Department of Public Works
Engineering Division
Robert F. Phillips, P.E., City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
Phone: (608) 266-4751
Fax: (608) 264-9275
engineering@cityofmadison.com
www.cityofmadison.com/engineering

Assistant City Engineer
Michael R. Dailey, P.E.
Principal Engineer 2
Gregory T. Fries, P.E.
Principal Engineer 1
Christina M. Bachmann, P.E.
Eric L. Dundee, P.E.
John S. Fahrney, P.E.
Christopher J. Petykowski, P.E.
Facilities & Sustainability
Jeanne E. Hoffman, Manager
Operations Manager
Kathleen M. Cryan
Mapping Section Manager
Eric T. Pederson, P.S.
Financial Manager
Steven B. Danner-Rivers

May 4, 2015

NOTICE OF ADDENDUM
ADDENDUM 1
NAKOMA PARK PEDESTRIAN ENTRANCE STEPS-MASONRY REPAIRS
CONTRACT NO. 7392

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at:

http://www.bidexpress.com

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Drawings:

1. Revise 2/A1.2 per attached sketch.

2. Where drawings reference "Contract #7393", revise to read, "Contract #7392."

Specifications:

1. Section 040140 Stone Rehabilitation

Delete paragraph 2.5 ALL MORTAR MATERIALS in its entirety. Replace with the following;

"2.5 ALL MORTAR MATERIALS

a. Mortar: Mortar mixture ratio 2.5 to 1.
b. Lime: St. Astier NHL 3.5 (natural hydraulic lime) by TransMineral USA, Inc., Petaluma, California, (707) 769-0352.
c. Sand: Clean, sharp, free from loam, silt, vegetable matter, salts, and other injurious substances, conforming to ASTM C144 standard. Such as by Mandt Sandfill, 2079 County Hwy MM, Fitchburg, Wisconsin, 53575. Match existing in size and color.
d. Water: Potable, fresh, clean, clear and free from injurious amounts of sewage, oil, acid, alkali,

salts, organic matter or other detrimental substances.

e. Repointing mortar shall be prepared and placed in accordance with the Department of the Interior National Park Service Cultural Resources Preservation Briefs 2, “Repointing Mortar Joints in Historic Masonry Buildings”,
f. Revised edition October 1998, and in compliance with the guidelines set forth by the Secretary of the Interior’s Standards for Rehabilitation.
g. The repointing mortar shall match the original in color, grain size and texture. The compressive strength of the repointing mortar shall be equal or less than the compressive strength of the original mortar and surrounding stone. The replacement mortar shall contain approximately the same ingredient proportions of the original mortar."

2. Section 310000 Earthwork

Under 1.7 b, geotechnical report, delete, "prepared by RVT dated February 6, 2014"

Clarifications:

1. The drawings provided by the Architect schematically depict layout of existing stone. These may be used as a guideline for the future reconstruction. Cap stones shall be removed, numbered and sorted by location for reinstallation to match existing. A precise stone-by-stone match is not required for rebuilt infill wall plane. However, contractor(s) shall, at a minimum, coordinate with Architect at every bedding plane of reconstruction. The Architect reserves the right to require that the rebuilt stone wall will match existing vertical module bedding planes in ensuring the character and workmanship matches original. Salvage, reclaim and re-use existing where possible.

