILDINGS AND GROUNDS-INSTRUMENTATION

Appendix A: Accounting Cost Codes

GL Format	Company Description	Dept	Dept Description	Account	Account Description
				4780	GENERAL BUILDINGS AND GROUNDS-MECHANICAL
				4799	GENERAL BUILDINGS AND GROUNDS-MISCELLANEOUS
				4800	ALL FACILITY PURPOSE-TOOLS
				4801	ALL FACILITY PURPOSE-RADIOS
				4802	ALL FACILITY PURPOSE-OIL/LUBRICANTS
				4803	ALL FACILITY PURPOSE-BICYCLES
				4804	ALL FACILITY PURPOSE-FACILITY CARTS
				4805	ALL FACILITY PURPOSE-IT SCADA
				4806	ALL FACILITY PURPOSE-IT AUTOMATION
				4807	ALL FACILITY PURPOSE-IT EQUIPMENT
				4808	ALL FACILITY PURPOSE-IT COMPUTERS
				4809	ALL FACILITY PURPOSE-SMALL EQUIPMENT
				4810	ALL FACILITY PURPOSE-HOSES
				4811	ALL FACILITY PURPOSE-SECURITY
				4812	ALL FACILITY PURPOSE-JANITORIAL SUPPLIES
				4813	ALL FACILITY PURPOSE-PAINT SUPPLIES
				4849	ALL FACILITY PURPOSE-MISCELLANEOUS
				4850	CHEMICAL FACILITIES-STRUCTURE
				4860	CHEMICAL FACILITIES-ELECTRICAL
				4870	CHEMICAL FACILITIES-INSTRUMENTATION
				4880	CHEMICAL FACILITIES-MECHANICAL
				4899	CHEMICAL FACILITIES-MISCELLANEOUS
				4900	EMERGENCY RETENTION BASIN-STRUCTURE
				4910	EMERGENCY RETENTION BASIN-ELECTRICAL
				4920	EMERGENCY RETENTION BASIN-INSTRUMENTATION
				4930	EMERGENCY RETENTION BASIN-MECHANICAL
				4949	EMERGENCY RETENTION BASIN-MISCELLANEOUS
				5000	EMERGENCY STORAGE PONDS-STRUCTURE
				5010	EMERGENCY STORAGE PONDS-ELECTRICAL
				5020	EMERGENCY STORAGE PONDS-INSTRUMENTATION
				5030	EMERGENCY STORAGE PONDS-MECHANICAL
				5049	EMERGENCY STORAGE PONDS-MISCELLANEOUS
				5300	MAIN LAB-EQUIPMENT
				5310	MAIN LAB-SUPPLIES
				5320	MAIN LAB-CHEMICALS
				5349	MAIN LAB-MISCELLANEOUS
				5350	SATELLITE LABS-EQUIPMENT
				5360	SATELLITE LABS-SUPPLIES
				5370	SATELLITE LABS-CHEMICALS
				5399	SATELLITE LABS-MISCELLANEOUS
				5400	TKN/AMMONIA-EQUIPMENT
				5410	TKN/AMMONIA-SUPPLIES
				5420	TKN/AMMONIA-CHEMICALS
				5449	TKN/AMMONIA-MISCELLANEOUS
				5450	TOC-EQUIPMENT
				5460	TOC-SUPPLIES
				5470	TOC-CHEMICALS
				5499	TOC-MISCELLANEOUS
				5500	ANIONS-EQUIPMENT
				5510	ANIONS-SUPPLIES
				5520	ANIONS-CHEMICALS
				5549	ANIONS-MISCELLANEOUS
				5550	DI SYSTEM-EQUIPMENT
				5560	DI SYSTEM-SUPPLIES
				5599	DI SYSTEM-MISCELLANEOUS
				5600	DRINKING WATER TESTING-SUPPLIES
				5610	PT STUDY (PROFICIENCY TESTING)
				5650	FIELD SAMPLING-EQUIPMENT
				5800	PPE
				5810	CONSUMABLE SUPPLIES

Appendix A: Accounting Cost Codes

GL Format	Company Description	Dept	Dept Description	Account	Account Description
				5820	NON-CONSUMABLE EQUIPMENT
				7005	TRI-MANHOLES
				7010	TRI-STRUCTURE
				7020	TRI-ELECTRICAL
				7030	TRI-INSTRUMENTATION
				7040	TRI-MECHANICAL
				7049	TRI-MISCELLANEOUS
				7050	BLDG 27 - POWER DISTRIBUTION



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: Michael Peak, Operations Manager
Item: V-9
Subject: Report concerning recent U.S. Supreme Court decision in *County of Maui v. Hawaii Wildlife Fund* relating to scope of Clean Water Act

Background

The U.S. Supreme Court has issued a decision in *County of Maui v. Hawaii Wildlife Fund* relating to scope of Clean Water Act. Attached is a summary of the decision as drafted by the League of California Cities.

Mr. Dick Shanahan will provide a summary of the decision and address questions at the meeting.

Fiscal Impact

None.


Attachments


U.S. Supreme Court decision summary as drafted by the League of California Cities.

Recommendation

None.

Review Tracking

Submitted By: 
Michael Peak
Operations Manager

Approved By: 
LaRue Griffin
General Manager

U.S. Supreme Court Holds a Permit May Be Required When Pollutants Flow Through Groundwater to Navigable Waters Subject to the Clean Water Act

April 29, 2020

The U.S. Supreme Court issued its decision in County of Maui, Hawaii v. Hawaii Wildlife Fund, et al. on April 23, concerning whether the Clean Water Act (CWA) requires a National Pollutant Discharge Elimination System (NPDES) permit from the Environmental Protection Agency when pollutants travel from a point source through a nonpoint source, such as groundwater, to navigable waters.

