



July 19, 2013

To; Shelly A. Bauske; ND Public Service Commission

From; Rodger Burckhard; Mariner Construction, Inc.

Re; Webster Scale Variance Request

Dear Ms. Bauske;

Due to subgrade issues, Mariner Construction, Inc. requests that a variance be granted for the installation of our scale located at 1771 West Cavalry Drive in Bismarck. This scale is located in an area with a very high water table that would not support the unit if installed in the current design standard.

The installation design that we will use is the installation design recommendation from Webster Scale (See enclosed Drawings). The 70' platform scale is to be installed on a 12" thick steel reinforced concrete slab with 12" X 12" steel reinforced concrete piers used to support the scale. The slab-on-grade style installation allows for a large footprint to support the scale on the poorer subgrade. The subgrade has been built up over the years with gravel and this "bridge" will support the scale with this design method.

The scale has an intercom communication system and a video system for monitoring purposes and will primarily be used for aggregate sales for city, county, DOT and some private projects.

We respectfully request your consideration on this manufacturer designed alternate installation method. If you have any questions, I can be reached at 701-527-2562 or by e-mail at rodger@marinerconstruction.com. Thank you very much for your time.

Sincerely,

Rodger Burckhard; Project Superintendent

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WM-13-826 Filed: 7/22/2013
Request for Variance Permit

Pages: 4

Mariner Construction

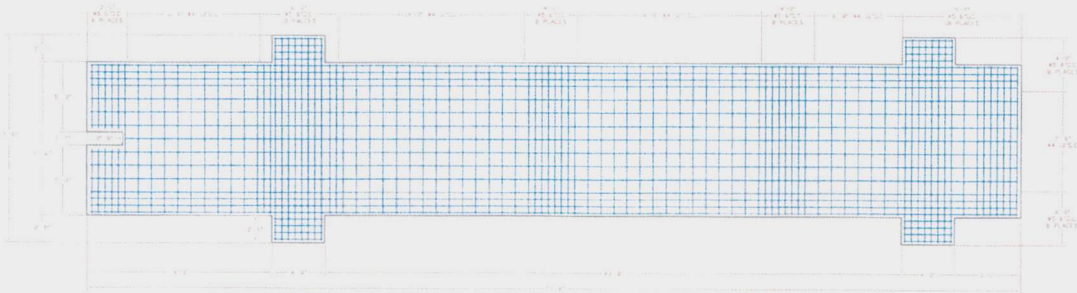
1771 West Cavalry Drive, Bismarck, ND 58504

NO.	DESCRIPTION	QTY.
1		

EQUATION OF DISTANCE IS 71'-7"

