

Contract Name  
 Tenney Park Pavilion

Date 4/25/2011

Change Order No. CO 1  
 Contract No. 6308  
 Project No. 53W0771  
 Change Order Project No.

Change Order Description  
 Overexcavate poor soil conditions under structural concrete footing areas and install clear stone foundation base material.

Account Numbers for this Change Order:  
 CB60-58310-810397-00-000000-60108C00

J H FINDORFF & SON INC

Contractor JH FINDORFF & SON INC  
 300 S BEDFORD ST  
 MADISON, WI 53703

You are authorized and directed to make the following changes in this contract:

Item No.	Description	Est. Qty	Unit	Unit Price	*N/B	Total
1	Overexcavate poor soils with peat under concrete footings and install clear stone base.	1.00	1	26,122.00		26,122.00
						0.00
						0.00
						0.00
						0.00
						0.00
						0.00

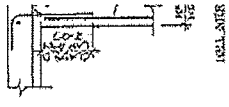
Net Change Order	26,122.00
The Original Contract Total	891,000.00
Sum of previous Change Orders	
The new Contract Sum including this Change Order will be	917,122.00

This Contract is a:	<input checked="" type="checkbox"/> Calendar Days	<input type="checkbox"/> Working Days	<input type="checkbox"/> Completion Date
Original Contract Time/Completion Date	210		October 28, 2011
Net Change in Contract Time by previous change order			
Contract Time/Completion Date prior to this change order			
Additional day(s) as a result of this Change Order	7	0	7
Contract time/completion date as a result of this change order	217		November 4, 2011

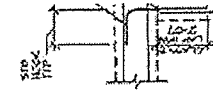
\* Mark if negotiated (N) or bid (B) unit price

Contractor's Acceptance  
 By: [Signature]  
 Title: PROJECT MANAGER  
 Date: 5/11/11

City's Approval (see reverse side for instructions)  
 Construction Inspector: [Signature]  
 Construction Supervisor: [Signature]  
 Engineer: [Signature]  
 Board of Public Works: [Signature]  
 Date: 5/11/11



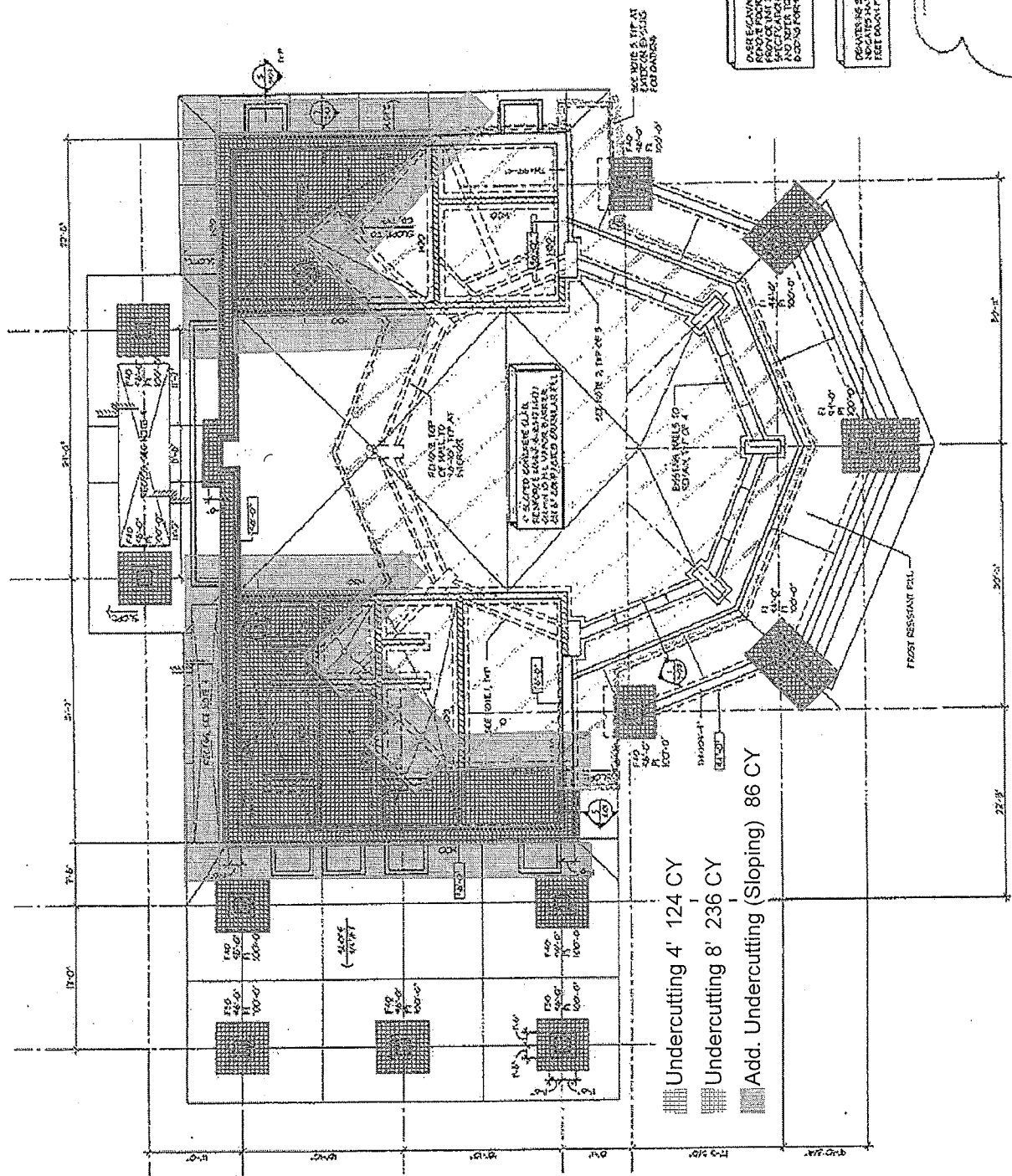
2 TYP / SCALE: 1/8" = 1'-0"