The CWA forbids any discharge of a pollutant from a point source to navigable waters without a NPDES permit. In a 6-3 opinion, the Supreme Court held that a NPDES permit is required when a discharge of pollutants through groundwater to a navigable water is the “functional equivalent of a direct discharge from the point source into navigable waters.”

The case concerned the County of Maui’s wastewater treatment facility, which releases treated wastewater into four underground injection control wells. Wastewater from the wells then travels about half a mile through unconfined groundwater and eventually reaches the ocean, a navigable water subject to the CWA. Environmental groups filed suit against the county, alleging that the county needed an NPDES permit because the county was discharging a pollutant from a point source through groundwater to a navigable water.

All three of the courts to consider this case – the lower District Court, the intermediate Ninth Circuit appellate court, and the U.S. Supreme Court – applied a different legal test to this novel issue. The district court ruled in favor of the environmental groups, concluding that a NPDES permit is required because the discharge is functionally one into navigable water. The Ninth Circuit agreed that the environmental groups should prevail, but reasoned that a NPDES permit is required because the pollutants are fairly traceable from the point source to the navigable water. The Supreme Court formulated its own test – which is now the law of the land – holding that a NPDES permit is required when there is a discharge from a point source directly into navigable waters *or when there is the functional equivalent of a direct discharge.*

The Supreme Court acknowledged the difficulty of determining when a permit is required under this new test, and outlined many factors that may be relevant to determining whether a particular discharge is the functional equivalent of one directly into navigable waters, including:

1. Transit time
2. Distance traveled
3. The nature of the material through which the pollutant travels
4. The extent to which the pollutant is diluted or chemically changed as it travels
5. The amount of pollutant entering the navigable waters relative to the amount of the pollutant that leaves the point source
6. The manner by or area in which the pollutant enters the navigable waters
7. The degree to which the pollution (at that point) has maintained its specific identity

Because the District Court and Ninth Circuit did not apply this test in evaluating the facts of this case, the case will return to the District Court for further proceedings consistent with the Supreme Court's decision.

The League joined a coalition of local agency associations in filing an amicus brief to the Ninth Circuit Court of Appeal, a letter in support of the County of Maui's Petition for Certiorari, and an amicus brief to the United States Supreme Court in this case.



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: LaRue Griffin, General Manager
Item: VI-1
Subject: Department Reports

Background

Department reports for previous and current month(s).

Fiscal Impact

None.

Attachments

1. Operations Department Report.
2. Maintenance Department Report.
3. Engineering Department Report.
4. Information Technology (IT) Department Report.
5. Administrative Department Report.

Recommendation

No action required.

Review Tracking

Submitted By: _____


LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY OPERATIONS DEPARTMENT REPORT

Date: May 20, 2020
To: Board of Directors
From: Michael Peak, Operations Department Manager
Subject: Operations Department Report

All plant waste discharge requirements were met for the month.

Operations Report:

- Overall, the plant performed well through the month.
- Preparation for plant painting project.
- Worked with Maintenance and Engineering on headworks improvement project.
- COVID-19 mitigation planning.
- Preparation for schedule change 10- and 12-hour shifts.
- Participated in Culture and Core Value workshops.

Laboratory Report:

- Staff performed necessary laboratory testing per WDR requirements and operational needs.

Work Orders

- Completed this month: 11
- Pending: 4


Plant Data:

Influent Flow Description	MG
Monthly average daily ⁽¹⁾	3.16
Monthly maximum instantaneous ⁽¹⁾	5.29
Maximum 7- day average	3.43

Effluent Limitation Description ⁽²⁾	WDR Monthly Average		WDR Daily Maximum	
	<i>Recorded</i>	<i>Limit</i>	<i>Recorded</i>	<i>Limit</i>
Suspended Solids (mg/l)	0.9	10.0	1.0	20.0
Turbidity (NTU)	NA	NA	1.5	10.0
Total Phosphorus (mg/l)	0.45	0.80	0.83	1.50
Chemical Oxygen Demand (mg/l)	26.0	45.0	34.0	60.0

