

December 7, 2020

Meeting Information

Zoom address: <https://zoom.us/j/96008229578>

Call-in Number: (669) 900-9128

Meeting ID: 960 0822 9578

NOTE: The Board Room is available for any Board Member. Social distancing requirements can be met with all Members present

**WALKER RIVER IRRIGATION DISTRICT
BOARD OF DIRECTORS REGULAR MEETING
YERINGTON, NEVADA**

**December 7, 2020
Monday 10:00 A.M.**

**NOTICE OF MEETING
of the Board of Directors of Walker River Irrigation District**

The Board of Directors of the Walker River Irrigation District will conduct its regular meeting on Monday December 7, 2020, beginning at 10:00 A.M. pursuant to Governor Steve Sisolak's March 22, 2020 Emergency Directive, as extended by Emergency Directive 026, which suspends the requirement that there be a physical location designated for meetings of a public body where members of the public are permitted to attend and participate in person. The meeting of the Board will be via Zoom call. Per the Governor's Emergency Directive, the public may provide public comment and also comment on Agenda items by emailing comments to jessica@wrid.us. Comments received by email prior to 4:00 P.M. on December 4, 2020 will be entered into the record. Comments may also be submitted during the meeting by participating in the Joint Zoom Meeting using the information below.

The District appreciates the public's patience and understanding during this difficult and challenging time.

**Topic: WRID Board Meeting 12/7/2020
Time: December 7, 2020 10:00 AM Pacific Time (US and Canada)**

Join Zoom Meeting

<https://zoom.us/j/96008229578>

Meeting ID: 960 0822 9578

One tap mobile

+13462487799,,96008229578# US (Houston)

+16699009128,,96008229578# US (San Jose)

Dial by your location

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Washington D.C.)

Meeting ID: 960 0822 9578

Find your local number: <https://zoom.us/u/abnbNoqGFj>

NOTICE

Agenda items may be taken out of order.

The Board may remove or delay discussion relating to an agenda item at any time.

The Board may combine two or more agenda items for consideration.

The meeting may be continued as deemed necessary.

Requests for supporting material provided to members of the Board, if any, can be provided electronically by a request to jessica@wrid.us. Such supporting material, if any, will be posted on the Walker River Irrigation District website.

OFFICIAL AGENDA

Action may be taken only on those items denoted “**For possible action.**”

1. Public Comment

Any member of the public may address and ask questions of the Board relating to any matter within the Board’s jurisdiction. Public comments need not be related to any item on the Agenda. Action will not be taken on any matter raised by the public until the matter is specifically included on an agenda as an item upon which action will be taken.

2. Roll Call and Determination of Quorum

3. Consideration of Minutes of the November 9, 2020 Regular meeting. **(For possible action)**

4. Water Master’s report

5. Staff Reports including, but not limited to, those items listed:

- A. Treasurer’s Report
- B. Consideration of Bills and Payroll for payment. **(For possible action)**
- C. Manager’s Report
- D. Legal Counsel’s Report
- E. Review and Approval of Monthly Storage Transfers. **(For possible action)**
- F. Storage Water Leasing Program Update

6. Update from the Division of Water Resources regarding groundwater pumping and upcoming fieldwork schedules.

7. Update by Walker Basin Conservancy on activities related to the Walker Basin Restoration Program, including Acquisitions and Conservation and Stewardship Activities.
8. Review and consideration of request of Douglas County Parks and Recreation Department for permission to construct a breakwater on WRID property at Topaz Lake based on plans previously provided by Douglas County. **(For possible action)**
9. Presentation and Consideration of FY 2019-2020 Audit Report by Sciarani & Co. **(For possible action)**
10. Director Comments
11. Public Comment

Any member of the public may address and ask questions of the Board relating to any matter within the Board's jurisdiction. Public comments need not be related to any item on the Agenda. Action will not be taken on any matter raised by the public until the matter is specifically included on an agenda as an item upon which action will be taken.

12. Adjournment

WALKER RIVER IRRIGATION DISTRICT
BOARD OF DIRECTORS

Notice is hereby given that on December 7, 2020, the Board of Directors of the Walker River Irrigation District will conduct a meeting. The meeting will commence at 10:00 AM. Pursuant to Governor Steve Sisolak's March 22, 2020 Emergency Directive, as extended by Emergency Directive 026, the meeting of the Board will be via Joint Zoom Meeting. The Official Agenda for that meeting is attached hereto and made a part of this Notice.

Date: November 30, 2020

ROBERT C. BRYAN
Manager

Pursuant to Governor Steve Sisolak's March 22, 2020 Emergency Directive, as extended by Emergency Directive 026, the requirement of N.R.S. 241.020(4)(a) that public notice agendas be posted at physical locations within the State of Nevada, is suspended. I, Robert C. Bryan, WRID Manager, do hereby certify that the foregoing Agenda was posted on the Walker River Irrigation District website (<http://www.wrid.us>) and Nevada's notice website (<https://notice.nv.gov>). In addition, a copy will be mailed via U.S. Mail or electronic mail to any person who has made a request for such mailing.


ROBERT C. BRYAN
Manager

Jessica Halterman

From: Judith Harker <judhrkr@gmail.com>
Sent: Monday, November 9, 2020 10:53 AM
To: Jessica Halterman
Subject: WRID meeting?
Attachments: County Lands Bill.docx; SVAB presentation 10-7-20.docx

Jessica,

I wanted to address the Board during public comment at the WRID meeting on 11/9/20. I logged in, but was never able to join the meeting--my screen insisted that the meeting had not started. So I am attaching two files containing information that I think is of serious concern to groundwater users in Smith Valley. I own 10 acres and have a domestic well in northwest Smith Valley.

The issue is the Hudbay Mason mine that is being proposed for the northeast part of Smith Valley. Most of their holding is in the Smith Valley groundwater basin west of the Singatse Range, the rest is in the Mason Valley basin. This mine will be huge--approximately 4 to 8 times bigger than the Yerington Anaconda mine. According to Hudbay, they need 7000 to 16000 acre feet per year of groundwater for their operations.

The first doc is information I put together comparing Hudbay and the old Anaconda mine in Yerington, as well as groundwater information. I presented this at a Smith Valley Advisory Board meeting. The second doc is the posting of the Lyon County Board of County Commissioners about a lands bill they want to push through for Hudbay. The plan is to take land from BLM and sell it to Hudbay.

I see this as a large threat to agricultural operations in Smith Valley, as well as to domestic well users.

Thank you for your attention,

Judith Harker

Home - News

Posted on: November 6, 2020

BOARD OF COMMISSIONERS APPROVE SEEKING A CONGRESSIONAL LANDS BILL

Yerington, NV – November 5, 2020 the Lyon County Board of Commissioners unanimously approved the County Manager's request to seek a lands bill from Congress. County Manager Jeff Page requested authorization to move forward with the Congressional Delegation to develop a public lands bill.

Lyon County has not sought a lands bill since the passage of the Yerington Land Conveyance and Sustainable Development Act in December 2014. That bill provided the City of Yerington with approximately 10,000 acres of land south east of Yerington with a bulk of it being purchased by Nevada Copper.

Page explained that the bill will ask for federal lands to be transferred to Lyon County in west Mason Valley and East Smith Valley for future mining operations, acreage in Silver Springs for a regional park and athletic fields, acreage in Dayton to implement storm drainage plans and a second bridge in Dayton and to transfer current federal land leases to county ownership.

Page explained that the County will work with a variety of stakeholders from all disciplines to develop a comprehensive bill to enable economic growth and quality of life. Page anticipated coming back to the County Commission after the new year with language for the Board to consider.

Hudbay Mason Project

In 2018 Hudbay purchased the mining rights/land from Entrée Gold. Most of this land is on BLM in the Singatse range west of the Yerington Anaconda mine.

The 1.4 billion ton ore body is the 4th largest undeveloped copper resource in the USA. Permitting process will begin next year, construction is planned to start in 2025. They estimate 500-600 regular jobs under full operation; a total of 2000-3000 total including construction over the 25 year projected mine life.

How big is Hudbay compared to Yerington Anaconda? Some comparisons:

Hudbay

Yerington Anaconda

Ore body:

1.4 billion tons

Extracted 351,457,000 tons ore + waste (.351 billion)

Potentially 4 times bigger than Yerington, but the Hudbay ore body estimate does not include the waste rock. If you compare just the ore from Anaconda (162,414,000 tons or .16 billion) with the ore body from Hudbay, the Hudbay project will be 8.75 times bigger than Yerington Anaconda.

Daily operation:

90,000 to 120,000 tons of ore

13,000 tons per day, including waste rock

Daily tonnage would be more

when moving waste rock & earth

but they did not give the total.

When you compare the daily tonnage moved, Hudbay will be at least 6 to nine times more than Anaconda.

Ore type:

Copper sulfite deposit

103,834,000 tons oxide ore

(plus some gold, molybdenum)

58,580,000 tons sulfide ore

Sulfite ore (.3% copper) is processed by crushing, milling, grinding and 'floating' with acid bath; copper concentrate foams and is skimmed off (36% copper). This is sent to a smelter off site, where it is smelted and purified to 99% copper. There are only 3 smelters in the US, it will be cheaper to send to them, unless they cannot handle the capacity. If it does not go to a US smelter, it goes to Canada, Mexico or China.

Pit size:

Unknown

1 mile long, 1/2 mi. wide, 810' deep, 450' under water, pit lake

Water usage:

7,000 to 16,000 acre feet/yr

unknown; Yerington gives Pumpkin Hollow up to 4,350

Acre ft/yr, ample for their current shaft mine & proposed pit mine

This is the big question: Which aquifer will they be drawing from—Mason Valley or Smith Valley? The Yerington Anaconda clearly drew from Mason Valley because that is where all their pollution went. It all depends upon where they put their pit and their well, unknown at this point.

Mine life:

25 years, assuming \$3/lb for copper 25 years

Reclamation:

Bond for reclamation at permitting process	Under way, after purchase by ARCO
Buildings will be removed, site will be replanted	There is an 8 yr plan, lined Heap Leach ponds installed 2020. Where groundwater is contaminated, people receive bottled water, or get City of Yerington water.
Pit will stay OPEN and hold a pit lake	

Ground Water

To put the water usage in context, ground water rights in Smith Valley have been allocated: about 55,000 acre ft/yr for all combined uses (crops, livestock, domestic wells, etc.). 53,000 of this is for irrigation, and 34,000 of this is supplemental ground water rights (Curtailment Order 1250, Feb 2015, p.5). This is vastly over allocated because it combines surface and ground water sources.

The ground water perennial yield (without depletion of the aquifer and lowering the water table) is 17,000 acre feet/yr., according to the doc from the NV Division of Water Resources (NRS 532.167) (see below). According to this document, 0.0 AFY of ground water is available for appropriation. The mine will draw ONLY ground water, there is no surface water. Potentially it will use from 41% to 94% of the perennial yield.

