

Assessor's Parcel Number: N/A

Date: JANUARY 17, 2018

Recording Requested By:

Name: NIKKI SCHMIDT, PUBLIC WORKS

Address: _____

City/State/Zip: _____

Real Property Transfer Tax: \$ N/A



KAREN ELLISON, RECORDER

CHANGE ORDER NO 1 (#2018.007)
(Title of Document)

FILED

NO. 2018.007

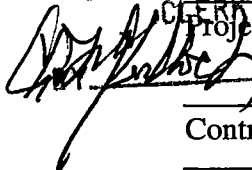
Change Order

No. 01

2018 JAN 17 AM 11:53
Date of Issuance: December 28, 2017

Effective Date: December 28, 2017

DOUGLAS COUNTY



Project: NVWWTP Effluent Storage Reservoir Repair Project	Owner: Douglas County	Owner's Contract No.: 2017-100
Contract: NVWWTP Effluent Storage Reservoir Repair Project	Date of Contract: July 6, 2017	
Contractor: Walter M. Lee dba Z7 Development	Engineer's Project No.: 2017-100	

The Contract Documents are modified as follows upon execution of this Change Order:

Description: Reconcile final quantities for Bid Item 4 Embankment Grading and Compaction and Bid Item 5 Embankment Fill. Authorize placement of 560 cubic yards of imported embankment fill authorized under Work Change Directive No. 1 for a negotiated cost of \$50.00 per cubic yard.

Attachments (list documents supporting change):

Exhibit A – Change Order No. 1 Summary, Exhibit B – Work Change Directive No. 1, Exhibit C Kleinfelder November 15, 2017 e-mail, and Exhibit C – December 18, 2017 e-mail confirmation of embankment fill load count.

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIMES:


Original Contract Price: \$399,950.00	Original Contract Times: <input type="checkbox"/> Working days <input checked="" type="checkbox"/> Calendar days Substantial completion: <u>December 6, 2017</u> Ready for final payment: <u>December 31, 2017</u>
Decrease from previously approved Change Orders No. <u>N.A.</u> to No.: <u>N.A.</u> \$0.00	[Increase] [Decrease] from previously approved Change Orders No. <u>N.A.</u> to No. <u>N.A.</u> : Substantial completion (days): <u>0</u> Ready for final payment (days): <u>0</u>
Contract Price prior to this Change Order: \$399,950.00	Contract Times prior to this Change Order: Substantial completion: <u>December 6, 2017</u> Ready for final payment: <u>December 31, 2017</u>
Increase of this Change Order: \$23,000.00	Increase of this Change Order: 36 calendar days Substantial completion: <u>January 11, 2018</u> Ready for final payment: <u>February 5, 2018</u>
Contract Price incorporating this Change Order: \$422,950.00	Contract Times with all approved Change Orders: Substantial completion: <u>January 11, 2018</u> Ready for final payment: <u>February 5, 2018</u>

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: 
Engineer (Authorized Signature)

By: 
Owner (Authorized Signature)

By: 
Contractor (Authorized Signature)

Date: 12/28/2017

Date: 01/11/2018

Date: 01/08/2018

Change Order

Instructions

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both.

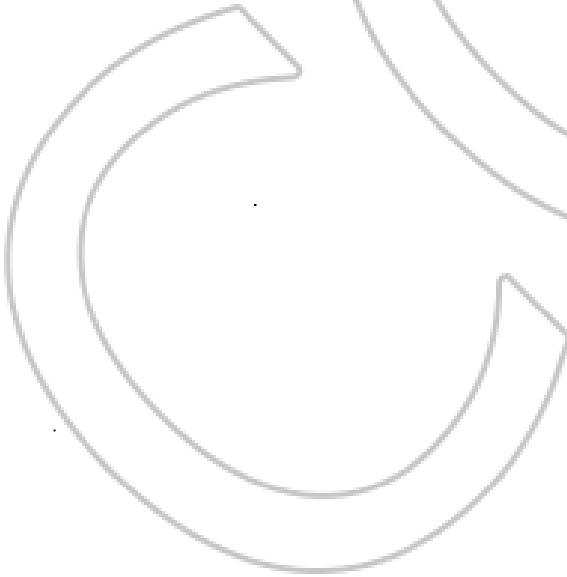
Once Engineer has completed and signed the form, all copies should be sent to Owner or Contractor for approval, depending on whether the Change Order is a true order to the Contractor or the formalization of a negotiated agreement for a previously performed change. After approval by one contracting party, all copies should be sent to the other party for approval. Engineer should make distribution of executed copies after approval by both parties.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.