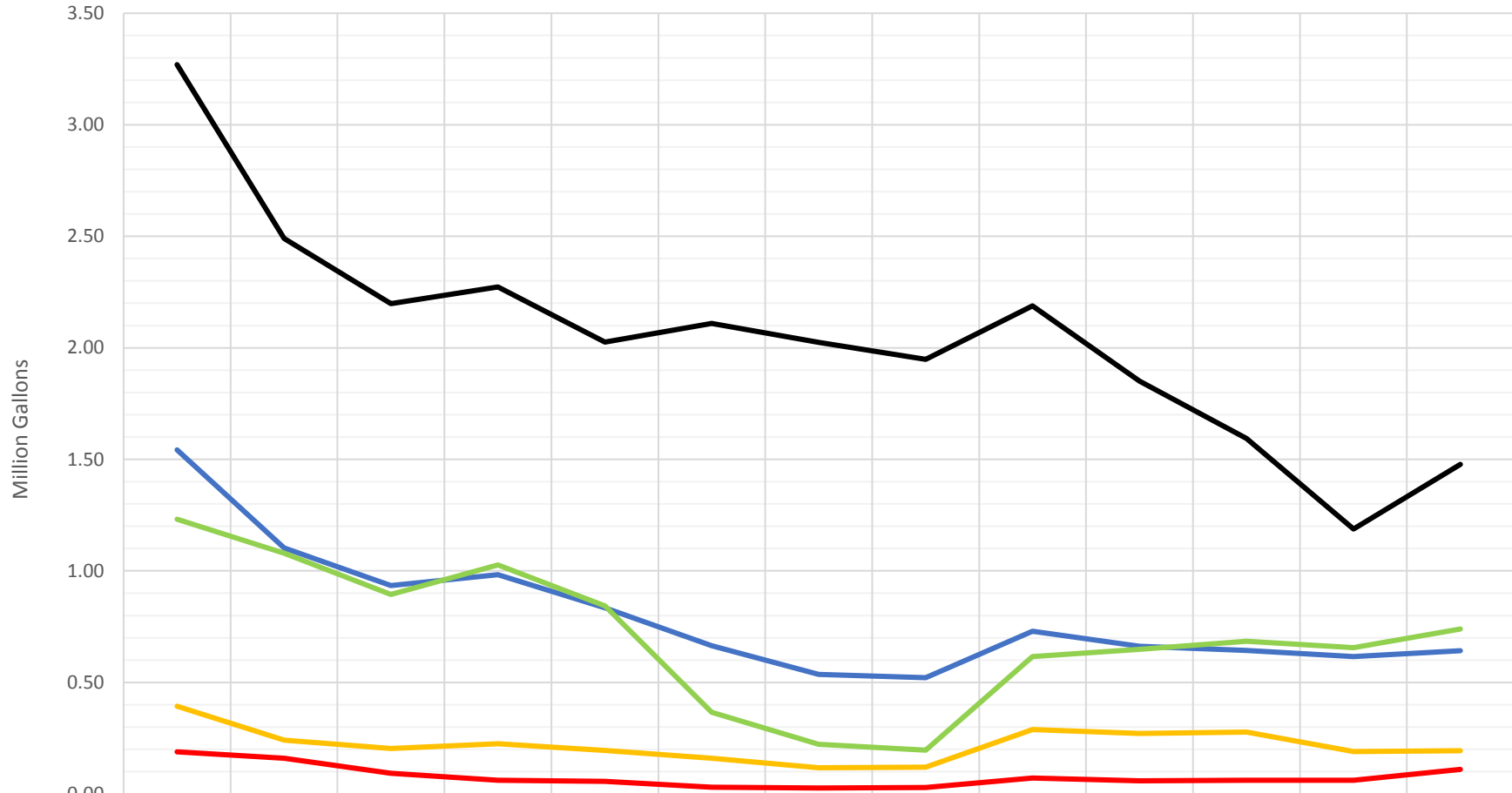
Notes: 1. Flows are depicted in the attached graph.
2. Effluent table data per WDR reportable frequency. Attached graphs depict all recorded data

Review Tracking:

Submitted By: 
Michael Peak
Operations Manager

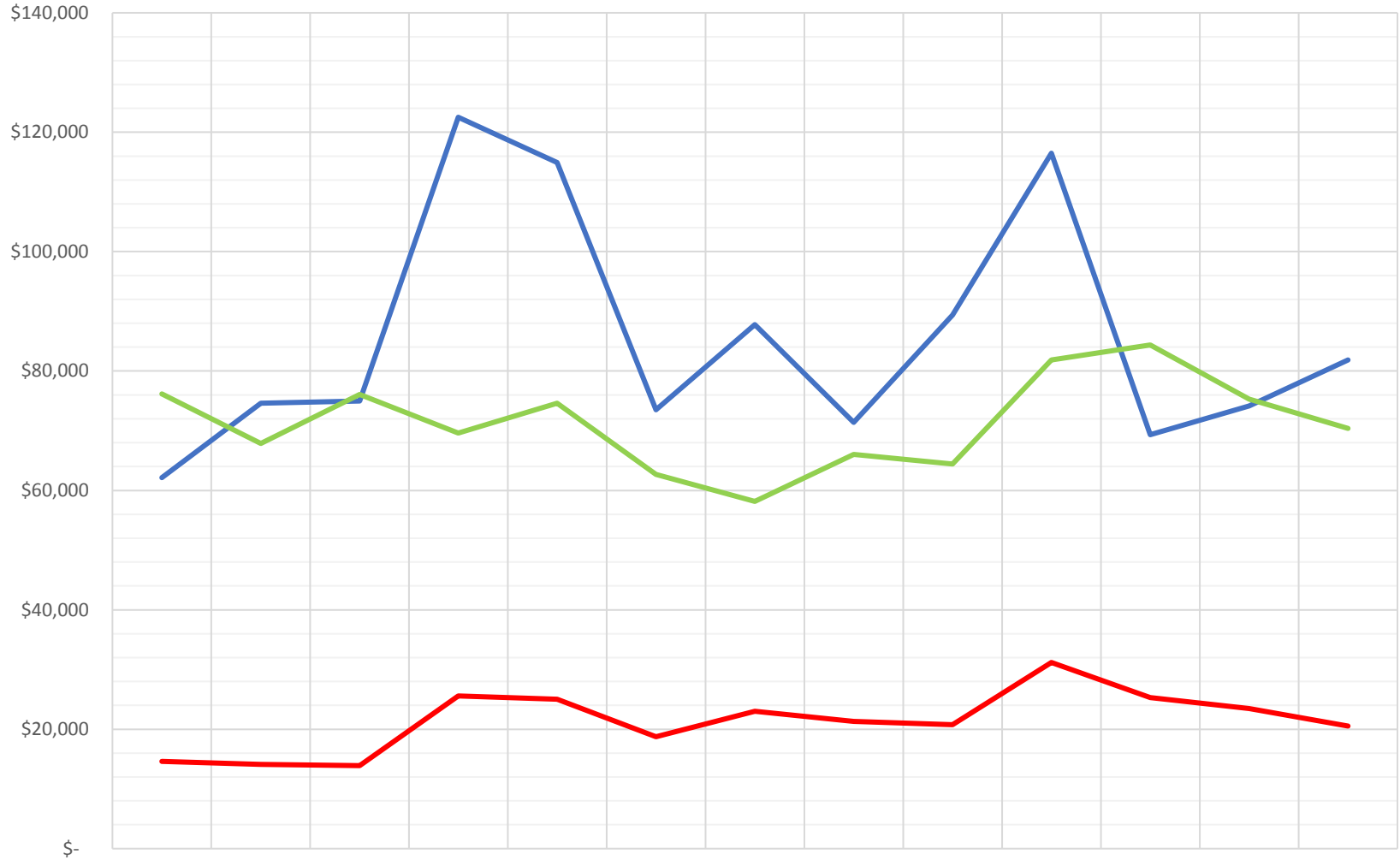
Approved By: 
LaRue Griffin
General Manager