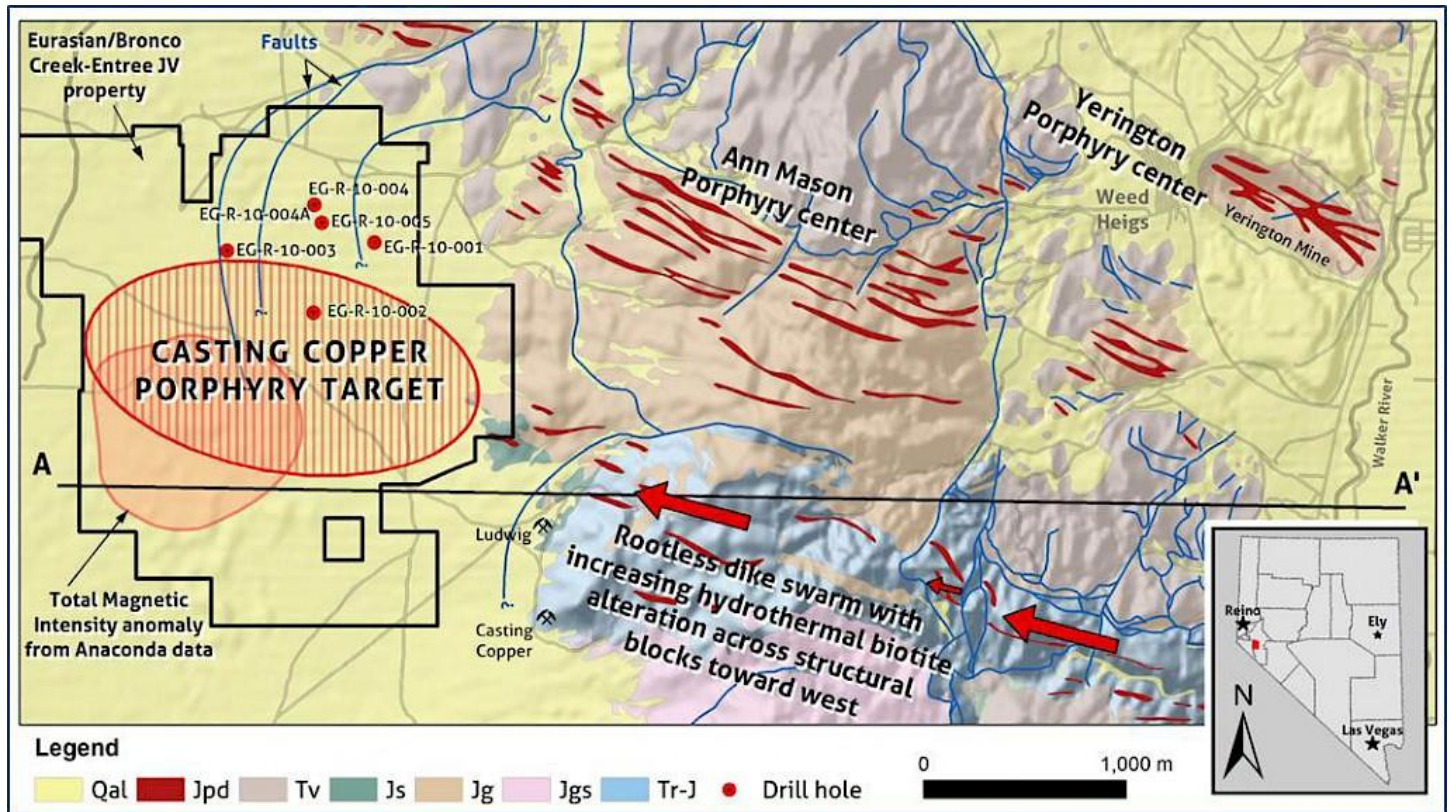
(p. 44 Walker River Atlas, 1992) Irrigation has raised the water table in Smith Valley and created Beaman Lakes. Both Beaman Lakes and Artesia Lake are expressions of high ground water, where ground water is discharged to the surface. Irrigation (via the canal and ditch systems) is a primary source of ground water recharge. Beaman Lakes area was drained using a system of ditches. Flood irrigation has mostly been replaced by wheel line and then by pivot irrigation. Both use much less water than flood irrigation, and there is less to recharge the aquifer. Drought is now the norm, and Artesia Lake only has water after seasonal rains; the water table is now below the lake level. Since the mid-1980s, more significant low river flows have been recorded and the years of low flows are covering longer multi-year periods of time. The trend has been a drop in the aquifer. Static water in my own well was at 137' in Oct 2000, dropped to 193' April 2014 (56' drop) and was 182' in April 2019 (45' drop).

For the calendar years of 2012, 2013 and 2014, ground water pumping in Smith Valley was estimated to be 37,000 acre-ft, 38,000 acre-ft and 41,000 acre-ft respectively. Each of these years represented the highest pumpage ever recorded in the basin. This was not sustainable, wells were failing, ground water levels dropped drastically. In 2015 a curtailment order (Order 1250) was issued on Feb. 3 to 50% of supplemental ground water. An injunction prompted the issuance of another curtailment that better set out the terms of curtailment, (Order 1267), and specifically tailored the % curtailment to the percent of median river flow. In the 2015 drought year, conservation & curtailments led to the total ground water usage in Smith Valley to be 30,262 acre feet (28,653 for irrigation). This is still well beyond the perennial yield. Order 1271 (Dec.2015) stated that applications to appropriate ground water in the S.V. Hydrographic basin will be denied.

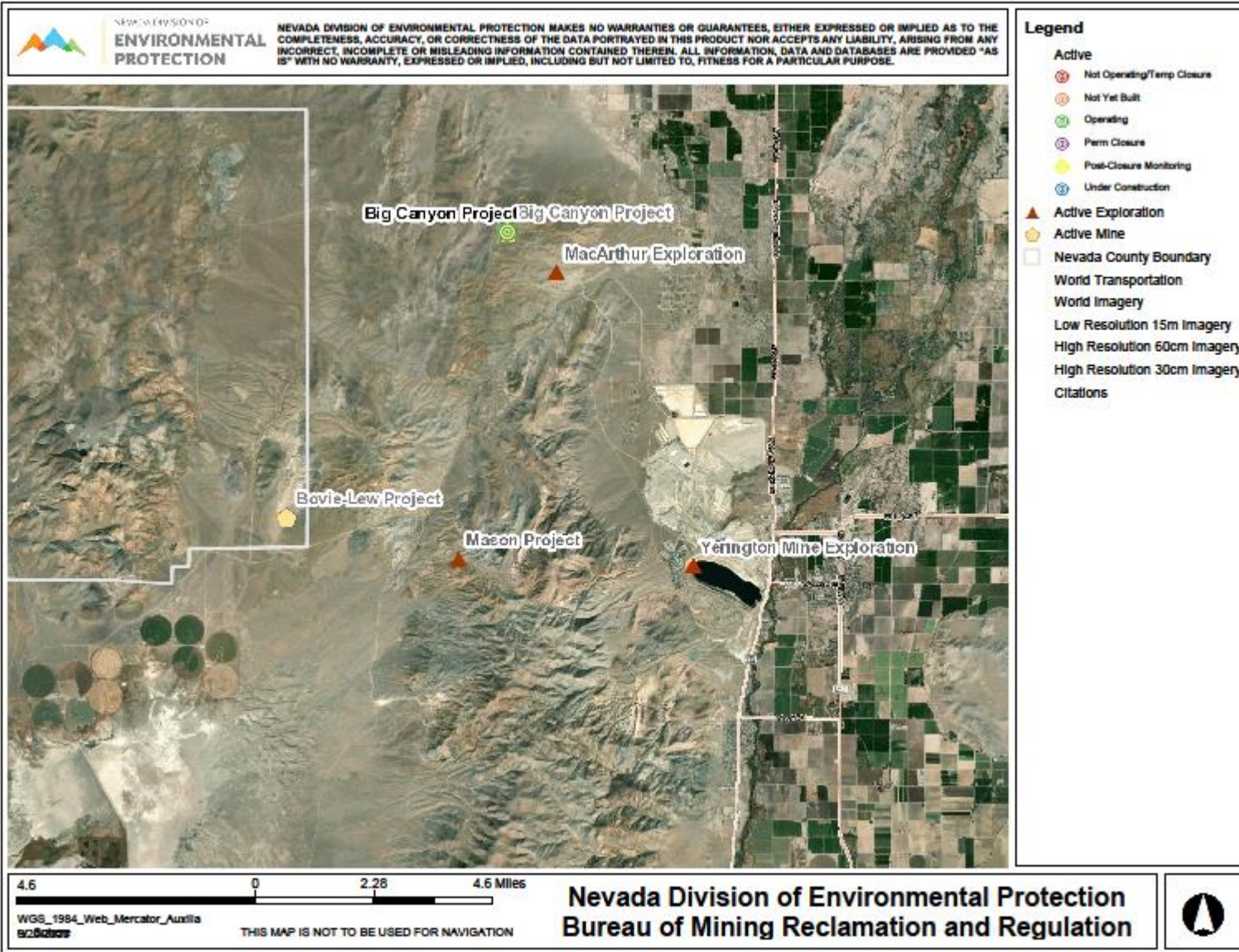
Send questions to: masonproject@Hudbayminerals.com More information at: facebook@hudsonbaymason
Virtual open house video can be viewed at this web address: <https://vimeo.com/451195223>



The Entrée Gold map pictured above is the same footprint as the current Hudbay map, since Hudbay purchased Entrée Gold in 2018. Hudbay also purchased an additional 1450 acres south and west of the Yerington Anaconda site adjoining the 'Shamrock' section of the Hudbay holdings.



This was downloaded from the Hudbay website. It shows the site of the Yerington Mine (right side) as well as the Ann Mason ore body and the porphyry target potential ore body (left side). Note the location of the Ludwig mine site just below the A-A' horizontal line and left of the red arrow. The copper porphyry ore is north and west of Ludwig. I think it is near Artesia Lake and the irrigated ag land north of the lake.



This map shows some features of Smith Valley—far left pivot circles above Artesia Lake, and the small white spot east of there is Ludwig. This will help locate the copper porphyry deposit from the previous page. Also, look at the size of the Yerington mine including the pit lake, the leach ponds, and the waste dirt and rock fill sites. Imagine something 4 to 8 times as big.

Groundwater Commitments and Availability

Hydrographic Area No. 107
Hydrographic Region No. 09

Hydrographic Area Name SMITH VALLEY
Hydrographic Region Name WALKER RIVER BASIN

Commercial	757.67
Construction	1.45
Domestic	897.69
Evaporation	0.00
Environmental	187.82
Industrial	59.84
Irrigation	57,319.30
Mining and Milling	187.82
Municipal	0.00
Power	0.00
Quasi-Municipal	247.56
Recreation	0.00
Stockwater	266.47
Storage	0.00
Wildlife	0.74
Other	0.00

Perennial Yield (AFY) 17000
System Yield (AFY) 62000

Yield Reference(s) USGS BULLETIN 43
Yield Remarks Recharge

Manner of Use Committed Acre-Feet Annually (AFA)

1 Domestic Well Use	1,668.00
2 Groundwater Reserve	0.00
3 Groundwater Committed	61,594.36
4 Groundwater Available for Appropriation	0.00

1 Domestic well use commitment is considered to be the number of active domestic wells in the NDWR database multiplied by 2 AFA (NRS 534.180). The amount of groundwater actually used by domestic wells is commonly approximated to be 1 AFA or less.

