

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Gravel Mitigation
Ha Ha Tonka State Park
Camdenton, Missouri
PROJECT NO.: X2116-01**

Bid Opening Date: 1:30 PM, Thursday, January 19, 2023 (Not Changed)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 329113 - Topsoiling and Finished Grading
 - a. REVISE Paragraph 3.3-C as follows:
 - C. Existing topsoil shall be salvaged to a 6" depth prior to performing earthwork and placement of temporary fill. Topsoil from off-site sources is not allowed and existing topsoil shall not be hauled off site. Stockpile topsoil in the construction staging area.
2. Section 329200 - Seeding, Sodding and Landscaping
 - a. REVISE Paragraph 3.2-E.1.a as follows:
 - a. Temporary seeding outside of the seasonal window shown in Table 2.2(1) shall be performed using Oats (*Avena sativa*), 85 PLS (Pure Live Seed pounds) per acre, or 3 bushels per acre.
 - b. DELETE Paragraph 3.2-E.1.b in its entirety.
3. ADD Appendix D - Grain Size Analysis Test Results (attached)

DRAWING CHANGES:

1. See attached drawings for revisions to Sheets C-101, C-103 and C-501
2. Sheet C-101
 - a. ADD the following Notes:

HAUL/ACCESS ROAD NOTES:

1. The existing asphalt path that will be utilized by contractor to access the excavation site (spring pool) is generally 9' wide with partial shoulders for a net top width of approximately 10'. The path narrows near station 27+00. The Contractor, at their discretion and cost, may temporarily widen the path up to a net 15' top width to facilitate access to the gravel excavation site (spring pool).

2. If the Contractor chooses to temporarily widen the path, the Contractor shall perform minor earthwork and tree removal on the south side (uphill side) of the path to accommodate the widening. Placing fill on the north side (creek side) of the path shall only be allowed at the existing rock outcropping near station 21+20.
3. 6" depth of topsoil shall be salvaged at all locations to receive temporary fill or in cut areas. The topsoil shall be stockpiled, covered and protected from erosion within the contractor's staging area. No topsoil shall be hauled off site or brought in from offsite sources.
4. The contractor may haul in clean quarry run rock to use as temporary fill including constructing a ramp or causeway into the spring pool at station 27+50. Offsite soil or river gravel shall not be hauled into the site. All hauled in quarry run rock shall be removed by the Contractor prior to the completion of the project.
5. An 8' wide concrete path shall be constructed generally in the same location as the existing 9' asphalt trail. The Owner may make slight trail alignment changes based on field review of the widening performed by Contractor.
6. Site restoration will consist of forms removal, removal of foreign materials hauled in, backfilling against the concrete trail for a smooth transition, grading the onsite soils to a 3:1 or flatter slope, placement of salvaged topsoil and seeding. Portions of the existing slopes are steeper than 3:1. The contractor is not required to flatten existing slopes however, leaving unstable slopes and slopes showing signs of erosion are unacceptable. Leaving hauled in rock rip rap on slopes is unacceptable.

GENERAL COMMENTS:

1. The Pre-bid Meeting was held January 4, 2023 at 10:30 AM. The Pre-bid Meeting sign-in sheet is attached.
2. Please contact Paul Girouard, Contract Specialist, at 573-751-4797 or Paul.Girouard@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.
3. The deadline for technical questions was Wednesday, January 11, 2023 at noon.
4. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
5. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
6. Current Plan holders list available online at <https://www.oafmdcplanroom.com/jobs/1618/plan-holders/x2116-01-gravel-mitigation-ha-ha-tonka-state-park>
7. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.
8. **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled including a bid amount for the alternate. Failure to do so will result in rejection of the bid.**
9. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a**

Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.

ATTACHMENTS:

1. Pre-bid Meeting Sign-In Sheet
2. Appendix D - Grain Size Analysis Test Results
3. Drawing C-101A
4. Drawing C-101B
5. Drawing C-103A
6. Drawing C-103B
7. Drawing C-501A

January 12, 2023

END OF ADDENDUM NO. 1

**Gravel Mitigation
Ha Ha Tonka State Park**

**Camdenton, MO
Project No. X2116
January 4, 2023**

Name & Title	Company Name	Phone	E-Mail Address
Eric Hibdon	OA FMDC	573-522-0322	Eric.Hibdon@oa.mo.gov
Blake	417 excavating		
DON WILHELM ^{GM}	417 EXC	417-294-1231	dwillhelm417@gmail.com
Jeremy Burch	CE CONTRACTING	573-760-4107	JJB@CECONTRACTINGINC.COM
Nolan Mueth	Dakota Matting & Environmental Solutions	618-420-1148	nolan.mueth@muethexcavation.com
Alan Willis	Dakota Matting	618 499 1606	Alan@Dakotamats.com
Wayne Smith owner	Tri Smith construction	816-809-7738	Tsmithmissouri@gmail.com
Will Rodgers	Halcomb Construction	916-533-2604	rodgers@halcombconstructionllc.com
Shannon Jenkins	Mesa Excavating	573-418-6755	Shannon@mesaexcavating.com
Stan Schultz	Faulkner Contracting Group	572-776-8736	sschultz@buildfcg.com
Bob Simpson	MO DNR-DSP	573-751-5380	robert.simpson@dnr.mo.gov
Eric Dove	HDR		eric.dove@HDR.com
Wes Weimer	HDR		wes.weimer@HDR.com

