



March 20, 2014

Mr. Bill Montelbano, AIA
8 East Hudson
P.O. Box 123
Mazomanie, WI 53560-0123

**SUBJECT: LATERAL SYSTEMS IN PEMB BUILDINGS
ST VINCENT DE PAUL ADDITION
6301 ODANA ROAD
MADISON, WISCONSIN**

Dear Mr. Montelbano:

MP-Squared Structural Engineers (mp)² has been asked our opinion on the likelihood lateral structural systems exist in the north wall of the St Vincent de Paul store located on Odana Road. It is understood the existing building is a pre-engineered metal building (PEMB) containing approximately 7,873 sf. Typical PEMB construction has moment frames spanning one direction and post and beam construction at the end walls.

The north wall of this building is an end wall and likely contains wind columns supporting horizontal girts that support the metal wall sheathing. The girts also brace the columns and any removal of the girts will likely require column reinforcement to accommodate the larger unbraced length. It is also likely that the end wall contains one or more 'X' braces composed of steel tensions rods that carry wind and seismic loads down to the foundation. The removal of the bracing will require one or more new portal moment frames placed in the plane of the north wall. This would also likely require modifying the existing foundations to support the new framing.

Sincerely,

MP-SQUARED STRUCTURAL ENGINEERS, LLC

Mark S. Lindloff, P.E.
Structural Engineer / Partner

PROPOSED
SITE PLAN



SCALE 1/8"=1'-0"

