

DRAFT AIA® Document G701™ - 2001

Change Order

PROJECT (Name and address):
 15-074 Denfeld High School - CTE
 Addition
 4405 West 4th Street, Duluth, MN
 55807

CHANGE ORDER NUMBER: 001
DATE: July 11, 2016

OWNER:
ARCHITECT:
CONTRACTOR:
FIELD:
OTHER:

TO CONTRACTOR (Name and address):
 Johnson Wilson Constructors, Inc.
 PO Box 16006
 4431 West Michigan Street
 Duluth, MN 55816

ARCHITECT'S PROJECT NUMBER: 15-074
CONTRACT DATE: March 11, 2016
CONTRACT FOR: General Construction

THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

- | | |
|---|--------------------|
| 1. Time and labor related to additional excavation and project coordination to relocate unanticipated project interference of main fiber connection to the school. Includes coordination of electrician under separate contract. Change includes extension of substantial completion by five (5) working days. | \$ 2,134.46 |
| 2. Additional excavation and fill on the east side of the addition along Grid PP. Over excavation was required at Grid PP-44.4 due to poor soil conditions as directed by Braun-Interotec. Adjust depth of column pads at Grids PP-46.8 and PP-46.4 to align with existing footing elevation that was at lower than expected elevation. | \$19,391.40 |
| 3. Revise underground plumbing layout as shown in Proposal Request #1 to utilize existing abandoned sanitary sewer line. | No cost |
| 4. Change contract time to account for excessive weather related (rain) days. Add three (3) working days. | No cost |
| Change Order #1 Total | \$21,525.86 |

The original Contract Sum was
 The net change by previously authorized Change Orders
 The Contract Sum prior to this Change Order was
 The Contract Sum will be increased by this Change Order in the amount of
 The new Contract Sum including this Change Order will be

\$	639,000.00
\$	0.00
\$	639,000.00
\$	21,525.86
\$	660,525.86

The Contract Time will be increased by Eight (8) Calendar days.
 The date of Substantial Completion as of the date of this Change Order therefore is August 24, 2016.

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Architectural Resources, Inc.
ARCHITECT (Firm name)
 126 East Superior Street, Duluth, MN
 55802
ADDRESS

Johnson Wilson Constructors, Inc.
CONTRACTOR (Firm name)
 PO Box 16006, 4431 West Michigan
 Street, Duluth, MN 55816
ADDRESS

Independent School District #709
OWNER (Firm name)
 215 North 1st Avenue East, Duluth, MN
 55802
ADDRESS

BY (Signature)
 Ryan Erspamer, Principal/Architect
 (Typed name)

BY (Signature)

 (Typed name)

BY (Signature)
 Annie Harala, School Board Chairperson
 (Typed name)

DATE

DATE

DATE

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May 6, 2016

Ryan Erspamer
Architectural Resources, Inc.
126 East Superior Street
Duluth, MN 55802

RE: Denfeld CTE Addition – Fiber Relocation Costs

Dear Mr. Erspamer,

The following costs are for performing the relocation of the existing fiber optic conduits.

JWC Coordination Total	\$ 867.24
Veit Excavation & Backfill Total	\$ 1,073.18
10% OH&P	\$ 192.38
TOTAL COST	\$ 2,134.46

Relocating the fiber optic conduits also delayed the project (5) working days which shall extend the Substantial Completion date accordingly.

Please review the attached cost detail and approve for change order.

Thank you.

Sincerely,

JOHNSON WILSON CONSTRUCTORS

A handwritten signature in blue ink, appearing to read 'Ben Nickila', is written over a light blue horizontal line.

Ben Nickila





May 7, 2016

Ryan Erspamer
Architectural Resources, Inc.
126 East Superior Street
Duluth, MN 55802

RE: Denfeld CTE Addition – Footing Over-Excavation Proposal

Dear Mr. Erspamer,

The following costs are the result of the existing building footings having an actual lower elevation than the planned elevation. There were (3) concrete piers that were affected by this discovery. The northeast and east pier footings needed to be lowered six feet to match the existing building footing depth, and the subgrade below the southeast pier needed to be over-excavated to the native material.