2 Groundwater Reserved pursuant to NRS 533.0241. See State Engineer Interim Order #1308.

3 Groundwater Committed is the sum of all permitted, certificated, decreed, reserved, relinquished, revocable, unadjudicated vested claims to groundwater rights, domestic well use commitment, and the groundwater reserve.

4 Groundwater Available for Appropriation is estimated as the difference between perennial yield and groundwater committed. If groundwater committed exceeds perennial yield, available groundwater is zero.

Caution to User:

This simplified estimate does not take into account several variables that may affect groundwater availability, such as the supplemental nature of groundwater to surface water sources, rights that were issued with an expiration date, rights that are temporary in nature (e.g., mining and milling), the consumptive use of individual rights, hydrogeologic setting, hydraulic connectivity to surface water, adjudication status, and geothermal appropriations. The use of "--" in the Groundwater Available for Appropriation field indicates the basin has special circumstances associated with its perennial yield that affect the amount of groundwater available for appropriation.

The user is referred to the appropriate Yield References, Rulings, and Orders.

Walker River Irrigation District
Balance Sheet
As of 11/30/2020

Current Year

Assets

Current Assets

Cash & Cash Equivalents

Cash in Checking	106,619.71
Cash in Money Market	902,145.20
Cash in CDs	<u>749,661.39</u>
Total Cash & Cash Equivalents	<u>1,758,426.30</u>
Total Current Assets	<u>1,758,426.30</u>
Total Assets	<u><u>1,758,426.30</u></u>

CD Balances as of November 30, 2020:

Wells Fargo 4816	\$180,602.91
Wells Fargo 0746	\$321,519.18
GNCU 3674	<u>\$250,845.82</u>
	\$752,967.91

** Balance differs from above due to
interest earned but not paid **

Walker River Irrigation District
Cash Journal - HYTE
From 11/1/2020 Through 11/30/2020

1100 - Cash in Checking

<u>Document #</u>	<u>Payee/Recipient Name</u>	<u>Transaction Description</u>	<u>Effective Date</u>	<u>Deposits</u>	<u>Disbursements</u>	<u>Adjustments</u>
121725	Ameritas Life In	POLICY 010-19010-01	11/5/2020	0.00	1,815.20	0.00
121726	AT&T Mobility	287235136385	11/5/2020	0.00	118.04	0.00
121727	Associated Conc	JOB NUTI	11/5/2020	0.00	1,562.40	0.00
121728	Mason Valley Qi	NOVEMBER SERVICES	11/5/2020	0.00	300.00	0.00
121729	True Value	ACCT 860	11/5/2020	0.00	53.65	0.00
121730	Public Employee	AGENCY 776	11/5/2020	0.00	870.23	0.00
121731	Purchase Power	ACCT 8000-9000-0520	11/5/2020	0.00	359.94	0.00
121732	NV Energy	PREMISES 312890	11/5/2020	0.00	184.46	0.00
121732	NV Energy	PREMISES 315913	11/5/2020	0.00	2.83	0.00
121733	Southwest Gas	ACCT 273-0040269-02	11/5/2020	0.00	41.17	0.00
121734	Champion Chev	2021 SILVERADO CRE	11/5/2020	0.00	38,037.25	0.00
121735	Xerox Financial	ACCT 010-0058691-00	11/5/2020	0.00	164.44	0.00
121736	Desert Engineer	JOB 20204	11/5/2020	0.00	319.66	0.00
121737	Lillard & Clark C	BRIDGEPORT RESERV	11/5/2020	0.00	30,775.00	0.00
121738	Yerington Read	COLONY PROJECT	11/5/2020	0.00	403.26	0.00
121739	AT&T	ACCT 030 596 9748 00	11/12/2020	0.00	153.81	0.00
121740	John Deere Cre	ACCT 28117-10068	11/12/2020	0.00	5.16	0.00
121741	O'Reilly Automo	ACCT 1075876	11/12/2020	0.00	176.73	0.00
121742	Reno Gazette Jc	ACCT 104319	11/12/2020	0.00	255.32	0.00
121743	NV Energy	PREMISES 296827	11/12/2020	0.00	72.53	0.00
121744	Alhambra	ACCT 2883556515120	11/12/2020	0.00	237.62	0.00

Walker River Irrigation District
Cash Journal - HYTE
From 11/1/2020 Through 11/30/2020

121745	Wells Fargo Car ACCT 9574	11/12/2020	0.00	1,956.70	0.00
121746	White Cap Cons ACCT 1891981	11/12/2020	0.00	1,609.80	0.00
121747	CALM Water Co SARONI MAIN TURNO	11/12/2020	0.00	6,357.00	0.00
121748	Sam Ward WABUSKA APPRAISAL	11/12/2020	0.00	1,650.00	0.00
121748	Sam Ward WILLHOYT APPRAISAL	11/12/2020	0.00	1,650.00	0.00
121749	Sierra Office Sol ACCT WR21:904957-B	11/12/2020	0.00	176.64	0.00
121750	Yerington Read COLONY PROJECT	11/12/2020	0.00	745.42	0.00
121750	Yerington Read NUTI/FENILI PROJECT	11/12/2020	0.00	3,110.18	0.00
121751	Verizon Wireless ACCT 772404160-0000	11/12/2020	0.00	442.76	0.00
121752	Giomi, Inc. ACCT 805	11/19/2020	0.00	372.26	0.00
121753	Sticks and Stone ACCT WRID	11/19/2020	0.00	2,904.37	0.00
121754	NAPA AUTO & TACCT 7200	11/19/2020	0.00	233.48	0.00
121755	Lyon County Re FOR THE PERIOD 10/1	11/19/2020	0.00	53.75	0.00
121756	MF Barcellos ACCT WALRIV	11/19/2020	0.00	2,444.90	0.00
121757	Quill ACCT 2874673	11/19/2020	0.00	412.98	0.00
121758	Vision Service P ACCT 30021350	11/19/2020	0.00	186.05	0.00
121759	City of Yerington ACCT 12304001	11/19/2020	0.00	151.67	0.00
121760	Charter Commu ACCT 8354 11 009 013	11/19/2020	0.00	226.51	0.00
121761	Truckee Tahoe ACCT 5789.001	11/19/2020	0.00	3,186.10	0.00
PAYROLL	NOVEMBER PAYROLL	11/30/2020	0.00	34,766.14	0.00
FY21-26	To record MMK Transf	11/5/2020	<u>0.00</u>	<u>0.00</u>	<u>250,000.00</u>
	Total 1100 - Cash in Checking		0.00	138,545.41	250,000.00

Walker River Irrigation District
Cash Journal - HYTE
From 11/1/2020 Through 11/30/2020

1200 - Cash in Money Market

Document #	Payee/Recipient Name	Transaction Description	Effective Date	Deposits	Disbursements	Adjustments
3889	SAB Ditch Com	INV 502 517	11/5/2020	2,840.98	0.00	0.00
6715	Lyon County	FY20 Assessments- Ly	11/22/2020	117,593.91	0.00	0.00
6885	Hall Ditch Comp	INV 509	11/5/2020	2,888.85	0.00	0.00
6886	Greenwood Ditch	INV 495 508	11/5/2020	2,703.98	0.00	0.00
6887	Plymouth Ditch	INV 500 515	11/5/2020	6,484.91	0.00	0.00
6888	Natural Resourc	INV 486	11/5/2020	4,098.56	0.00	0.00
6890	Joggles Ditch C	INV 497 510	11/5/2020	2,840.98	0.00	0.00
6891	West Hyland Ditch	INV 503 520	11/5/2020	3,983.10	0.00	0.00
6892	Mickey Mutual	INV 306	11/17/2020	6,363.50	0.00	0.00
6894A	Gansberg Famil	INV 404 411	11/10/2020	2,320.00	0.00	0.00
6894B	Plymouth Ditch	INV 404 411	11/10/2020	1,176.00	0.00	0.00
6895		QUILL REIMBURSEMEI	11/10/2020	6.30	0.00	0.00
6896	Campbell Ditch	INV 447 493 506	11/10/2020	25,191.53	0.00	0.00
6897	River Simpson	INV 501 516	11/30/2020	100.00	0.00	0.00
FY21-26		To record MMK Transf	11/5/2020	<u>0.00</u>	<u>0.00</u>	<u>(250,000.00)</u>
		Total 1200 - Cash in Money Market		<u>178,592.60</u>	<u>0.00</u>	<u>(250,000.00)</u>
Report Total				<u>178,592.60</u>	<u>138,545.41</u>	<u>0.00</u>

Walker River Irrigation District
Aged Receivables by Due Date - Aged Receivable
From 7/1/2020 Through 6/30/2021

Aging Date - 11/30/2020

Customer ID	Invoice Number	Due Date	Current	1 - 30 Days Past Due	31 - 60 Days Past Due	61 - 90 Days Past Due	Over 90 Days Past Due	Total
BOR-Campbell	505	11/18/2020	0.00	5,878.50	0.00	0.00	0.00	
	Total		0.00	5,878.50	0.00	0.00	0.00	5,878.50
BOR-Plymouth	483	8/6/2020	0.00	0.00	0.00	0.00	55,272.00	
	Total		0.00	0.00	0.00	0.00	55,272.00	55,272.00
BOR-Saroni	484	8/6/2020	0.00	0.00	0.00	0.00	54,517.11	
	Total		0.00	0.00	0.00	0.00	54,517.11	54,517.11
Bridgeport Reservoir	521	12/17/2020	5,569.24	0.00	0.00	0.00	0.00	
	Total		5,569.24	0.00	0.00	0.00	0.00	5,569.24
Colony Ditch Co.	448	7/2/2020	0.00	0.00	0.00	0.00	2,324.99	
	494	9/10/2020	0.00	0.00	0.00	12,391.49	0.00	
	507	11/18/2020	0.00	19,844.37	0.00	0.00	0.00	
	Total		0.00	19,844.37	0.00	12,391.49	2,324.99	34,560.85
Douglas County	522	12/31/2020	25,000.00	0.00	0.00	0.00	0.00	
	Total		25,000.00	0.00	0.00	0.00	0.00	25,000.00
Gansberg Family	523	12/31/2020	25,260.00	0.00	0.00	0.00	0.00	
	Total		25,260.00	0.00	0.00	0.00	0.00	25,260.00
Mickey Mutual Ditch	360	12/21/2019	0.00	0.00	0.00	0.00	2,374.03	
	511	11/18/2020	0.00	2,019.92	0.00	0.00	0.00	
	Total		0.00	2,019.92	0.00	0.00	2,374.03	4,393.95
Nevada Copper Inc	526	12/31/2020	25,500.00	0.00	0.00	0.00	0.00	
	Total		25,500.00	0.00	0.00	0.00	0.00	25,500.00

Walker River Irrigation District
Aged Receivables by Due Date - Aged Receivable
From 7/1/2020 Through 6/30/2021

