

CONSTRUCTION COMMITTEE

AGENDA

October 15, 2018

6:30 PM

304 E. Grand River, Conference Room 4, Howell, MI 48843

Pages

1. **CALL MEETING TO ORDER**
2. **APPROVAL OF MINUTES** 3
Minutes of meeting dated: September 10, 2018
3. **APPROVAL OF AGENDA**
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 - c. **J.S. Vig Pay Application #3** 18
911 Central Dispatch Facility: \$424,616.90
 - d. **J.S. Vig Change Order #5** 32
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 - e. **Oakland County G2G Pricing Contract #004561** 51
911 Central Dispatch server/storage infrastructure: \$437,772.74
 - f. **Amcomm Telecommunications Quote dated 9.4.2018** 63
911 Central Dispatch fiber installation: \$11,536.60

- g. Amcomm Telecommunications Quote dated: 10.4.2018**

64

Sheriff Storage Facility Fiber Upgrades: \$3,955

7. NEW BUSINESS

- a. Schedule next meeting**

8. ADJOURNMENT

CONSTRUCTION COMMITTEE

MEETING MINUTES

September 10, 2018

5:00 PM

304 E. Grand River, Conference Room 4, Howell, MI 48843

Members Present:

D. Dolan , G. Childs, D. Helzerman

1. CALL MEETING TO ORDER

The meeting was called to order by Commissioner Dolan at 5:00 p.m.

2. APPROVAL OF MINUTES

Minutes of meeting dated: August 20, 2018

Motion to approve the minutes as presented.

Moved By G. Childs

Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

3. APPROVAL OF AGENDA

Motion to approve the agenda as amended to include the Envision Change Order dated 8/31/2018 for \$1,672.90 as Agenda Item #6.f.

Moved By G. Childs

Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

4. CALL TO THE PUBLIC

None.

5. REPORTS

Matt, J.S. Vig, provided an update for 911 Construction site:

- Engineering should begin laying blocks on Wednesday.
- Blocks have been delivered over the past several days.
- We have not gained days towards the schedule, will try to make-up time with laying blocks to avoid winter conditions.
- Commissioner Dolan commented that the footings looked good at his last visit.

Brad Alvord, Lindhout Architects, gave an update on the Sheriff's Storage Building: a meeting is scheduled for this Friday, 10:30 a.m. at the Sheriff's Office. J.S. Vig will be present, will be discussing how and when plans will be moving forward.

Brad Alvord provided an update regarding the East Complex Mud Room project that the contract is with legal for review.

6. ACTION ITEMS

6.a Envision Invoice #1959

East Complex Wall Repair: \$34,080.00

Motion to approve payment.

Moved By G. Childs

Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

6.b Lindhout Invoice \$16037.0817

East Complex Parking Lot: \$590.83

Motion to approve payment.

Moved By G. Childs

Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

6.c Lindhout Invoice #2018-0861

911 Central Dispatch Facility: \$34,510.62

Motion to approve payment.

Moved By G. Childs
Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

6.d J.S. Vig Pay Application #2

911 Central Dispatch Facility: \$388,802.77

Motion to approve payment.

Moved By G. Childs
Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

6.e J.S. Vig Change Order #4

Parking Lot Undercut & Unmarked Manhole: \$17,936.00

Brad Alvord explained the change order.

Motion to approve change order.

Moved By G. Childs
Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

6.f Envision Change Order

Remove and Replace concrete sidewalk: \$1,672.90

Chris Folts explained the change order. Commissioner Dolan read the details.

Motion to approve change order.

Moved By G. Childs
Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

7. NEW BUSINESS

Brad Alvord gave notice that a 10" layer of soil needs to be replaced, or removed, for the conduit run. 20" was budgeted, an additional 10" are needed. Also, a concrete retaining wall will require additional concrete due to poor soils around the generator pad area, waiting for amounts for this issue.

Next meeting is scheduled for Monday, October 15, 2017 at 6:30 p.m.

8. ADJOURNMENT

Motion to adjourn the meeting at 5:23 p.m.

Moved By G. Childs

Seconded By D. Helzerman

Yes (3): D. Dolan , G. Childs, and D. Helzerman

Motion Carried (3 to 0)

Respectfully submitted by:

Natalie Hunt,
Recording Secretary

Lindhout Associates architects aia pc

10465 citation, brighton, mi 48116

www.lindhout.com

810-227-5668 (fax) 810-227-5855



Livingston County East Complex Site Improvements

COMM. NO. 16037

DATE: October 8, 2018

Page 1 of 4

TO: Allied Building Services
1801 Howard Street
Detroit, MI 48216

ATTN: Tom Reibitz

GENERAL NOTES:

- Provide close out documentation, as-bults, warranties etc.

CANOPY AREA

- 1 Numerous low and high spots observed in asphalt paving in vicinity of carport area.
- 2 Numerous depressions observed in asphalt paving in vicinity of carport.

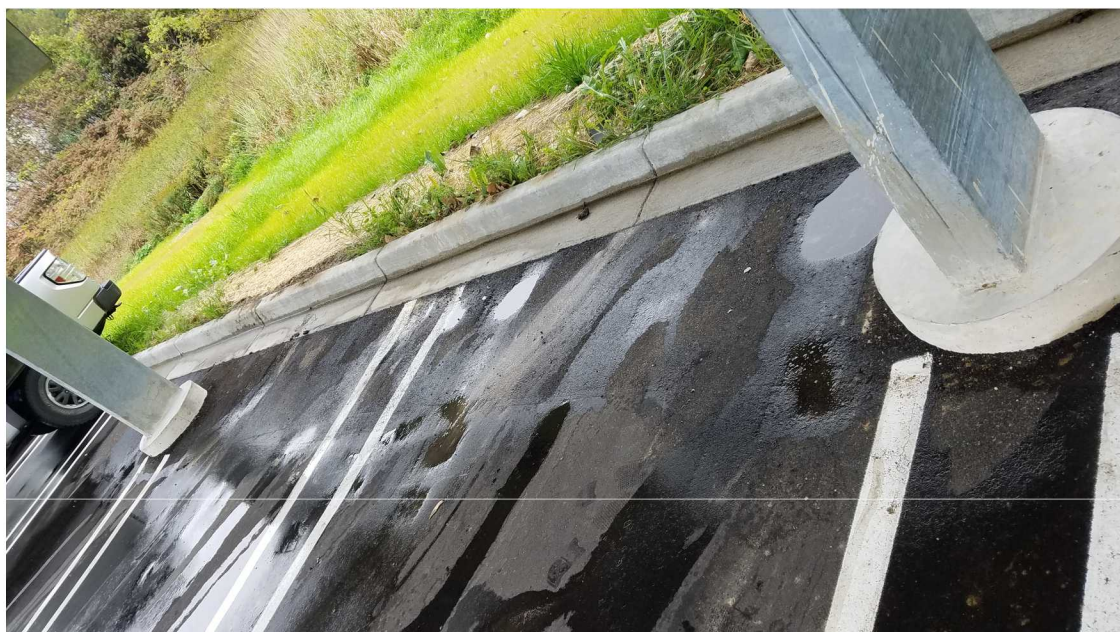
EAST DRIVE

- 3 Provide sealant around concrete collar joint with asphalt paving where existing catch basin rim was raised

LANDSCAPING

- 4 Portions of east lawn has not germinated.

See attached sample photos











10380 Highland Road
White Lake, MI 48386

Invoice

Date	Invoice #
9/21/2018	1964

Bill To
Livingston County 304 E. Grand River Ste. # 204 Howell, MI 48843

P.O. No.	Terms
	Net 30

Description	Prior Amt	Rate	Curr %	Amount
East complex Back and West Wall Repairs - Per contract dated 6/7/2018				
Bonds, Insurance	5,460.00	5,460.00	0.00%	0.00
GC's, Mobilization Including Lifts, Tools, Dumpsters, Hardware	20,000.00	25,739.91031	22.30%	5,740.00
Demolition	15,000.00	25,000.00	40.00%	10,000.00
Siding Material & Install	87,080.00	125,999.54676	30.89%	38,920.00
Remove & Replace 210 Sq Ft of Sidewalk		1,672.90	100.00%	1,672.90
~~~~~ CHANGE ORDER ~~~~~				
September 20, 2018				
> Added 1 00001/Change Order. (+\$1,672.90)				
Total change to estimate +\$1,672.90				
~~~~~				

Total \$56,332.90

Payments/Credits \$0.00

Balance Due \$56,332.90

Phone #	Fax #	E-mail
2483058181	(248)-305-8183	JOANNE@ENVISIONBUILDERS.NET



Our Mission

Integrity

in architecture and design
in client relationships
in employee relationships
in community relationships

advancement

in all these efforts

September 21, 2018

Livingston County Building Department
2300 E. Grand River Ave
Howell, MI 48843

Attn: Jim Rowell, Building Official

Re: Application and Certificate for Payment No.8

Dear Mr. Rowell:

Attached please find the application and certificate for payment No.8 from Allied Building Services. We find the completed work to be in general compliance with the requirements of the contract documents and the level of completeness to be equal to the revised amount indicated in the attached application. We reduced the amount certified to deduct the retainage that was requested in the application for payment. The project is not 100% complete, we have not received any closeout documentation or conducted a final punch list walkthrough with the contractor.

If this action meets with your approval, please proceed with payment to Allied Building Service Company of Detroit, Inc. in the revised amount indicated on the application.

Feel free to contact our office if you have any questions or comments regarding this application for payment.

A handwritten signature in black ink, appearing to read 'Michael J. Kennedy', with a stylized flourish at the end.

Michael J. Kennedy, President
Lindhout Associates architects aia pc

c.c. Natalie Hunt, Livingston County



Allied Building Services of Detroit, Inc.
1801 Howard Street
Detroit, MI 48216-1920
PH: (313) 230-0800

Invoice

Invoice Date August 31, 2018	Page 1 of 1
Billing Cycle -	
Invoice Number 00203972	
Amount Due \$66,970.77	

CUSTOMER:

Livingston County
304 E. Grand River Ave. Suite 203
Howell, MI
48843

LOCATION:

Livingston County East Complex (Liv Cty)
2300 East Grand River
Howell, MI
48843

Project 20027-East Complex Site Improvements	Terms net 30	Due Date September 30, 2018	Cust PO #
--	-----------------	--------------------------------	-----------

Description	Total
Invoice #8 for work completed through 8/31/2018.	\$66,970.77
sub-total:	\$66,970.77
sales tax:	\$0.00
total:	\$66,970.77
payments & credits:	\$0.00
balance due:	\$66,970.77

Allied Building Services pays all required sales tax on materials used on this invoice at the time of purchase.
If you have any questions regarding this invoice, contact Sally (313-230-0787 or sbeaudrie@teamallied.com).

REMIT PAYMENT TO:

Allied Building Services of Detroit, Inc. | 1801 Howard Street, Detroit, MI 48216-1920 | PH: (313) 230-0800 | FAX: (313) 230-0810

APPLICATION AND CERTIFICATION FOR PAYMENT

CUSTOMER

Livingston County
304 East Grand River, Suite 204
Howell, MI, 48843

PROJECT

East Complex Site
Improvements

AIA DOCUMENT G702

PAGE ONE OF TWO PAGE(S)

APPLICATION NO: 8

08/31/18

CONTRACTOR

Allied Building Service Company of Detroit, Inc.
1801 Howard St.
Detroit, MI 48216-1920

PROJECT LOCATION

East Complex
2300 E Grand River
Howell, MI, 48843

PERIOD TO: 08/31/18

☒ OWNER

☐ ARCHITECT

☐ CONTRACTOR

Contract # NA

Order # NA

ACT # NA

P.O. # NA

Job Number: 20027

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$	396,935.00
2. Net change by Change Orders	\$	46,490.19
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$	\$443,425.19
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$	\$438,553.54
5. RETAINAGE: (Original Contract Only)	\$	0.00
a. 0% of Completed Work (Column D + E on G703)	\$	0.00
b. 0% of Stored Material (Column F on G703)	\$	0.00
Total Retainage (Lines 5a + 5b or Total in Column I of G703)	\$	0.00
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$	438,553.54
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	371,582.77
8. CURRENT PAYMENT DUE	\$	66,970.77
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	4,871.65

Contractor: Michael Deason, Allied Building Service Company of Detroit, Inc.