Monthly Average Daily Flow (Districts)



	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20
NTPUD	1.54	1.10	0.93	0.98	0.83	0.66	0.54	0.52	0.73	0.66	0.64	0.62	0.64
TCPUD	1.23	1.08	0.89	1.03	0.84	0.37	0.22	0.20	0.62	0.65	0.68	0.66	0.74
ASCWD	0.19	0.16	0.09	0.06	0.06	0.03	0.03	0.03	0.07	0.06	0.06	0.06	0.11
SVPSD	0.39	0.24	0.20	0.23	0.19	0.16	0.12	0.12	0.29	0.27	0.28	0.19	0.19
TSD	3.27	2.49	2.20	2.27	2.03	2.11	2.02	1.95	2.19	1.85	1.59	1.19	1.48

Chemical, Power and Sludge Disposal Costs



	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20
— Chemical	\$62,144	\$74,595	\$74,990	\$122,510	\$114,905	\$73,500	\$87,752	\$71,385	\$89,384	\$116,483	\$69,350	\$74,168	\$81,857
— Power	\$76,190	\$67,858	\$76,064	\$69,608	\$74,597	\$62,700	\$58,163	\$66,044	\$64,431	\$81,851	\$84,369	\$75,309	\$70,394
— Sludge Disposal	\$14,638	\$14,121	\$13,905	\$25,591	\$25,020	\$18,730	\$23,009	\$21,328	\$20,741	\$31,185	\$25,291	\$23,459	\$20,523



TAHOE-TRUCKEE SANITATION AGENCY MAINTENANCE DEPARTMENT REPORT


Date: May 20, 2020
To: Board of Directors
From: Richard Pallante, Maintenance Manager
Subject: Maintenance Report

- ◆ **Project support:** In the month of April, Maintenance staff provided support for the following projects:
 - Headworks Barscreen/Compactor Upgrade Project.
 - 2020 Painting Project.

- ◆ **Plant Maintenance projects:** Maintenance staff performed tasks on the following ongoing projects:
 - Grit System valve access relocation.
 - 2 Water vault valve access relocation.
 - Removal and shipping of Centrifuge #2 for rebuild.
 - Various painting projects.
 - Chem Sludge VFD replacement.
 - Multi-Purpose Pump Station VFD firmware update.
 - Relocation of portable pumping equipment.
 - Received new Godwin portable pumps.

- ◆ **Work Orders**
 - Completed this month: Mechanical-59, Facilities-9, Electrical & Instrumentation-24.
 - Pending: Mechanical-72, Facilities-11, Electrical & Instrumentation-50.

Review Tracking:

Submitted By: 
Richard Pallante
Maintenance Manager

Approved By: 
LaRue Griffin
General Manager




TAHOE-TRUCKEE SANITATION AGENCY
ENGINEERING DEPARTMENT REPORT


Date: May 20, 2020
To: Board of Directors
From: Jay Parker, Engineering Manager
Subject: Engineering Report

- ◆ **Projects:** In the month of April, Engineering staff continued working on the following projects:
 - Digital Scanning of Sewer Lines
 - Headworks Improvements Project
 - Master Sewer Plan
 - 2020 Plant Painting Project
 - 2020 Corten Wall Additions Project
 - 2020 Administration Building Remodel
 - Equipment/Vehicle Warehouse

- ◆ **Work Orders**
 - Engineering:
 - Completed this month: 0
 - Pending: 0
 - Safety:
 - Completed this month: 0
 - Pending: 5

Review Tracking:

Submitted By: 
Jay Parker
Engineering Manager

Approved By: 
LaRue Griffin
General Manager



2019 Roof Repair Project – Contractor Mobilization



2019 Roof Repair Project – Insulation Onsite



2020 Plant Painting Project – Relocated Floating Cover




2020 Plant Painting Project – Digester 31 Interior



TAHOE-TRUCKEE SANITATION AGENCY IT DEPARTMENT REPORT

Date: May 20, 2020
To: Board of Directors
From: Bob Gray, IT Department Manager
Subject: Information Technology (IT) Report

- T-TSA Plant Information System (PIS)
 - Job Hazard Analysis (JHA) Safety Permit Portal
 - Final testing being performed on PIS server
 - Writing use/training documentation
- SCADA HMI Virtual Machine Development and Software Upgrade
 - Virtual Machine (SCADAMAIN10)
 - Current tagname server application loaded and running
 - Virtual Machine (SCADAMAIN11B)
 - Wonderware software ready for Application Server development
- SCADA Developments
 - Replacement of Remote IO Racks in building 80 (BNR Influent Pump Station) due to rodent nesting
 - All equipment has arrived and will be installed in May
- BNR Blower Cabinet Environment Monitoring and Logging --PAUSED
 - Differential pressure and cabinet temperature sensors are connected into PLC
 - Ready to bring into SCADA
- Remounting of PLC and Network Rack in CCT 53 to Provide Access to IO --PAUSED
 - Designing and assessing equipment needs
- Power Distribution System and Monitoring for TTSA Server Room
 - Equipment has arrived and will install after normal staffing resumes
- Hiring New IT Specialist
 - Filtering candidates for preliminary phone interviews (11 responders) --PAUSED
- COVID-19 IT Response
 - All equipment has been delivered to appropriate people
 - Remote access teleconferencing needs are being adequately maintained
- Work Orders
 - Completed in Apr-May.: 16
 - Outstanding: 56