SW1

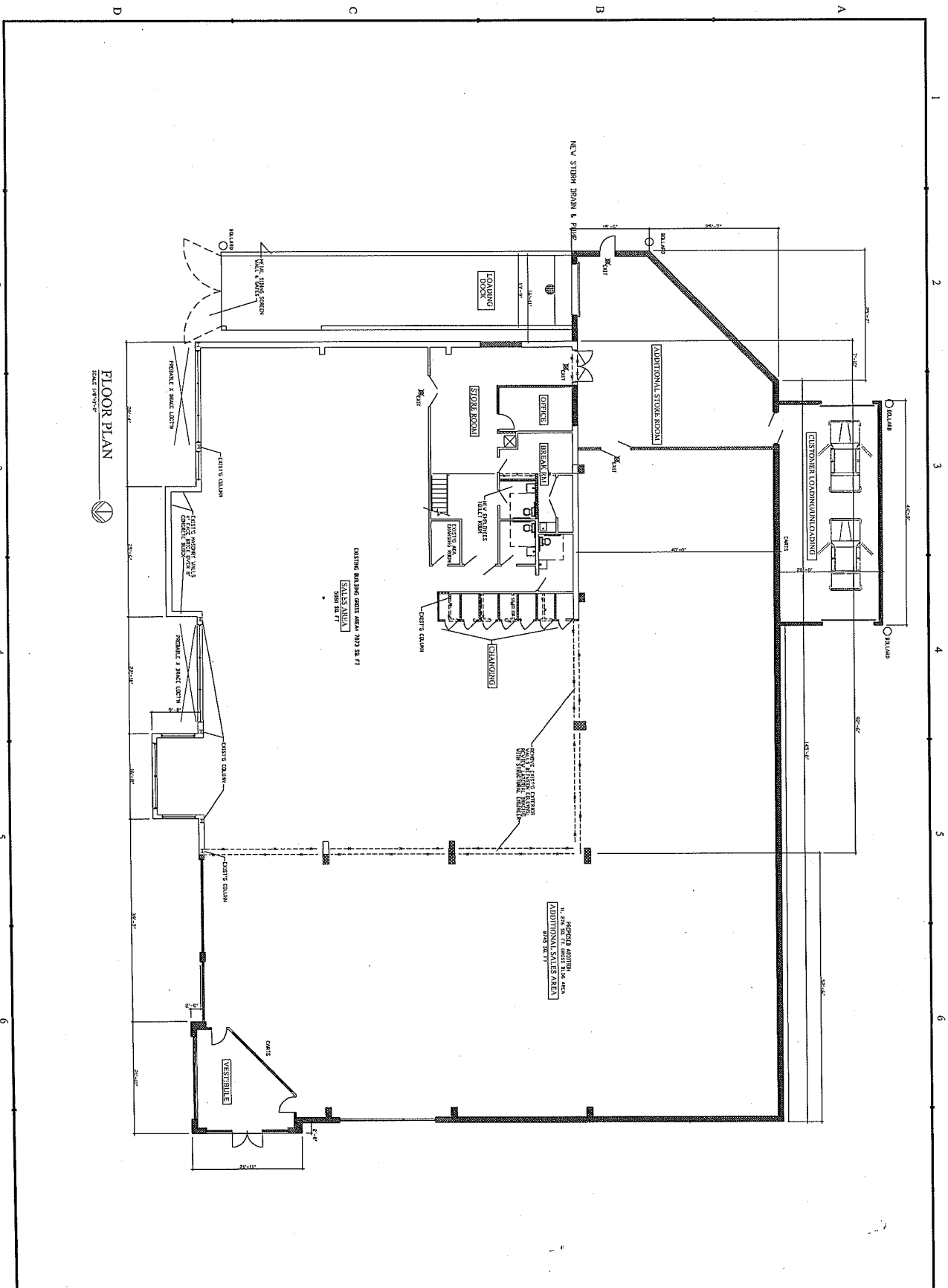


Building Addition
St Vincent de Paul, 6301 Odana Road, Madison, WI.

DANIELS
General Contractors
919 Applegate Road
Madison Wisconsin
608-271-4800

BILL MONTEBAND ARCHITECT AIA
ARCHITECTURE INTERIORS PLANNING ENGINEERING
1 EAST WISCONSIN AVENUE, SUITE 200, MADISON, WI 53703
608-271-4800 FAX 608-271-4801

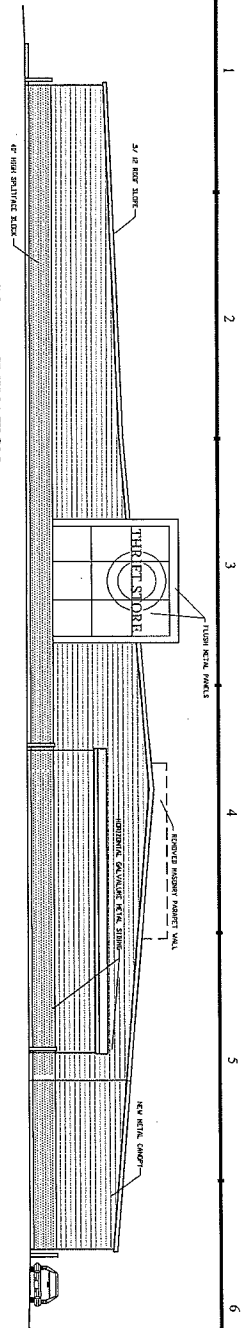
COMPL. NO.	2013-30
ISSUED FOR	REVIEW
ISSUED	3-11-2014



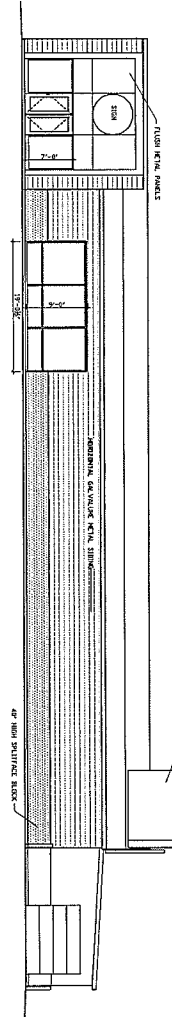
FLOOR PLAN
SCALE 1/8" = 1'-0"