By:  Date: 8/31/2018



ADAM SULLIVAN
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES JUL 5, 2022
Acting in County of Wayne

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ ~~66,970.77~~ **\$25,683.78**

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By:  Date: 9/21/2018

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

APPLICATION NO: 8
APPLICATION DATE: 08/31/18
PERIOD TO: 08/31/18

East Complex Site Improvements

A ITEM NO.	B DESCRIPTION OF WORK	C CONTRACT VALUE	D WORK COMPLETED FROM PREVIOUS APPLICATION	E WORK COMPLETED THIS PERIOD	F MATERIALS PRESENTLY STORED	G TOTAL COMPLETED AND STORED	H BALANCE TO FINISH (C - G)	Retainage %	
								I RETAINAGE	J %
1	General Conditions	\$ 15,203.00	14,442.85	-		14,442.85	760.15		95.00%
2	Asphalt	\$ 86,910.00	86,910.00	-		86,910.00	-		100.00%
3	gates and fencing	\$ 69,752.00	69,752.00	-		69,752.00	-		100.00%
4	concrete and site work	\$ 75,620.00	75,620.00	-		75,620.00	-		100.00%
5		\$ -	-	-		-	-		0.00%
6	electrical	\$ 41,115.00	37,003.50	-		37,003.50	4,111.50		90.00%
7	Modification 1	\$ 29,935.00	26,941.50	2,993.50		29,935.00	-		100.00%
8	Change Order 001	\$ 16,498.00	16,498.00	-		16,498.00	-		100.00%
9	Change Order 002	\$ 1,817.89	1,817.89	-		1,817.89	-		100.00%
26	Change Order 003	\$ 7,834.30	5,484.01	2,350.29		7,834.30	-		100.00%
27	carport steel and installation	\$ 78,400.00	78,400.00	-		78,400.00	-		100.00%
32	Change Order 004	\$ 20,340.00	-	20,340.00		20,340.00	-		100.00%
33			-	-		-	-		-
34			-	-		-	-		-
35			-	-		-	-		-
36			-	-		-	-		-
37			-	-		-	-		-
38			-	-		-	-		-
39			-	-		-	-		-
	Total	\$443,425.19	\$412,869.75	\$25,683.79	\$0.00	\$438,553.54	\$4,871.65	98.90%	\$0.00

G703-1992

AIA DOCUMENT G703 - CONTINUATION SHEET FOR G702 - 1992 EDITION - AIA © 1992
THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W. WASHINGTON, D.C. 20006-5292

Job No. : 20027 - East Complex :
Draw Close Date : 12/31/17
Draw No. : 7

SWORN STATEMENT

STATE OF Michigan COUNTY OF Wayne, MI SS. Allied Building Service is the
Mike Deason, being duly sworn, deposes and says that Livingston County
subcontractor for an improvement to the following described real property situated in Livingston County
described as follows: Livingston County East Complex 2300 E. Grand River, Howell, MI, 48843

That the following is a statement of each subcontractor and supplier and laborer, for which the payment of wages or fringe benefits and withholdings may due but unpaid,
with whom the contractor/subcontractor has contracted/subcontracted for performance under the contract with the owner or lessees thereof, and that the amounts due to or the amounts paid to
the persons as of the date hereof are correctly and fully set forth opposite their names as follows:

NO.	NAME OF SUBCONTRACTOR, SUPPLIER, OR LABORER	TYPE OF IMPROVEMENT FURNISHED	TOTAL CONTRACT PRICE	ADJUSTMENT TO CONTRACT PRICE	AMOUNT ALREADY PAID	AMOUNT PAYING FOR THIS PERIOD	BALANCE TO COMPLETE
1	Allied Construction Co.	Materials	79,681.00		71,344.80	8,336.20	0.00
2	JJ Contracting	Materials	79,000.00		64,000.00		15,000.00
3	Security Access Controls Inc	Materials	86,613.00		86,613.00		0.00
4	Redinger Steel Erectors, Inc	Materials	24,250.00			24,250.00	
5	Boss Engineering	Materials	1,800.00			1,800.00	
6	Allied Building Service	Electrical and General Con	171,012.44		149,624.97	32,584.57	-10,128.35
7							
8							
9							
10							
11							
64							
TOTALS			\$ 442,356.44	\$ -	\$ 371,582.77	\$ 66,970.77	\$ 4,871.65

Deponent further says that he or she makes the foregoing statement as the (contractor)
(subcontractor) or as _____ of the (contractor) (subcontractor) for the
purpose of representing to the owner or lessee of the above described premises and his
or her agents that the above described property is free from claims of construction liens, or
the possibility of construction liens, except as specifically set forth above and except for
claims of construction liens by laborers which may be provided.

Furthermore, the Deponent confirms that the subcontractor has not procured material from,
or subcontracted with, any person or company other than those set forth and owes
no money for the improvement other than the sums set forth above.

WARNING TO OWNER: AN OWNER OR LESSEE OF THE ABOVE DESCRIBED PROPERTY
MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUB-CONTRACTOR,
SUPPLIER, OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING OR A LABORER
WHO MAY PROVIDE A NOTICE OF FURNISHING PURSUANT TO SECTION 109 OF THE
CONSTRUCTION LIEN ACT TO THE DESIGNER OR TO THE OWNER OR LESSEE IF THE
DESIGNEE IS NOT NAMED OR HAS DIED.

WARNING TO DEPONENT: A PERSON, WHO WITH INTENT TO DEFRAUD, GIVES
A FALSE SWORN STATEMENT IS SUBJECT TO CRIMINAL PENALTIES AS
APPLICABLE BY THE LAWS OF YOUR STATE



Deponent

Deponent Signature Must Be Notarized

Subscribed and sworn to before me
this _____ day of _____,

Notary Public, _____ County, _____ (State)

My commission expires: _____

WAIVER OF LIEN

I/we have a contract with: Livingston County
(Contractor)
to provide East Complex Site Improvement for the improvements
to the property described as: Livingston County East Complex
located at: 2300 East Grand River, Howell, MI, 4883
and by signing this waiver waive my/our construction lien in the amount of \$ 66,970.77
for labor/materials provided through 08/31/2018
(date of draw cutoff or actual payment)

It is mutually agreed by both Contractor & Lien Claimant that payment in the amount listed above is the only condition to Lien Claimant limiting him/her from unconditionally waiving all lien rights through the date specified.

This waiver, together with all previous waivers, if any,

- ☒ DOES COVER
☐ DOES NOT COVER

all amounts due me/us for contract improvement provided *through the date shown above*.

By signing this document and upon receiving payments totaling the amounts listed on the line "Total Pmt Rcvd to Date*", Lien Claimant confirms and waives any lien right what so ever, against any party what so ever, for the amounts listed below on the line labeled "Total Pmt Rcvd To Date*" and Lien Claimant further confirms that the Statement of Account below is True & Accurate.

STATEMENT OF ACCOUNT	
Contract Price:	396,935.00
Changes:	\$ 46,490.19
New Contract Total:	\$ 443,425.19
Total Pmt Rcvd To Date*:	\$371,582.77
Balance Not Yet Rcvd:	\$ 71,842.42

05-09-2018

(Date Signed)

Allied Building Service

(Company Name)

Mike Deason

(Printed Name of Lien Claimant)

1801 Howard St

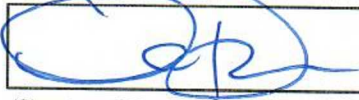
(Address, City, State, Zip of Lien Claimant)

313-230-0777

(Telephone of Lien Claimant)

mdeason@teamallied.com

(Email of Lien Claimant)



(Signature of Lien Claimant)

DO NOT SIGN BLANK OR INCOMPLETE FORMS. RETAIN A COPY

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Our Mission

Integrity

in architecture and design
in client relationships
in employee relationships
in community relationships

advancement

in all these efforts

October 12, 2018

Livingston County 911 Central Dispatch
300 S. Highlander Way
Howell, MI 48843

Attn: Chad Chewning, Director

Re: Application and Certificate for Payment No. 3

Dear Chad,

Attached please find the application and certificate for payment No. 3 from J.S. Vig Construction Company. We recently visited the site on Tuesday, October 9, 2018 and observed the work in progress. This payment application includes portions of footings, masonry, site excavation, electrical, permit costs, testing, general conditions and Contractor's fee. It should also be noted that this payment application includes payment for structural steel that is currently being stored off-site. The contractor has provided photo and insurance documentation per our request, and we have attached it to this application for your review. Partial unconditional waivers of lien are also included from previous payment application No. 2. In conclusion we find the completed work to be in general compliance with the requirements of the contract documents and the level of completeness to be equal to the amount indicated on the attached application.

If this action meets with your approval, please proceed with payment to J.S. Vig Construction Company in the amount indicated on the application.

Feel free to contact our office if you have any questions or concerns regarding this information.

A handwritten signature in black ink, appearing to read 'B. M. Alvord'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Bradley M. Alvord, Project Architect, Partner
Lindhout Associates architects aia pc

c.c. Natalie Hunt, Livingston County

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER:
Livingston County
304 E. Grand River Suite 202
Howell, MI 48843

PROJECT:
Livingston County 911 Central Dispatch
300 S. Highlander Way
Howell, MI 4843

APPLICATION No: 3
PERIOD TO: 9/30/2018
PROJECT NOS: 1673
CONTRACT DATE: 6/26/2018

Job # 00-1673

FROM CONTRACTOR:
J S Vig Construction Company
15040 Cleat Street
Plymouth, MI 48170

ARCHITECT:
Lindhout Associates Architects
10465 Citation Drive
Brighton, MI 48116

CONTRACT FOR: GENERAL TRADES

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment as shown below, in connection with the Contract
Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM.....	\$ 5,444,173.00
2. Net Change by Change Orders.....	\$ -
3. CONTRACT SUM TO DATE.....	\$ 5,444,173.00
4. TOTAL COMPLETED & STORED TO DATE.....	\$ 1,204,314.35
5. Direct Checks Previously Issued by Owner.....	\$ -
6. Direct Checks to be Issued by Owner this Draw.....	
7. JS Vig Completed & Stored.....	\$ 1,204,314.35
8. RETAINAGE	
Total Retainage.....	\$ 103,563.74
9. TOTAL EARNED LESS RETAINAGE.....	\$ 1,100,750.62
10. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....	\$ 676,133.72
11. Current Payment Due - JS Vig.....	\$ 424,616.90
12. Current direct checks to Subcontractors.....	
13. BALANCE TO FINISH, INCLUDING RETAINAGE.....	\$ 4,343,422.39

Change Order/Contract	ADDITIONS	DEDUCTIONS
Total Changes approved in Previous months by Owner	-	-
Total approved this month		
TOTALS	-	-
NET CHANGES by Change Order	-	-

The Contractor certified that the work covered by this pay request has been completed in accordance with the Contract Documents and that all progress payments previously paid by the Owner have been applied by the Contractor to discharge in full all of Contractor's obligations incurred in connection with the work covered by all prior pay requests.

Contractor: JS Vig Construction Company
STATE OF MICHIGAN, COUNTY OF WAYNE
Subscribed and sworn before me this
NOTARY PUBLIC: Elaine Kennedy

10-1-18
Date
1 day of October, 2018

My commission expires: April 28, 2023

EL Kennedy

ELAINE KENNEDY
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
MY COMMISSION EXPIRES Apr 28, 2023
ACTING IN COUNTY OF Wayne

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and the Continuation Sheet that are changed to conform with the amount certified.)

Architect

\$ 424,616.90
10-12-18
Date

1673	Livingston County 911										
Item	Description	Original Contract	Change Orders	Revised Contract Value	Previously Billed	Billing this Period	Stored Materials	Total Billed	Balance to Bill	Overall %	Retention Held
1	Project Management, Engineer	\$ 82,340.00		\$ 82,340.00	\$ 18,300.00	\$ 5,300.00		\$ 23,600.00	\$ 58,740.00	29%	\$ 2,360.00
2	Supervision	\$ 166,055.00		\$ 166,055.00	\$ 32,100.00	\$ 11,629.00		\$ 43,729.00	\$ 122,326.00	26%	\$ 4,372.90
3	Project Labor	\$ 50,000.00		\$ 50,000.00	\$ 10,000.00			\$ 10,000.00	\$ 40,000.00	20%	\$ 1,000.00
4	Layout & Staking	\$ 20,000.00		\$ 20,000.00	\$ 4,701.50	\$ 6,116.50		\$ 10,818.00	\$ 9,182.00	54%	\$ 1,081.80
5	Safety	\$ 8,440.00		\$ 8,440.00	\$ 1,137.72			\$ 1,137.72	\$ 7,302.28	13%	\$ 113.77
6	Miscellaneous Rentals, Materials	\$ 40,000.00		\$ 40,000.00	\$ 1,673.00	\$ 1,689.30		\$ 3,362.30	\$ 36,637.70	8%	\$ 336.23
7	Blue Prints & Office Supplies	\$ 2,500.00		\$ 2,500.00	\$ 350.21	\$ 30.97		\$ 381.18	\$ 2,118.82	15%	\$ 38.12
8	Security (Allowance)	\$ 5,000.00		\$ 5,000.00				\$ -	\$ 5,000.00	0%	\$ -
9	Field Offices & Other Site Facilities	\$ 10,000.00		\$ 10,000.00	\$ 2,199.20	\$ 624.00		\$ 2,823.20	\$ 7,176.80	28%	\$ 282.32
10	Temporary Barricades & Signage	\$ 2,000.00		\$ 2,000.00	\$ 1,000.00			\$ 1,000.00	\$ 1,000.00	50%	\$ 100.00
11	Dumpsters	\$ 12,000.00		\$ 12,000.00				\$ -	\$ 12,000.00	0%	\$ -
12	Final Clean Up	\$ 5,000.00		\$ 5,000.00				\$ -	\$ 5,000.00	0%	\$ -
13	Building Demolition	\$ 30,000.00		\$ 30,000.00				\$ -	\$ 30,000.00	0%	\$ -
14	Building Asbestos Remediation	\$ 15,100.00		\$ 15,100.00				\$ -	\$ 15,100.00	0%	\$ -
15	Concrete Footings	\$ 141,245.00		\$ 141,245.00		\$ 88,460.00		\$ 88,460.00	\$ 52,785.00	63%	\$ 8,846.00
16	Concrete Flatwork Phase I	\$ 143,925.00		\$ 143,925.00				\$ -	\$ 143,925.00	0%	\$ -
17	Concrete Flatwork Phase II	\$ 37,535.00		\$ 37,535.00				\$ -	\$ 37,535.00	0%	\$ -
18	Masonry	\$ 549,900.00		\$ 549,900.00		\$ 116,040.00		\$ 116,040.00	\$ 433,860.00	21%	\$ 11,604.00
19	Structural Steel	\$ 237,000.00		\$ 237,000.00	\$ 12,000.00		\$ 152,150.00	\$ 164,150.00	\$ 72,850.00	69%	\$ 16,415.00
20	Architectural Woodwork	\$ 70,750.00		\$ 70,750.00				\$ -	\$ 70,750.00	0%	\$ -
21	Dampproofing & Waterproofing	\$ 21,000.00		\$ 21,000.00				\$ -	\$ 21,000.00	0%	\$ -
22	Architectural Metal Panels	\$ 154,468.00		\$ 154,468.00				\$ -	\$ 154,468.00	0%	\$ -
23	Membrane Roofing	\$ 153,800.00		\$ 153,800.00				\$ -	\$ 153,800.00	0%	\$ -
24	Firestopping	\$ 2,500.00		\$ 2,500.00				\$ -	\$ 2,500.00	0%	\$ -
25	Spray Applied Fireproofing	\$ 2,700.00		\$ 2,700.00				\$ -	\$ 2,700.00	0%	\$ -
26	Caulking	\$ 4,000.00		\$ 4,000.00				\$ -	\$ 4,000.00	0%	\$ -
27	Doors, Frames & Hardware	\$ 145,472.00		\$ 145,472.00				\$ -	\$ 145,472.00	0%	\$ -
28	Entrances and Storefronts	\$ 138,000.00		\$ 138,000.00				\$ -	\$ 138,000.00	0%	\$ -
29	Drywall and Metal Studs	\$ 400,074.00		\$ 400,074.00				\$ -	\$ 400,074.00	0%	\$ -
30	Wall & Floor Tiling	\$ 32,215.00		\$ 32,215.00				\$ -	\$ 32,215.00	0%	\$ -
31	Carpet Tile and Base	\$ 42,446.00		\$ 42,446.00				\$ -	\$ 42,446.00	0%	\$ -
32	Access Flooring; Dispatch	\$ 48,700.00		\$ 48,700.00				\$ -	\$ 48,700.00	0%	\$ -
33	Painting	\$ 22,858.00		\$ 22,858.00				\$ -	\$ 22,858.00	0%	\$ -
34	Markerboards	\$ 1,104.00		\$ 1,104.00				\$ -	\$ 1,104.00	0%	\$ -
35	Projector Screen	\$ 5,960.00		\$ 5,960.00				\$ -	\$ 5,960.00	0%	\$ -
36	Toilet Compartments	\$ 4,350.00		\$ 4,350.00				\$ -	\$ 4,350.00	0%	\$ -
37	Fire Extinguishers and Cabinets	\$ 1,170.00		\$ 1,170.00				\$ -	\$ 1,170.00	0%	\$ -
38	Lockers	\$ 10,035.00		\$ 10,035.00				\$ -	\$ 10,035.00	0%	\$ -
39	Benches	\$ 1,680.00		\$ 1,680.00				\$ -	\$ 1,680.00	0%	\$ -
40	Window Treatments	\$ 6,357.00		\$ 6,357.00				\$ -	\$ 6,357.00	0%	\$ -
41	Fire Protection	\$ 44,937.00		\$ 44,937.00				\$ -	\$ 44,937.00	0%	\$ -
42	Plumbing	\$ 114,400.00		\$ 114,400.00				\$ -	\$ 114,400.00	0%	\$ -
43	HVAC	\$ 226,630.00		\$ 226,630.00				\$ -	\$ 226,630.00	0%	\$ -
44	Electrical	\$ 903,150.00		\$ 903,150.00	\$ 40,068.50	\$ 33,368.45		\$ 73,436.95	\$ 829,713.05	8%	\$ 7,343.70
45	Site Excavation	\$ 365,345.00	\$ 144,164.00	\$ 509,509.00	\$ 409,739.00	\$ 15,360.00		\$ 425,099.00	\$ 84,410.00	83%	\$ 42,509.90
46	Asphalt Phase I	\$ 63,385.00		\$ 63,385.00				\$ -	\$ 63,385.00	0%	\$ -
47	Asphalt Phase II	\$ 48,805.00		\$ 48,805.00				\$ -	\$ 48,805.00	0%	\$ -
48	Fencing	\$ 87,013.00		\$ 87,013.00				\$ -	\$ 87,013.00	0%	\$ -
49	Perimeter Fence (Allowance)	\$ 4,000.00		\$ 4,000.00				\$ -	\$ 4,000.00	0%	\$ -
50	Landscaping	\$ 87,867.00		\$ 87,867.00				\$ -	\$ 87,867.00	0%	\$ -
51	Project Contingency	\$ 267,771.33	\$ (153,363.00)	\$ 114,408.33				\$ -	\$ 114,408.33	0%	\$ -
52	Performance and Payment Bond	\$ 47,998.00	\$ 1,441.00	\$ 49,439.00	\$ 47,998.00			\$ 47,998.00	\$ 1,441.00	97%	
53	Building Permit	\$ 70,000.00		\$ 70,000.00	\$ 67,200.00	\$ 1,928.00		\$ 69,128.00	\$ 872.00	99%	
54	Testing and Inspecting Services	\$ 20,000.00		\$ 20,000.00	\$ 4,395.00	\$ 15,605.00		\$ 20,000.00	\$ -	100%	\$ 2,000.00
55	Insurance	\$ 38,398.00	\$ 1,153.00	\$ 39,551.00	\$ 38,398.00	\$ 1,153.00		\$ 39,551.00	\$ -	100%	
56	Preconstruction Fee	\$ 12,000.00		\$ 12,000.00	\$ 12,000.00			\$ 12,000.00	\$ -	100%	
57	Overhead & Profit	\$ 214,794.67	\$ 6,605.00	\$ 221,399.67	\$ 29,600.00	\$ 22,000.00		\$ 51,600.00	\$ 169,799.67	23%	\$ 5,160.00
Agenda Page 20 of 64											
		\$ 5,444,173.00	\$ -	\$ 5,444,173.00	\$ 732,860.13	\$ 319,304.22	\$ 152,150.00	\$ 1,204,314.35	\$ 4,239,858.65	22%	\$ 103,563.74