Submitted By: 
Robert Gray
IT Department Manger

Approved By: 
LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY ADMINISTRATIVE DEPARTMENT REPORT

Date: May 20, 2020
To: Board of Directors
From: Roshelle Chavez, Administrative Manager
Subject: Administrative Report

Accounting

- Completed monthly A/P, A/R, payroll, general ledger processes, and bank reconciliations.
- Coordination with management with preparation of 2020/2021 Agency Draft Budgets.
- Bi-Weekly payroll began April 1st.

Billing/Customer Service

- General assistance with customer accounts, adjustments, and plan review.
- Activated new accounts and prepared associated letters, reports and invoices.
- Began preparation of Agency tax roll billing.

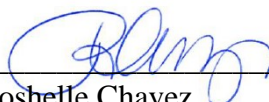
Purchasing

- Coordinated purchase of plant O&M supplies and performed various administrative tasks to assist the department.
- Coordinated with all departments regarding Agency contracts and bids.

General Administration

- Continued COVID-19 Mitigation schedule for Administrative staff telecommuting.
- Began preparation of 2020/2021 Agency Draft Budgets.
- Participated in meetings and discussions regarding Agency Core Values.
- Performed various administrative duties to assist GM and Board of Directors.
- Performed miscellaneous public records requests.

Review Tracking

Submitted By: 
Roshelle Chavez
Administrative Services Manager

Approved By: 
LaRue Griffin
General Manager

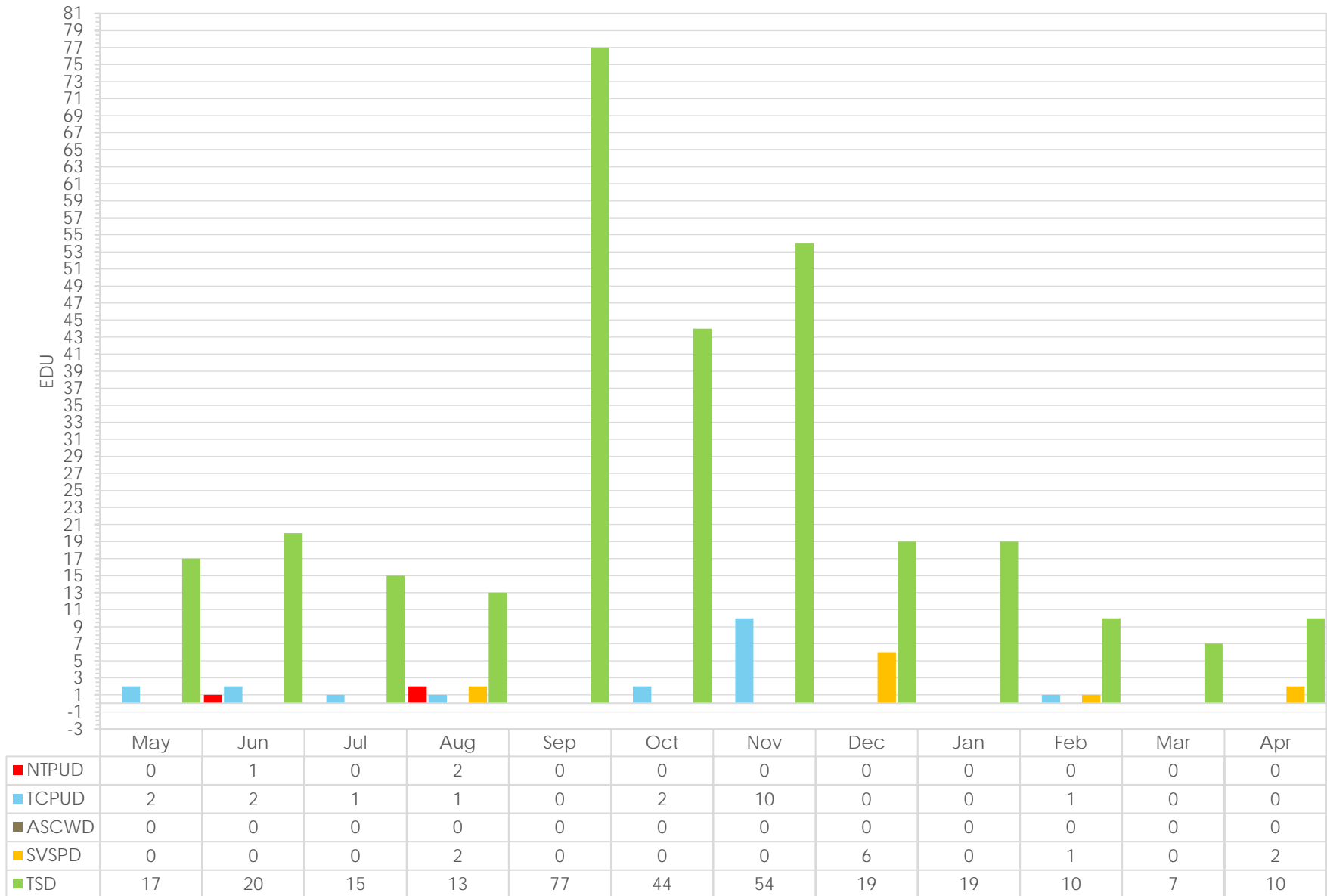
CONNECTION FEES - APRIL 2020

Connection Fee Type	MTD Count (#)	MTD Total Ft ²	MTD Total \$	YTD Count (#)	YTD Total Ft ²	YTD Total \$
Residential	3	9,211	\$ 20,619.25	184	363,619	\$ 908,847.25
Residential Ft ² Additions	1	717	\$ 1,254.75	19	29,297	\$ 51,269.75
Residential Ft ² Additions - Exempt	0	0	N/A	7	1,703	N/A
Accessory Dwelling Unit (ADU)	1	1,200	\$ -	4	3,337	\$ 8,239.75
Accessory Dwelling Unit (ADU) - Exempt	1	440	N/A	1	440	N/A
Commercial	0	N/A	\$ -	30	N/A	\$ 203,175.00
Industrial	0	N/A	\$ -	0	N/A	\$ -
Grand Total	6	11,568	\$ 21,874.00	245	398,396	\$ 1,171,531.75

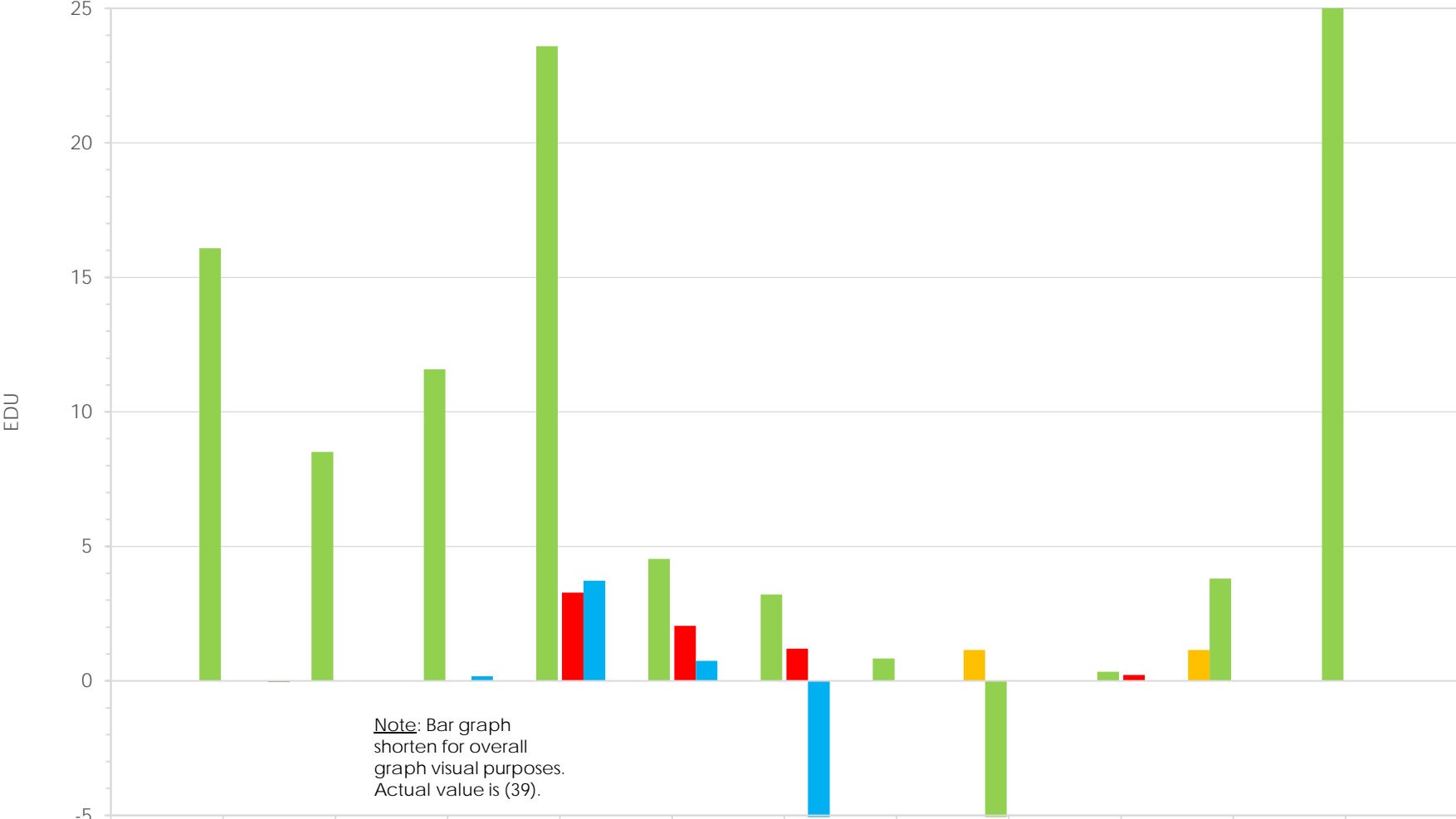
INSPECTIONS - APRIL 2020

Inspection Type	MTD Count #	MTD Total	YTD Count #	YTD Total
Commercial	0	0	217	254
Residential (Drive-by of Suspended Accounts)	0		37	