**Gravel Mitigation
Ha Ha Tonka State Park**

**Camdenton, MO
Project No. X2116
January 4, 2023**

Name & Title	Company Name	Phone	E-Mail Address
TERRY BRANSE P&D Director	DSP	573.751.5879	terry.branse@dnr.mo.gov
Alex Christensen	Lake Lawn & Landscaping	573-836-4219	laketawnlandscaping@gmail.com
Dustin Way	DW Pro Services	573-832-2366	Dwproservicesllc@gmail.com
Troy Wilken	O&A/FMDC	573-257-0615	
Brandon Dore	O&A-FMDC	573-469-8825	
Ryan King	DSP- Ha Ha Tonka	573-346-2986	ryan.king@dnr.mo.gov
M. B. Martin	Martin General Contractors	573-485-2107	AMARTIN@MARTIN-GC.COM
Bill Sullivan	Sullivan Excavation	573-384-5202	Sullivanfarmers@windstream.net
Patrick Sapp	S&H Equipment & Builders	573-825-7020	admin@saequipmentbuilders.com

June 3, 2021

Mr. Eric Dove, P.E.
HDR
2139 E. Primrose; Suite E
Springfield, Missouri 65804
Email: Eric.Dove@hdrinc.com


RE: Grain Size Analysis Test Results
HDR Project Number X2116-01
Gravel Mitigation, Ha Ha Tonka Spring
Camdenton, Missouri
PPI Project Number: 273660

Dear Mr. Dove:

Transmitted with this letter are the results of three (3) grain size analysis test results for the above-referenced Project. Samples were collected by HDR and delivered to PPI's Springfield, Missouri laboratory on May 27, 2021. Per HDR's instruction, grain size analysis was performed in general accordance with ASTM D6913. Hydrometer analysis was not performed.

Please call our Springfield, Missouri office at (417) 864-6000 if you have any questions regarding this transmittal or if you need anything else.

PALMERTON & PARRISH, INC.
By:


Rachel J. Goeke, P.E.
Geotechnical Engineer

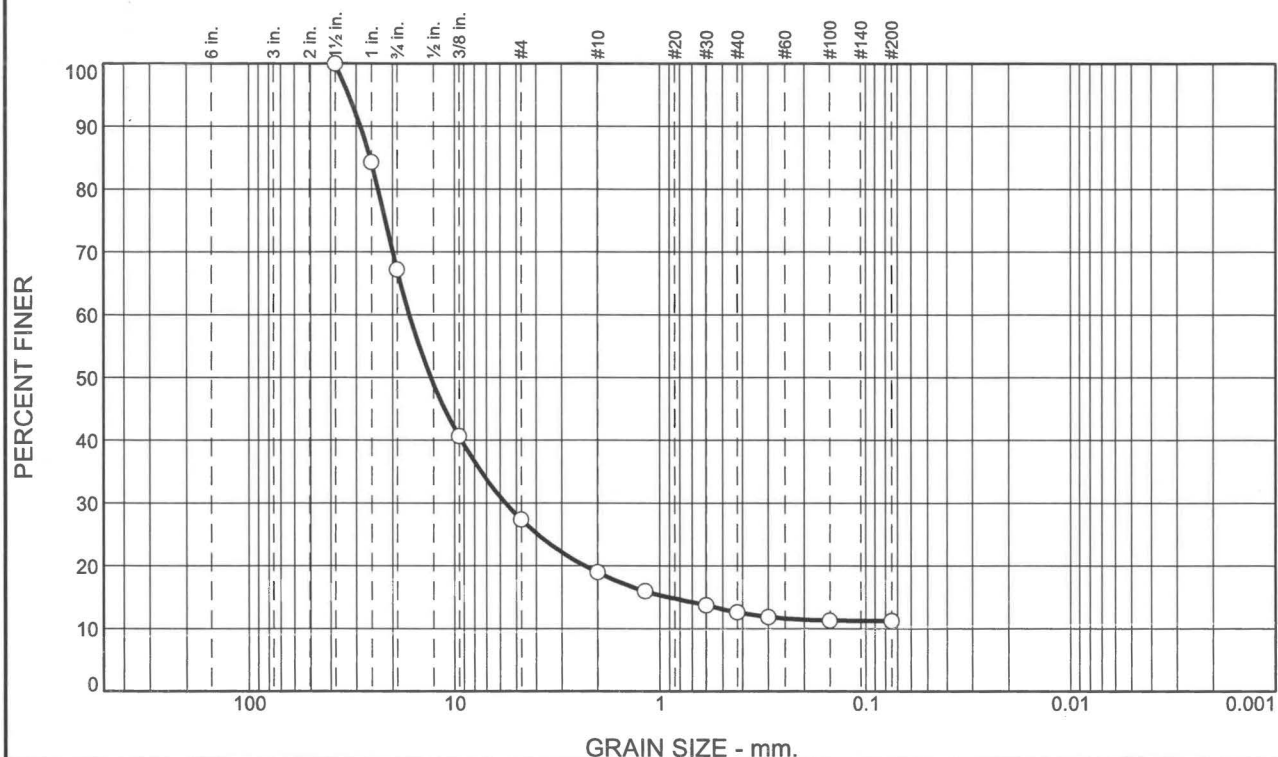
Encl.