NVWWTP Effluent Storage Reservoir Repair Project
Exhibit A - Change Order No. 1 Summary

This change order establishes final quantities for Bid Items 4 and 5 and authorizes placement of 560 cubic yards of imported embankment material as directed in Work Change Directive No. 1.

1. Bid Item 4 Embankment Grading and Compaction
 - a. Final quantity of 2,000 cubic yards per Kleinfelder's November 15, 2017 email.
 - b. No Change in contract cost.
2. Bid Item 5 Embankment Fill – final quantity is zero, and contract amount reduced by \$5,000.
3. Imported Embankment Fill per Work Change Directive No. 1
 - a. Final load count and quantity – 56 loads at 10 cubic yards per load for a total quantity of 560 cubic yards (see December 18, 2017 email).
 - b. Unit cost of \$50.00/cubic yard per Work Change Directive No. 1
 - c. Total cost = 560 cubic yards x \$50/cubic yard = \$28,000
4. Increase of this change order:
 - a. Bid Item 5: \$5,000 decrease
 - b. Work Change Directive No. 1 - Imported Embankment: \$28,000 increase
 - c. Total change order amount: \$23,000 increase



NVWWTP Effluent Storage Reservoir Repair Project
Exhibit B – Work Change Directive No. 1

COPY

Work Change Directive

No. 1

Date of Issuance: 11/14/17

Effective Date: 11/14/17

Project: NVWWTP Effluent Storage Reservoir Repair Project	Owner: Douglas County	Owner's Contract No.: 2017-100
Contract: NVWWTP Effluent Storage Reservoir Repair Project		Date of Contract: July 6, 2017
Contractor: Walter M. Lee dba Z7 Development		Engineer's Project No.: 2017-100

Contractor is directed to proceed promptly with the following change(s):

Item No.	Description
1	Bid Item 5 Embankment Fill – final quantity is zero, and contract amount reduced by \$5,000. This quantity will not be used for the project.
2	Imported Embankment Fill – See Attachment B

Attachments (list documents supporting change): Attachment A - Earthwork Quantity, Bid Item #4

Attachment B – Imported Embankment Fill Summary

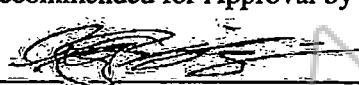

Purpose for Work Change Directive:

Authorization for Work described herein to proceed on the basis of Cost of the Work due to:

- Nonagreement on pricing of proposed change.
- Necessity to expedite Work described herein prior to agreeing to changes on Contract Price and Contract Time.

Estimated change in Contract Price and Contract Times:

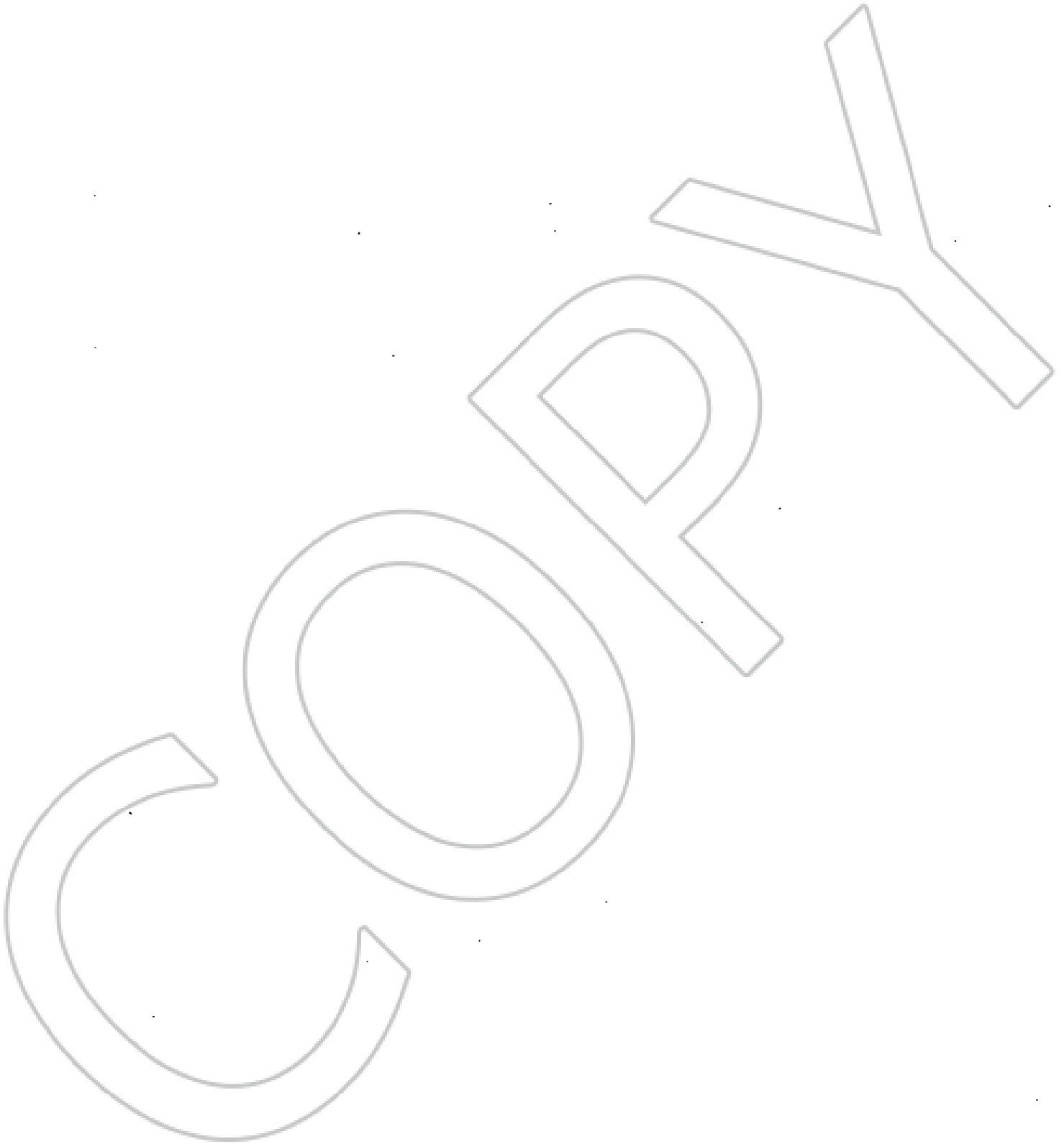
Contract Price \$30,000 (increase/decrease) Contract Time 10 (increase/decrease) days