<u>Item</u>	<u>Description</u>	<u>UOM</u>	<u>Unit Prices</u>	<u>Quantity</u>	<u>Total</u>
1	Mass Excavation	CY	\$17.50	352	\$6,160.00
2	Hand Excavation	CY	\$50.00	0	\$0.00
3	4000# Concrete	CY	\$112.00	3	\$336.00
4	Reinforcement Steel-In-Place	LB	\$1.54	490	\$754.60
5	Formwork In-Place	SF	\$8.40	102	\$856.80
6	Granular Fill	CY	\$27.00	352	\$9,504.00
				SUBTOTAL	\$17,611.40
				10% OH&P	\$1,780.00
				TOTAL	\$19,391.40

Please review the attached cost detail and approve for change order.

Thank you.

Sincerely,

JOHNSON WILSON CONSTRUCTORS

A handwritten signature in blue ink, appearing to read 'Ben Nickila', is written over a horizontal line.

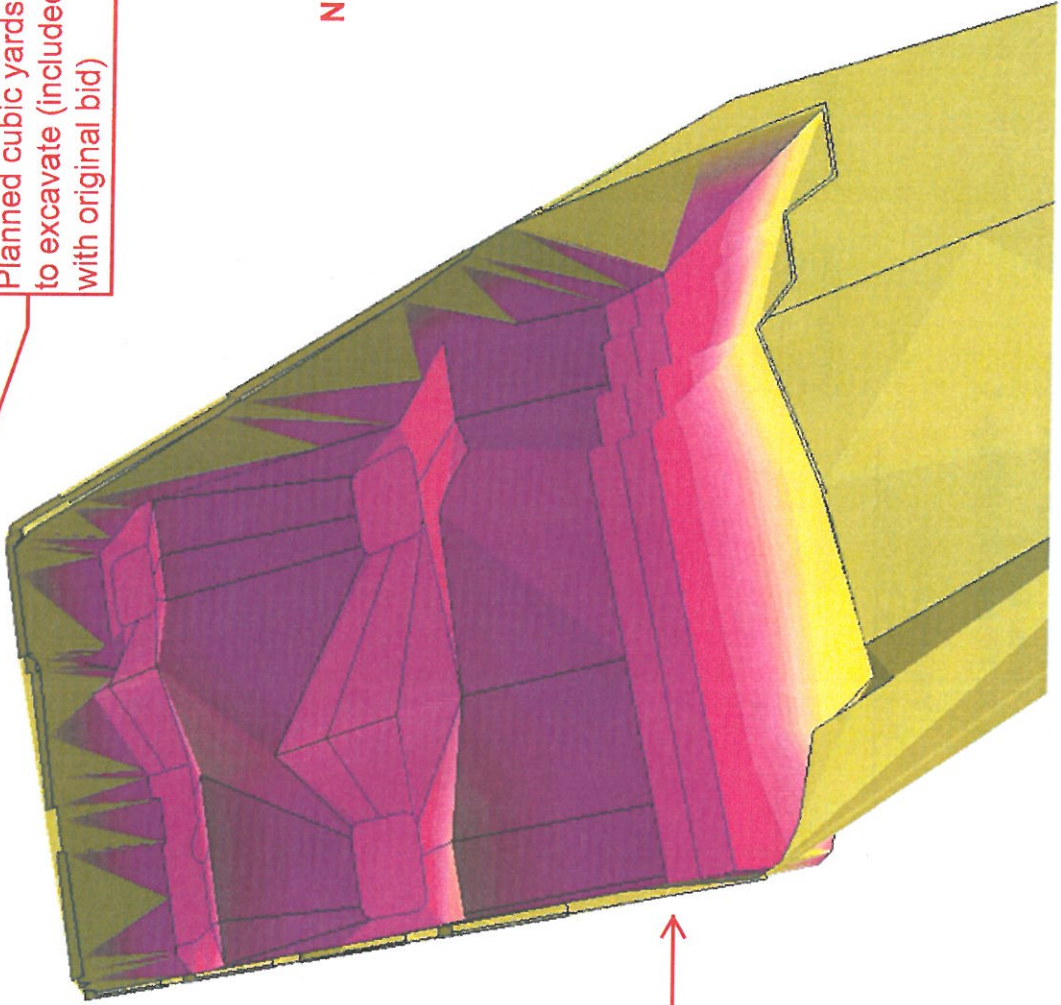
Ben Nickila

3D model of excavation based on *designed* footing depths with proper bank sloping.