Joseph Vlg

being duly sworn, deposes and says that

J.S. Vg Construction Company

Is the contractor for an improvement to the following real property situated in
described as follows : (address / legal) 222, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000, 1002, 1004, 1006, 1008, 1010, 1012, 1014, 1016, 1018, 1020, 1022, 1024, 1026, 1028, 1030, 1032, 1034, 1036, 1038, 1040, 1042, 1044, 1046, 1048, 1050, 1052, 1054, 1056, 1058, 1060, 1062, 1064, 1066, 1068, 1070, 1072, 1074, 1076, 1078, 1080, 1082, 1084, 1086, 1088, 1090, 1092, 1094, 1096, 1098, 1100, 1102, 1104, 1106, 1108, 1110, 1112, 1114, 1116, 1118, 1120, 1122, 1124, 1126, 1128, 1130, 1132, 1134, 1136, 1138, 1140, 1142, 1144, 1146, 1148, 1150, 1152, 1154, 1156, 1158, 1160, 1162, 1164, 1166, 1168, 1170, 1172, 1174, 1176, 1178, 1180, 1182, 1184, 1186, 1188, 1190, 1192, 1194, 1196, 1198, 1200, 1202, 1204, 1206, 1208, 1210, 1212, 1214, 1216, 1218, 1220, 1222, 1224, 1226, 1228, 1230, 1232, 1234, 1236, 1238, 1240, 1242, 1244, 1246, 1248, 1250, 1252, 1254, 1256, 1258, 1260, 1262, 1264, 1266, 1268, 1270, 1272, 1274, 1276, 1278, 1280, 1282, 1284, 1286, 1288, 1290, 1292, 1294, 1296, 1298, 1300, 1302, 1304, 1306, 1308, 1310, 1312, 1314, 1316, 1318, 1320, 1322, 1324, 1326, 1328, 1330, 1332, 1334, 1336, 1338, 1340, 1342, 1344, 1346, 1348, 1350, 1352, 1354, 1356, 1358, 1360, 1362, 1364, 1366, 1368, 1370, 1372, 1374, 1376, 1378, 1380, 1382, 1384, 1386, 1388, 1390, 1392, 1394, 1396, 1398, 1400, 1402, 1404, 1406, 1408, 1410, 1412, 1414, 1416, 1418, 1420, 1422, 1424, 1426, 1428, 1430, 1432, 1434, 1436, 1438, 1440, 1442, 1444, 1446, 1448, 1450, 1452, 1454, 1456, 1458, 1460, 1462, 1464, 1466, 1468, 1470, 1472, 1474, 1476, 1478, 1480, 1482, 1484, 1486, 1488, 1490, 1492, 1494, 1496, 1498, 1500, 1502, 1504, 1506, 1508, 1510, 1512, 1514, 1516, 1518, 1520, 1522, 1524, 1526, 1528, 1530, 1532, 1534, 1536, 1538, 1540, 1542, 1544, 1546, 1548, 1550, 1552, 1554, 1556, 1558, 1560, 1562, 1564, 1566, 1568, 1570, 1572, 1574, 1576, 1578, 1580, 1582, 1584, 1586, 1588, 1590, 1592, 1594, 1596, 1598, 1600, 1602, 1604, 1606, 1608, 1610, 1612, 1614, 1616, 1618, 1620, 1622, 1624, 1626, 1628, 1630, 1632, 1634, 1636, 1638, 1640, 1642, 1644, 1646, 1648, 1650, 1652, 1654, 1656, 1658, 1660, 1662, 1664, 1666, 1668, 1670, 1672, 1674, 1676, 1678, 1680, 1682, 1684, 1686, 1688, 1690, 1692, 1694, 1696, 1698, 1700, 1702, 1704, 1706, 1708, 1710, 1712, 1714, 1716, 1718, 1

Pay App #3 September 2018

That the following is a statement of each subcontractor and supplier and laborer, for which laborer the payment of wages or fringe benefits and withholdings is due but unpaid, with whom the (contractor)/(subcontractor) has (contracted)/(subcontracted) for performance under the contract with the owner thereof, and that the amounts due to the persons as of the date hereof are correctly and fully set forth opposite their names, as follows:

Subcontractor/Supplier/Laborer	Type of Improvement	Total Contract	Change Orders	Adjusted Contract	Amount Paid	Amount Due	Balance to Complete
JS Vig	Construction Management	1,024,733.00	(144,164.00)	880,569.00	256,275.62	54,271.45	570,081.93
BAC	Marker boards	1,104.00		1,104.00			1,104.00
BDS Environmental	Asbestos Removal	15,100.00		15,100.00			15,100.00
Boss Engineering	Layout & Staking	14,300.00		14,300.00	4,281.35	5,504.85	4,563.80
Brockman Construction	Masonry	549,000.00		549,000.00		104,436.00	444,564.00
Butcher & Butcher	Membrane Roofing	153,800.00		153,800.00			153,800.00
CEI Materials	Metal Siding	154,468.00		154,468.00			154,468.00
Conventional Carpet	Carpet	40,446.00		40,446.00			40,446.00
Crampton Electric	Electrical	803,150.00		803,150.00	36,001.65	30,031.60	837,058.75
Data Supplies	Access Flooring	48,700.00		48,700.00			48,700.00
EGD Glass & Door	Entrances and Storefronts	138,000.00		138,000.00			138,000.00
FBI	Doors, Frames, and Hardware	145,472.00		145,472.00			145,472.00
Future Fence	Fencing	87,013.00		87,013.00			87,013.00
G&T Commercial	Painting	22,856.00		22,856.00			22,856.00
George F. Wilbur	Plumbing	114,400.00		114,400.00			114,400.00
Hamish	Fireproofing	2,700.00		2,700.00			2,700.00
Huron Acoustic	Drywall	338,374.00		338,374.00			338,374.00
Joe Ralca Excavating	Excavating	502,549.00	144,164.00	646,713.00	368,765.10	13,824.00	264,223.90
Leo's Concrete	Concrete Flatwork	181,460.00		181,460.00			181,460.00
Nagle Paving	Asphalt Paving	112,190.00		112,190.00			112,190.00
Novi Wall	Footings	141,245.00		141,245.00		79,614.00	61,631.00
Phantom Fire Protection	Fire Protection	44,937.00		44,937.00			44,937.00
Progressive Plumbing	Plumbing Accessories	13,160.00		13,160.00			13,160.00
RAM Construction	Masonry Cautking	25,000.00		25,000.00			25,000.00
S&G Fabricators	Steel	237,000.00		237,000.00	10,800.00	136,935.00	88,265.00
Shulving Inc.	Lockers	9,035.00		9,035.00			9,035.00
Shores Tile Company	Tile	32,215.00		32,215.00			32,215.00
Sobania	Architectural Millwork	70,760.00		70,760.00			70,760.00
The Sheer Soap	Window Treatments	6,357.00		6,357.00			6,357.00
WM Floyd Co.	HVAC	226,630.00		226,630.00			226,630.00
World Class Contracting	Landscaping	67,887.00		67,887.00			67,887.00
TOTAL AMOUNTS		5,444,173.00		5,444,173.00	676,133.72	424,616.80	4,343,422.39

The contractor has not procured material from, or subcontracted with, any person other than those set forth above and owes no money for the improvement other than the sums set forth.

I make this statement as the contractor or as CEO of J S Vig Construction Company to represent to the owner or lessee of the property and his or her agents that the property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth in this statement and except for claims of construction liens by laborers that may be provided under section 109 of the construction lien act, 1980 PA497, MCL 570-1109

WARNING TO OWNER: AN OWNER OR LESSEE OF THE PROPERTY SHALL NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING OR A LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING UNDER SECTION 109 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1109, TO THE DESIGNEE OR TO THE OWNER OR LESSEE IF THE DESIGNEE IS NOT NAMED OR HAS DIED.

IF THIS SWORN STATEMENT IS IN REGARD TO A RESIDENTIAL STRUCTURE, ON RECEIPT OF THE SWORN STATEMENT, THE OWNER OR LESSEE, OR THE OWNER'S OR LESSEE'S DESIGNEE, MUST GIVE NOTICE OF ITS RECEIPT, EITHER IN WRITING, BY TELEPHONE, OR PERSONALLY, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING UNDER SECTION 109 OR, IF A NOTICE OF FURNISHING IS EXCUSED UNDER SECTION 108 OR 108A, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER NAMED IN THE SWORN STATEMENT. IF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO IS ENTITLED TO NOTICE OF RECEIPT OF THE SWORN STATEMENT MAKES A REQUEST, THE OWNER, LESSEE, OR DESIGNEE SHALL PROVIDE THE REQUESTER A COPY OF THE SWORN STATEMENT WITH 10 BUSINESS DAYS AFTER RECEIVING THE REQUEST.