Recommended for Approval by Engineer: 	Date 11/14/2017
Authorized for Owner by: 	Date 11-14-2017
Received for Contractor by:	Date
Received by Funding Agency (if applicable):	Date:

NVWWTP Effluent Storage Reservoir Repair Project
Attachment A - Imported Embankment Fill Summary. Authorize placement of up to 700 cubic yards of imported embankment fill for a unit cost of \$50/CY

1. Imported Embankment Fill

- a) After reshaping compacting existing embankment fill, there was a shortage of approximately 500 cubic yards (Exhibit A). This change order authorizes use of an on-site borrow area, preparation and restoration of the borrow and mixing areas, loading and trucking to a mixing location, moisture conditioning, moving the material to the embankment, and compacting the material in the embankment in accordance with the contract documents. The area of disturbance of the borrow area and mixing area shall be less than 1 acre.
- b) The general location of the borrow area is shown in Exhibit B. Upon completion of work, the borrow area shall be graded uniformly, slopes flattened, and material that was removed in clearing and grubbing shall be spread over the area and incorporated.
- c) Upon completion of work, the mixing area shall be graded uniformly and material that was removed in clearing and grubbing shall be spread over the area and incorporated.
- d) The cost for the imported embankment fill to complete the embankment to the lines and dimensions as shown on the contract drawings, and restoration of the borrow and mixing areas as described above will be based on a unit price of \$50/CY for material imported to the mixing area. This authorization is for up to 700 CY. Import in excess of this amount must be approved by the Engineer. Volume of import will be based on the number of 10CY truck loads and will be determined by the Engineer's representative with concurrence by Z7 on a daily basis.





Daily Field Report

Project Name: Douglas County North Valley Waste Water Treatment Plant Effluent Reservoir
Project No.: 20162778.003A Bldg. Permit No.: PWP-DO-2017-100
Project Address: 3001 Heybourne Road, Minden NV
Client: Douglas County Contractor: Z7 Development
Equipment Observed: Case 580 backhoe, Case 521 loader, Yanmar 55 mini excavator.
Weather: Clear, calm. Wind increasing in afternoon 30's to 60's
Reviewed By: _____ Date Reviewed: _____

Date: 11/2/17
DFR/Report No.: pah112117A
Time Arrived: 3 hr total
Time Departed: _____
Travel Time: 0.5
Mileage: 20 round from Genoa

Types of Tests/Observations

<input type="checkbox"/> AC Pavements	<input type="checkbox"/> Fabrication Plant	<input type="checkbox"/> Masonry	<input type="checkbox"/> Sample Pickup	<input type="checkbox"/> Other:
<input type="checkbox"/> Anchor Bolts	<input type="checkbox"/> Fireproofing	<input type="checkbox"/> Metal Decking	<input checked="" type="checkbox"/> Soil / Aggregate	
<input type="checkbox"/> Batch Plant	<input type="checkbox"/> Foundations	<input type="checkbox"/> Pre-Post Tension	<input type="checkbox"/> Steel Erection	
<input type="checkbox"/> Concrete	<input type="checkbox"/> HS Bolting	<input type="checkbox"/> Reinforcing Steel	<input type="checkbox"/> Welding	