NFWF	512	11/18/2020	0.00	40,590.37	0.00	0.00	0.00		
		10/31/2020	<u>214,550.75</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
Total			<u>214,550.75</u>	<u>40,590.37</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>255,141.12</u>
Nichol Merritt Ditch	499	9/10/2020	0.00	0.00	0.00	3,012.39	0.00		
	513	11/18/2020	<u>0.00</u>	<u>8,193.30</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
Total			<u>0.00</u>	<u>8,193.30</u>	<u>0.00</u>	<u>3,012.39</u>	<u>0.00</u>	<u>0.00</u>	<u>11,205.69</u>
NRCS	486	8/6/2020	0.00	0.00	0.00	0.00	72,867.59		
	503	9/10/2020	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>10,796.80</u>	<u>0.00</u>		
Total			<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>10,796.80</u>	<u>72,867.59</u>		<u>83,664.39</u>
Plymouth Ditch Co	327	7/26/2019	0.00	0.00	0.00	0.00	37,405.40		
	492	8/26/2020	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>31,328.00</u>		
Total			<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>68,733.40</u>		<u>68,733.40</u>
Topaz Landing	525	12/31/2020	<u>1,350.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>		
Total			<u>1,350.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>		<u>1,350.00</u>
Walker Basin Conserv	520	12/5/2020	<u>24,493.07</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>		
Total			<u>24,493.07</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>		<u>24,493.07</u>
Report Total			<u>321,723.06</u>	<u>76,526.46</u>	<u>0.00</u>	<u>26,200.68</u>	<u>256,089.12</u>		<u>680,539.32</u>

November 2020 Bills & Payroll

Check Number	Effective Date	Vendor Name	Check Amount
121725	11/5/2020	Ameritas Life Insurance Corp	\$ 1,815.20
121726	11/5/2020	AT&T Mobility	\$ 118.04
121727	11/5/2020	Associated Concrete Pumping Material Belting	\$ 1,562.40
121728	11/5/2020	Mason Valley Quicknet	\$ 300.00
121729	11/5/2020	True Value	\$ 53.65
121730	11/5/2020	Public Employees' Benefits Program	\$ 870.23
121731	11/5/2020	Purchase Power / Pitney Bowes	\$ 359.94
121732	11/5/2020	NV Energy	\$ 187.29
121733	11/5/2020	Southwest Gas Corporation	\$ 41.17
121734	11/5/2020	Champion Chevrolet	\$ 38,037.25
121735	11/5/2020	Xerox Financial Services	\$ 164.44
121736	11/5/2020	Desert Engineering	\$ 319.66
121737	11/5/2020	Lillard & Clark Construction Company, Inc.	\$ 30,775.00
121738	11/5/2020	Yerington Ready Mix	\$ 403.26
121739	11/12/2020	AT&T	\$ 153.81
121740	11/12/2020	John Deere Credit	\$ 5.16
121741	11/12/2020	O'Reilly Automotive, Inc.	\$ 176.73
121742	11/12/2020	Reno Gazette Journal	\$ 255.32
121743	11/12/2020	NV Energy	\$ 72.53
121744	11/12/2020	Alhambra	\$ 237.62
121745	11/12/2020	Wells Fargo Card Services Payment Remittance Center	\$ 1,956.70
121746	11/12/2020	White Cap Construction Supply	\$ 1,609.80
121747	11/12/2020	CALM Water Control Co., LLC	\$ 6,357.00
121748	11/12/2020	Sam Ward	\$ 3,300.00
121749	11/12/2020	Sierra Office Solutions	\$ 176.64
121750	11/12/2020	Yerington Ready Mix	\$ 3,855.60
121751	11/12/2020	Verizon Wireless	\$ 442.76
121752	11/19/2020	Giom, Inc.	\$ 372.26
121753	11/19/2020	Sticks and Stones Buildings Material Inc	\$ 2,904.37
121754	11/19/2020	NAPA AUTO & TRUCK PARTS	\$ 233.48
121755	11/19/2020	Lyon County Recorder	\$ 53.75
121756	11/19/2020	MF Barcellos	\$ 2,444.90
121757	11/19/2020	Quill	\$ 412.98
121758	11/19/2020	Vision Service Plan - Nevada	\$ 186.05
121759	11/19/2020	City of Yerington	\$ 151.67
121760	11/19/2020	Charter Communications	\$ 226.51
121761	11/19/2020	Truckee Tahoe Lumber Co.	\$ 3,186.10
PAYROLL		NOVEMBER PAYROLL	\$ 34,766.14
Total Bills & Payroll			\$ 138,545.41

Wells Fargo Breakdown

Statement 10/23/20

\$	107.70	Amazon.com- work gloves	
\$	149.90	Zoom- annual fee	
\$	300.00	Mason Valley Quicknet- monthly server maintenance fee	
\$	111.00	Amazon.com-safety glasses	
\$	214.12	Lowe's- chop saw	
\$	12.50	Microsoft.com Monthly Fee- Saroni	Billed to Saroni
\$	12.50	Microsoft.com Monthly Fee- High	Billed to High
\$	12.50	Microsoft.com Monthly Fee- Campbell	Billed to Campbell
\$	12.50	Microsoft.com Monthly Fee- W Hyland	Billed to W Hyland
\$	12.50	Microsoft.com Monthly Fee- Plymouth	Billed to Plymouth
\$	12.50	Microsoft.com Monthly Fee- Greenwood	Billed to Greenwood
\$	12.50	Microsoft.com Monthly Fee- Mickey	Billed to Mickey
\$	12.50	Microsoft.com Monthly Fee- River Simpson	Billed to River Simpson
\$	12.50	Microsoft.com Monthly Fee- Joggles	Billed to Joggles
\$	12.50	Microsoft.com Monthly Fee- SAB	Billed to SAB
\$	12.50	Microsoft.com Monthly Fee- Hall	Billed to Hall
\$	12.50	Microsoft.com Monthly Fee- Nichol Merritt	Billed to Nichol Merritt
\$	12.50	Microsoft.com Monthly Fee- Colony	Billed to Colony
\$	12.50	Microsoft.com Monthly Fee- USBWC	Billed to USBWC
\$	25.00	Microsoft.com Monthly Fee- Office	
\$	58.50	Amazon.com- battery cables	
\$	61.60	Amazon.com- circuit breaker switch	
\$	7.28	Amazon.com- battery cable ends	
\$	45.98	Amazon.com- SD memory card	
\$	66.34	1and1.com Monthly Fee	Billed to NFWF Grant
\$	66.33	1and1.com Monthly Fee	
\$	14.99	Adobe.com Monthly Fee	
\$	7.82	Amazon.com- battery cable ends	
\$	279.98	Amazon.com- outdoor camera	
\$	117.99	Amazon.com- outdoor camera	
\$	42.99	Amazon.com- PoE Ethernet switch	
\$	104.18	Wells Fargo Fees	
\$	1,956.70		

Jessica Halterman

From: Wyatt Fereday <wfereday@water.nv.gov>
Sent: Monday, November 30, 2020 1:07 PM
To: Jessica Halterman
Subject: RE: WRID December 7 2020 Meeting Agenda

Hi Jessica, here's my update for the meeting:

Kerry collected water levels last week in smith and mason.

2020 fall groundwater levels (change from fall 2019):

Mason avg.: down 6.91'

Smith avg.: down 11.27'

We will do a final meter check in January for the annual Pumpage inventory. No November pumping update since the October numbers.

Thanks.

Wyatt Fereday

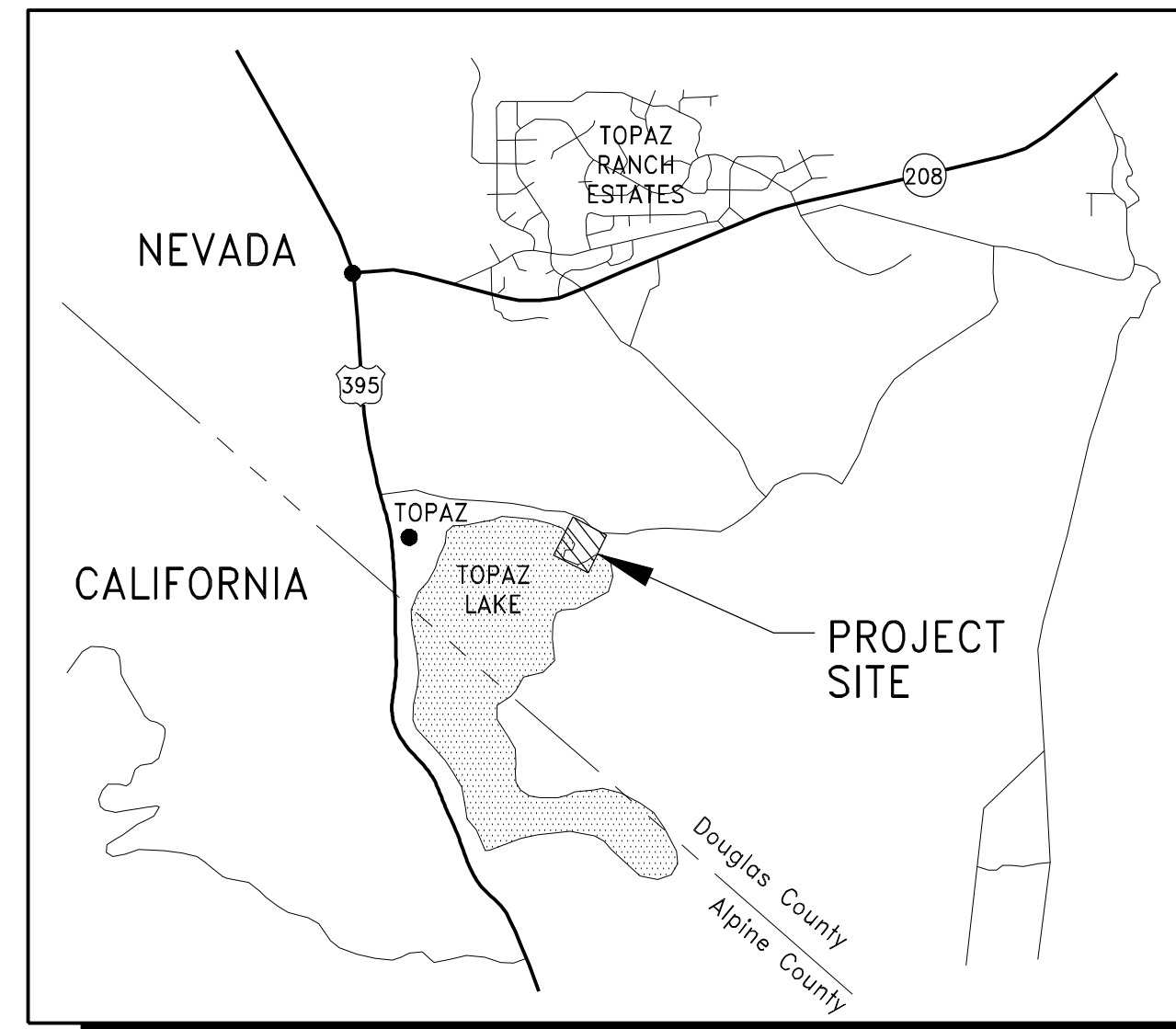
Water Resources Specialist
Nevada Division of Water Resources
Department of Conservation and Natural Resources
901 S. Stewart St., Suite 2002
Carson City, NV 89701
wfereday@water.nv.gov
(O) 775-684-2832 | (F) 775-684-2811