Joseph S. Vitz

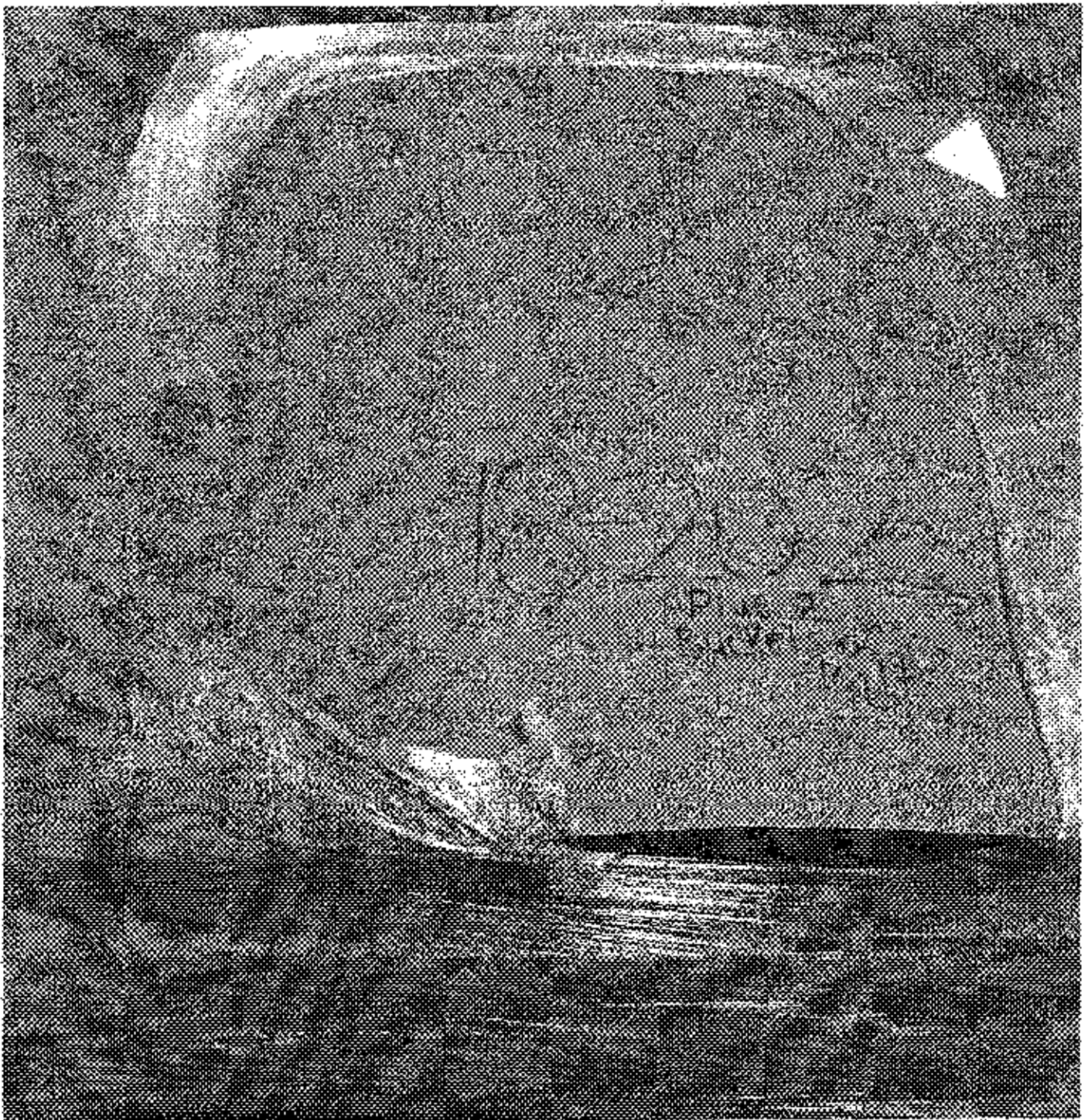
Joseph Vig

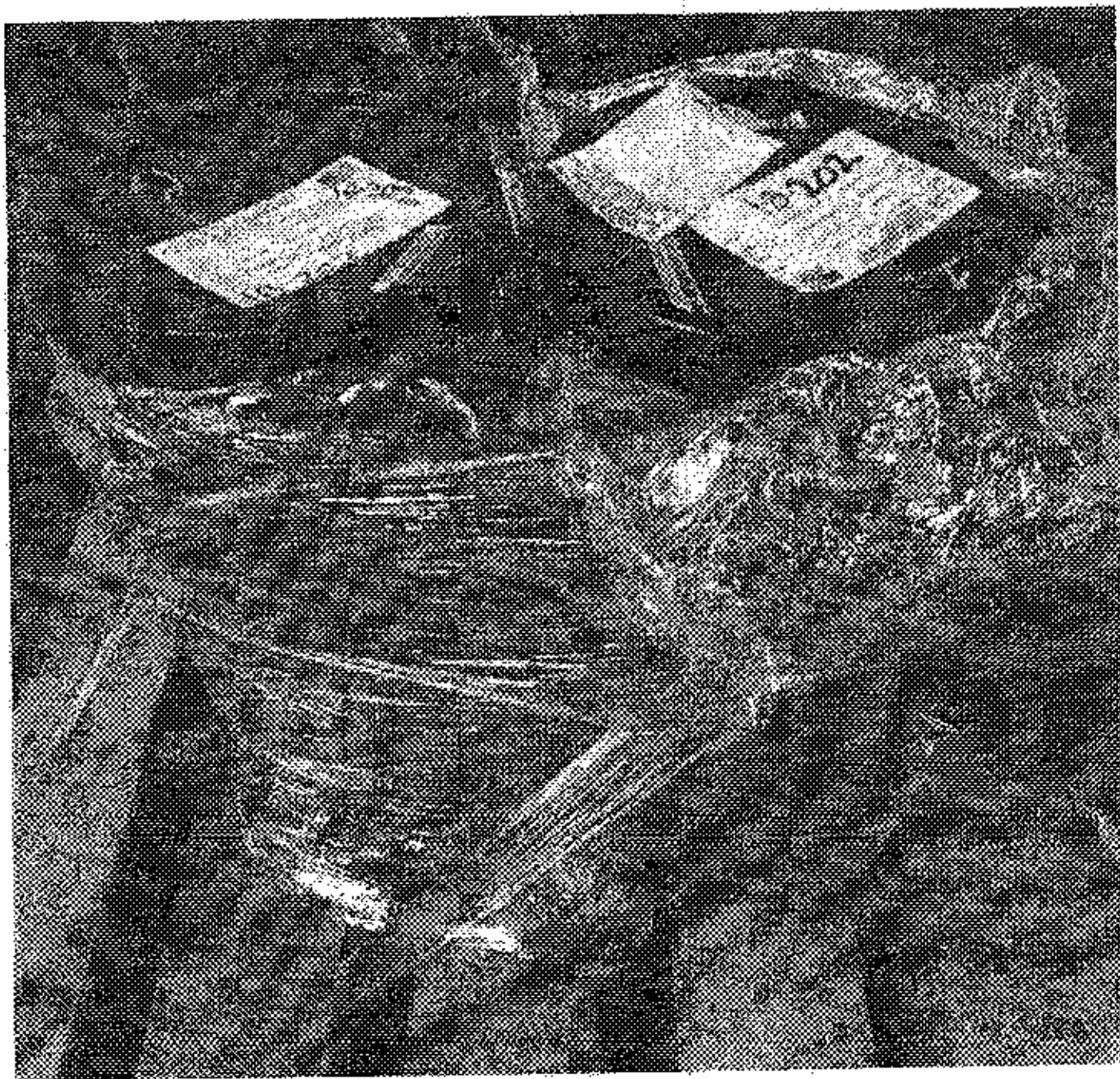
WARNING TO DEPONENT: A PERSON, WHO GIVES A FALSE SWORN STATEMENT WITH THE INTENT TO FRAUD IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, 1980 P.A. 497, MCL 570.1110.

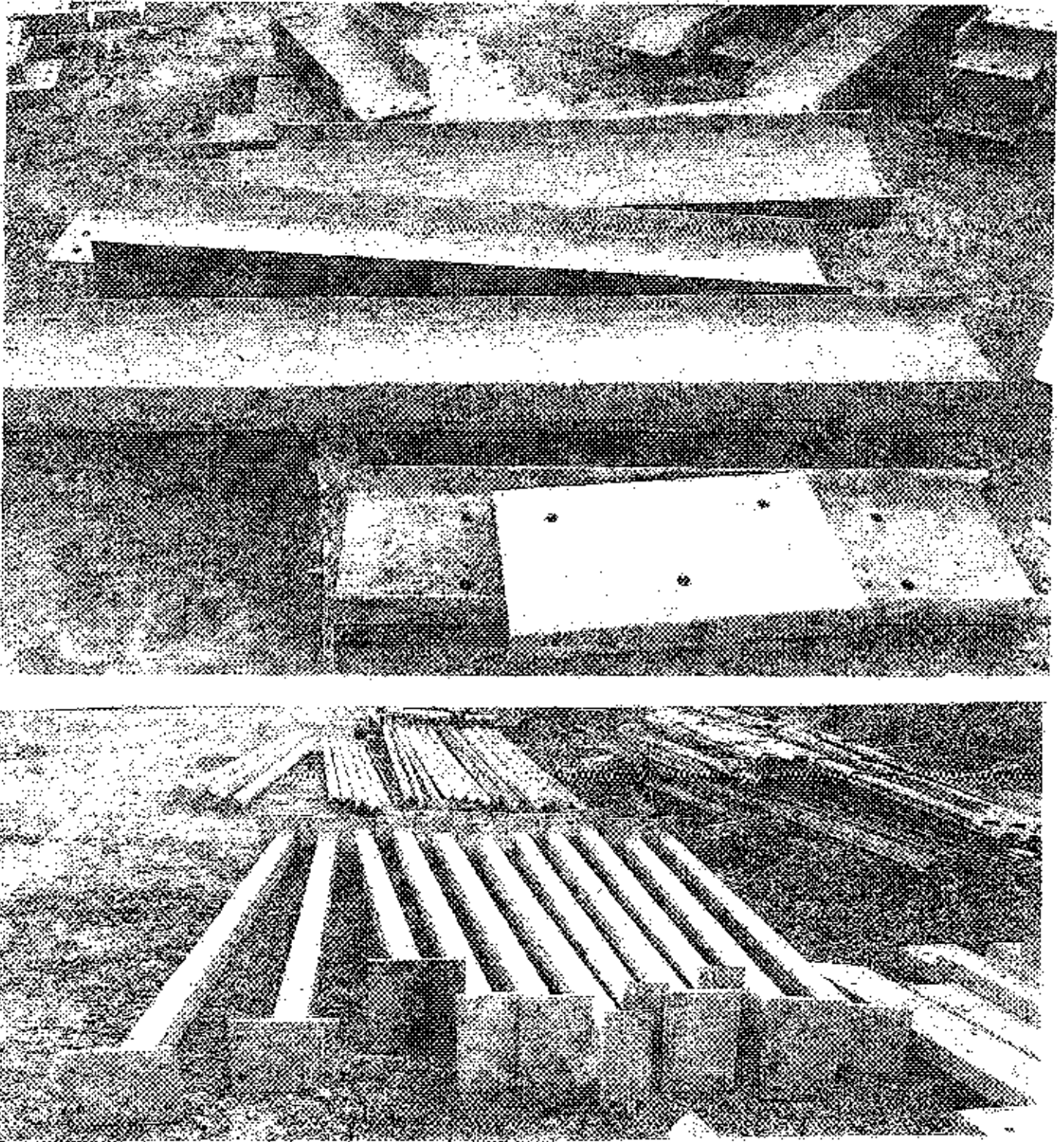
Subscribed and sworn to before me this
1 day of October, 2018