Residential EDU Summary

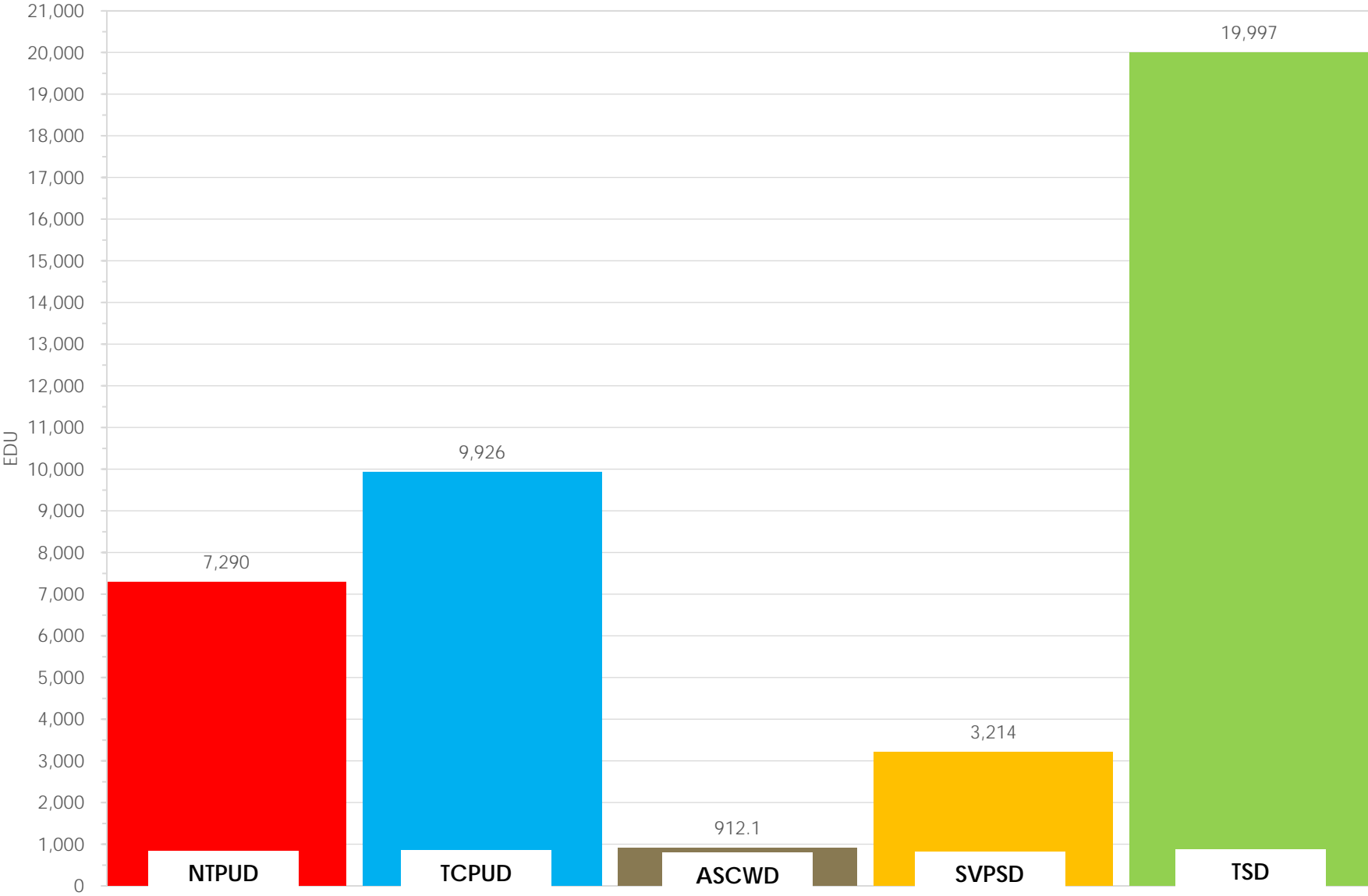


Other EDU Summary

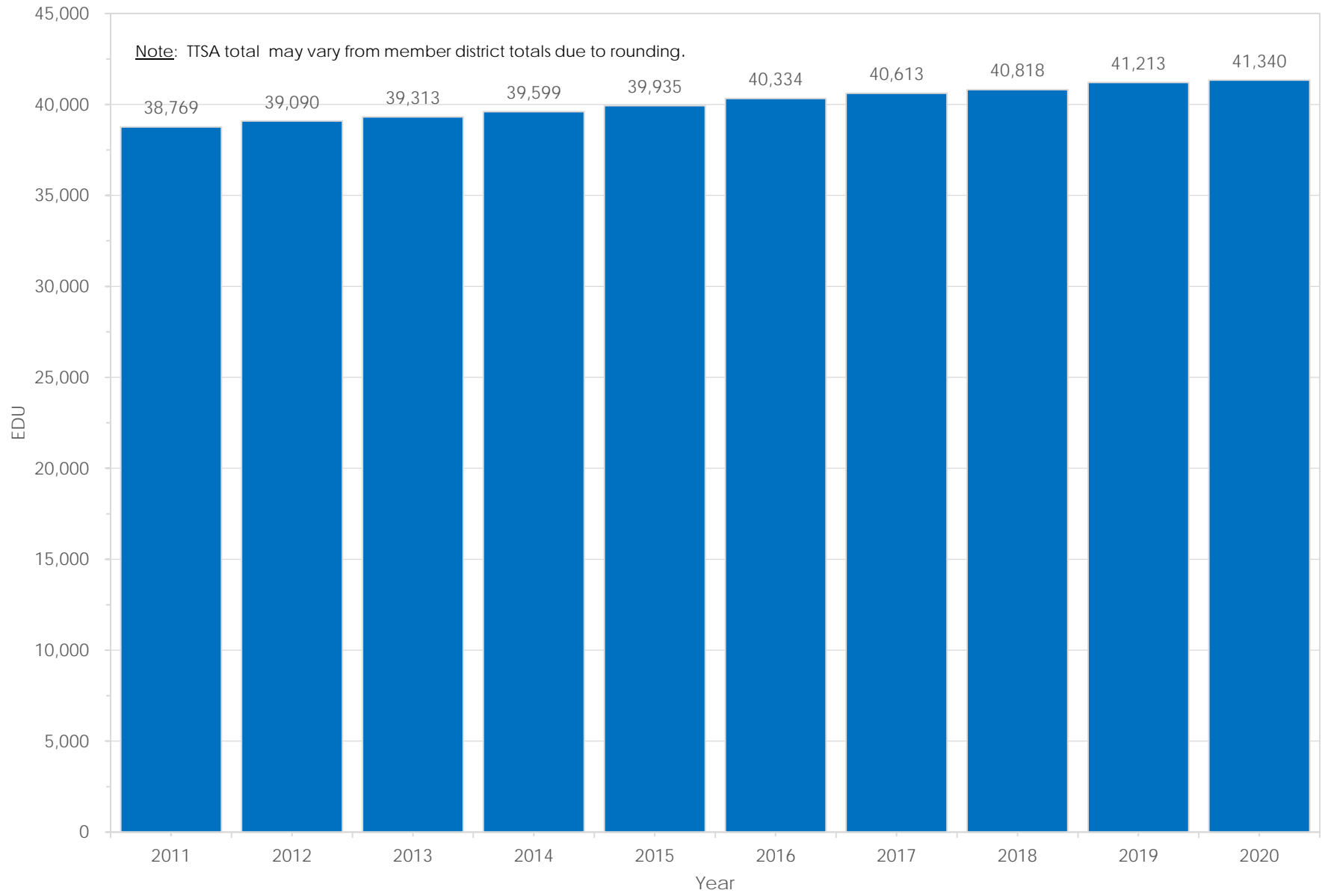


	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
■ NTPUD	0.0	0.0	0.0	0.0	3.3	2.0	1.2	0.0	0.0	0.2	0.0	0.0
■ TCPUD	0.0	0.0	0.0	0.2	3.7	0.7	(7.6)	0.0	0.0	0.0	0.0	0.0
■ ASCWD	0.0	(0.0)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
■ SVSPD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.1	0.0	0.0
■ TSD	16.1	8.5	11.6	23.6	4.5	3.2	0.8	(6.9)	0.3	3.8	73.1	0.0

Current EDU Summary By Member District



Historical TTSA EDU Summary





TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: LaRue Griffin, General Manager
Item: VI-2
Subject: General Manager Report

Continuing Projects/Work

- Management and staff continued to investigate options to become more efficient.
- Management and staff continued implementation of the new software programs.
- Management and staff continued progress on CIP projects.
- Management and staff continued leadership training.

Past Month Projects/Work

- Management and staff continued the training and creation of “CORE VALUES” to be implemented in the Agency culture and annual employee evaluation.
- Management approved Change Order No. 1 for the 2019 Roof Repair project (attached).
- Management continued implementation of the COVID-19 plan:
 - Agency remains closed to the public.
 - All staff are either telecommuting or working onsite with staggered shifts with increased staff isolation/separation.
 - Attended teleconference meetings to include Placer County, North Lake Tahoe Resort Association, CSRMA, Area Manager, and District Managers.
- Management and staff continued preparation of FY 20/21 annual budget.

Review Tracking

Submitted By: 
LaRue Griffin
General Manager



TAHOE-TRUCKEE SANITATION AGENCY

A Public Agency
13720 Butterfield Drive
TRUCKEE, CALIFORNIA 96161
(530) 587-2525 • FAX (530) 587-5840

Directors

Dale Cox: President
Dan Wilkins: Vice President
Jon Northrop
Blake Tresan