2. New (Replacement) stone shall be Wisconsin Dolomotic limestone, also referred to as Minnesota Dolomitic Limestone.

3. Soil borings are attached. See boring map and log of 3/1/15.

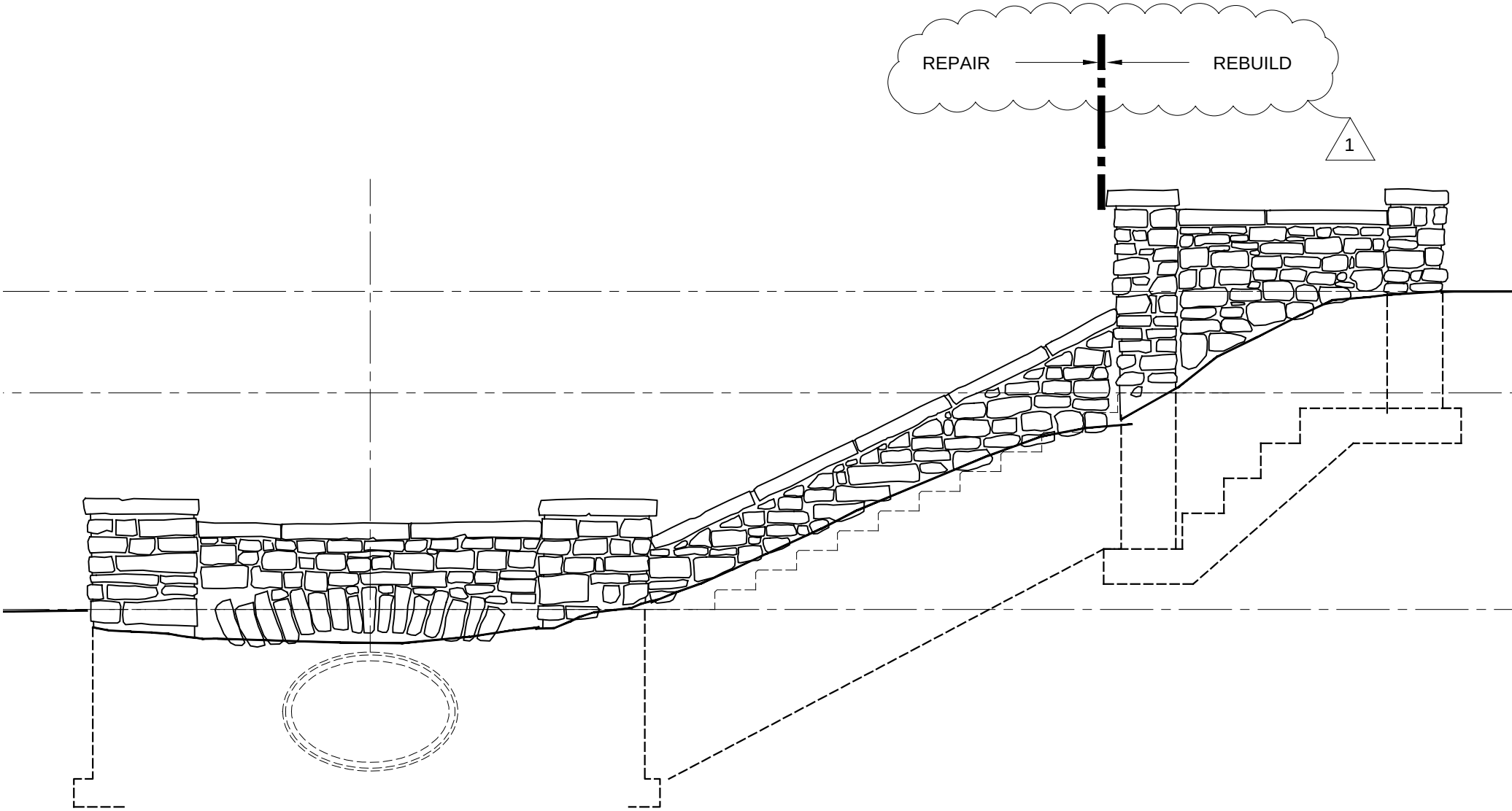
4. No testing of the mortar will be required.

5. Potable water is required by Contractor(s). Potable water source will be at the discretion of the contractor and shall be included in their bid.

6. Staging by Contractor, see General Notes sheet TS1.2. Storage or pods will likely be allowed on park site, within contractor fence limits. No storage or pods will be allowed on street. Contractor to submit a detailed staging plan for review.