From: Jessica Halterman <Jessica@wrid.us>
Sent: Monday, November 30, 2020 12:31 PM
To: Antonio Fuentes (afuentes@christopherranch.com) <afuentes@christopherranch.com>; Bentley Regehr <bregehr@mono.ca.gov>; Bert Bryan <bert@wrid.us>; Bill Botelho (dragracer_2004@hotmail.com) <dragracer_2004@hotmail.com>; Bynum Jackson <bynum.jackson@outlook.com>; Chad Walling <cwalling@water.nv.gov>; Craig Stevens (craig@deserteng.com) <craig@deserteng.com>; Dale Borsini <daleborsini@hdiss.net>; Dale Ferguson <DFerguson@woodburnandwedge.com>; Darrell Pursel <darrellpursel@gmail.com>; Dash Hibbard <dash.hibbard@walkerbasin.org>; David Giorgi <davegiorgisr@gmail.com>; David LaMorte <delta8zulu@yahoo.com>; David Little <dmlittle55@yahoo.com>; Dean Heller <hellerfamily70@sbcglobal.net>; 'Dennis Acciari <lindaacciari@gmail.com>; Donnette Huselton <donnettebooks@gmail.com>; Ed Ryan <paul.ryan@nv.nacdn.net>; Ed Stockton <mizfitz2011@yahoo.com>; FIM Corporation <fimcorporation@gmail.com>; Gary Garms <gltdsv@yahoo.com>; Gary Goode <g_godde@msn.com>; Gaye <gaye14760@live.com>; George <gpfgeorge@aol.com>; George Lindesmith <george@summitnv.com>; Gordon DePaoli <gdepaoli@woodburnandwedge.com>; Greg Hunewill <greghunewill@gmail.com>; Hannah Weber <hannah.weber@outlook.com>; Isaac Metcalf <imetcalf@ndow.org>; Jason Canger <jcanger@mono.ca.gov>; Jeff Bryant <Jeff.Bryant@walkerbasin.org>; Jeff Rife <jrife@rifetilva.com>; Jessica Halterman <Jessica@wrid.us>; Jim Snyder <jsnyder.slcnv@icloud.com>; Joanne Sarkisian <joanne@usbwc.org>; John & Rita Evasovic <ritaevasovic@aol.com>; John Leach <jshomework@yahoo.com>; John Markey <johndmarkey@hotmail.com>; John Peters <jpeters@mono.ca.gov>; Judy Harker <judhrkr@gmail.com>; Katherine Godbey <kkgodbey@msn.com>; Kris Leinassar <kleinassar@icloud.com>; Laura Patten <laura.patten@walkerbasin.org>; Law <counsel@water-law.com>; Louie Scatena <scatena1@msn.com>; Lupe Wagner <lupe@wrid.us>; Marcus Masini <marcus@masiniranches.com>; Matt &

IMPROVEMENT PLANS FOR
DOUGLAS COUNTY
PARKS AND RECREATION DEPARTMENT
TOPAZ LAKE BOAT RAMP IMPROVEMENTS
 DOUGLAS COUNTY, NEVADA



OWNER:
 DOUGLAS COUNTY
 PARKS AND RECREATION DEPARTMENT
 1329 Waterloo Lane, Lampe Park
 Gardnerville, NEVADA 89410

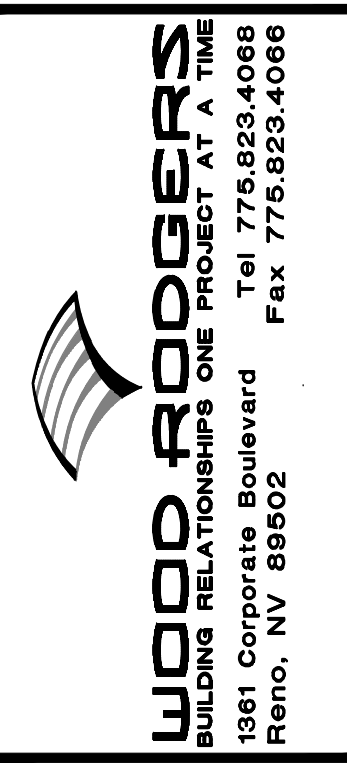


SITE PLAN
 N.T.S.

DESIGN ENGINEER:

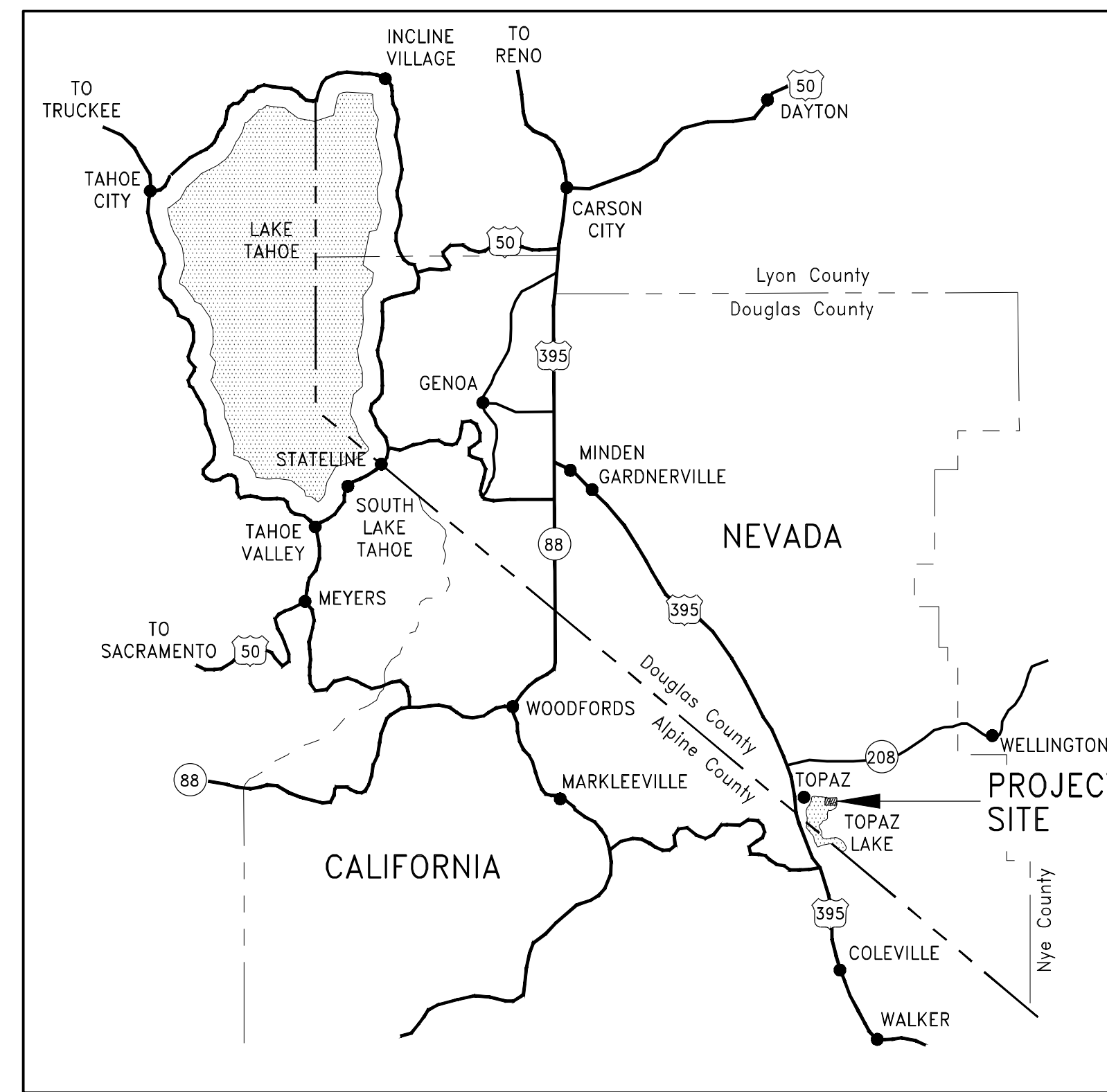
WOOD RODGERS
 BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
 1961 Corporate Blvd Reno, NV 89502 Tel 775.823.4088
 Fax 775.823.4086

DATE: NOVEMBER 2019	SCALE: HINTS	NO.	DESCRIPTION	ENGR. NO.	DATE
	V:				
	DRAWN BY: TMS				
	DESIGNED BY: MAC				
	CHECKED BY: MAC				



SHEET INDEX

SHT No.	DWG ID	DRAWING DESCRIPTION
1	T1.0	TITLE
2	N1.0	NOTES, LEGEND AND ABBREVIATIONS
3	C1.0	SITE PLAN
4	D1.0	DETAILS



VICINITY MAP
 N.T.S.