Documents Referenced:

North Valley Wastewater Treatment Plan Effluent Storage Reservoir Repair Project, Kleinfelder, Timothy Williams Civil 2/1/2017 Rev 1

Observations/Remarks:

IR No.: n/a

Observations:

- 1) The Case 521 loader was taken away for repairs.
- 2) Z7 working on excavating the top anchor trench on top of the berm wall. Finding the spoils mixing to be unusable for slope fill.
- 3) I took rough measurements along the slope for the amount of fill will be needed to fill the slope to grade. I used a shovel handle placed parallel to the upper, original slope to help measure the fill depth required at the notch. My calculations are approximately 498 cu yards of imported fill to fill the slope to finish grade. Measurements on Additional notes and calculations on Sheet 2.

Locations:

North end of retention pond.

Also Onsite:

Walt Lee of Z7 Development. Josh Nordloh, Ron Roman of Dg County.

Notes:

No tests today.
Approx 498 yards of additional imported fill needed.

Report items comply Report items do not comply Report items comply with exceptions In Progress/Not Complete

Acknowledged by: _____

Representing: _____

Page 1 of 4

MAT-10 REV 5/08


Kleinfelder Representative Signature

Perry A. Hand

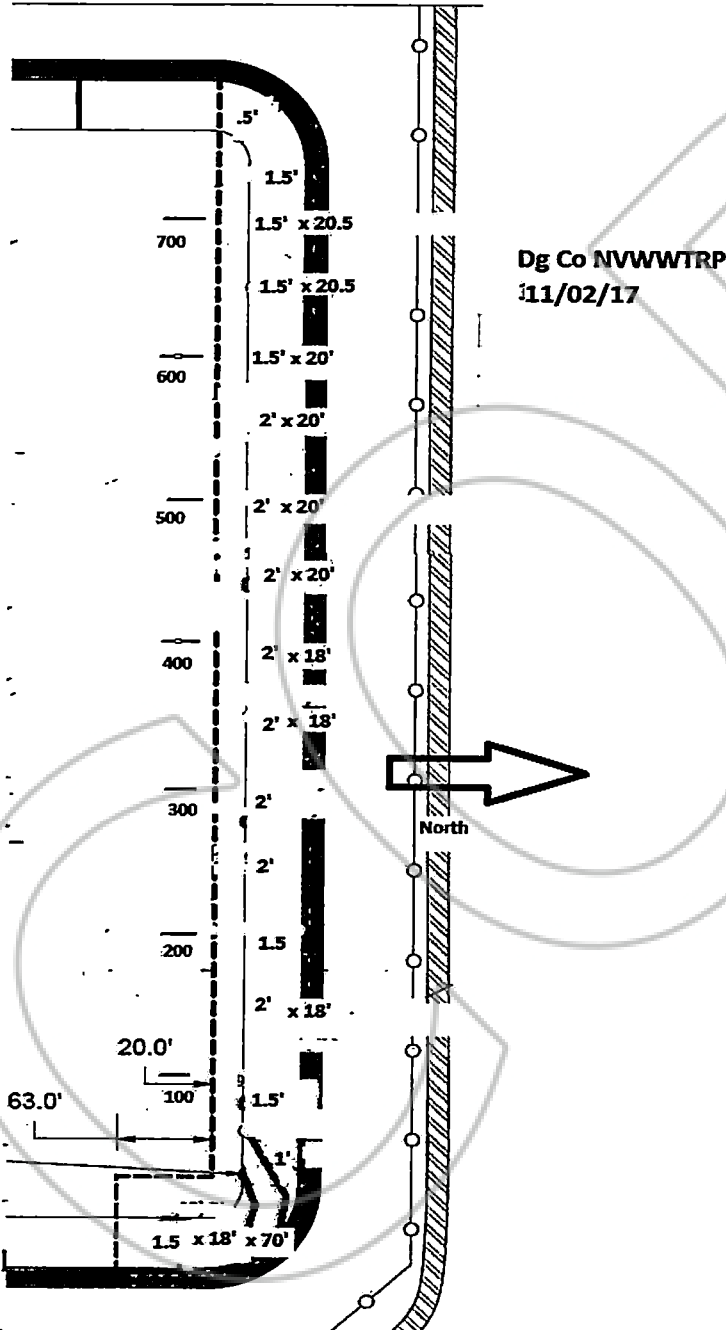
Kleinfelder Representative Print Name

Daily Field Report (DFR) (continued)