Volume Report
 Design vs. Existing

Job Site	Total		Area		OnGrade		Volume		Comp/Ratio		Compact		Export Change	
	Cut	Fill	Fill	OnGrade	Cut	Fill	Cut	Fill	Fill	Cut	Fill	-Import	Per .1 Ft	
	2,788	2,766	6	16	825	0	1.00	1.00	825	0	825	0	10	

Planned cubic yards to excavate (included with original bid)



Location of new poured footing wall

3D model of excavation based on actual footing depths with proper bank sloping.

Job: **Actual** Denfeld Footings no slopes
 Units: Ft-CY
 Wed May 25, 2016 08:50:19 Page 1

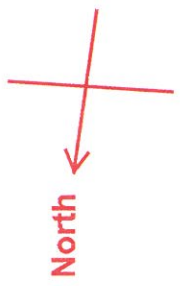
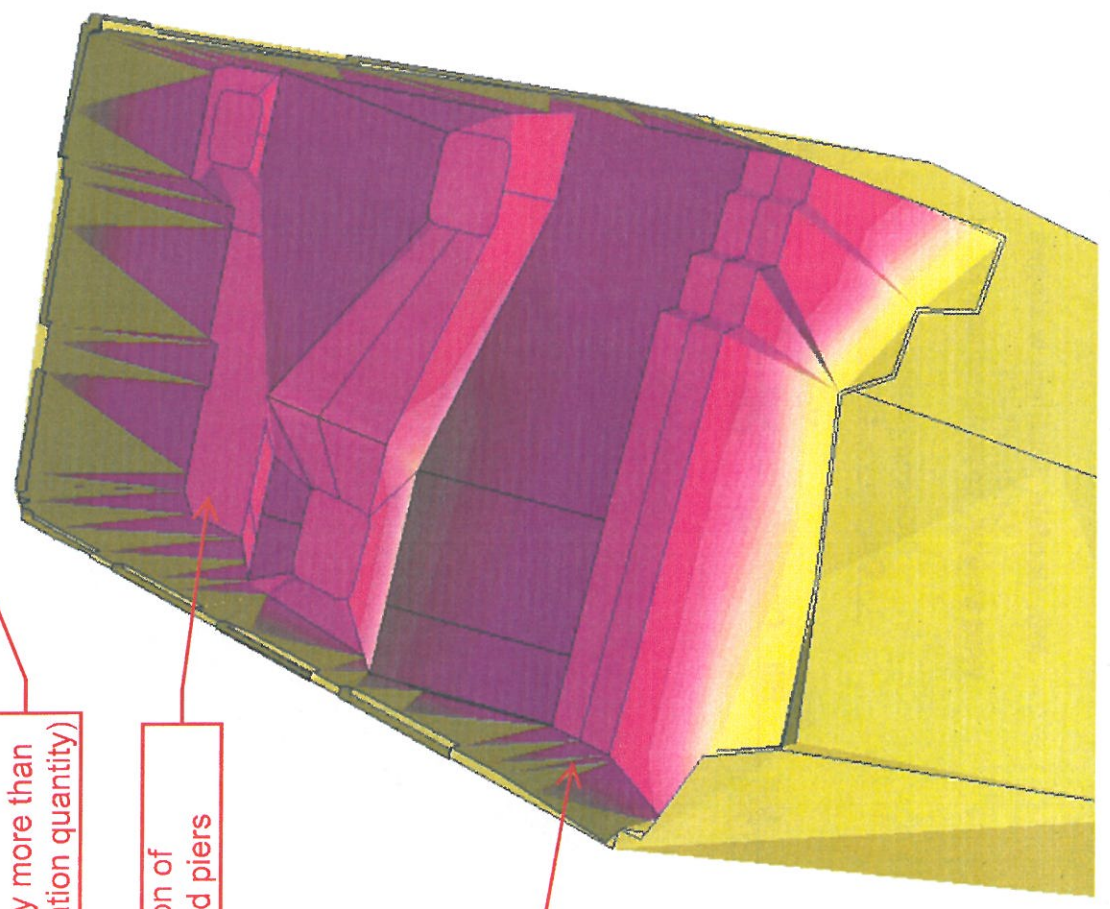
Volume Report
 Design vs. Existing

Job Site	Total		Area		OnGrade	Volume		Comp/Ratio		Compact		Export Change	
	Cut	Fill	Cut	Fill		Cut	Fill	Cut	Fill	Fill	Cut	-Import	Per .1 Ft
	2,778	2,756	6	16	16	1,177	0	1.00	1.00	1,177	0	1,177	10

Actual cubic yards to excavate (352cy more than planned excavation quantity)

Location of affected piers

Location of new poured footing wall. Actual wall excavation remains unchanged from design.