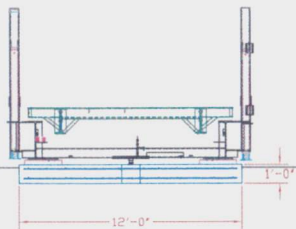
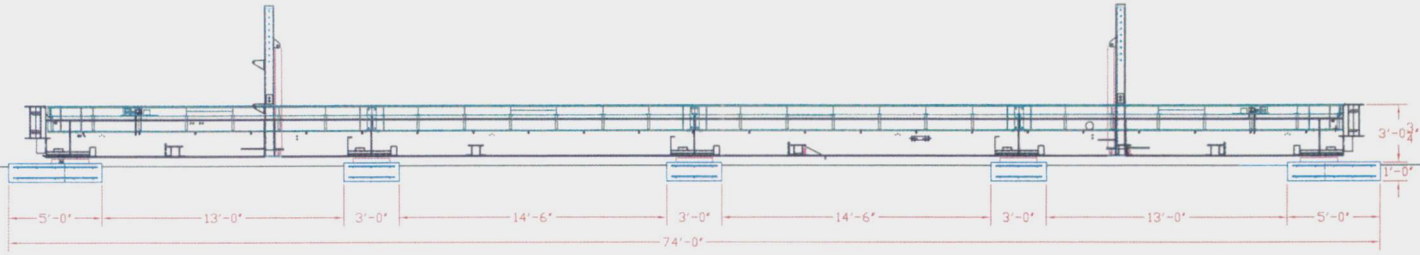
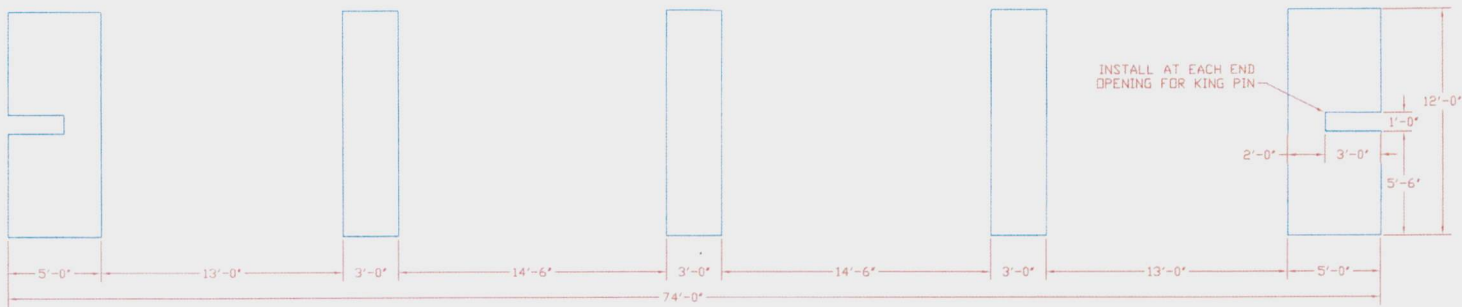
CONCRETE QUANTITY IS 183 CU YDS

SIZE	LENGTH	QTY.	WEIGHT	LOCATION
#4	11'-0"	56	567	CROSSWIS
#4	4'-0"	10	100	CROSSWIS
#4	11'-0"	36	364	CROSSWIS
#4	11'-0"	37	378	CROSSWIS
#4	11'-0"	37	374	LONGITUDINAL
#4	11'-0"	36	364	LONGITUDINAL
#4	TOTAL	68	PIECES	11'-0" LONG
#4	TOTAL	65	PIECES	11'-0" LONG



SCALE	DATE
1/8" = 1'-0"	10/15/11

WEBSTER SCALE, INC.
 1000 W. 10th Street
 CONCRETE REINFORCEMENT &
 STEEL FABRICATION, INC.
 1000 W. 10th Street, Land O' Lakes, FL 34622



#4 GRADE 40 REBAR x 2'-6" (24 PER)
 #4 GRADE 40 REBAR x 11'-6" (6 PER)

#4 GRADE 40 REBAR x 4'-6" (24 PER)
 #4 GRADE 40 REBAR x 11'-6" (10 PER)
 #4 GRADE 40 REBAR x 5'-0" (12 PER)

CONCRETE=8 1/4 CU. YDS.
 REBAR=24 PCS #4 @ 11'-6"
 24 PCS #4 @ 5'-0"
 48 PCS #4 @ 4'-6"
 72 PCS #4 @ 2'-6"

PROJECT NO.	200016	DATE	D
WEBSTER SCALE, INC.			
WEBSTER SCALE, INC.			
1/4" = 1' SCALE CONCRETE FOOTING LAYOUT			
DRAWN BY	K. FOWLER	DATE	9-27-09
CHECKED BY		DATE	

Bauske, Shelly A.

From: Rodger Burckhard <rodger@marinerconstruction.com>
Sent: Monday, July 22, 2013 11:00 AM
To: Bauske, Shelly A.
Cc: Steve Mariner
Subject: Emailing: MX-2600N_20130722_110655.pdf
Attachments: MX-2600N_20130722_110655.pdf

Ms. Bauske

Please review this request for variance. Any questions please call me @ 527-2562

Thank You

Rodger Burckhard

The message is ready to be sent with the following file or link attachments:

MX-2600N_20130722_110655.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.