Project Name: Douglas County North Valley Waste Water Treatment Plant Effluent Reservoir
 Project No.: 20162778.003A Contractor Z7 Development
 Project Address: 3001 Heybourne Road, Minden NV
 Reviewed By: 0 Date Reviewed 1/0/00

Date: 11/2/17
 DFR/Report No. pah112117A
 Bldg. Permit No. PWP-DO-2017-100

Observations/Remarks:



Daily Field Report (DFR) (continued)

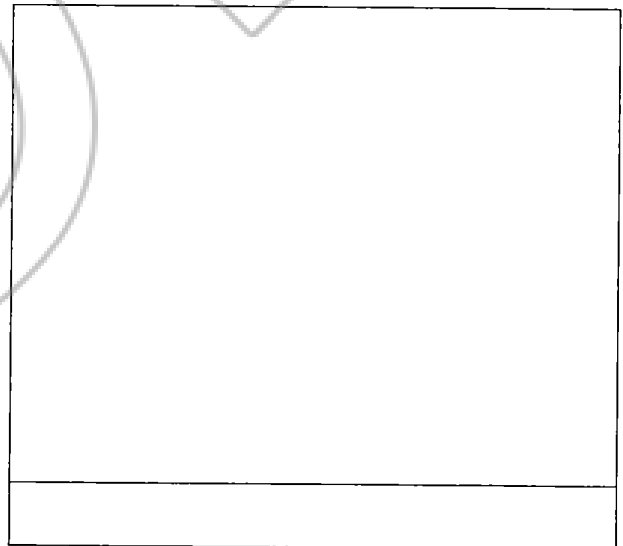
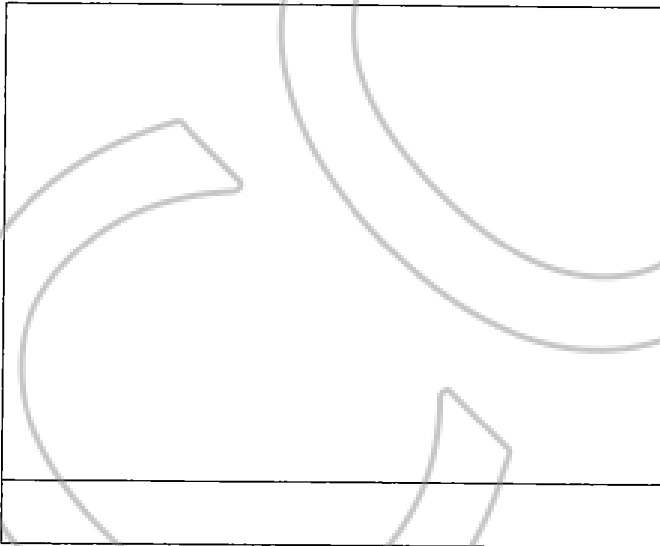
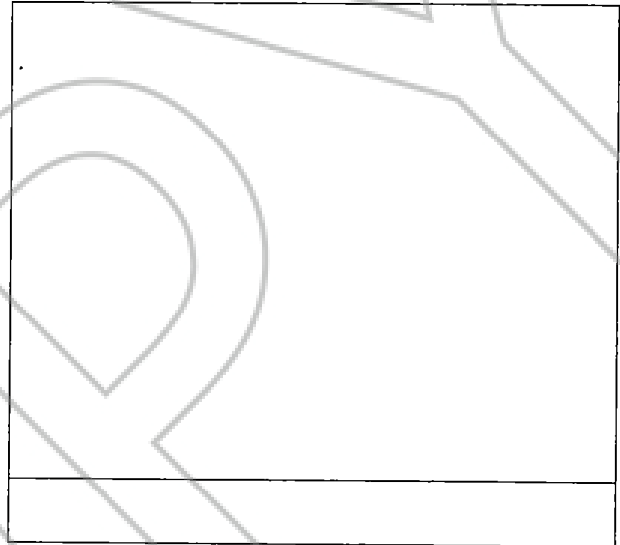
Project Name: Douglas County North Valley Waste Water Treatment Plant Effluent Reservoir
Project No.: 20162778.003A Contractor Z7 Development
Project Address: 3001 Heybourne Road, Minden NV
Reviewed By: 0 Date Reviewed 1/0/00

Date: 11/2/17
DFR/Report No. pah112117A
Bldg. Permit No. PWP-DO-2017-100

Observations/Remarks:



Over view of the site.