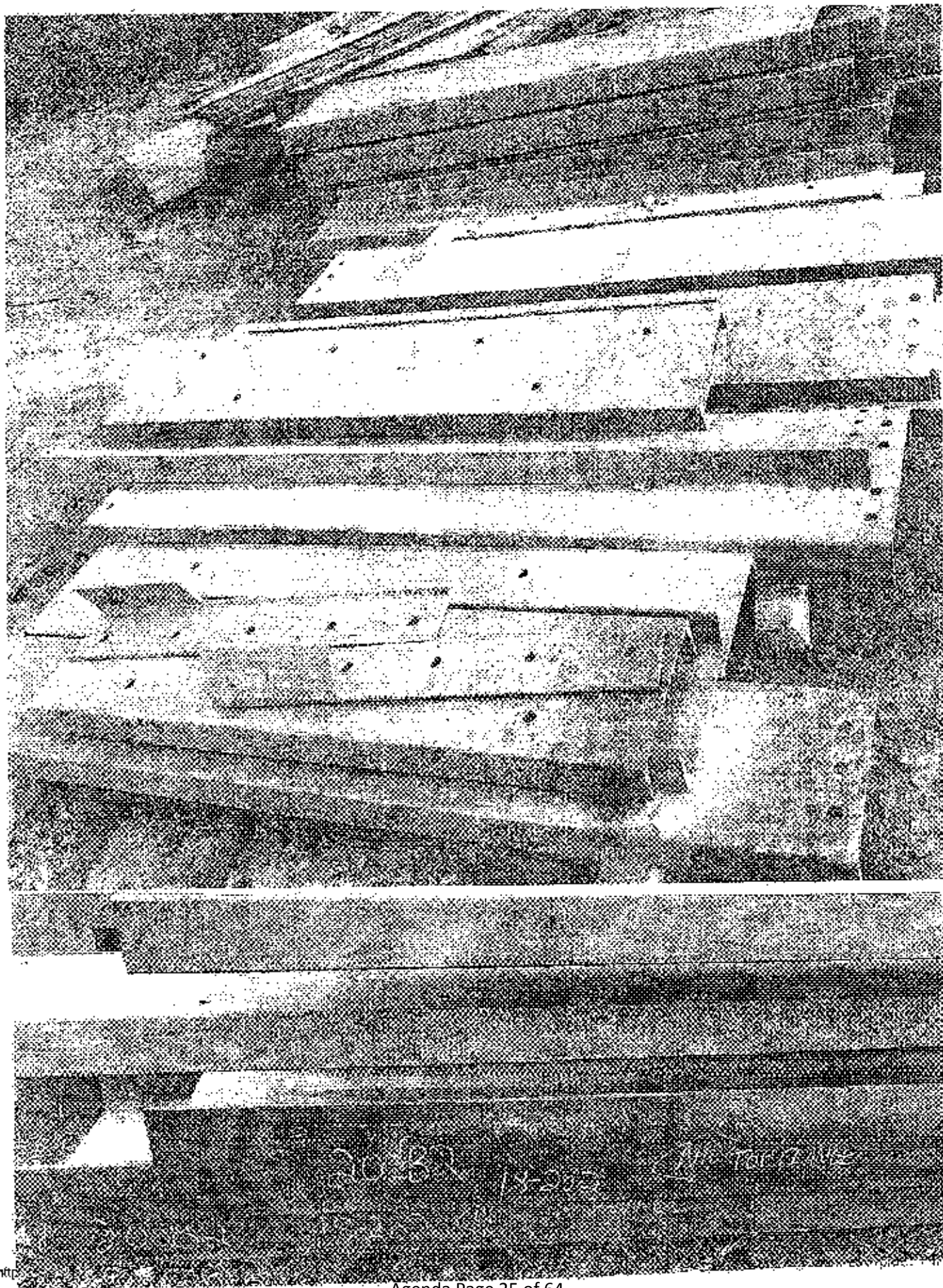
Ed Kennedy
Ed Kennedy

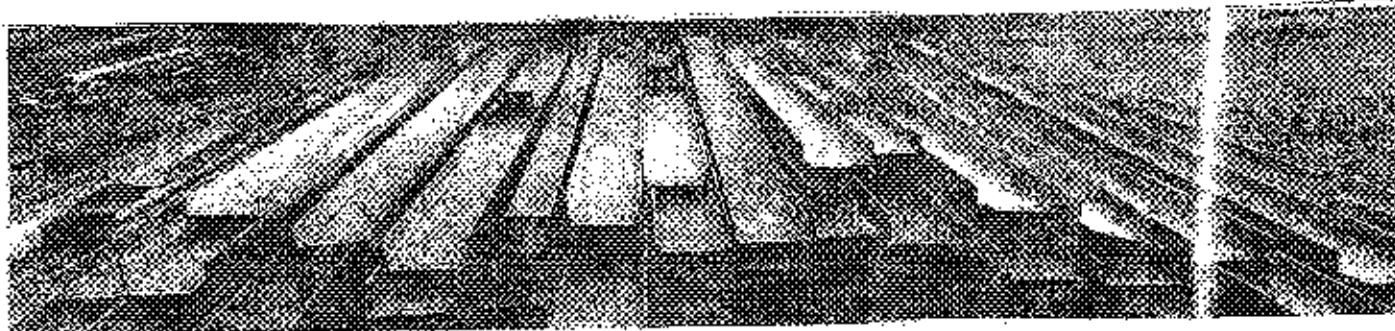
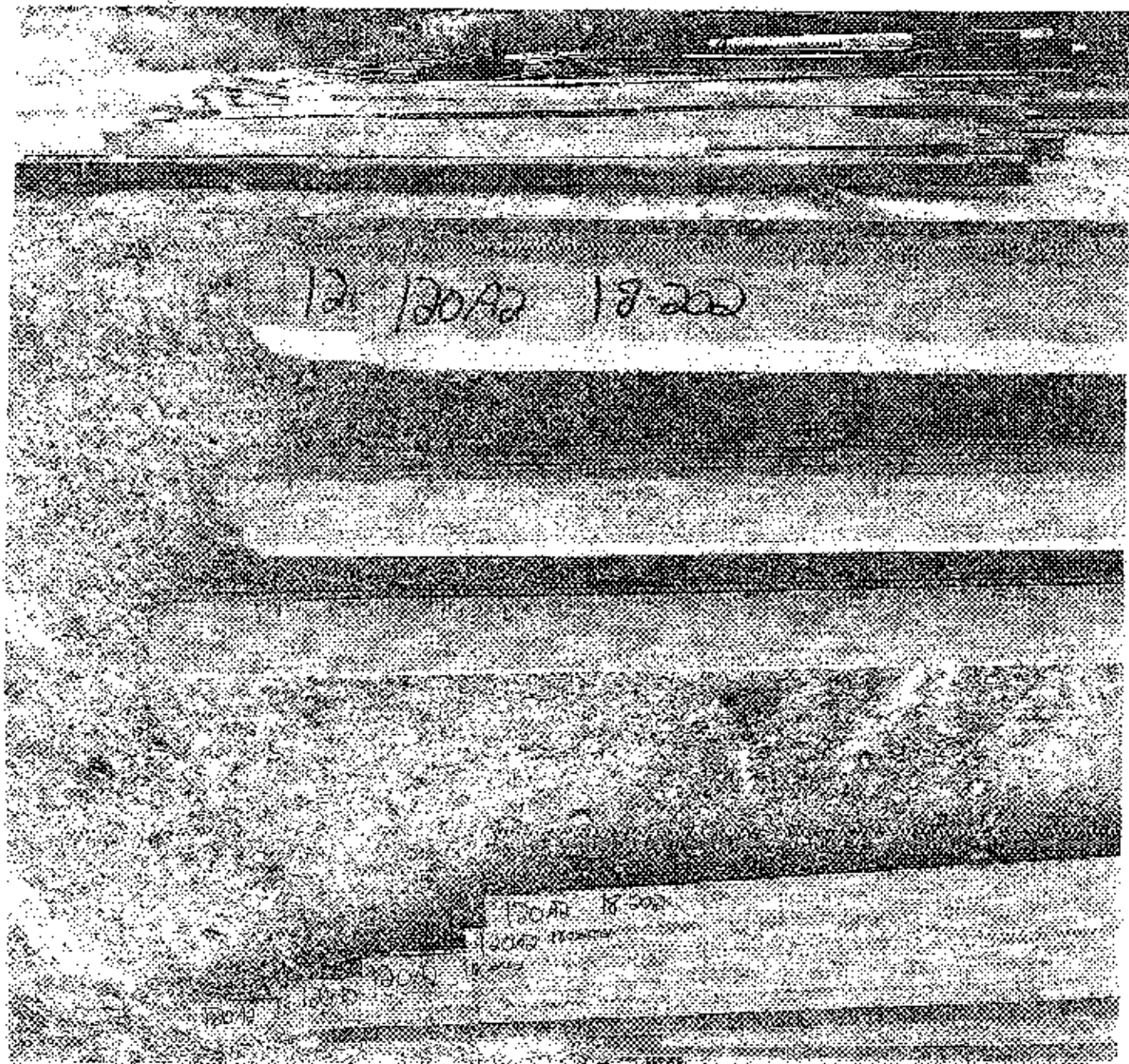
ELAINE KENNEDY
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
MY COMMISSION EXPIRES Apr 28, 2023
ACTING IN COUNTY OF Wayne















TMOORE

EVIDENCE OF PROPERTY INSURANCE

DATE (MM/DD/YYYY)
10/2/2018

THIS EVIDENCE OF PROPERTY INSURANCE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE ADDITIONAL INTEREST NAMED BELOW. THIS EVIDENCE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS EVIDENCE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE ADDITIONAL INTEREST.

AGENCY Hartland Insurance Agency, Inc. PO Box 129 Hartland, MI 48353	PHONE (A/C, No, Ext): (810) 632-5161	COMPANY Hastings Mutual Insurance Co. 404 East Woodlawn Avenue Hastings, MI 49058
FAX (A/C, No): (810) 632-6775	E-MAIL ADDRESS:	
CODE: 0001103	SUB CODE:	
AGENCY CUSTOMER ID #: S&GFABR-01		
INSURED S&G Fabricators Inc. P.O. Box 615 Manchester, MI 48158	LOAN NUMBER	POLICY NUMBER CPP9878016
	EFFECTIVE DATE 9/15/2018	EXPIRATION DATE 9/15/2019
		<input type="checkbox"/> CONTINUED UNTIL TERMINATED IF CHECKED
THIS REPLACES PRIOR EVIDENCE DATED:		

PROPERTY INFORMATION

LOCATION/DESCRIPTION
Loc # 1, Bldg # 1, 2055 N Lima Center Rd, Dexter, MI 48130-9515

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS EVIDENCE OF PROPERTY INSURANCE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

COVERAGE INFORMATION	PERILS INSURED	BASIC	BROAD	SPECIAL	AMOUNT OF INSURANCE	DEDUCTIBLE
COVERAGE / PERILS / FORMS						
Loc # 1, Bldg # 1 Personal Property, Special (Including theft)					\$315,000	\$500

REMARKS (Including Special Conditions)

Special Conditions:
Personal Property Coverage noted above includes Materials Stored until purchased for J.S Vig Construction -Livingston County 911 Central Dispatch- valued at \$126,050.00

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

ADDITIONAL INTEREST

NAME AND ADDRESS	ADDITIONAL INSURED MORTGAGEE	LENDER'S LOSS PAYABLE	LOSS PAYEE
J.S Vig Construction Livingston Count 911-New Central Dispatch 15040 Cleat Street Plymouth, MI 48170	LOAN #		
	AUTHORIZED REPRESENTATIVE <i>David A. Walker</i>		

PARTIAL UNCONDITIONAL WAIVER

I/we have a contract with Livingston County

to provide Construction Management


for the improvements to the property described as: Livingston County 911 Dispatch

and by signing this waiver waive my/our construction lien to the amount of \$57,972.45

for labor and/or materials provided through 08/31/18

This waiver, together with all previous waivers, if any ☒ does ☐ does not cover
all amounts due to me/us for contract improvements through the date shown above.

If the owner or lessee of
the property or the owner's or lessee's designee has received a notice of furnishing from me/one of us
or if i/we are not required to provide one, and the owner, lessee, or designee has not received this
waiver directly from me/one of us, the owner, lessee, or designee may not rely upon it without
contacting me/one of us, either in writing, by telephone, or personally, to verify that it is authentic

By: 
(Signature of Lien Claimant)

JS Vig Construction Company

Address: 15040 Cleat Street

Plymouth, MI 48170

Telephone: 734-283-3002

Fax: _____

Signed On: 10-10-18

DO NOT SIGN BLANK OR INCOMPLETE FORMS. RETAIN A COPY

PARTIAL UNCONDITIONAL WAIVER

I/we have a contract with JS Vig Construction Company

to provide Excavating

for the improvements to the property described as: Livingston County 911 Dispatch

and by signing this waiver waive my/our construction lien to the amount of \$306,886.27

for labor and/or materials provided through 08/31/18

This waiver, together with all previous waivers, if any ☒ does ☐ does not cover all amounts due to me/us for contract improvements through the date shown above.

If the owner or lessee of the property or the owner's or lessee's designee has received a notice of furnishing from me/one of us or if i/we are not required to provide one, and the owner, lessee, or designee has not received this waiver directly from me/one of us, the owner, lessee, or designee may not rely upon it without contacting me/one of us, either in writing, by telephone, or personally, to verify that it is authentic

Retainage owed as of 10/10/2018
\$40,369.98

By: Jennifer Raica
(Signature of Lien Claimant)

Joe Raica Excavating, Inc.

Address: 3640 Nicholson Rd
Fowlerville, MI 48836

Telephone: 517-521-4508

Fax: 517-521-4393

Signed On: 10/10/2018

Please fax or mail signed waiver to:

ekennedy@jsvig.com

Fax: 734-282-5320

DO NOT SIGN BLANK OR INCOMPLETE FORMS. RETAIN A COPY

PARTIAL UNCONDITIONAL WAIVER

I/we have a contract with J.S. Vig Construction Company to provide

Electrical

for the improvements to the property described as:

001673 - Livingston County 911 Dispatch

and by signing this waiver waive my/our construction lien rights to the amount of
for labor and/or materials provided through

\$23,944.05

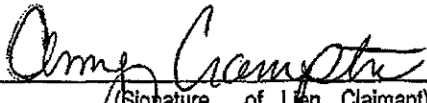
08-20-2018

This waiver, together with all previous waivers, if any, does cover all amounts due to me/us for contract improvements through the date shown above.

If the improvement is provided to property that is a residential structure and if the owner or lessee of the property or the owner's or lessee's designee has received a notice of furnishing from me/one of us or if I/we are not required to provide one, and the owner, lessee, or designee has not received this waiver directly from me/ one of us, the owner, lessee, or designee may not rely upon it without contacting me/one of us, either in writing, by telephone, or personally, to verify that it is authentic.

Crampton Electric Co.

By:


(Signature of Lien Claimant)

Address:

PO Box 380
Fowlerville, MI 48836

Telephone:

517-223-9970

Fax:

Signed on:

9/27/18

Please email signed waiver to Elaine Kennedy - ekennedy@jsvig.com

DO NOT SIGN BLANK OR INCOMPLETE FORMS. RETAIN A COPY.

OWNER CHANGE ORDER

Integrity • Quality • Safety
Customer Satisfaction



Date: 9/27/2018

Change Order Number 5

Project Name: Livingston County 911- Central Dispatch

JS Vig Project # 1673

Owner Project # _____

To: Owner
Livingston County
304 E. Grand River Ave.
Howell, MI 48843

You are directed to make the following changes in this Contract (see attached for details):

RFCO #	Description of work performed	Cost
RFCO #4	Proposal request #1	\$ 3,740.00
RFCO #7	Proposal request #2	\$ 2,580.00
RFCO #8	Additional bad soil encountered	\$ 2,357.00
RFCO #9	Field conditions	\$ 2,983.00
RFCO #10	Erosion Control	\$ 3,642.00
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
	Funded by Project Contingency	\$ (15,302.00)
		\$ -
TOTAL		\$ -

Notes:

Not Valid unless signed by both the Owner and the Contractor

Signature of the Contractor indicates his agreement herewith including any adjustments to the Contract Sum.