7. No portland cement will be allowed.

Robert F. Phillips, P.E.
City Engineer



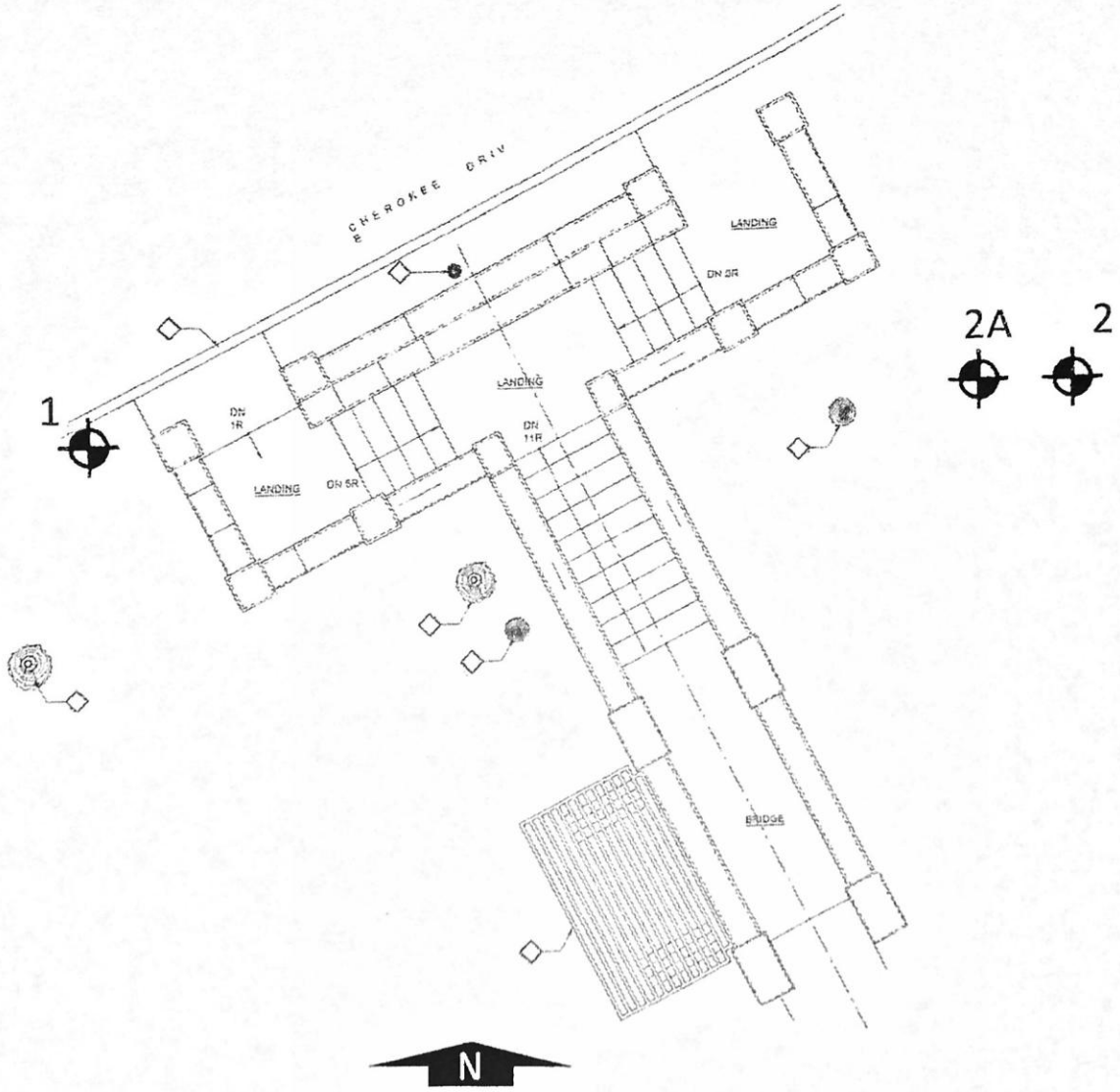
2
A1.2

ELEVATION

SCALE: 1/4" = 1'-0"

SEE ENLARGED ELEVATIONS
FOR KEYNOTE WORK ITEMS

a-



Legend

Denotes Boring Location (approximate)

Notes

1. Soil borings performed by Badger State Drilling in March 2015

DWN: -	APP'D: MNS	Date: 3/15	C14051-47	CGC, Inc.	**SOIL BORING LOCATION PLAN** **Nakoma Park Stair Restoration** **Madison, Wisconsin**

CGC Inc.