Submitted: 1 Electronic (.pdf) Copy via Email: Eric.Dove@hdrinc.com

Copy: Mr. Neil Parks, P.E. (.pdf via email: Neil.Parks@hdrinc.com)

RJG/rjg

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	32.8	39.8	8.4	6.4	1.4	11.2	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1.5"	100.0		
1"	84.3		
0.75"	67.2		
.375"	40.7		
#4	27.4		
#10	19.0		
#16	16.0		
#30	13.8		
#40	12.6		
#50	11.9		
#100	11.3		
#200	11.2		

* (no specification provided)

Location: B-1

**PALMERTON
& PARRISH, INC.**
Springfield, MO

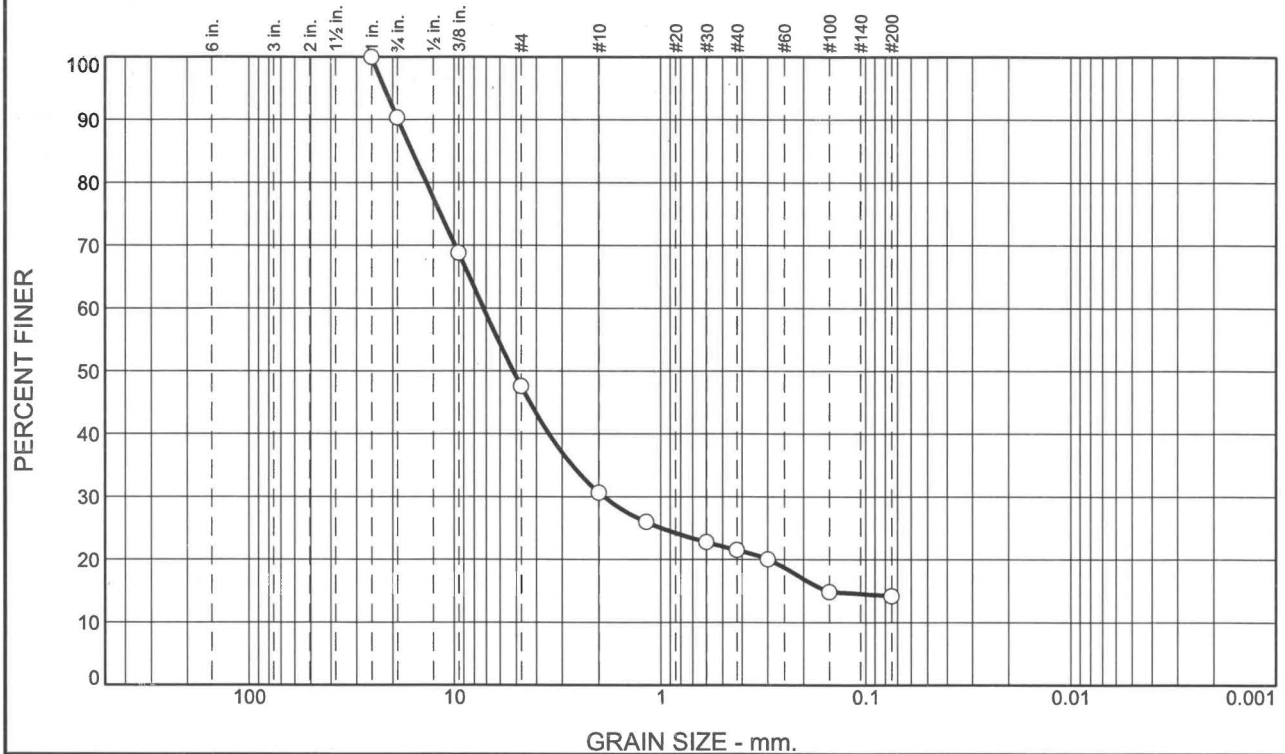
Client: HDR

Project: Ha Ha Tonka Spring // Gravel Mitigation
HDR Project #X2116-01

Project No: 273660

Figure 1

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	9.6	42.8	16.9	9.2	7.3	14.2	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1"	100.0		
0.75"	90.4		
.375"	68.8		
#4	47.6		
#10	30.7		
#16	26.0		
#30	22.8		
#40	21.5		
#50	20.1		
#100	14.9		
#200	14.2		