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

UNAUTHORIZED CHANGES & USES: THE DESIGN CONSULTANT PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

2 working days
 Call before you Dig.
 1-800-227-2600

IMPROVEMENT PLANS FOR
TOPAZ LAKE
BOAT RAMP IMPROVEMENTS
 TITLE SHEET

PROJECT NO. 8063.015
 DRAWING T1.0
 SHT 1 OF 4

GRANT APPLICATION PACKAGE

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (ORANGE BOOK) LATEST EDITION INCLUDING ALL ADDENDA, REVISIONS, SPECIAL PROVISIONS AND THESE PLANS.
- THE CONTRACTOR SHALL PURSUE THE WORK IN A CONTINUOUS AND DILIGENT MANNER, CONFORMING TO ALL THE PERTINENT SAFETY REGULATIONS, TO INSURE A TIMELY COMPLETION OF THE PROJECT.
- ALL EXISTING UTILITY LOCATIONS, SIZES, AND DESCRIPTIONS AS SHOWN ON THESE DRAWINGS ARE FROM SURFACE OBSERVATIONS USED IN CONJUNCTION WITH AVAILABLE RECORDS, REFERENCE MAPS, DRAWINGS, AND VERBAL STATEMENTS SUPPLIED BY UTILITY COMPANIES, AND MAY NOT BE WHOLLY ACCURATE OR RELIABLE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WHICH MAY BE AFFECTED BY THE WORK TO OBTAIN ASSISTANCE IN THE LOCATION OF EXISTING MAINS AND SERVICE CONNECTIONS. THE CONTRACTOR SHALL ALSO CALL U.S.A. (800) 227-2600 PRIOR TO BEGINNING WORK. ANY DAMAGE TO UTILITIES CAUSED BY OPERATION OF THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, A LIST OF ALL UTILITY APPURTENANCES ENCOUNTERED DURING CONSTRUCTION INCLUDING LOCATION.
- SHOULD ANY PREHISTORIC OR HISTORIC REMAINS/ARTIFACTS BE DISCOVERED DURING SITE DEVELOPMENT, WORK SHALL TEMPORARILY BE HALTED AT THE SPECIFIC SITE AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- ALL DIMENSIONS AND DISTANCES ARE TO BACK FACE OF CURB, CURB RETURN, FACE OF BUILDING, FACE OF WALL, FLOW LINE, PROPERTY LINE, CENTER OF STRIPPING, CENTER LINE OF PIPE, OR END OF IMPROVEMENTS.
- THE CONTRACTOR SHALL, AT ALL TIMES DURING CONSTRUCTION, PROTECT FROM DAMAGE EXISTING IMPROVEMENTS ON AND AROUND THE SITE, INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB & GUTTER, SIDEWALK, LANDSCAPING, SIGNAGE, STORM & SANITARY SEWERS, AND ALL UTILITIES. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE REPAIR OF ANY IMPROVEMENTS (EXISTING OR PROPOSED) DAMAGED THROUGHOUT THE COURSE OF CONSTRUCTION. THERE SHALL BE NO DIRECT PAYMENT FOR THIS WORK UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THESE DRAWINGS AND THE CONDITIONS EXISTING IN THE FIELD. THE CONTRACTOR SHALL COMPARE ALL DRAWINGS AND VERIFY THE FIGURES BEFORE LAYING OUT THE WORK AND WILL BE RESPONSIBLE FOR ANY ERRORS WHICH MIGHT HAVE BEEN AVOIDED THEREBY. IF THE CONTRACTOR FAILS TO NOTIFY THE OWNER OR THEIR REPRESENTATIVE IN A TIMELY MANNER OF ANY APPARENT ERROR OR OMISSION ON THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING WORK INCORRECTLY DONE AT THE CONTRACTOR'S EXPENSE.
- PAYMENT FOR WORK SHOWN ON THESE PLANS EITHER SPECIFIED OR INFERRED, BUT NOT INCLUDED IN THE BID PROPOSAL SHALL BE CONSIDERED AS INCLUDED IN THE PRICE PAID FOR OTHER ITEMS OF WORK.
- EXISTING DRAINAGE FACILITIES SHALL BE KEPT IN SERVICE AT ALL TIMES DURING CONSTRUCTION.
- THE USE OF POTABLE WATER FROM THE PUBLIC WATER SYSTEM FOR CONSTRUCTION PURPOSES IS PROHIBITED.
- DURING THE ENTIRE DURATION OF THIS CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL IMPLEMENT STRINGENT DUST CONTROL MEASURES IN ACCORDANCE WITH THE TERMS OF THE APPROVED DUST CONTROL PERMIT AND DOUGLAS COUNTY HEALTH DEPARTMENT RULES AND REGULATIONS. THE CONTRACTOR IS REQUIRED TO SUPPRESS DUST AT ALL TIMES, 24 HOURS A DAY, SEVEN (7) DAYS A WEEK, REGARDLESS OF WHEN CONSTRUCTION ACTIVITIES ARE OCCURRING.

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		DRAIN MANHOLE
		SEWER MANHOLE
		DRAIN LINE AND SIZE
		CATCH BASIN
		SEWER LINE AND SIZE
		CLEAN OUT
		SEWER SERVICE
		WATER LINE AND SIZE
		RECLAIMED WATER LINE AND SIZE
		WATER LINE REDUCER
		WATER SERVICE
		RECLAIMED WATER IRRIGATION SERVICE
		WATER GATE VALVE
		FIRE HYDRANT
		AIR RELEASE VALVE
		FLUSH VALVE ASSEMBLY
		GAS, TELEPHONE OR ELECTRIC
		STREET LIGHT
		30" R1 SIGN (STOP)
		TRAFFIC SIGN AS NOTED
		CHAIN LINK FENCE
		CHAIN LINK GATE
		DRIVEWAY
		SIDEWALK RAMP
		PROPERTY LINE
		MONUMENT
		TREE TO BE REMOVED/RELOCATED
		SPOT ELEVATION
		WALL HEIGHTS TW=TOP OF WALL BW=BOTTOM OF WALL
		HEIGHT OF WALL

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE PAVEMENT
AVRV	AIR VACUUM RELIEF VALVE
BC	BEGIN CURVE
BM	BENCH MARK
BVC	BEGIN VERTICAL CURVE
BOW	BACK OF WALK
BW	BOTTOM OF WALL
CB	CATCH BASIN
CL	CENTER LINE
CONST	CONSTRUCT
CR	CURB RETURN
CT	COURT
DIP	DUCTILE IRON PIPE
SDMH	STORM DRAIN MANHOLE
DR	DRIVE
E	EAST
EC	END CURVE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EX	EXISTING
EXIST	EXISTING
EVC	END OF VERTICAL CURVE
FES	FLARED END SECTION
FG	FINISH GRADE ELEVATION
FH	FIRE HYDRANT
FL	FLOW LINE
FLG	FLANGE
FM	FORCE MAIN
FVA	FLUSH VALVE ASSEMBLY
GR	GRATE
GB	GRADE BREAK
GV	GATE VALVE
HP	HIGH POINT
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
JP	JOINT POLE
L	LEFT
LF	LINEAR FEET
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
N	NORTH
PCC	POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PIVC	POINT OF INTERSECTION VERTICAL CURVE
PL	PROPERTY LINE
PP	POWER POLE
R, R=	RADIUS
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
PRC	POINT OF REVERSE CURVATURE
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
RCW	RECLAIMED WATER
R	RIGHT
RW	RIGHT OF WAY
S	SOUTH
SE	SANITARY SEWER EASEMENT
SHT	SHEET
STA	STATION
SS	SANITARY SEWER SERVICE
SSMH	SANITARY SEWER MANHOLE
SW	SIDEWALK
T	TANGENT
TBC,TC	TOP BACK OF CURB
TYP	TYPICAL
TP	TELEPHONE POLE
TW	TOP OF WALL
W	WEST
WM	WATER MAIN

2 working days
Call before you Dig.

1-800-227-2600

IMPROVEMENT PLANS FOR
**TOPAZ LAKE
BOAT RAMP IMPROVEMENTS**
NOTES AND ABBREVIATIONS
DOUGLAS COUNTY
NEVADA

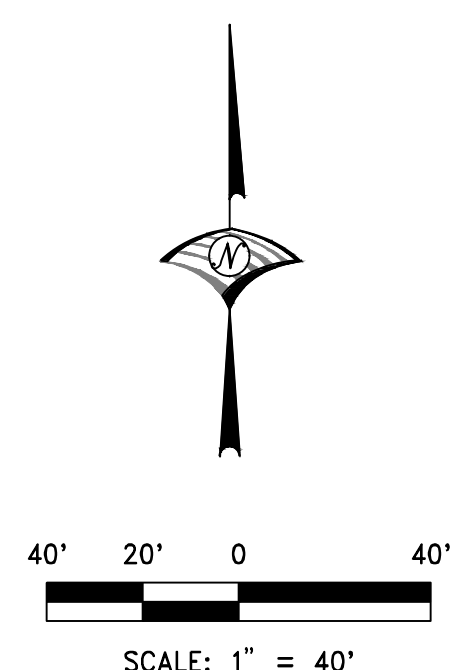
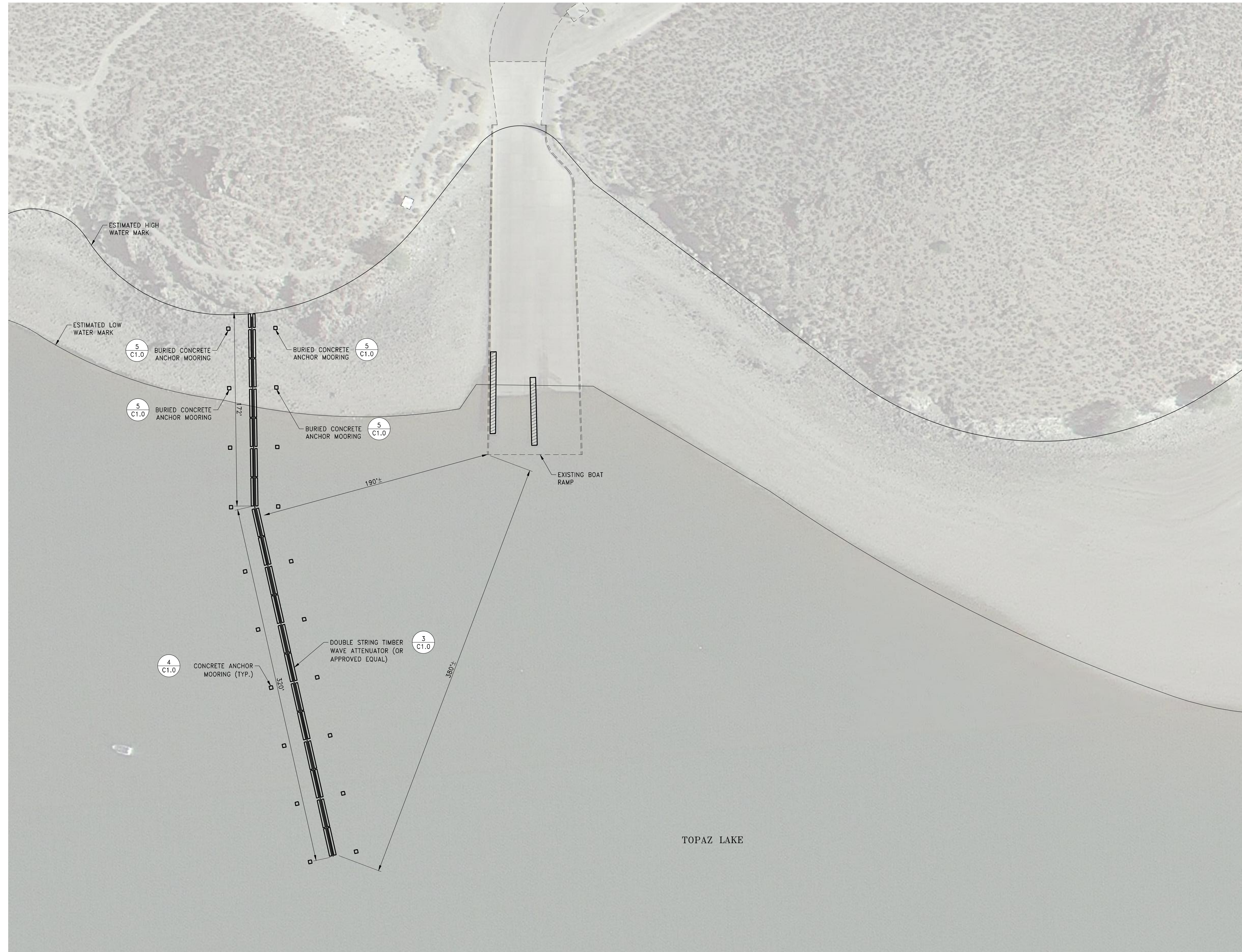
WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
1961 Corporate Boulevard
Reno, NV 89502
Tel: 775.823.4068
Fax: 775.823.4068