Denfeld CTE Addition Footing OverEx Concrete Quantity Report

The figures below are a summary of the extra material needed to extend the height of the Northeast and East piers due to the actual existing building footing being below the planned excavation.

	Northeast Pier	East Pier
Designed Pier Height (ft)	8.33	7.67
Actual Pier Height (ft)	14	14
Pier Height Difference (ft)	5.67	6.33
Pier Size	2'x2'	2'x2.42'
Form Area per foot in height (sf)	8	8.84
Extra Form SF (based of difference above)	45.4	56.0
Extra Form Total Area	102sf	
Extra concrete	0.924	1.24818222
Extra Concrete Total	~ 3 cy	

	QTY
Extra #6 rebar in lbs (16ea x 15' x 1.502lbs/ft)	361 lbs
Extra #4 rebar ties in lbs (14ea)	129 lbs
Extra Rebar Total	490 lbs







May 23, 2016

Ryan Erspamer
Architectural Resources, Inc.
126 East Superior Street
Duluth, MN 55802

RE: Denfeld CTE Addition – Weather Delays

Dear Mr. Erspamer,

Due to the weather we have experienced so far during the project, there have (5) working days that have been directly affected by rain. The dates are as follows:

- 5/31/2016
- 6/3/2016
- 6/13/2016
- 6/14/2016
- 6/15/2016

These (5) total working days have impacted the schedule and shall be added to the Substantial Completion Date.

Thank you.

Sincerely,

JOHNSON WILSON CONSTRUCTORS

A handwritten signature in blue ink, appearing to read 'Ben Nickila', written in a cursive style.

Ben Nickila



July 11, 2016

Ryan Erspamer
Architectural Resources, Inc.
126 East Superior Street
Duluth, MN 55802

RE: Denfeld CTE Addition – Proposal Request #01

Dear Mr. Erspamer,

For the work described in PR #1, this will be a no cost change to perform the plumbing modifications.

Thank you.

Sincerely,

JOHNSON WILSON CONSTRUCTORS

A handwritten signature in blue ink, appearing to read "Ben Nickila".

Ben Nickila

Work Changes Proposal Request

PROJECT *(Name and address):*
15-074 Denfeld High School - CTE
Addition
4405 West 4th Street, Duluth, MN
55807

PROPOSAL REQUEST NUMBER: 001

OWNER:

ARCHITECT:

CONSULTANT:

CONTRACTOR:

FIELD:

OTHER:

DATE OF ISSUANCE: May 23, 2016

OWNER *(Name and address):*
Independent School District #709
215 North 1st Avenue East
Duluth, MN 55802

CONTRACT FOR: General Construction

CONTRACT DATE: March 11, 2016

FROM ARCHITECT *(Name and address):*
Architectural Resources, Inc.
126 East Superior Street
Duluth, MN 55802

ARCHITECT'S PROJECT NUMBER: 15-074

TO CONTRACTOR *(Name and address):*
Johnson Wilson Constructors, Inc.
PO Box 16006
4431 West Michigan Street
Duluth, MN 55816

Please submit an itemized proposal for changes in the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. Within Zero (0) days, the Contractor must submit this proposal or notify the Architect, in writing, of the date on which proposal submission is anticipated.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.


DESCRIPTION *(Insert a written description of the Work):*

Modify underground plumbing to utilize existing abandoned 6" sanitary line. Eliminate new wall penetrations. Patch existing foundation wall around sanitary line and patch waterproofing.

