

Bauske, Shelly A.

From: Cooper Anderson <coopera@prairiescale.com>
Sent: Monday, April 10, 2017 1:26 PM
To: Bauske, Shelly A.
Subject: Re: Ballantyne Agri
Attachments: 179243revB - Opdahl.pdf; thumbnail_IMG_2711.jpg; thumbnail_IMG_3316.jpg

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Shelly,

I have attached the foundation print we used for this scale. Additionally, I have attached a few pics that I have from the project. The site contractor had filled the area with gravel and packed. I will check with Mitch to see if he has anything for this.

Thanks,

Cooper Anderson

Prairie Scale Systems Inc.
7805 112th Ave S.
Horace, ND 58047
Office: 701-281-9591
Fax: 701-281-9373
www.prairiescale.com

From: Bauske, Shelly A. <sbauske@nd.gov>
Sent: Monday, April 10, 2017 11:05 AM
To: Cooper Anderson
Subject: FW: Ballantyne Agri

Hi Cooper

See the Director's response below.

If you need anything else, please let me know.

Thanks.

From: Crockford, Konrad S.
Sent: Monday, April 10, 2017 11:01 AM
To: Bauske, Shelly A.
Subject: RE: Ballantyne Agri

6 WM-16-633 Filed: 4/10/2017 Pages: 7
E-mail regarding Foundation

Prairie Scale Systems, Inc.

If the pictures document the construction and have measurements showing what was done such as a tape measure measuring the 24" layer of aggregate and then one showing it compacted. If not we will need documentation such as construction plans and someone certifying this is how it was constructed.

Thanks,

Konrad Crockford
Director of Compliance
North Dakota Public Service Commission
701-328-4097 kcrockford@nd.gov



From: Bauske, Shelly A.
Sent: Monday, April 10, 2017 10:52
To: Crockford, Konrad S. <kcrockford@nd.gov>
Subject: FW: Ballantyne Agri

From: Cooper Anderson [<mailto:coopera@prairiescale.com>]
Sent: Monday, April 10, 2017 10:46 AM
To: Bauske, Shelly A.
Subject: Re: Ballantyne Agri

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Do pictures and foundation prints work?

Thanks,

Cooper Anderson

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Fax: 701-281-9373
www.prairiescale.com

From: Bauske, Shelly A. <sbauske@nd.gov>
Sent: Monday, April 10, 2017 10:43 AM
To: Cooper Anderson
Subject: Ballantyne Agri

Good Morning Cooper

Thank you for submitting the Geotechnical Engineering Report (this report is being reviewed); however, we are still waiting for the variance required information highlighted in yellow below.

Please let me know if you have any questions.

Thank you!

- Within 90 days from the date of this variance permit, submit all supporting documentation showing foundation requirements as listed below have been met:
- The foundation of the scale must be constructed on soil that has a uniform natural or engineered soil bearing of at least 1,500 pounds per square foot.
- A base of uniform, compacted, permeable aggregate, at least 24 inches deep must be installed. The concrete slab foundation must be poured on top of this base.
- The scale weighing element or elements must be supported on a monolithic, steel reinforced 12" thick concrete slab and must conform to the scale manufacturer's installation and reinforcing requirements.

Shelly Bauske
Public Service Commission
600 E Boulevard Ave Dept 408
Bismarck ND 58505-0480
701-328-4070
701-328-2410 (fax)
sbauske@nd.gov

From: Cooper Anderson [<mailto:coopera@prairiescale.com>]
Sent: Friday, March 31, 2017 9:27 AM
To: Bauske, Shelly A.
Subject: Re: Geotechnical Engineering Report - Grain Storage Bin, Westhope, ND

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Shelly,

Just wondering where we are sitting with this? Additionally, we did not test the scale in Jan. like the variance had desired. The scale was under a fair amount of snow. Does it work if we test the scale within the next few weeks?

Thanks,

Cooper Anderson

Prairie Scale Systems Inc.

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Horace, ND 58047
Office: 701-281-9591
Fax: 701-281-9373
www.prairiescale.com

From: Cooper Anderson
Sent: Wednesday, March 22, 2017 2:53 PM
To: Shelly Bauske
Subject: Fw: Geotechnical Engineering Report - Grain Storage Bin, Westhope, ND

Shelly,

Attached is the soil test report for when a new bin was installed a couple of years ago at Mitch's facility. The scale is located about 50' straight west of these boring locations in the roadway. The psf readings are on pages 14-16.

Please review and let me know if you have questions.

Thanks,

Cooper Anderson

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REV	ECO	DESCRIPTION	INIT	DATE
A		ENGINEERING RELEASE	SFJ	09/23/2016
B		ADDED CIRCUIT PER CUSTOMER REQUEST	SFJ	09/23/2016

MATERIAL REQUIREMENTS	
ITEM NO.	QUANTITY (LENGTH IN FT.)
A	18
B	15
C	15
D	15
E	15
F	15
G	15
H	15
I	15
J	15
K	15
L	15
M	15
N	15
O	15
P	15
Q	15
R	15
S	15
TOTAL WEIGHT OF REBAR (LBS.)	342

CONCRETE SCHEDULE	
APPROACH	4.0
FLOOR	4.0
WALLS	4.0
TOTAL	12.0

FIT COPING	
MARK	1.0
TOTAL	1.0

MATERIAL REQUIREMENTS			
ITEM NO.	QUANTITY (LENGTH IN FT.)	DESCRIPTION	WSP/SPORT
A	18	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
B	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
C	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
D	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
E	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
F	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
G	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
H	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
I	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
J	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
K	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
L	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
M	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
N	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
O	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
P	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
Q	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
R	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
S	15	3" X 3" X 1/4" WELDED TO ANGLE @ 12" O.C.	20
TOTAL WEIGHT OF REBAR (LBS.)	342		

CONCRETE SCHEDULE	
APPROACH	4.0
FLOOR	4.0
WALLS	4.0
TOTAL	12.0

FIT COPING	
MARK	1.0
TOTAL	1.0