DATE: NOVEMBER 2019
SCALE: H:NITS
DRAWN BY: DAD
DESIGNED BY: MAC
CHECKED BY: MAC

NO.	DESCRIPTION	ENGR.	DATE

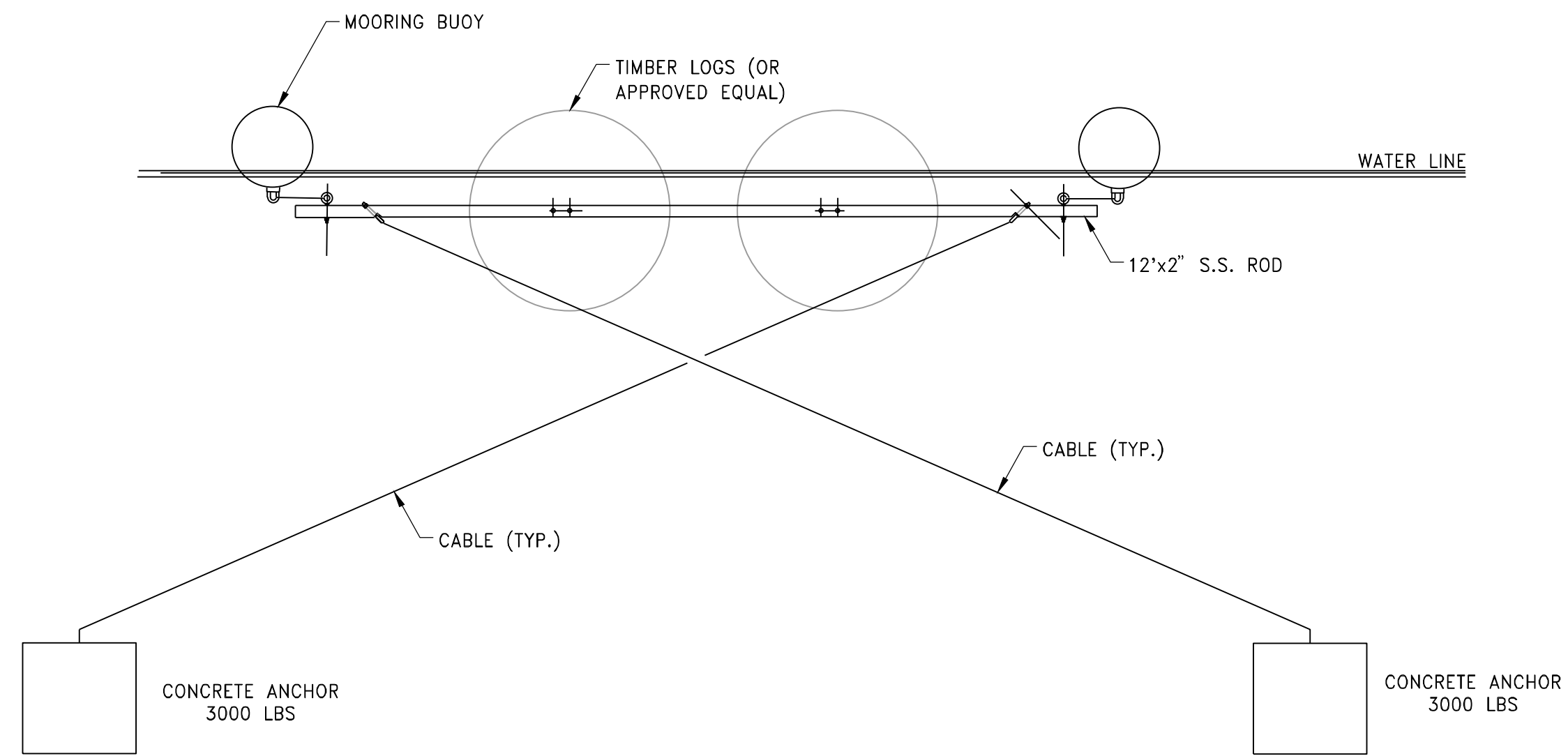
PROJECT NO.
8063.015
DRAWING
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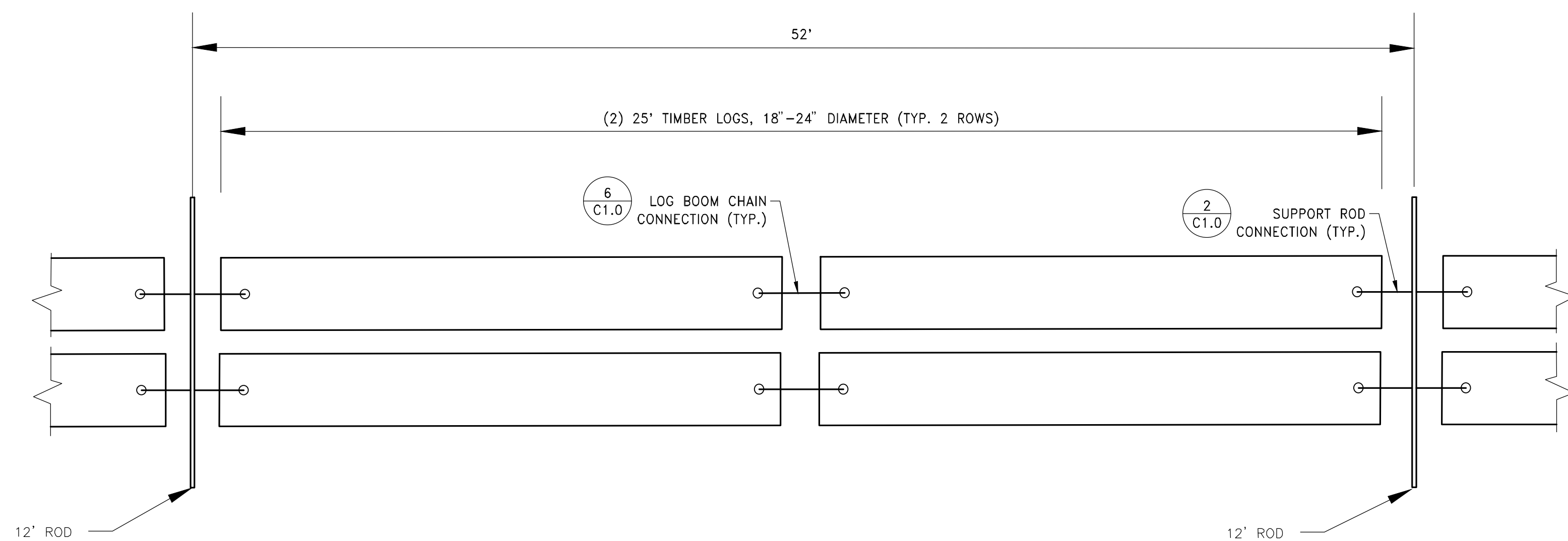


GRANT APPLICATION PACKAGE	
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WOOD RODGERS BUILDING RELATIONSHIPS ONE PROJECT AT A TIME 1961 Corporate Boulevard Reno, NV 89502 Tel 775.823.4088 Fax 775.823.4088	
IMPROVEMENT PLANS FOR TOPAZ LAKE BOAT RAMP IMPROVEMENTS SITE PLAN	
DOUGLAS COUNTY NEVADA	
PROJECT NO. 8063.015	
DRAWING C1.0	
SHT 3 OF 4	

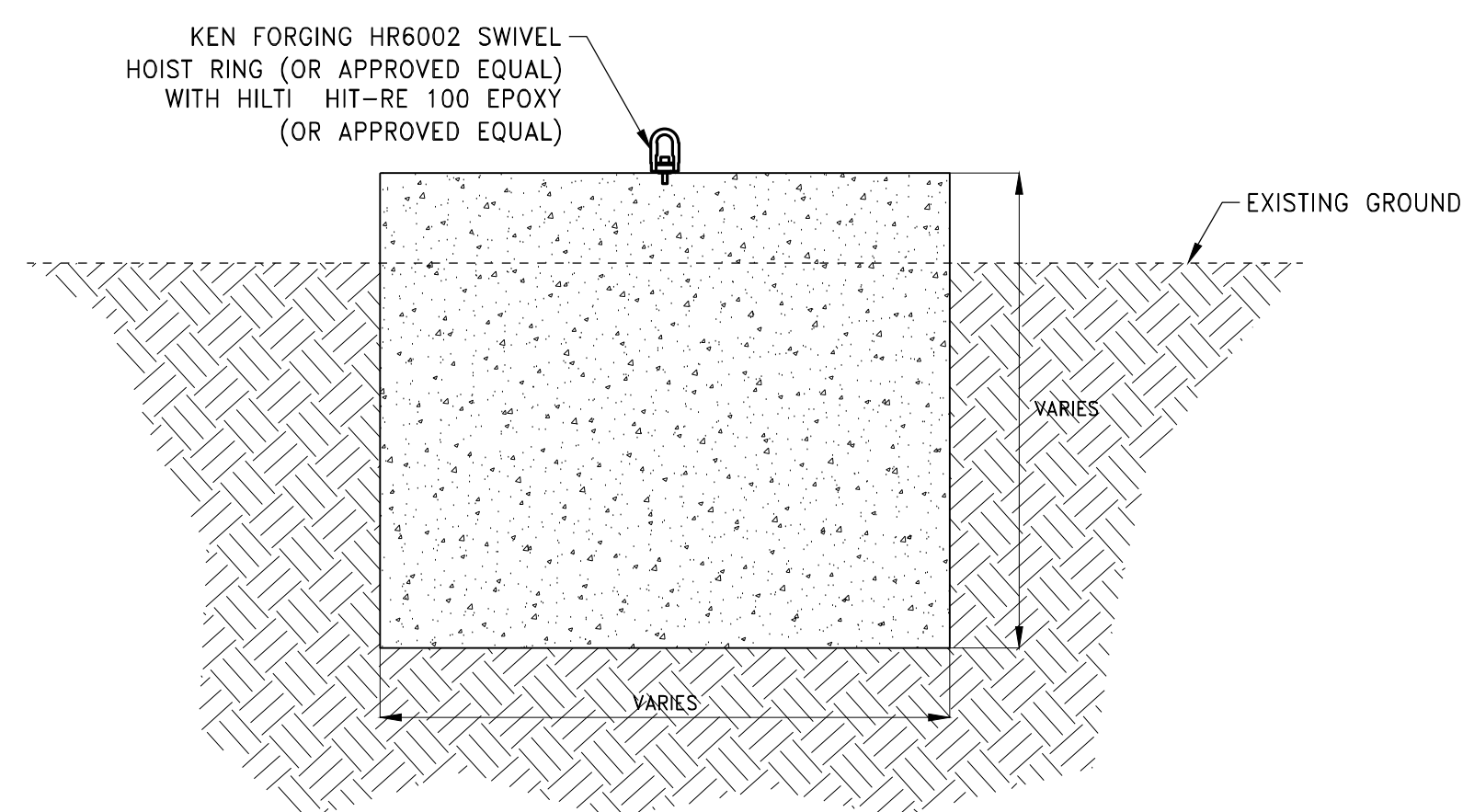
C:\Users\8863_Doug\Documents\Topaz BoatRamp\Aerial\Topaz BoatRamp.dwg 11/15/2019 11:10 AM Mike Davidson