3 TYP / SCALE: 1/8" = 1'-0"

DESCRIPTION MAY BE REFERRED TO FRONT OF THIS DRAWING FOR DETAILS. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE. DIMENSIONS TO THE INTERIOR FACE IN THE DRAWING.

REQUIRE THE SHALL BE 600 REBAR. 400 REBAR SHALL BE USED UNLESS OTHERWISE NOTED. REBAR SHALL BE PLACED AT THE FRONT OF THE FOUNDATION.



1 FOUNDATION PLAN  
 SCALE: 1/8" = 1'-0"

- CONSTRUCTION NOTES:
1. EXISTING FOUNDATION WALLS AND PILES TO REMAIN. 48" DIA PRECAST CONCRETE PILES WITH 12" DIA REBAR TO ALLOW FOR CONNECTION TO EXISTING REBAR. SEE ELEVATION FOR DETAILS.
  2. EXISTING PILES TO REMAIN TO ELEVATION 10'-0". SEE FOUNDATION ELEVATION FOR DETAILS ABOVE THIS ELEVATION.
  3. EXISTING FOUNDATION WALLS TO BE OF THE TYPE SHOWN IN THE DRAWING. ALL DIMENSIONS TO FACE UNLESS NOTED OTHERWISE.
  4. SEE PLAN FOR ALL PILE RELOCATIONS. ALL PILES TO BE RELOCATED TO THE NEW LOCATIONS SHOWN ON THIS PLAN.



DATE: 05/03/11

PROJ NAME: Tenney Park Pavilion

DESCRIPTION: Mass Undercutting - Proposed Alternate - Version 3

JHF ISSUE NO. 004



DESCRIPTION	QTY	UM	HRS	UNIT LABOR	UNIT MAT	LABOR	MATERIAL & EQUIP	SUB QUOTES	TOTALS
<p>Undercut existing subgrade per CGC field report #1 dated 4/12/2011 and A&amp;O proposed undercutting drawing (\$100) dated 4.29.2011 . Includes 446 CY of additional undercutting including sloping per attachments.</p> <p>Any additional undercutting beyond this scope of work will be billed at the following unit prices plus mark-up for overhead and profit.</p> <p>Excavation Cut - \$16/CY            Fabric - \$3/SY            3" Clear Stone - \$14/Ton            Sand Backfill - \$12./Ton</p> <p>Includes Type 1 dewatering per construction documents (C2.0) Note 9. If Type 2 or additional dewatering is required it will result in additional charges.</p> <p>General Conditions adjustment for adding (7) days to project duration. As a result of the unforeseen soil conditions, we stand to lose (15) days from the current project schedule if work cannot commence until 5/9/2011. To account for the additional work in this change order, (7) days need to be added to the project schedule.</p>							\$4,280	\$20,802	\$20,802
SUBTOTAL						\$0	\$4,280	\$20,802	\$25,082
FINDORFF PROFIT (15%, 5% Sub)						\$0	\$0	\$1,040	\$1,040
									\$26,122

THIS CHANGE WILL ADD 7 DAYS TO THE CONTRACT TIME ASSUMING WE CAN BEGIN WORK ON 5/9/2011.