* (no specification provided)

Location: B-2

**PALMERTON
& PARRISH, INC.**
Springfield, MO

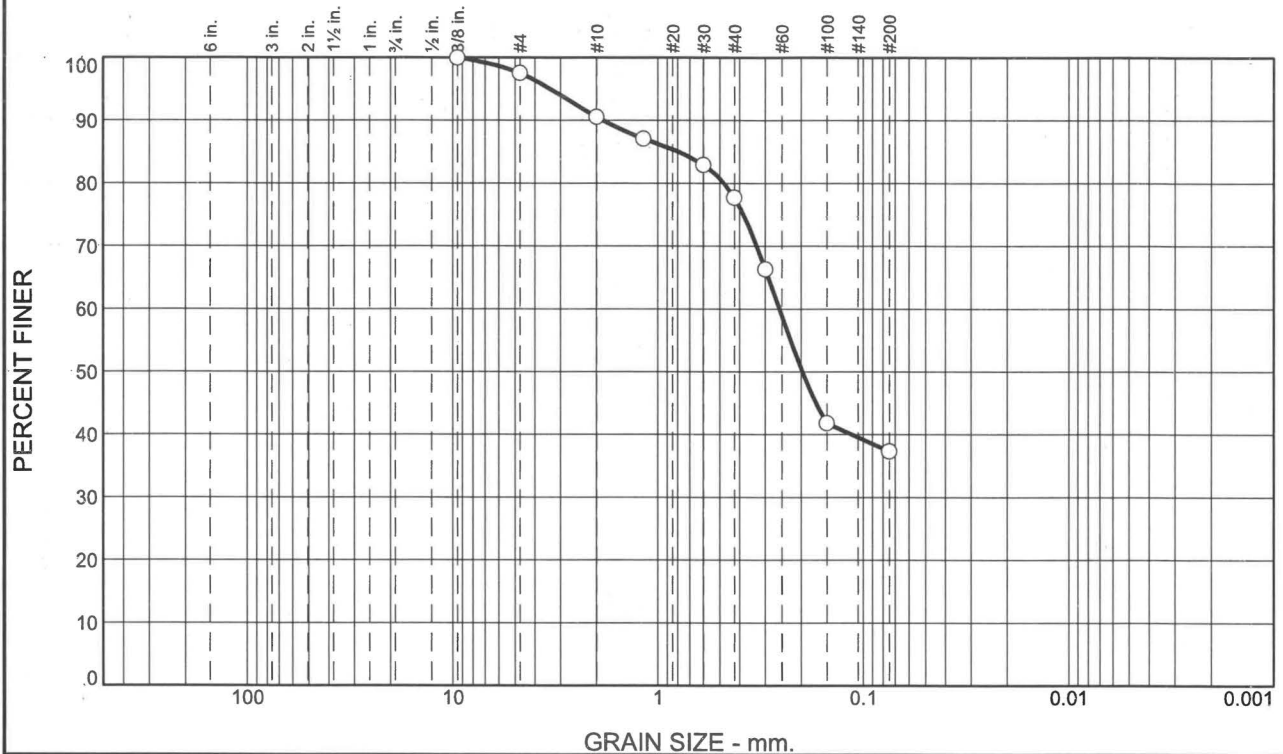
Client: HDR

Project: Ha Ha Tonka Spring // Gravel Mitigation
HDR Project #X2116-01

Project No: 273660

Figure 2

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	2.5	6.9	12.9	40.3	37.4	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
.375"	100.0		
#4	97.5		
#10	90.6		
#16	87.1		
#30	82.9		
#40	77.7		
#50	66.3		
#100	41.8		
#200	37.4		

* (no specification provided)