The original (Contract Sum) was.....	\$	5,444,173.00
Net Change by previous authorized Change Orders.....	\$	-
The (Contract Sum) will be (Increased) (Decreased)		
by this change order.....	\$	-
The new (Contract Sum) including this Change Order will be....	\$	5,444,173.00

Authorized:

J.S. Vig Construction Co

Livingston County

Lindhout Associates Architects

Contractor

Owner

Lindhout Associates Architects

J.S. Vig Construction Co

Livingston County

10465 Citation Drive

15040 Cleat St.

304 E. Grand River Ave. Suite 202

Brighton, MI 48116

Plymouth, MI 48170

Howell, MI 48843

By:

By:

By:

Date: 10-2-18

Date:

Date: 10-9-18

REQUEST FOR CHANGE ORDER



RFCO Number	4	Description & Reason for Scope Change: Proposal Request #1
Date:	August 22, 2018	
Project Name:	Livingston County 911 - Dispatch Center	
JS Vig Project #:	1673	
Owner Project #:		
To: Brad Alvord - Lindhout Associates		

Subcontractors Scope Change					
CSI Code	CSI Description	Contractor	Quantity	Unit Cost	Cost
	Architectural 01: Delete proposed locker room bench in Room No. 108 add new #1 20"x48" fixed position ADA locker room bench, Reduce bench length to 7' add new 20"x42" in Room No. 107	Shelving Inc.	1		\$ 568.70
	Architectural 02: Install only 3 additional corner gaurds	Huron Acoustic co.			\$ 282.65
	Architectural 03: Delete proposed 30" millwork base cabinet of Room No. 126	Sobania Inc.	1		\$ (200.00)
	Architectural 04: Door #131A revise Hardware Set #AC09				\$ -
	Delete Storeroom Lockset ND80PD SPA 26D and Electric Strike 6211 32D	FBH	1		\$ (526.00)
	Add Elec. Exit Device HD x QEL x RX x 98L-NL-F and Add EPT-10 AL	FBH	1		\$ 2,070.00
	Door#131B Change Harware Set #04 to #08				
	Delete Office Lockset ND50PD SPA 26D	FBH	1		\$ (231.00)
	Add Exit Device 98 x 996L 26 D	FBH	1		\$ 1,198.00
	Install upgrade Latch sets to Exit Devices, Carpenter/hr	Huron Acoustic co.			\$ 358.72
Subtotal					\$ 3,521.07

General Contractors Scope Change				
CSI Code	CSI Description	Quantity	Unit Cost	Total Cost
1-010	Project Management			\$ -
1-020	Superintendent			\$ -
1-024	Builder's Risk			\$ -
1-025	Insurance	0.8%		\$ 28.17
1-030	Laborers			\$ -
1-070	Clean Up			\$ -
1-125	Bond	1.00%		\$ 35.21
				\$ -
				\$ -
Subtotal				\$ 3,584
Allowable Fee		4.50%		\$ 161
Subcontractor + General Contractor Total				\$ 3,746
Total Proposed Time Increase:				0

CONTRACTOR Van & Vig 8-23-18 DATE 8-23-18 ARCHITECT BJM 8-16-18 DATE 8-16-18 OWNER _____ DATE _____
 J.S. Vig Construction Company

Attach detailed description and subcontractor bids

"We Rack Your World"

Proposal



Date	Proposal No.
8/2/2018	180731-37B

Prepared for:

J S Vig
16650 Racho Road
Taylor, MI 48180
Attn Sue

www.shelving.com

Toll Free: 800-637-9508
Direct: 248-243-5003
Fax: 248-852-0904

Ph: 734-283-3002
Fx: 734-282-5320

E-mail: brettj@jsvig.com

Item	Description	Qty	Unit Cost	Total:
NSI	Job: Livingston County 911 Central Dispatch 7-31-18 Proposal Request #1 Delete 1 ---7' bench in Room 108 Change Bench Length in Room 107 to 7' Add 1-20x42 in Room 107 ADD 1- 20x48 in Room 108 with 4 Pedestal each Materialo \$395.00 Install \$150.00 Total Net Material ADD Delivered and Installed	1	545.00	545.00
NSI	6% Tax any Questions please call Ronna 248-243-5003	1	23.70	23.70
Total:				\$568.70

Respectfully,

Ronna Anspach
ronna@shelving.com

Note: Materials are F.O.B. Shipping Point. Freight charges are additional. Rates provided per your request.

GENERAL TERMS & CONDITIONS:

Terms: Visa/MasterCard/American Express/Discover - Company Check or Net 30 with approved credit. Sales tax is not included.
Returns: Must be approved by Shelving Inc. Subject to 25% restocking charge, freight prepaid by customer.
Cancellations: Must be in writing and approved by Shelving Inc., subject to cancellation charge.
Permits are not included.

Signature: _____ Date: _____

Acceptance Signature Agreeing to Above Terms and Conditions.

To proceed with an order, please sign and date then return to fax number (248) 852-0904

PRICE QUOTATION

DATE	8/3/2018
FIRM	J S Vig Construction
CONTACT	Sue Hasson
JOB NAME	Livingston County 911



1080 Rosewood Street, Suite A, Ann Arbor MI 48104

PHONE (734) 332-3740 FAX (734) 332-3746

QTY	DESCRIPTION	PRICE
	PR #01	
	Page # 01	
	Door # 131A Revise Hardware Set # AC09	
1	Delete Storeoom Lockset ND80PD SPA 26D	
1	Delete Electric Strike 6211 32D	
	Deduct Materials Only	(\$526.00)
1	Add Elec. Exit Device HD x QEL x RX x 98L-NL-F	
1	Add Electric Power Transfer EPT-10 AL	
	Add Materials Only	\$2,070.00
Addendums Noted		
x		Sales Tax Included
		No Sales Tax

NOTES:Quote Valid for: **30** days**Brent Rice**
Cell # 734 891 1582

PRICE QUOTATION

DATE	8/3/2018
FIRM	J S Vig Construction
CONTACT	Sue Hasson
JOB NAME	Livingston County 911



1080 Rosewood Street, Suite A, Ann Arbor MI 48104

PHONE (734) 332-3740 FAX (734) 332-3746

QTY	DESCRIPTION	PRICE
	PR #01 Page # 02	
	Door # 131B Change Hardware Set # 04 to Set # 08	
1	Delete Office Lockset ND50PD SPA 26D	
	Deduct Materials Only	(\$231.00)
1	Exit Device 98L-F x 996L 26D	
	Add Materials Only	\$1,198.00
Addendums Noted		
x		Sales Tax Included
		No Sales Tax

NOTES:

Quote Valid for: **30** days

Brent Rice
Cell # 734 891 1582



HURON ACOUSTIC TILE COMPANY, INC.

43590 ELIZABETH, P.O. BOX 46445
MT. CLEMENS, MI 48046-6445
PHONE 586-783-1625 FAX 586-783-1845

PROPOSAL

August 20, 2018
J.S. Vig Construction Co.
16650 Racho Road
Taylor, Michigan 48180
Attn : Valerie Vig

Re: Proposal for :
Livingston County 911 Central Dispatch
Howell, Michigan

Spec: Quotation for Proposal Request #1.

Dear Valerie,

We propose to furnish Labor, Material, Tools and Equipment for Proposal Request #1 at the above mentioned project as follows;

Architectural Item 02 – Install only 3 additional corner guards

Labor

2 Hours Carpenter at \$ 89.68 per hour.....\$ 179.36

Material

3 each 3" x 3" x 48" Corner Guard, metal retainer and 2 caps at
\$ 34.43 per each.....\$ 103.29

Total Labor and Material Item 02.....\$ 282.65

Architectural Item 04 – Install only upgraded Latch sets to Exit Devices

Labor

4 Hours Carpenter at \$ 89.68 per hour.....\$ 358.72

Material

Misc fasteners.....no charge.....\$ 0.00

Total Labor and Material Item 04.....\$ 358.72

HATCO, INC. CONTINUED

Total Labor and Material for Proposal Request # 1.....\$ 641.37

We trust this quotation meets with your approval, however if you have any questions and / or concerns please feel free to contact me.

Respectfully Submitted
Huron Acoustic Tile Company

Michael E. O'Hara
Sr. Project Manager / Estimator

J.S. Vig
Construction Company

Integrity • Quality • Safety
Customer Satisfaction

Sue Hasson

Project #: 1673

RFCO #:

Description & Reason for Change:	Proposal Request #1
<div data-bbox="501 1656 576 1942" style="border: 1px solid black; height: 690px; width: 690px; margin: 10px;"></div>	

[illegible]

Subtotal	\$ (200.00)
Allowable Fee (%)	
Subcontractor Total	(\$200)

Contractor	Date
------------	------

J.S. Vig Construction Company

Total Proposed Time Increase:

REQUEST FOR CHANGE ORDER



RFCO Number	<u>7</u>	Description & Reason for Scope Change:			
Date:	<u>September 27, 2018</u>	Proposal request #2			
Project Name:	<u>Livingston County 911 - Dispatch Center</u>				
JS Vig Project #:	<u>1673</u>				
Owner Project #:	<u></u>				
To:	<u>Brad Alvord - Lindhout Associates</u>				
Subcontractors Scope Change					
CSI Code	CSI Description	Contractor	Quantity	Unit Cost	Cost
	Change to Access Flooring	Data Supplies			\$ (208.00)
	Revised Shop Drawings	Data Supplies			\$ 150.00
	Add 30SY carpet tile Room 115 & Ramp	Data Supplies			\$ 1,300.00
	Delete carpet Room 115	CCI			\$ (885.00)
	Changes to raised supervisor's station	Huron Acoustic			\$ 2,068.68
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
Subtotal					\$ 2,425.68
General Contractors Scope Change					
CSI Code	CSI Description		Quantity	Unit Cost	Total Cost
1-010	Project Management				\$ -
1-020	Superintendent				\$ -
1-024	Builder's Risk				\$ -
1-025	Insurance		0.8%		\$ 19.41
1-030	Laborers				\$ -
1-070	Clean Up				\$ -
1-125	Bond		1.00%		\$ 24.26
					\$ -
					\$ -
Subtotal					\$ 2,469
Allowable Fee				4.50%	\$ 111
Subcontractor + General Contractor Total					\$ 2,580
Total Proposed Time Increase:					0

CONTRACTOR
 J.S. Vig Construction Company

9-27-18
DATE

ARCHITECT

9-28-18
DATE

OWNER

DATE

Attach detailed description and subcontractor bids

REQUEST FOR CHANGE ORDER

September 17, 2018

Attn: Rathan Sangoli/J.S. Vig CC: Sue Hassan
From: Bill Checkley/Conventional Carpet Inc.

Request for change order Livingston County 911 Dispatch Delete Room 115

-23.92 sy	Delete carpet	@	\$ 30.98	\$	(741.00)
-24.00 sy	Delete freight	@	\$ 1.00	\$	(24.00)
-24.00 sy	Delete labor	@	\$ 5.00	\$	(120.00)
Total deduct				\$	(885.00)

Conditions of Proposal:

1. Proposal made subject to credit review and approval by Conventional Carpet Inc.
2. This proposal valid for 30 days.
3. Terms: Net 30 days. Customer will be responsible for any costs or fees incurred in the collection of any past due invoices, understands that past due invoices are subject to a 1.5% monthly finance charge.
4. One (1) year limited warranty available upon request.

Accepted

**PLEASE NOTE THAT MATERIAL CANNOT BE ORDERED WITHOUT A SIGNED PROPOSAL.
CANCELLATION OF SUBMITTED ORDERS WILL RESULT IN RESTOCKING FEES.**

J.S. Viny
Construction Company

Integrity • Quality • Safety
Customer Satisfaction

[illegible]

J.S. Viny
Construction Company

**Integrity • Quality • Safety
Customer Satisfaction**

Subcontractor Name:	data supplies	To:	JS Vig Construction
Project Name:	Livingston County 911 Central Dispatch	Project #:	1673
Date:	August 23, 2018	RFCO #:	17144
Description & Reason for Change:		7 panels and 4 pedestal deletion. \$208.00 deduct. Add \$150.00 for new shops. Total Deduct \$58.00	

[illegible]

Subtotal	\$ (58.00)
Allowable Fee (%)	
Subcontractor Total	\$ (58)

Contractor	Date
------------	------

J.S. Vig Construction Company

Total Proposed Time Increase:



HURON ACOUSTIC TILE COMPANY, INC.

43590 ELIZABETH, P.O. BOX 46445

MT. CLEMENS, MI 48046-6445

PHONE 586-783-1625 FAX 586-783-1845

PROPOSAL

August 28, 2018

J.S. Vig Construction Co.

16650 Racho Road

Taylor, Michigan 48180

Attn : Valerie Vig

Re: Proposal for :

Livingston County 911 Central Dispatch

Howell, Michigan

Spec: Quotation for Proposal Request #2.

Dear Valerie,

We propose to furnish Labor, Material, Tools and Equipment for Proposal Request #2 at the above mentioned project as follows;

Architectural Item 01 – Changes to Raised Supervisor's Station (room no. 115)

Add 4 lf of 3-5/8" 14 gauge support wall

Add 54 sf of 7-1/4" 16 gauge joists (should go with common size - 8")

Add 54 sf of 3/4" Plycem subfloor

Add 4 lf of 3-5/8" 20- gauge half wall with 5/8" drywall each side.

Labor

16 Hours Carpenter at \$ 89.68 per hour.....\$ 1,434.88

Material

12 sf of 3-5/8" 14 gauge metal stud & track at \$ 3.95 per sf.....\$ 47.40

54 sf of 8" 16 gauge metal joists & track (4lf) at \$ 2.72 per sf.....\$ 146.88

54 sf of 3/4" Plycem Subfloor and freight at \$ 6.74 per sf.....\$ 363.96

20 sf of 3-5/8" 20 gauge halfwall at \$.92 per sf.....\$ 18.40

40 sf of 5/8" drywall at \$.44 per sf.....\$ 17.60

4 lf of 2" x 4" non comb blocking at \$.92 per lf.....\$ 3.68

1 ea plus tax.....\$ 35.88

Total Labor and Material Item 01.....\$ 2,068.68

REQUEST FOR CHANGE ORDER



RFCO Number	8	Description & Reason for Scope Change:
Date:	September 12, 2018	Additional bad soil encountered
Project Name:	Livingston County 911 - Dispatch Center	
JS Vig Project #:	1673	
Owner Project #:		
To:		
	Brad Alvord - Lindhout Associates	
Subcontractors Scope Change		
CSI Code	CSI Description	Contractor
		Quantity
		Unit Cost
		Cost
	Remove an additional 10" of bad soil bring in additional 10" of sand, more than the quantities shown on the plans E3.1 roughly 200' X 5.5' trench, Add 4 yds concrete to protect from footing company under planters	Crampton Electric co Inc.
Subtotal		
\$ 2,216.00		
General Contractors Scope Change		
CSI Code	CSI Description	Quantity
		Unit Cost
		Total Cost
1-010	Project Management	
1-020	Superintendent	
1-024	Builder's Risk	
1-025	Insurance	0.8%
1-030	Laborers	
1-070	Clean Up	
1-125	Bond	1.00%
Subtotal		
		\$ 2,256
Allowable Fee	4.50%	\$ 102
Subcontractor + General Contractor Total		\$ 2,357
		Total Proposed Time Increase: 0

Vanduy 9-12-18

CONTRACTOR
J.S. Vig Construction Company

DATE

ARCHITECT

1-12-18

DATE

OWNER

DATE

Attach detailed description and subcontractor bids

SUBJECT	NUMBER	PAGE
Change Order Authorization Form	1115041-1	1 of 1
	VERSION	DATE REVISED
	1	8/29/18

CUSTOMER:	JS Vig
CUSTOMER REPRESENTATIVE:	Matt Sangster
PURCHASE ORDER #:	<input type="checkbox"/> Or Verbal 115041-1
SCOPE DESCRIPTION:	Remove an additional 10" of bad soil bring in additional 10" of sand. In new parking lot area per G2 soil tester direction More than the quantities shown on the plans E3.1. This is at roughly 200'Lx5.5'W trench Add 4yds concrete to protect from footing company under planters
DATE:	8/29/18
DES JOB # & Name:	Livingston County 911
CHANGE ORDER AMOUNT:	\$2,216.00
ATTACHMENTS:	

Crampton Electric Co. Inc. is proceeding with the above referenced scope description in accordance with your specific authorization and instruction.

 x This scope will be performed as per our quotation dated: 8/29/18.
OR

 This scope will be performed on a time and material basis with invoicing at completion.