ATTACHMENTS *(List attached documents that support description):*

RM 1.1-2 Revised - Underground & Basement Plumbing Plan

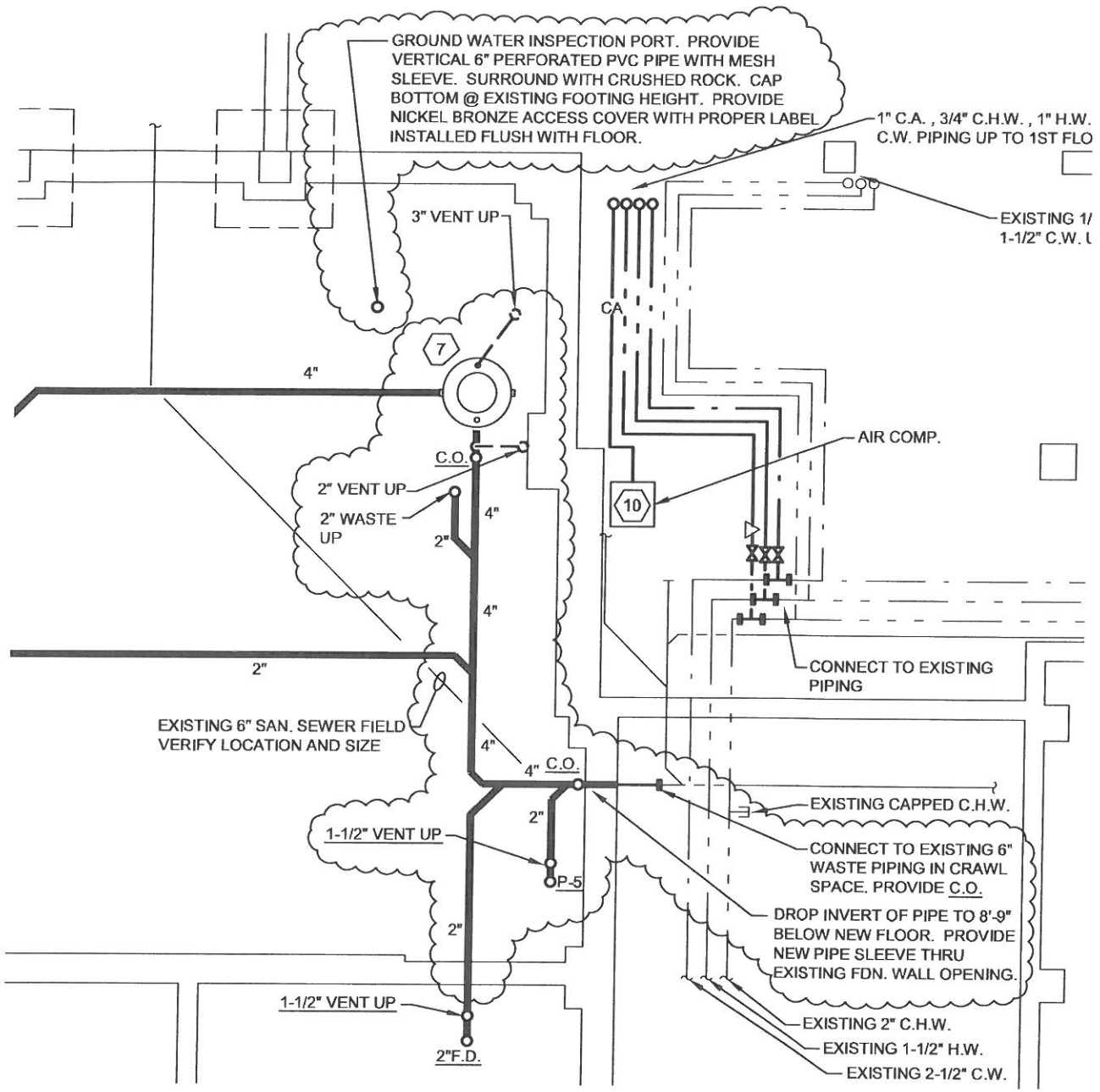
REQUESTED BY THE ARCHITECT:



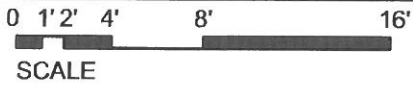
(Signature)

Ryan Erspamer, Principal/Architect

(Printed name and title)



REVISED - UNDERGROUND & BASEMENT PLUMBING PLAN



PROJECT NAME:
DULUTH DENFELD H.S. CTE ADDITION

SHEET NUMBER: RM 1.1-2	DATE: 20 MAY, 2016	PROJECT NUMBER 15-074	DRAWN BY: SJF
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