Location: B-3

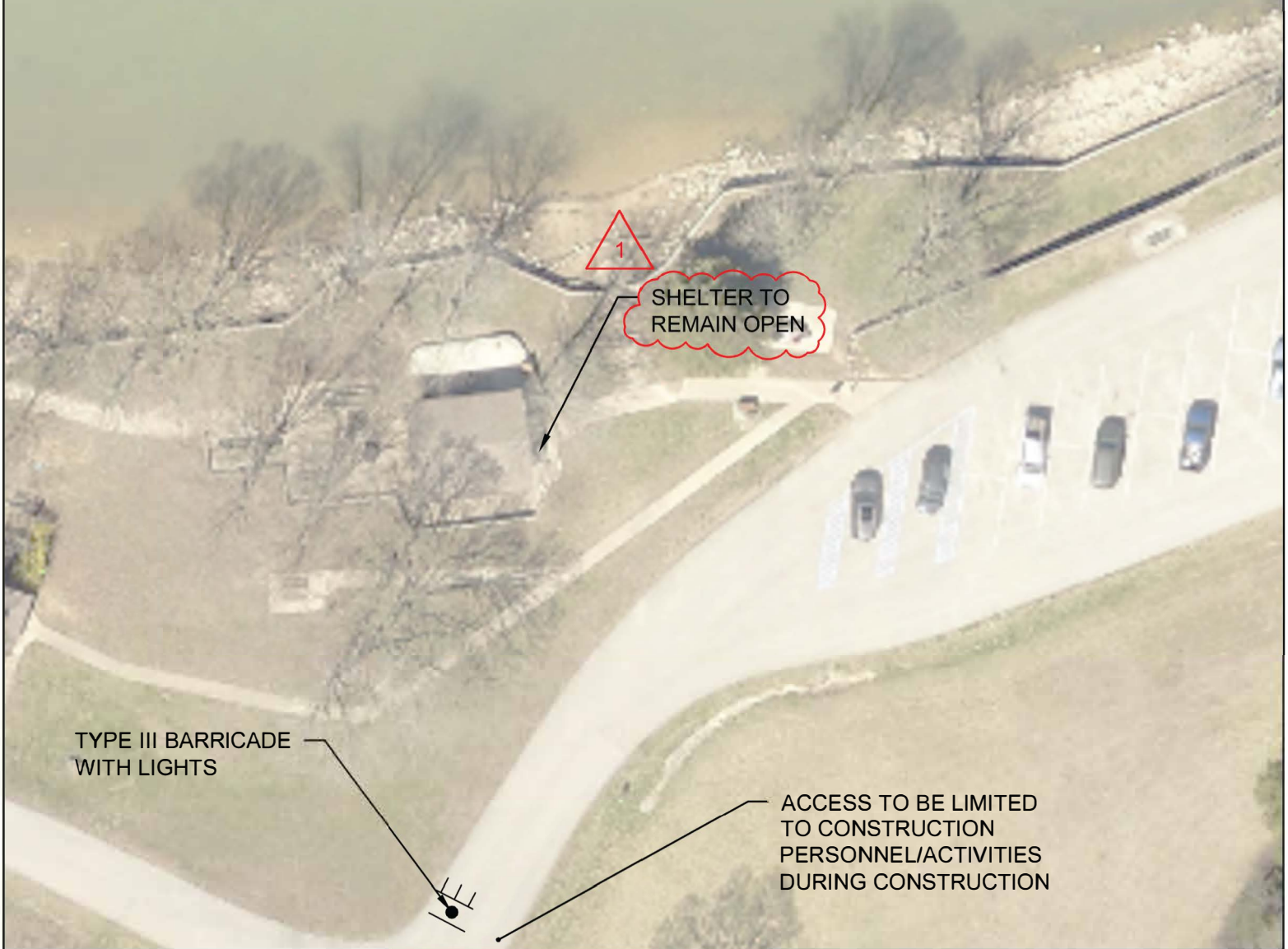
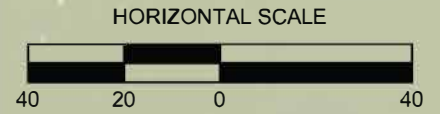
**PALMERTON
& PARRISH, INC.
Springfield, MO**