1 TYPICAL ELEVATION
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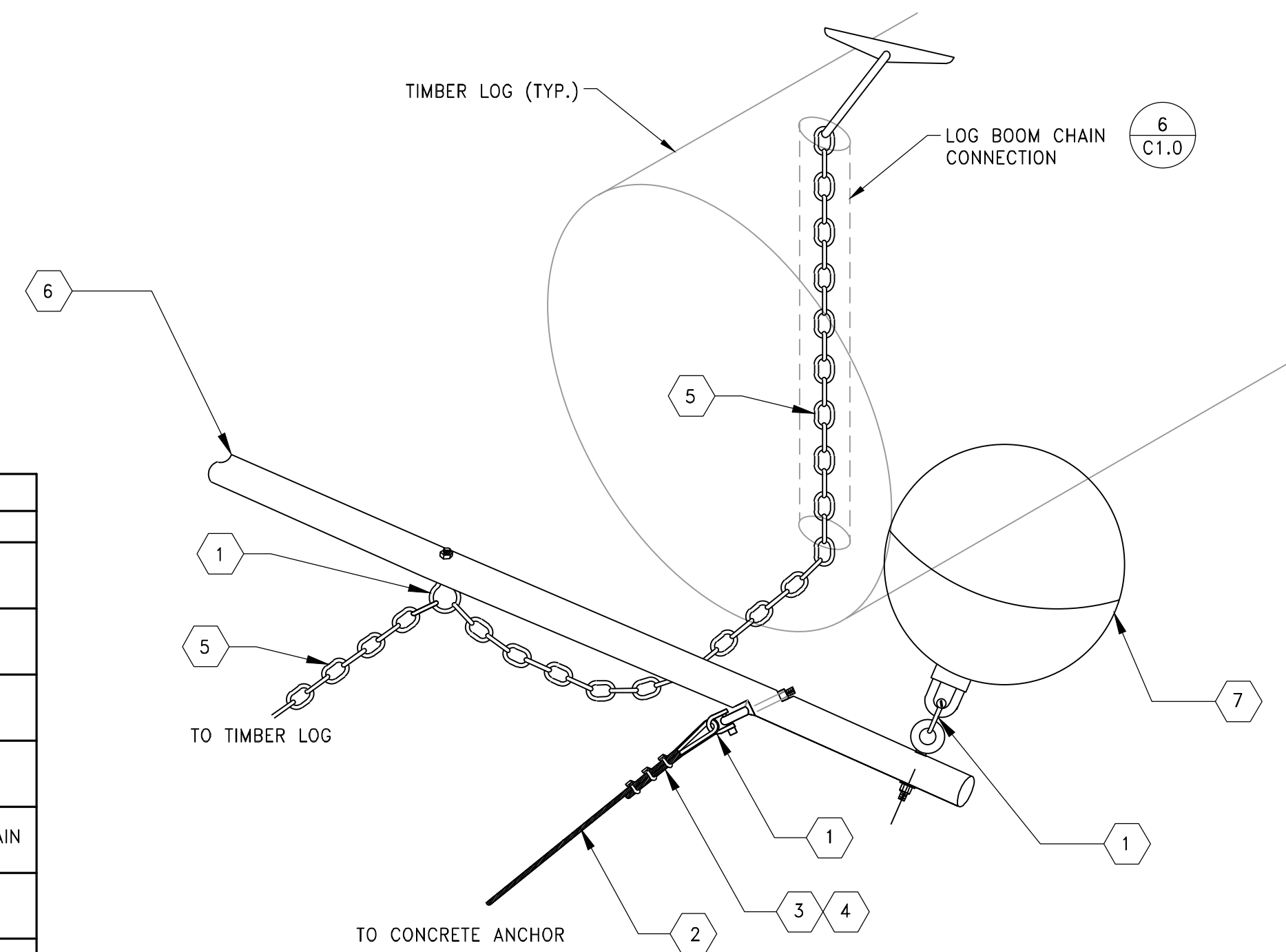


3 TYPICAL PLAN SECTION
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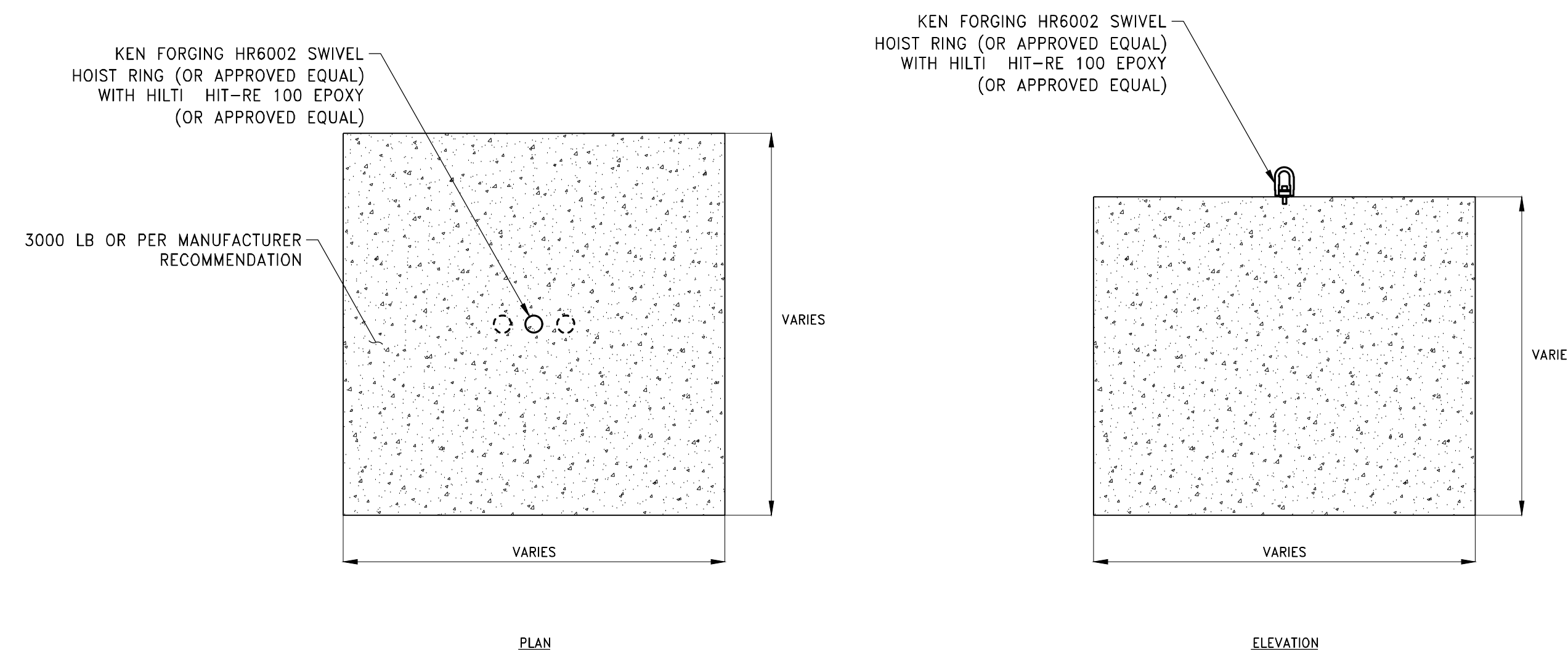


5 TYPICAL BURIED CONCRETE ANCHOR
C1.0 NOT TO SCALE

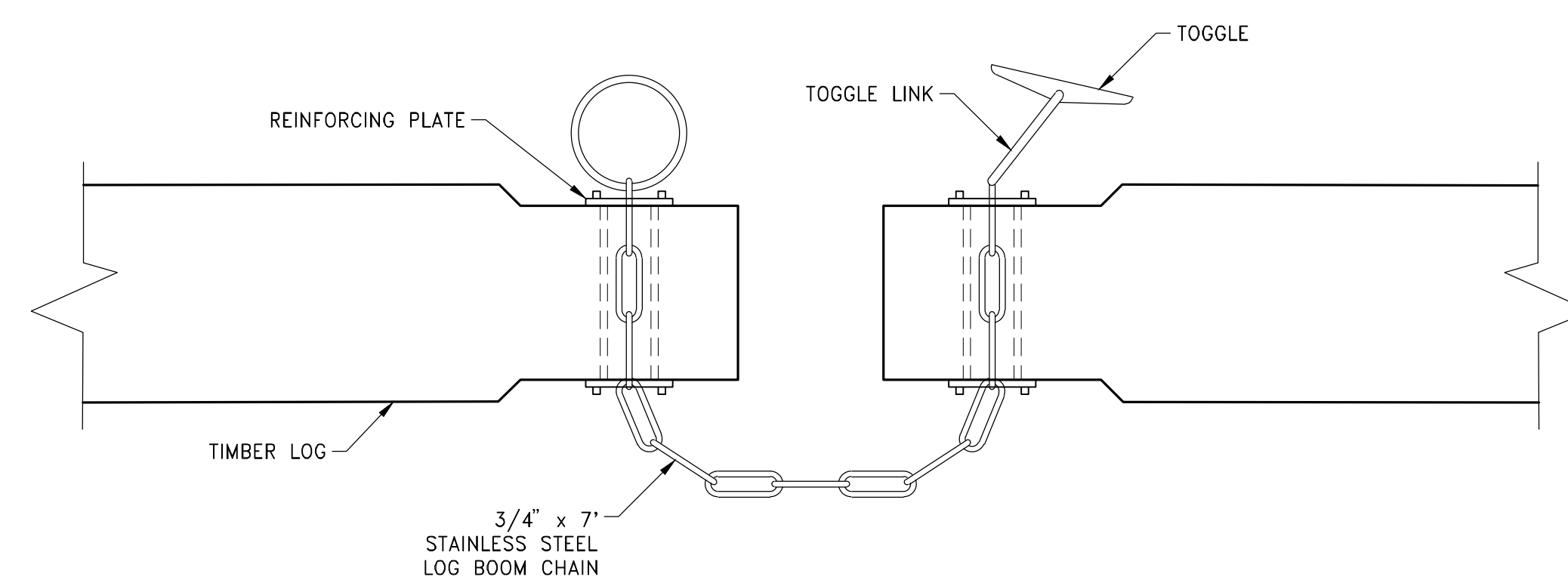
PARTS SCHEDULE	
ITEM	DESCRIPTION
①	1/2" STAINLESS STEEL BOW SHACKLE
②	1/2" STAINLESS STEEL CABLE
③	1/2" STAINLESS STEEL THIMBLE
④	1/2" STAINLESS STEEL WIRE ROPE CLIP
⑤	3/4" x 7' STAINLESS STEEL LOG BOOM CHAIN
⑥	12" STAINLESS STEEL 2" ANCHOR ROD
⑦	24" SUR-MOOR MOORING BUOY (OR APPROVED EQUAL)



2 TYPICAL SUPPORT ROD
C1.0 NOT TO SCALE



4 TYPICAL CONCRETE ANCHOR
C1.0 NOT TO SCALE



4 LOG BOOM CHAIN CONNECTION
C1.0 NOT TO SCALE

GRANT APPLICATION PACKAGE

NO.	DESCRIPTION	ENGR. NO.	DATE

DATE: NOVEMBER 2019	SCALE: NTS	DRAWN BY: DAD	DESIGNED BY: MAC	CHECKED BY: MAC
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NEVADA
DOUGLAS COUNTY
IMPROVEMENT PLANS FOR
TOPAZ LAKE
BOAT RAMP IMPROVEMENTS
DETAILS

PROJECT NO. 8063.015
DRAWING C1.0
SHT 4 OF 4

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