S. Lane Lewis

General Manager

LaRue Griffin

CONTRACT MODIFICATION NO. 1 (Change Order)

The following additions, deletions or revisions to the Contract Documents for the 2019 Roof Repair Project by and between the Tahoe-Truckee Sanitation Agency and CentiMark Corporation dated August 2, 2019 have been ordered and authorized:

ITEM	DESCRIPTION	COMPENSATION BASIS	COST
1	Contractor shall perform and complete all work on Buildings 13 and 53 between August 5, 2019 and October 18, 2019.	\$0.00	\$0.00
2	Contractor shall perform work on Buildings 32, 27, and 4 between May 11, 2020 and July 31, 2020. All work on Buildings 4, 27, and 32 shall be completed by July 31, 2020. Work shall be completed in the following sequence Building 4, Building 27, Building 32. Contractor shall complete all work on Building 4 before starting work on Building 27. Contractor shall complete all work on Building 27 before starting work on Building 32. Work on Building 32 shall begin after June 22, 2020.	\$0.00	\$0.00
Total Cost for Items 1 & 2			\$0.00

ORIGINAL CONTRACT AMOUNT:	\$419,286.60
CONTRACT MODIFICATION NO.1 AMOUNT:	\$0.00
REVISED CONTRACT AMOUNT:	\$419,286.60

CONTRACT TIME ADJUSTMENT: Revised as indicated herein

All terms and conditions stipulated in the Contract Documents for the 2019 Roof Repair Project by and between the Tahoe-Truckee Sanitation Agency and CentiMark Corporation dated August 2, 2019 are incorporated herein, except as provided in approved Contract Modifications.

ACCEPTED BY: Jon Wildberger 05/05/2020
CentiMark Corporation Date

APPROVED BY: [Signature] 05/08/20
Tahoe-Truckee Sanitation Agency Date



TAHOE-TRUCKEE SANITATION AGENCY

MEMORANDUM

Date: May 20, 2020
To: Board of Directors
From: LaRue Griffin, General Manager
Item: VII
Subject: Board of Director Comment

Background

Opportunity for directors to ask questions for clarification, make brief announcements and reports, provide information to staff, request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.