Client: HDR

Project: Ha Ha Tonka Spring // Gravel Mitigation
HDR Project #X2116-01

Project No: 273660

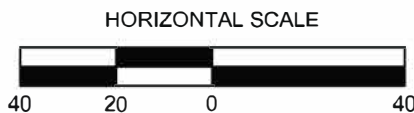
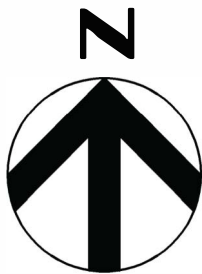
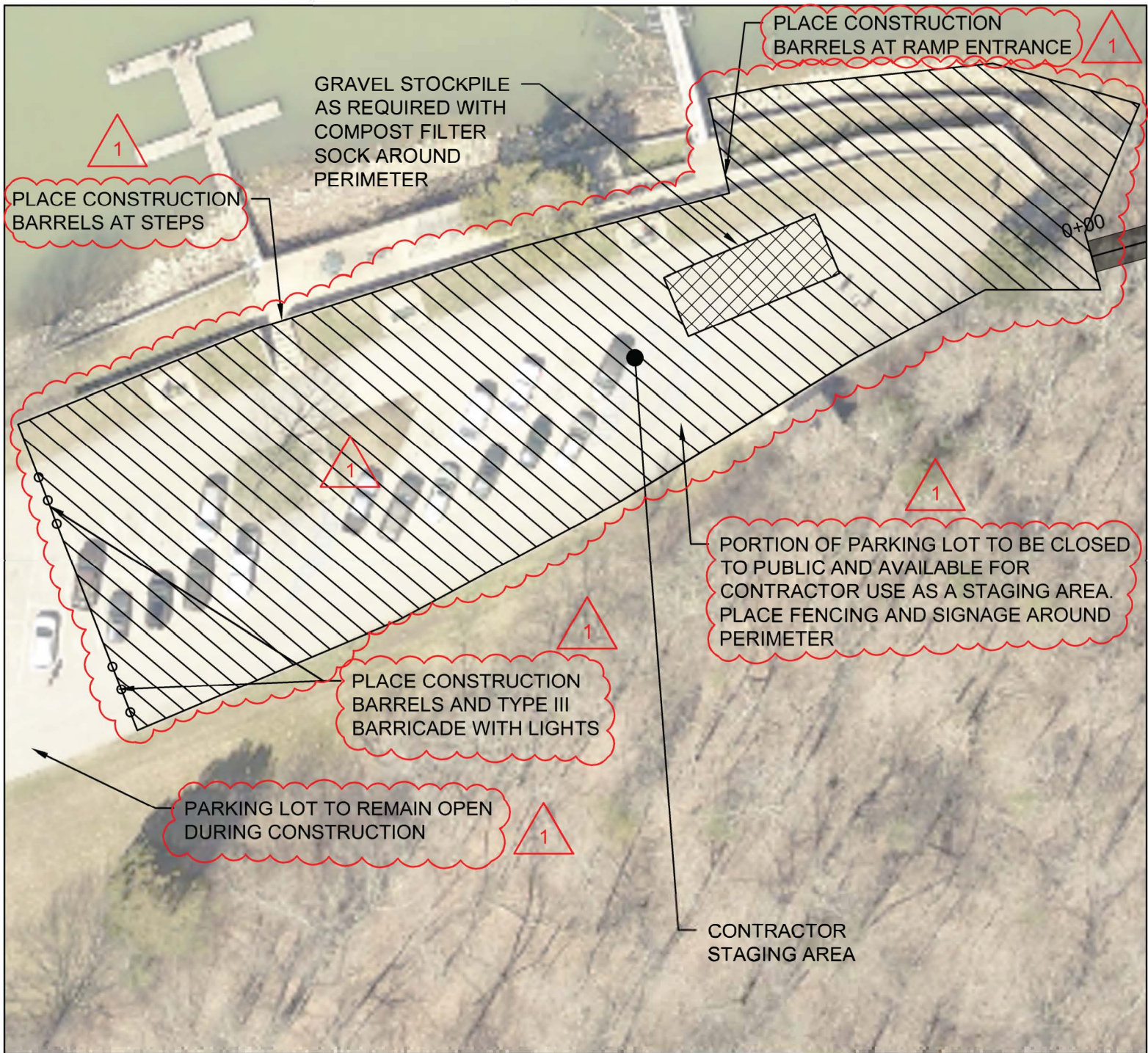
Figure 3