Please notify the undersigned by signing and faxing/emailing this form back by date:

 8/30/18 time: 4:15pm in the event you **do not** want us to proceed with this work. If no response, we will proceed per the above arrangements.

Thank you for your cooperation in following our operating procedures for commencing work without a written purchase order or change order. We appreciate the opportunity to work with you on this project.

Sincerely,

CRAMPTON C
Electric Co Inc.

Ryan Atherton

Ryan Atherton
Phone 517-223-9691
Fax 517-223-9970
Email ryana@cramptonelectric.com

: _____
Authorized Customer Representative
"Do not Proceed with Work"

cc: Field→Process Signed AWO's (If T&M)

☐ Add to SCL

REQUEST FOR CHANGE ORDER



RFCO Number	9		Description & Reason for Scope Change:		
Date:	September 21, 2018		Field Conditions		
Project Name:	Livingston County 911 - Disptach center				
JS Vig Project #:	1673				
Owner Project #:					
To:	Brad Alvord - Lindhout Associated				
Subcontractors Scope Change					
CSI Code	CSI Description	Contractor	Quantity	Unit Cost	Cost
	Extra Concrete due to poor soil conditions and extra footing depth	Novi Wall	14.5	\$185.00	\$ 2,682.50
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
Subtotal					\$ 2,682.50
General Contractors Scope Change					
CSI Code	CSI Description		Quantity	Unit Cost	Total Cost
1-010	Project Management				\$ -
1-020	Superintendent				\$ -
1-024	Builder's Risk				\$ -
1-025	Insurance		1.1%		\$ 29.51
1-030	Laborers				\$ -
1-070	Clean Up				\$ -
1-125	Bond		0.00%		\$ -
					\$ -
					\$ -
Subtotal					\$ 2,712
Allowable Fee			10.00%		\$ 271
Subcontractor + General Contractor Total					\$ 2,983
					Total Proposed Time Increase:

CONTRACTOR
 J.S. Vig Construction Company

9-21-18
 DATE

ARCHITECT

9-26-18
 DATE

OWNER
 DATE

Attach detailed description and subcontractor bids



FOUNDATIONS ®

25250 SEELEY RD NOVI, MI 48375 * (248) 474-1200 * FAX (248) 474-7954 * NOVIWALL@YAHOO.COM

REQUEST FOR PURCHASE ORDER

Date: September 14, 2018

Attention: Matt Sangster

Company: J.S. Vig Construction Co.

From: Paul Tobel

CRO# 740

Job Site: Livingston Cty. 911 Dispatch

Qty.	Description	Price	Ext.
14.5	Extra concrete <i>due to poor soil conditions and extra depth</i>	185.00	2,682.50

TOTAL DUE: \$2,682.50

REASON: ☒ Field Conditions
☐ Construction Repair
☐ Site Work

☐ Extra Work Per Contract
☐ Warranty Repair
☐ Other _____

Received _____ Invoice # _____ Date _____



Lindhout Associates
architects aia pc

10465 citation drive,
brighton, michigan 48116-9510
www.lindhout.com (810)227-5668 fax (810)227-5855

Paradis Assoc., Inc.
CONSULTING STRUCTURAL
ENGINEERS

Sub A
148 S. Main St.
P.O. Box 100
Farmington, MI 48337
(248) 650-4905
consultant

BIDDING PERMIT DRAWINGS
Pre-Bid Review
date

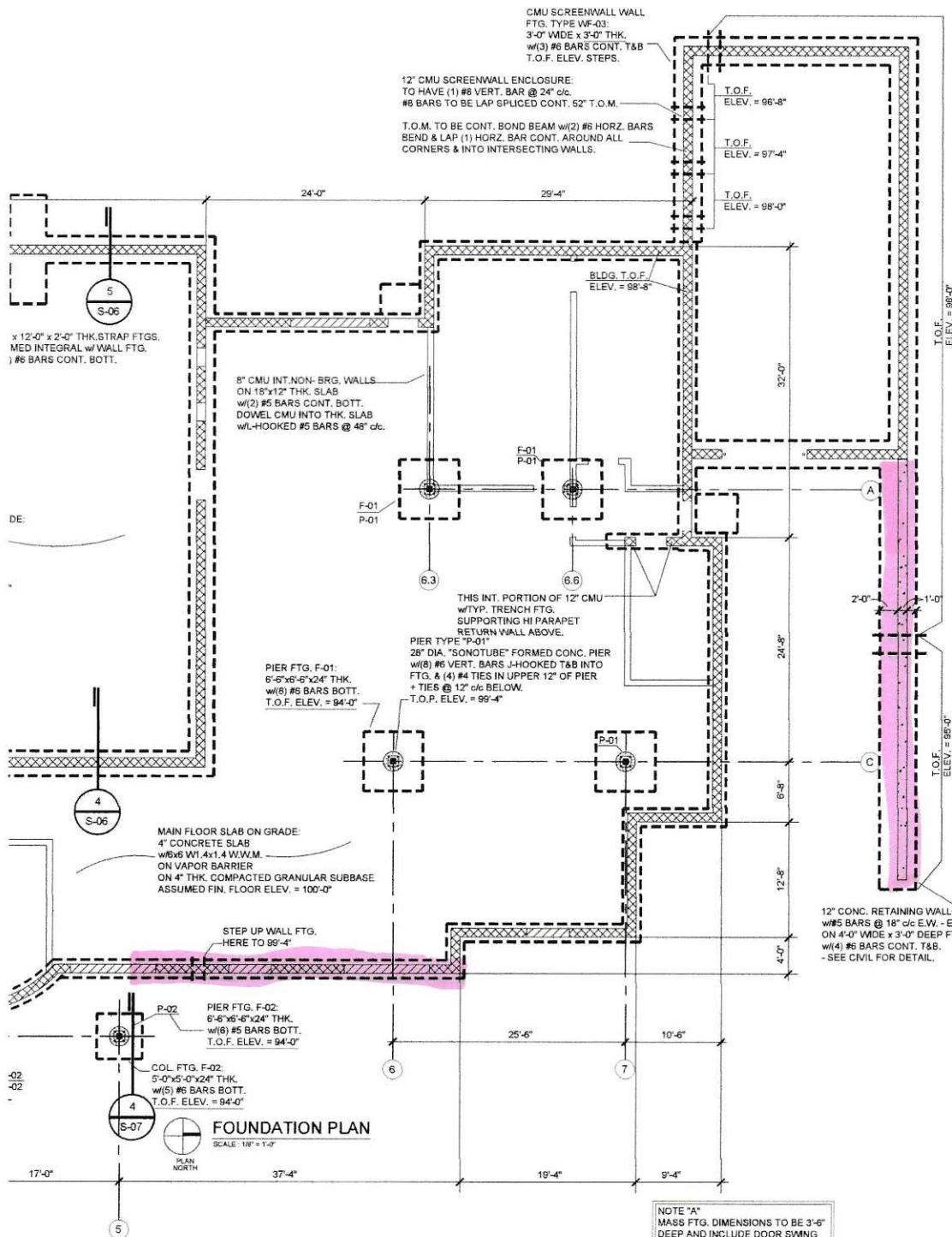
04-30-18
04-16-18
date

MRP
ck'd: GGP
app'd: GGP

NEW 911 CENTRAL DISPATCH for:
LIVINGSTON COUNTY 911

HOWELL, MI
FOUNDATION PLAN

S-02
17114



REQUEST FOR CHANGE ORDER



RFCO Number	10	Description & Reason for Scope Change:
Date:	September 26, 2018	Erosion Control
Project Name:	Livingston County 911 - Disptach center	
JS Vig Project #:	1673	
Owner Project #:		
To:	Brad Alvord - Lindhout Associated	
Subcontractors Scope Change		
CSI Code	CSI Description	Contractor Quantity Unit Cost Cost
	Silt Fence	World Class Landscaping 500 \$1.95 \$ 975.00
	Seed and erosion control	World Class Landscaping 10000 \$0.23 \$ 2,300.00
Subtotal		\$ 3,275.00
General Contractors Scope Change		
CSI Code	CSI Description	Quantity Unit Cost Total Cost
1-010	Project Management	
1-020	Superintendent	
1-024	Builder's Risk	
1-025	Insurance	1.1%
1-030	Laborers	
1-070	Clean Up	
1-125	Bond	0.00%
Subtotal		\$ 3,311
Allowable Fee		10.00% \$ 331
Subcontractor + General Contractor Total		\$ 3,642
		Total Proposed Time Increase:

V-L 4U *9-26-18* *By M. Alvord* *10-2-18*

CONTRACTOR DATE ARCHITECT DATE

J.S. Vig Construction Company

OWNER DATE

Attach detailed description and subcontractor bids

Per County Instructions at Inspection



Oakland County G2G Pricing CONTRACT NUMBER: 004561

for



Livingston County

911 Data Center Solution Stretch Cluster

Prepared by Jerry Rioux & Daniel Heidt

October 3, 2018

Version 5.8



Access Interactive Company Overview

Access Interactive provides technology solutions, services and support to business, educational and government organizations since 1985. Our business focus is helping our Clients make the most of technology investments. Over the last 30+ years Access has experienced significant growth to establish itself as a \$35 million organization proudly retaining over 65 full-time employees. We pride ourselves on being large enough to be extremely competitive and small enough to pay personal attention to our customers. We have an unwavering commitment to providing the best solutions, service and support to our customers.

Our highly-skilled technical services group includes over 40 full-time technicians including VMware, Microsoft, Cisco and Dell certified system engineers. Our technicians are available to you for projects ranging from on-site break/fix services to full-scale WAN/LAN integration, remote access, IP telephony and more.

Access Interactive sales consultants are technically astute and have an average over 20 years of industry experience. They are ready to apply their knowledge and technical expertise to recommending the best products and solutions and to providing efficient project management.

It is our focused mission to implement the best products, service and support in the industry to our clients.

Strategic Directive

Access Interactive's initial, primary focus in Livingston County's upcoming project is an in depth review of the organizational environment. Gathering momentum from the initial investigation; we're confident Access can offer credible short term recommendations / solutions in order to create a strong long lasting relationship. Our relationships with our clients grow based on strong commitment and Access Interactive's willingness to go the extra mile. Access Interactive prides itself on communication, documentation and thirst for industry knowledge. These traits, coupled with cross trained technical aptitude, contribute greatly to our overall success. We look forward to working with an organization that has a firm grasp on their field, and knowledge of how their ever changing IT infrastructure can elevate them to new levels of achievement.

Livingston County Organizational Needs

- Risk Planning and Mitigation
- Upgrade existing Infrastructure and Applications
- Prepare New Infrastructure for Growth or New Applications
- Enhance Performance
- Support for Legacy product integration
- Central and Expansive I.T. Administration Management Dashboard
- Latency resistant Design
- Simplified Infrastructure
- Optimize support and integration

Solution Advantages

- VMware upgrade and compliance. Homogenizing and upgrading to current version of 6.x Enterprise Plus.
- Comprehensive storage and virtualization management dashboard. Storage and servers are managed through a single pane of glass.
- Achieves true Business Continuity, fortifying the business uptime unlike other solutions. This solution allows for catastrophic loss of multiple nodes without affecting application and storage access. All of this accomplished without human intervention.
- All Flash solution. Over 140,000 IOPS for one 4 node cluster
- Completely modular, no forklift upgrades required. Virtual SAN expands leveraging different size, scale, and manufacturer servers.
- Growth flexibility. Virtual SAN is capable of adding any quantity of memory, servers, or disks to accommodate new or evolving business requirements
- Longevity. VMware is the leading provider of virtualization. In these rapidly changing times, VMware offers the most stable storage solution.
- Integrated stretch cluster functionality. Livingston County will split their Virtual SAN between 2 locations for geographic business continuity.
- Simplify and reduce administration overhead. VMware offers a single curriculum that allows the management of the complete environment from virtual switch to server to SAN.
- Vendor consolidation. Leveraging the VMware portfolio reduces the risk of 3rd party integration
- Simplicity – 100% of this curriculum is based on technologies that Livingston County's technical staff already has a master level of understanding. From VMware to Compellent, Livingston County staff works with these technologies every day (very low learning curve).
- Increase in Back-up Performance - New Infrastructure architecture will dramatically reduce back-up window
- Throughput is approximately 4.5X efficiency of traditional SAN (with two controllers)
- Policy based storage management – ability to choose granular VM storage policies for each individual VM
- **NO RAID GROUPS!**

Solution Synopsis

The proposed application performance solution provides a scalable, secure, cost effective foundation for Livingston County. There are several components that work together to provide a network that has excellent performance, is easy to manage, provides fault tolerance and secure data backups.