THIS CHANGE PROPOSAL IS VALID FOR 10 DAYS. (SEE BELOW)

## Ryan Williams

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**From:** Tom Richards <danecountycontracting@tds.net>  
**Sent:** Monday, May 02, 2011 7:41 PM  
**To:** Ryan Williams  
**Subject:** Undercut (Option A)

Ryan,

Here is what I come up with for areas and volumes:

Excavation Cut: 446 cy  
Fabric: 1506 sy  
3" Clear: 398 ton  
Sand backfill: 298 ton

However, since this is an irregular area, I cannot keep the same unit pricing as from before.


The new pricing will be:

Excavation Cut: \$16/cy  
Fabric: \$3/sy  
3" Clear: \$14/ton  
Sand Backfill: \$12/ton

Here would be the extended totals:

Option 2 will follow shortly.

Item No.	Description	Quantity	Unit Price	Extended
1	Undercut	446	\$ 16.00	\$ 7,136.00
2	Fabric	1506	\$ 3.00	\$ 4,518.00
3	3" Clear	398	\$ 14.00	\$ 5,572.00
4	Sand	298	\$ 12.00	\$ 3,576.00
<b>Total</b>				<b>\$ 20,802.00</b>

	<h2 style="margin: 0;">Field Report</h2>	<b>Report No.</b> <u>1</u>
		<b>Job No.</b> <u>C11057</u>
		<b>Date</b> <u>4/12/11</u> <b>Day</b> <u>Tues</u>
		<b>Sheet</b> <u>1</u> <b>of</b> <u>1</u>

CGC, Inc. ♦ 2921 Perry Street ♦ Madison, WI 53713 ♦ Phone (608) 288-4100 ♦ Fax (608) 288-7887

**CGC rep:** Bill Wuellner **Arrived at Site:** 12:45 **PM** **Left Site:** 1:50 **PM**

**Project:** Tenney Park Pavillion

**Location:** Madison

**Weather:** sunny, mild **Temperature:** 60 ° F **at** 1PM

**Present at Site:** Jim Whitney, City of Madison; Russ Owens, PRA; Ryan Williams & Scott Lange, Findorff;

**Equipment on Job:** tracked backhoe + operator - Dane County Excavating

**We visited the site this date to observe/perform the following:**

Excavated a test pit on the north side of the building (outside the building footprint) to check depth of undercut required and observe groundwater conditions. Test pit showed

- About 4 ft of dark gray sand/clay FILL with occasional wood/tree limbs/roots, followed by
- 3.5 ft of gray F-M SAND with shells and thin seams of brown fibrous PEAT, underlain by
- Gray fine SAND with little silt at about 7.5 to 8 ft below grade.

Groundwater seepage was minimal to non-existent until about 7 ft, when a major water-bearing sand/gravel seam was encountered. Groundwater quickly started filling the bottom and the excavation sidewalls began collapsing. The test pit was quickly backfilled to prevent further disturbance to the surrounding area.

We recommend that the sand layer with peat seams be removed below footings and replaced with compacted gravel fill. The recommended sequence of operations would be as follows:

- 1) Undercut to about 7.5 to 8 ft below grade to remove the peat seams. Widen footing excavations 2 ft beyond the footing edge on each side. Work in short sections, with required material on hand before proceeding.
- 2) Immediately place about 6 in. of clear stone in the bottom and begin pumping from filtered sumps to control groundwater.
- 3) Place geotextile (WisDOT Type SAS) on top of the initial 6 in. of stone. Place and compact stone in lifts with a vibratory plate compactor or hoepak. Wrap the fabric above the stone once you reach footing grade. The stone should be enveloped by the fabric to prevent migration of fines into the open voids.
- 4) The dewatering pumps can be shut down as long as the water table stays below the top of the stone layer.

We anticipate that these procedures should provide a subgrade suitable for the design bearing pressure of 1000 lb/sq ft.

**By:** Bill Wuellner, PE **Date:** 4/12/2011 **Distribution:** Jim Whitney