ADDENDUM 1 CHANGES

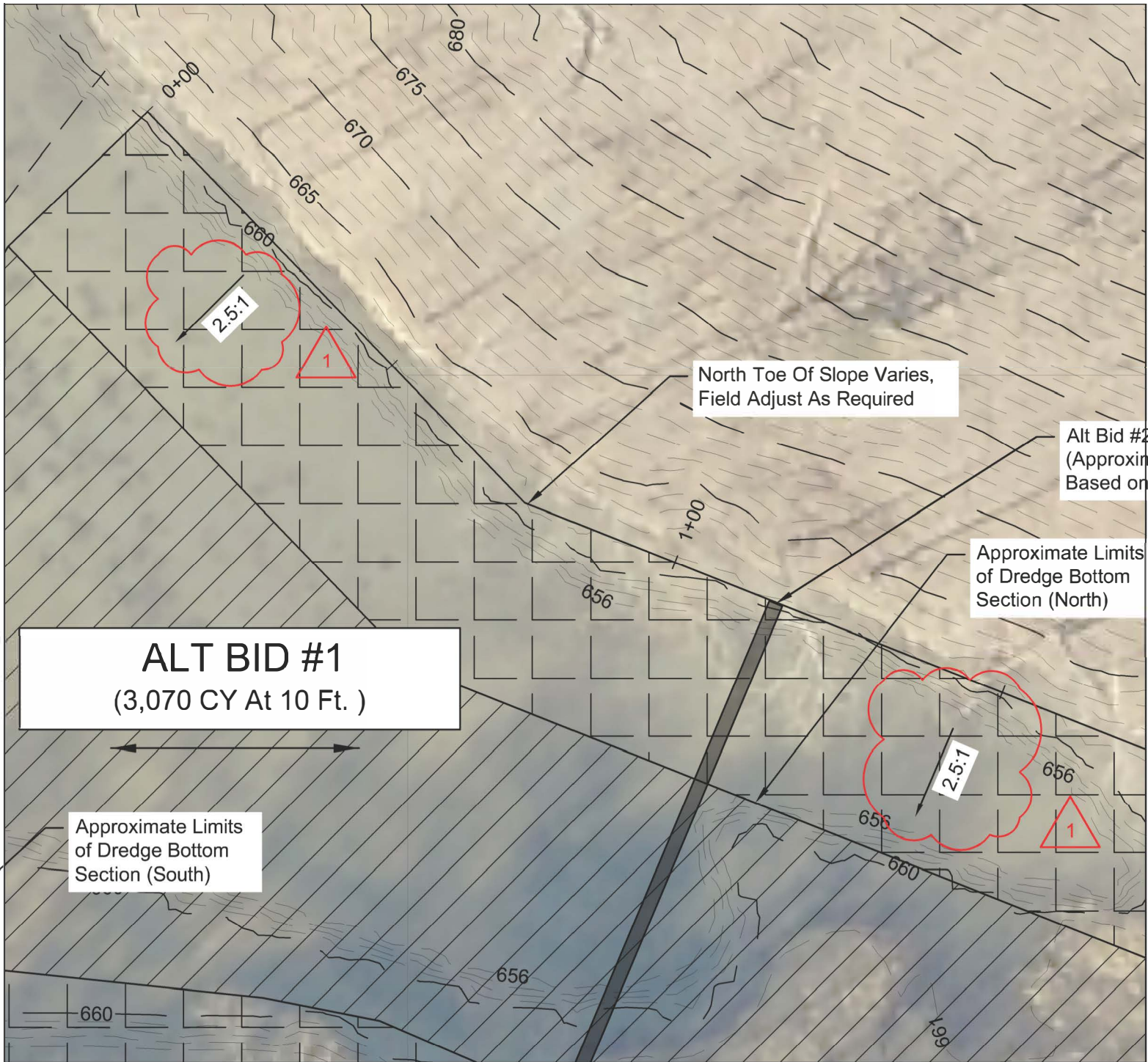


DATE:	REVISION	#	DWN. BY:	CKD. BY:	Title
01/10/2020	ADDENDUM	1	TCS	EJD	ADDENDUM 1
					Project: Ha Ha Tonka Gravel Mitigation
					Location: Ha Ha Tonka State Park, Camdenton, Missouri
					Client: Missouri Office of Administration Job #: X2116-01
					HDR #: 10302366 SHT: C-101A

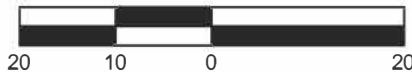


 **ADDENDUM 1 CHANGES**

	DATE:	REVISION	#	DWN. BY:	CKD. BY:	Title	ADDENDUM 1
	01/10/2020	ADDENDUM	1	TCS	EJD	Project:	Ha Ha Tonka Gravel Mitigation
						Location:	Ha Ha Tonka State Park, Camdenton, Missouri
						Client:	Missouri Office of Administration Job #: X2116-01
						HDR #:	10302366 SHT: C-101B