LOG OF TEST BORING

Project: Nakoma Park North Entrance

Location: Madison, Wisconsin

Boring No. 1
Surface Elevation (ft) 890±
Job No. C14051-47
Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE No.	TYPE	Rec (in.)	Moist	N	Depth (ft)	VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES qu (qa) (tsf)	W	LL	PL	LI
						12 in. TOPSOIL					
1		10	M	8*		FILL: Brown Clay with Trace to Little Sand and Topsoil					
2		12	M	5	5		(0.75)				
3		12	M	4		Medium Stiff, Brown Sandy Lean CLAY (CL)	(0.75)				
4		10	M	9	10	Loose to Dense, Brown Fine to Medium SAND, Some Silt and Gravel, Scattered Cobbles and Boulders (SM)					
5		14	M	32	15						
6		14	M	26	20						
7		12	M	63		Very Dense Near 24 ft					
					25	End boring at 25 ft due to auger refusal on boulder or possible bedrock Backfilled with bentonite chips * Sample 1 frozen					
					30						

WATER LEVEL OBSERVATIONS

While Drilling ▽ NW Upon Completion of Drilling

Time After Drilling

Depth to Water ▼

Depth to Cave in

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.

GENERAL NOTES

Start 3/1/15 End 3/1/15

Driller Badger Chief MC Rig CME-750

Logger DB Editor ESF

Drill Method 2.25 HSA; Autohammer

CGC Inc.

LOG OF TEST BORING

Project: **Nakoma Park North Entrance**

Location: **Madison, Wisconsin**

Boring No. **2**
Surface Elevation (ft) **880±**
Job No. **C14051-47**
Sheet **1** of **1**

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE No.	SAMPLE TYPE	SAMPLE Rec (in.)	SAMPLE Moist	SAMPLE N	Depth (ft)	VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES qu (qa) (tsf)	W	LL	PL	LI
						FILL: Brown Fine to Coarse Sand and Gravel, Some Silt, Frequent Cobbles					
1		4	M	25							
					5	End boring at 5 ft due to severe lateral auger deflection Borehole backfilled with soil cuttings Moved 4'W and attempted B-2A					
					10						
					15						
					20						
					25						
					30						

CGC Inc.

LOG OF TEST BORING

Project: Nakoma Park North Entrance

Location: Madison, Wisconsin

Boring No. 2A
Surface Elevation (ft) 880±
Job No. C14051-47
Sheet 1 of 1

2921 Perry Street, Madison, WI 53713 (608) 288-4100, FAX (608) 288-7887

SAMPLE					VISUAL CLASSIFICATION and Remarks	SOIL PROPERTIES				
No.	TYPE	Rec (in.)	Moist	N	Depth (ft)		qu (qa) (tsf)	W	LL	PL	LI
						After abandoning B-2, attempted to blind drill B-2A to 3.5' and recover Sample 2 but auger deflection too severe. Additional drilling did not straighten borehole.					
					5	End boring at 5 ft due to severe lateral auger deflection Borehole backfilled with soil cuttings					
					10						
					15						
					20						
					25						
					30						

WATER LEVEL OBSERVATIONS

	While Drilling	Upon Completion of Drilling		
Time After Drilling				
Depth to Water	▼ NW			
Depth to Cave in				

The stratification lines represent the approximate boundary between soil types and the transition may be gradual.

GENERAL NOTES

Start 3/1/15 End 3/1/15
Driller Badger Chief MC Rig CME-750
Logger DB Editor ESF
Drill Method 2.25 HSA; Autohammer