sta	distance ft	fill ft	toe to notch ft	cu ft	divide by 2 for triangular area	cu yd
East	70	1.5	18	1890	945	
50	50	1	18	900	450	
100	50	1.5	18	1350	675	
150	50	2	18	1800	900	
200	50	1.5	18	1350	675	
250	50	2	18	1800	900	
300	50	2	18	1800	900	
350	50	2	18	1800	900	
400	50	2	18	1800	900	
450	50	2	20	2000	1000	
500	50	2	20	2000	1000	
550	50	2	20	2000	1000	
600	50	1.5	20	1500	750	
650	50	1.5	20.5	1537.5	768.75	
700	50	1	20.5	1025	512.5	
770	70	1.5	20.5	2152.5	1076.25	
west	20	0.5	18	180	90	
summ	860				13442.5	497.9 498

498 cu yards approx to fill notch

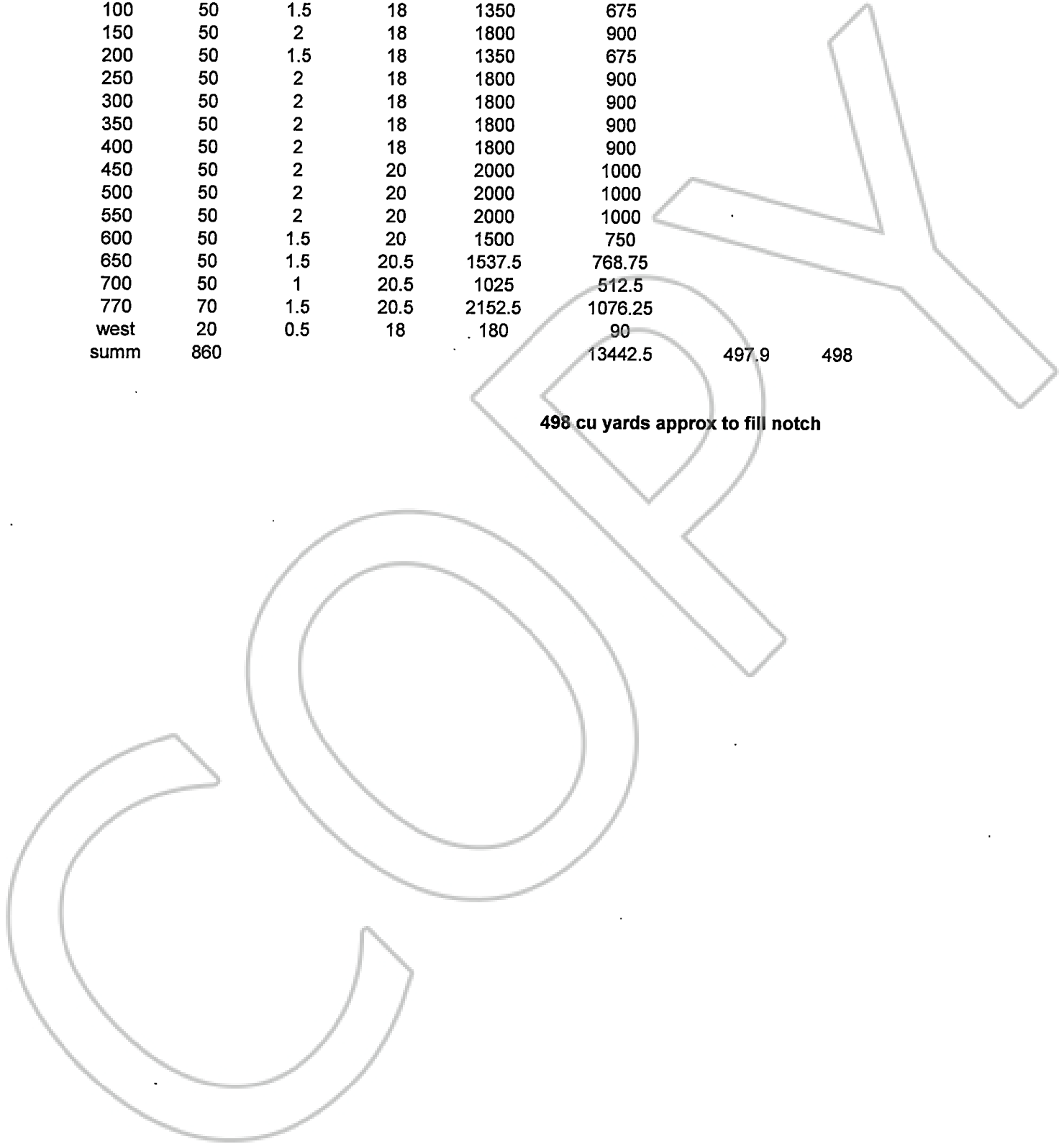
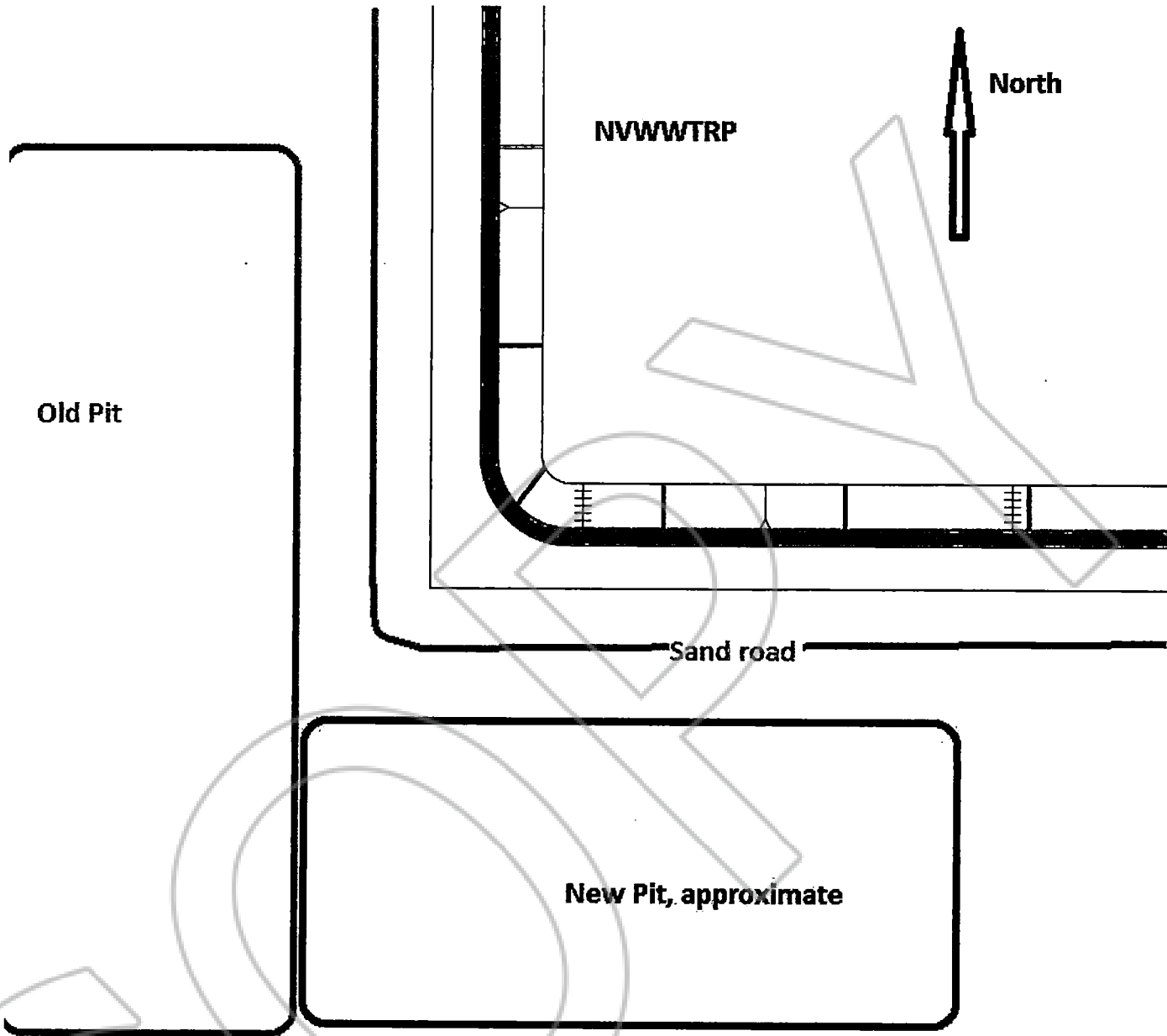
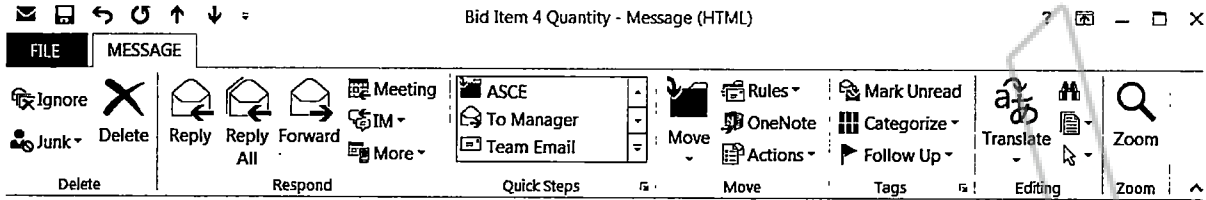


Exhibit B – Location of Borrow Area, Approximately 70' by 100'