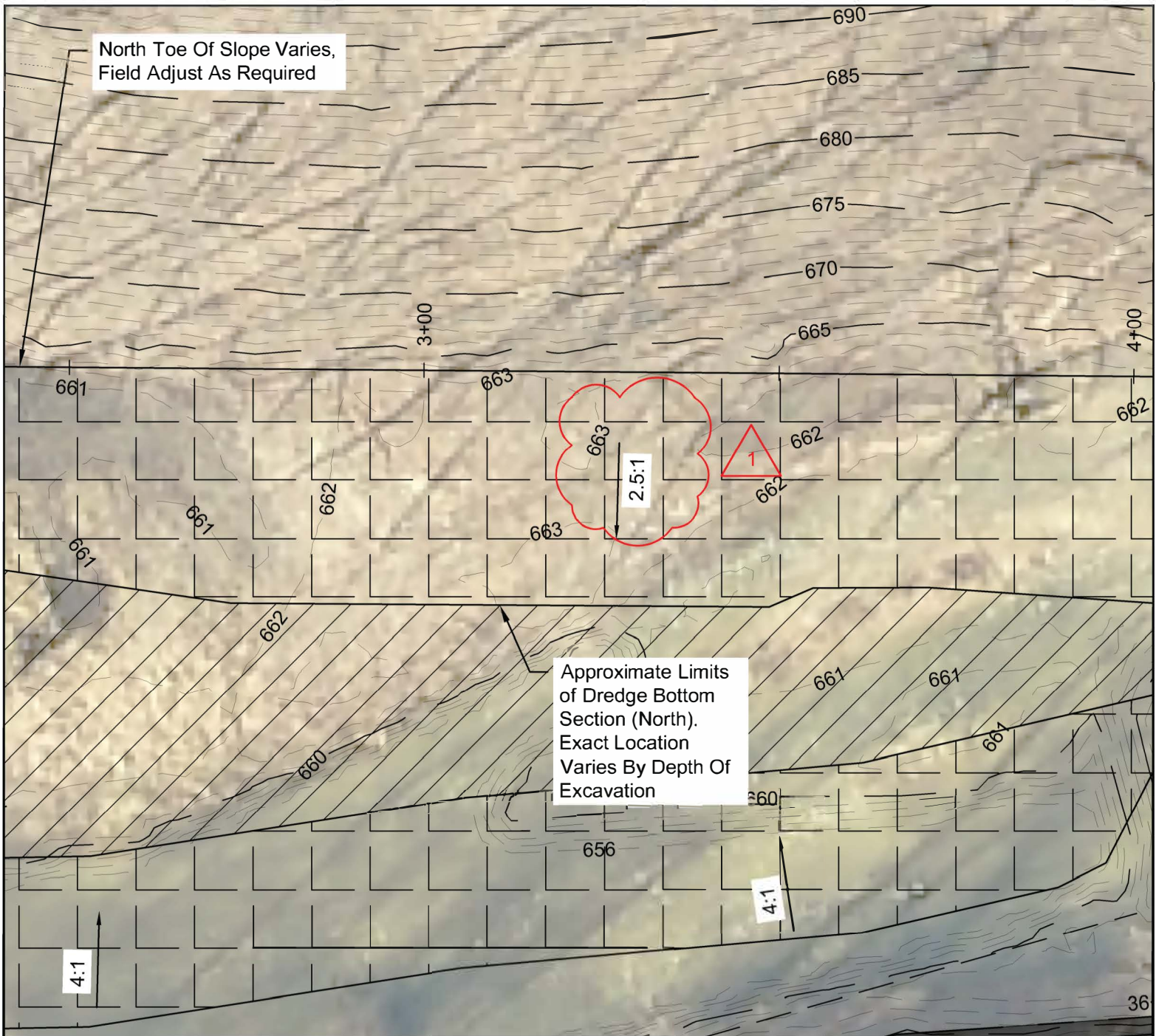
HORIZONTAL SCALE



ADDENDUM 1 CHANGES



DATE:	REVISION	#	DWN. BY:	CKD. BY:	Title
01/10/2020	ADDENDUM	1	TCS	EJD	ADDENDUM 1
					Project: Ha Ha Tonka Gravel Mitigation
					Location: Ha Ha Tonka State Park, Camdenton, Missouri
					Client: Missouri Office of Administration Job #: X2116-01
					HDR #: 10302366 SHT: C-103A



HORIZONTAL SCALE



ADDENDUM 1 CHANGES



DATE:	REVISION	#	DWN. BY:	CKD. BY:	Title
01/10/2020	ADDENDUM	1	TCS	EJD	ADDENDUM 1
					Project: Ha Ha Tonka Gravel Mitigation
					Location: Ha Ha Tonka State Park, Camdenton, Missouri
					Client: Missouri Office of Administration Job #: X2116-01
					HDR #: 10302366 SHT: C-103B

NORTH
BANK

EXISTING SIDE SLOPE
(NORTH BANK)
TYPICAL 2.5:1

EXISTING NORTH TOE OF
SLOPE TO BE DETERMINED
IN THE FIELD.

2.5:1

EXCAVATE ON A 2.5:1
SLOPE DOWN FROM THE
FIELD ESTABLISHED
NORTH TOE OF SLOPE

GRAVEL SPO
TO BE REMO

2.5:1



EL VARIES

BOTTOM WIDTH
VIEW FOR APPR



ADDENDUM 1 CHANGES



DATE:	REVISION	#	DWN. BY:	CKD. BY:	Title
01/10/2020	ADDENDUM	1	TCS	EJD	ADDENDUM 1
					Project: Ha Ha Tonka Gravel Mitigation
					Location: Ha Ha Tonka State Park, Camdenton, Missouri
					Client: Missouri Office of Administration Job #: X2116-01
					HDR #: 10302366 SHT: C-501A