These components are:

- Dell Virtual SAN Servers
- VMware Virtual SAN licensing
- Dell Witness Servers
- Cisco Fabric Switches
- VMware vSphere and Virtual SAN Licensing
- Professional Services and Knowledge Transfer



911 Cluster

6 nodes total (3 on each side), 768GB RAM, ~ 20TB Usable on each side of the stretch cluster

Dell PowerEdge R740xd – all SSD, 256Gb RAM and 11.4TB Raw Capacity in each Virtual SAN server

PowerEdge R740XD Server	1
PowerEdge R740/R740XD Motherboard	1
No Trusted Platform Module	1
Chassis with Up to 24 x 2.5" Hard Drives for 2CPU	1
PowerEdge R740XD Shipping	1
PowerEdge R740 Shipping Material	1
Intel Xeon Gold 6130 2.1G, 16C/32T, 10.4GT/s , 22M Cache, Turbo, HT (125W) DDR4-2666	1
Intel Xeon Gold 6130 2.1G, 16C/32T, 10.4GT/s , 22M Cache, Turbo, HT (125W) DDR4-2666	1
Standard 1U Heatsink	1
Standard 1U Heatsink	1
2666MT/s RDIMMs	1
Performance Optimized	1
Unconfigured RAID	1
HBA330 Controller Adapter, Low Profile	1

BOSS controller card + with 2 M.2 Sticks 240G (RAID 1),FH	1
No Operating System	1
No Media Required	1
iDRAC9,Enterprise	1
OME Server Configuration Management	1
iDRAC Group Manager, Enabled	1
iDRAC,Factory Generated Password	1
Riser Config 2, 3 x8, 1 x16 slots	1
QLogic 57800 2x10Gb DA/SFP+ + 2x1Gb BT Network Daughter Card	1
6 Performance Fans forR740/740XD	1
Dual, Hot-plug, Redundant Power Supply (1+1), 1100W	1
PowerEdge 2U Standard Bezel	1
PE R740XD Luggage Tag	1
Quick Sync 2 (At-the-box mgmt)	1
Power Saving Dell Active Power Controller	1
ReadyRails Sliding Rails With Cable Management Arm	1
No Systems Documentation, No OpenManage DVD Kit	1
US Order	1
Dell Hardware Limited Warranty Plus On-Site Service	1
ProSupport Mission Critical: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 3 Years	1
ProSupport Mission Critical: 4-Hour 7x24 On-Site Service with Emergency Dispatch, 2 Years Extended	1
ProSupport Mission Critical: 7x24 HW / SW Technical Support and Assistance, 5 Years	1
Dell Limited Hardware Warranty Plus Service, Extended Year(s)	1
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	1
On-Site Installation Declined	1
Declined Remote Consulting Service	1
32GB RDIMM 2666MT/s Dual Rank	8
800GB SSD SAS Write Intensive 12Gb 512n 2.5in Hot-plug Drive, PX05SM,10 DWPD,14600 TBW	2
1.92TB SSD SAS Read Intensive 12Gb 512e 2.5in Hot-plug Drive, PM1633a,1 DWPD,3504 TBW	6
QLogic FastLinQ 41112 Dual Port 10Gb SFP+ Adapter, Full Height	1
NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord, North America	2

Dell PowerEdge R740xd with 5-Year Support Qty. 6 @ \$ 25,111.30 each **\$ 150,667.80**

Note: Special promo on support: buy 4 years and get the 5th year and no additional cost

Cisco Networking 3850



Cisco Catalyst 3850-48XS-E - switch - 48 ports - managed - rack-mountable

The Cisco Catalyst 3850 series switches are advanced, enterprise-class, stackable, access layer switches. They provide full convergence between wired and wireless networks on a single platform.

The promise of digital for your business is all about innovating more quickly while reducing risk, cost, and complexity. It will be your network that forms the foundation of your business's transformation.

But supporting your digital organization will require your network to move beyond just connectivity to be a platform for insights, automation, and security.

This is the power of the Cisco® Digital Network Architecture (Cisco DNA™).

Cisco DNA is a monumental shift on how to design and build networks. The Cisco Catalyst® 3850 Series, as part of the Cisco DNA portfolio of next-generation enterprise-class stackable Ethernet and Multigigabit Ethernet access and aggregation layer switches, securely enables time-saving virtualization, greater automation, and valuable analytics data that directly address your evolving business needs, including less cost to install and operate.

The Cisco Catalyst 3850 Series provides capabilities that ideally suited to support the convergence of wired and wireless access. The new Cisco Unified Access Data™ Plane (UADP) Application-Specific Integrated Circuit (ASIC) powers the switch and enables uniform wired-wireless policy enforcement, application visibility, flexibility, and application optimization. This convergence is built on the resilience of the new and improved Cisco StackWise®-480 technology.

The Cisco Catalyst 3850 Series Switches support full IEEE 802.3at Power over Ethernet Plus (PoE+), Cisco Universal Power Over Ethernet (Cisco UPOE®), modular and field-replaceable network modules, RJ-45 and fiber-based downlink interfaces, and redundant fans and power supplies.

Cisco 3850-48XS-E

Qty.4 @ \$ 20,441.39 each **\$ 81,765.56**

Cisco Smartnet – 3 Year

Qty.12 @ \$ 1,761.16 each **\$ 21,133.92**

VMware Virtual SAN Licensing

VMware Virtual SAN is a radically simple, enterprise-class shared storage solution for hyper-converged infrastructure optimized for today's all-flash performance.

What Virtual SAN Delivers

Radically Simple Storage

Make your job easier by simplifying storage provisioning and management for vSphere. Deploy storage with just a few mouse clicks from the vSphere Web Client and enjoy native integration with the VMware stack. Virtual machine-centric storage policies automate storage services levels on a per-VM basis.

Advanced Availability and Management

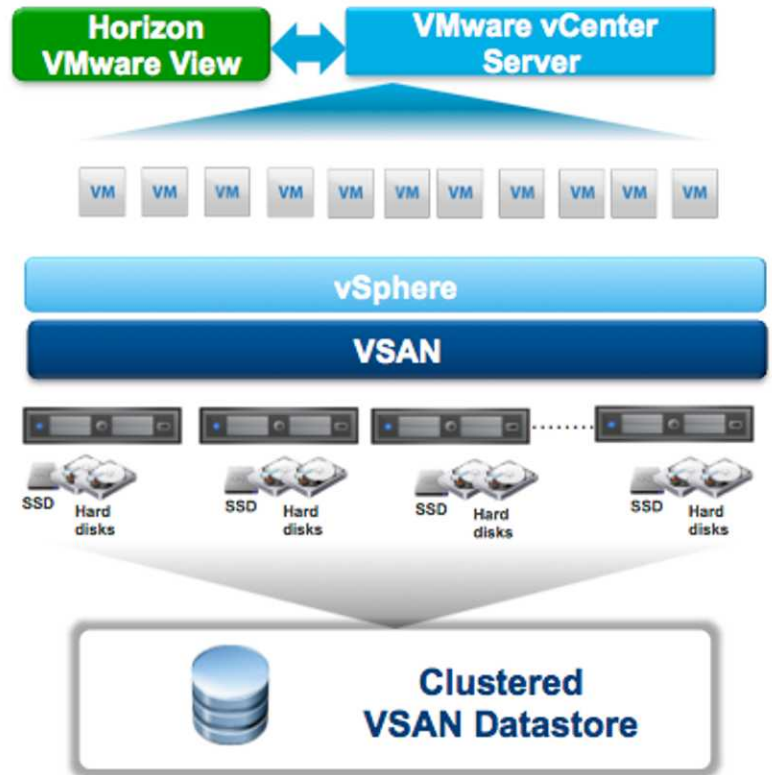
Customers of all industries and sizes trust Virtual SAN to run their business-critical workloads, from key business applications to thousands of virtual desktops. Virtual SAN ensures that data is never lost if a disk, host, network or rack fails and can even tolerate entire site failures with synchronous replication and stretched clusters.

50% Lower TCO

Deploy on inexpensive industry-standard server components to remove large, upfront investments. Eliminate siloed, purpose-built hardware and automate management of storage service levels through VM-centric policies. Further improve TCO with storage efficiency features like deduplication and enhanced automation capabilities.

Exceptional Performance

Built on an optimized I/O data path in the hypervisor and designed for flash speeds, Virtual SAN delivers much better performance than a virtual appliance or external device. Experience up to 100,000 IOPs per host with all-flash and scale up to 64 hosts per cluster—a perfect match for virtual desktops, remote IT and business critical applications.



VMware Virtual SAN Enterprise - (v. 6) - license - 1 processor Qty. 12 @ \$ 2,811.09 **\$ 33,733.08**

VMware Support and Subscription Production - Technical support - 3 years - for VMware Virtual SAN Enterprise Edition (v. 6) - 1 processor

Qty. 12 @ \$ 3,631.06 **\$ 43,572.72**

Additional VMware Licensing

Upgrade: VMware vSphere 6 Enterprise to vSphere 6 Enterprise Plus for 1 Processor Promo
Qty. 12 @ \$ 309.65 **\$ 3,715.80**

Production Support/Subscription VMware vSphere 6 Enterprise Plus for 1 processor for 3 year
Qty. 12 @ \$ 2,224.95 **\$ 26,699.40**



KIWI SYSLOG SERVER

- Centralized monitoring of syslog messages, SNMP traps and Windows event logs
- Intuitive Web console to filter and view logs
- React to messages: send email alerts, run programs, or forward data when messages arrive
- Scheduled log archival and cleanup helps with regulatory compliance
- View trend analysis graphs, and send email with traffic statistics

Kiwi Syslog Server **\$ 495.00**



Hytrust KeyControl - Encrypted Key Management Software

Encryption has become a standard for on-premises and cloud infrastructure. While architecting an enterprise grade encryption deployment is difficult, managing the encryption keys can be even more difficult. Managing encryption keys means having to track keys for each workload and then having to rotate those keys as required by various regulatory environments – all while ensuring the secure creation and destruction of the keys.

HyTrust KeyControl simplifies the process of key management for applications that do not require sophisticated policy based key management – but still need to perform to scale to enterprise grade level performance. And HyTrust KeyControl does this without costly physical appliances or license fees.

HyTrust KeyControl capabilities include:

- Admin GUI – making setup and administration easy
- Two encryption key controllers (in active-active high availability configuration) – can scale up to **8 nodes per cluster** to handle nearly all scenarios.
- Unlimited encryption key usage – no need to track (or pay!) for how many keys were used*
*Some limitations may apply depending on specific deployment configurations
- KMIP compliant – to support the widest range of encryption platforms
- FIPS 140-2 Level 1 validation (FIPS 140-2 Level 3 compliance via HSM)
- Hardened software appliance that restricts network access, whitelists systems files, and ensures critical data is encrypted
- vSphere 6.5 VM Encryption

Hytrust KeyControl – 1 Year Subscription (2-node cluster) for a total of **3-Yr Support**

Qty. 3 @ \$ 5,000.00 each **\$ 15,000.00**

Miscellaneous

HP ETHERNET 10GB 2-PORT SFP+ ADAPTER NETWORK ADAPTER - PCI EXPRESS

\$ 385.00

Transceiver - 10GBase-LR SFP+ Module, SFP-10G-LR

Qty. 4 @ \$ 498.00 **\$ 1,992.00**

Transceiver - 10GBase-SR SFP+ Module, SFP-10G-SR

Qty. 12 @ \$ 62.29 **\$ 747.48**

APC AR3300 NetShelter SX 42U Enclosure – Black

Qty. 2 @ \$ 1,469.99 **\$ 2,939.98**

Miscellaneous Rack Optimization

\$ 500.00

8 Port 10 Gigabit Ethernet Interface Module for Cisco Catalyst 6509 with 8 x SFP+ Optics

\$ 1,500.00

Design Points for Discussion:

- Livingston County provides Battery Backup and PDU that can accommodate this solution
- We assume Rack Space is available. Racks quoted upon request.
- Fiber optic specified by customer
- Patch cords provided by customer.
- Livingston County already owns 2 vCenter licenses so no additional vCenter license is required.
- Hytrust physical server to be housed on existing Livingston County server
- Witness servers customer provided on re-purposed HP servers
- Kiwi log server hardware – customer provided

PROFESSIONAL SERVICES:

Scope assumes someone from Livingston County assists with the project. Hours subject to change depending on exact project scope. The following is an estimate based on similar projects.

- Project plan and scheduling
- Equipment prep/software firmware updates
- Physical deployment of equipment
- Equipment integration/Virtual SAN integration
- Fabric switch integration
- Virtual SAN and volume provisioning
- Data migration
- System documentation and Visio's
- Performance tuning
- Knowledge transfer and optimization
- Project management

TOTAL: 365 hours

Senior LAN Technician @ \$145.00 per hour **\$ 52,925.00**

PROJECT COSTS:

EQUIPMENT: \$ 384,847.74

MI SALES TAX: \$ EXEMPT

SUBTOTAL: \$ 384,847.74

SERVICES: \$ 52,925.00

SHIPPING: \$ NA

TOTAL: \$ 437,772.74

Quote Valid for 30-Days. Prices Subject to Change with Notice Depending on Current Market Conditions. Shipping charges not included.
Terms: 50% Upon Acceptance, 25% Upon Delivery, Remainder Net 30. 25% Restocking Fee Applied to Project Costs for Returned Merchandise. UPS not included.

Authorized Signature: _____ **Date:** _____

Printed Name: _____ **Purchase Order No:** _____

Access Interactive Corporation Phone: 248-567-3000 Fax: 248-567-3050
www.access-interactive.com

Solution Summary – with List price and DOL (Discount off List)

Description	Qty	Unit Price	Extended Price	LIST Price	LIST Extended	DOL
R740xd Servers	6	\$25,111.30	\$150,667.80	\$55,360.00	\$332,160.00	55%
Cisco 3850	4	\$20,441.39	\$81,765.56	\$36,500.00	\$146,000.00	44%
Cisco 3850 Smartnet for 3 years	12	\$1,761.16	\$21,133.92	\$2,174.00	\$26,088.00	19%
VMware vSAN 6 Enterprise for 1 processor	12	\$2,811.09	\$33,733.08	\$4,835.60	\$58,027.20	42%
Support for VMware vSAN 6 Enterprise for 1 processor for 3 years	12	\$3,631.06	\$43,572.72	\$3,627.36	\$43,528.32	0%
Upgrade: VMware vSphere 6 Enterprise to vSphere 6 Enterprise Plus for 1 Processor	12	\$309.65	\$3,715.80	\$340.00	\$4,080.00	9%
Support VMware vSphere 6 Enterprise Plus for 1 processor for 3 year	12	\$2,224.95	\$26,699.40	\$2,307.36	\$27,688.32	4%
Kiwi Syslog	1	\$495.00	\$495.00	\$590.00	\$590.00	16%
Hytrust with 3 year support	3	\$5,000.00	\$15,000.00	\$5,000.00	\$15,000.00	0%
HP ETHERNET 10GB 2-PORT NETWORK ADAPTER	1	\$385.00	\$385.00	\$460.99	\$460.99	16%
10GBase-LR SFP+ Module, SFP-10G-LR	4	\$498.00	\$1,992.00	\$590.00	\$2,360.00	16%
10GBase-SR SFP+ Module, SFP-10G-SR	12	\$62.29	\$747.48	\$480.00	\$5,760.00	87%
APC AR3300 NetShelter SX 42U Enclosure - Black	2	\$1,469.99	\$2,939.98	\$1,750.00	\$3,500.00	16%
Miscellaneous Rack Optimization	1	\$500.00	\$500.00	\$500.00	\$500.00	0%
10Gb module for Cisco	1	\$1,500.00	\$1,500.00	\$2,295.00	\$2,295.00	35%
Total			\$384,847.74		\$668,037.83	42%

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