NVWWTP Effluent Storage Reservoir Repair Project
Exhibit C – Kleinfelder November 15, 2017 E-mail



Wed 11/15/2017 9:41 AM

Tim Williams

Bid Item 4 Quantity

To 'z7development@gmail.com'; 'heatherwatkins41@yahoo.com'

Cc Roman, Ron; Edward Matthews

Walt,

I wanted to confirm our conversation from yesterday regarding the Bid Item 4 quantity. I compared the slope profile detail to the measurements the Perry took on the slope. The slope detail has a slope distance of 15 feet up from the toe and Perry measured 18 to 20.5 feet. Based on this, we agree that the original bid quantity of 2,000 cy for the embankment repair should not be changed.

Thanks,

Tim

Tim Williams, PE*, GE**
Principal Geotechnical Engineer
2882 Prospect Park, Suite 200
Rancho Cordova, California 95670
o | 916.366.1701 m | 916.416.8917
d | 916.366.2327 f | 916.366.7013
*California, Nevada **California



NVWWTP Effluent Storage Reservoir Repair Project
Exhibit D

December 17, 2017 E-mail and Embankment Fill Load Count and Final Quantity

Roman, Ron

From: heatherwatkins41@yahoo.com
Sent: Monday, December 18, 2017 5:09 PM
To: 'Tim Williams'; 'Walt Lee'; 'Perry Hand'; Roman, Ron; Nordloh, Joshua
Cc: 'Edward Matthews'; 'Bryan Webb'
Subject: RE: Import Fill total loads

Walt has confirmed that he has the same total number of loads. The information shown below matches Z7 Development records.

Thank you.

Heather R. Watkins
Z7 Development-Assistant
Phone: (775) 434-4064
Email: heatherwatkins41@yahoo.com

From: Tim Williams [<mailto:TWilliams@kleinfelder.com>]
Sent: Sunday, December 17, 2017 7:43 PM
To: heatherwatkins41@yahoo.com; 'Walt Lee' <z7development@gmail.com>; Perry Hand <PHand@kleinfelder.com>; Roman, Ron <RRoman@douglasnv.us>; 'Nordloh, Joshua' <JNordloh@douglasnv.us>
Cc: Edward Matthews <EMatthews@kleinfelder.com>; Bryan Webb <BWebb@kleinfelder.com>
Subject: FW: Import Fill total loads

Heather and Walt,

Here is the total loads I have so far. Please review and let me know if you have the same number.

Thanks,

Tim

From: Tim Williams
Sent: Sunday, December 17, 2017 7:31 PM
To: Tim Williams <TWilliams@kleinfelder.com>
Subject: total loads

Change Order 2 - Import Embankment Fill - Load Count Summary					
Date	Loads	CY/Load	Total	Cost/Yd	Total
14-Nov	9	10	90	\$ 50.00	\$ 4,500.00
15-Nov	21	10	210	\$ 50.00	\$ 10,500.00
16-Nov	0	10	0	\$ 50.00	\$ -
17-Nov	0	10	0	\$ 50.00	\$ -
20-Nov	0	10	0	\$ 50.00	\$ -
21-Nov	5	10	50	\$ 50.00	\$ 2,500.00
27-Nov	0	10	0	\$ 50.00	\$ -
28-Nov	0	10	0	\$ 50.00	\$ -
29-Nov	0	10	0	\$ 50.00	\$ -
30-Nov	0	10	0	\$ 50.00	\$ -
1-Dec	15	10	150	\$ 50.00	\$ 7,500.00
4-Dec	0	10	0	\$ 50.00	\$ -
5-Dec	0	10	0	\$ 50.00	\$ -
6-Dec	0	10	0	\$ 50.00	\$ -
7-Dec	0	10	0	\$ 50.00	\$ -
8-Dec	0	10	0	\$ 50.00	\$ -
11-Dec	0	10	0	\$ 50.00	\$ -
12-Dec	6	10	60	\$ 50.00	\$ 3,000.00
13-Dec	0	10	0	\$ 50.00	\$ -
14-Dec	0	10	0	\$ 50.00	\$ -
15-Dec	0	10	0	\$ 50.00	\$ -
	56		560	Total	\$ 28,000.00

Tim Williams, PE*, GE**
 Principal Geotechnical Engineer
 2882 Prospect Park, Suite 200
 Rancho Cordova, California 95670
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 d | 916.366.2327 f | 916.366.7013
 *California, Nevada **California



Douglas County State of Nevada

CERTIFIED COPY

I certify that the document to which this certificate is attached is a full and correct copy of the original record on file in the Clerk-Treasurer's Office on this

17th day of April 2018
 By [Signature] Deputy