<p>A1</p>	<p>COMAL NO. 2013.08</p> <p>ISSUED FOR REVIEW</p> <p>ISSUED 3-11-2014</p>	<p>Building Addition</p> <p>St Vincent de Paul, 6301 Odana Road, Madison, WI.</p>	<p>DANIELS</p> <p>General Contractors</p> <p>915 Applegate Road</p> <p>Madison, Wisconsin</p> <p>608-271-4800</p>	<p>BILL MONTELBANO ARCHITECT AIA</p> <p>ARCHITECTURE INTERIORS PLANNING ENGINEERING</p> <p>1 EAST BRONKHORST RD. SUITE 100 MADISON, WI 53704</p> <p>TEL: 608-261-1111 FAX: 608-261-1112</p>
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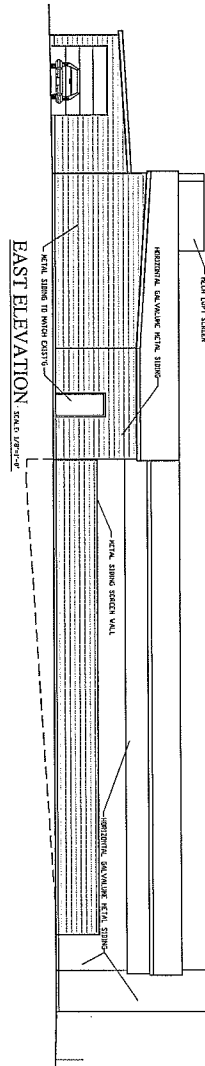
SOUTH ELEVATION SCALE 1/8"=1'-0"



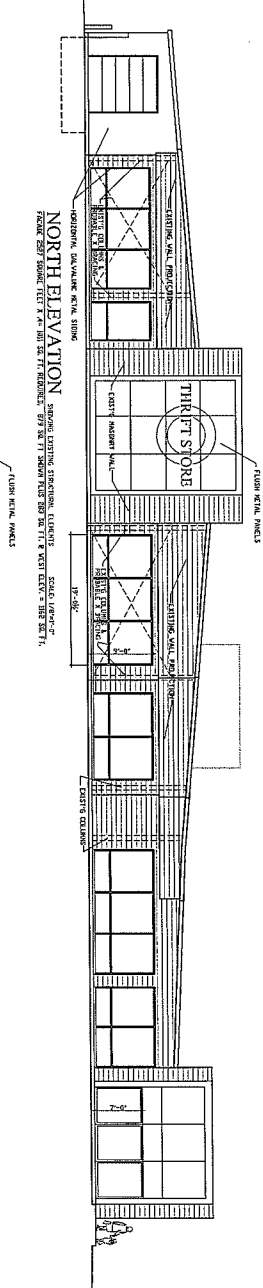
WEST ELEVATION SCALE 1/8"=1'-0"



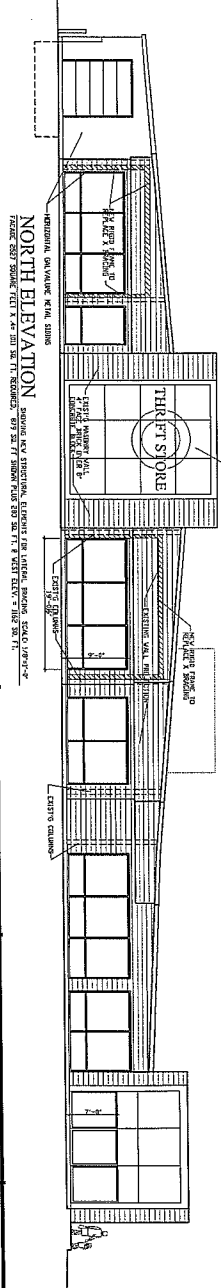
EAST ELEVATION SCALE 1/8"=1'-0"



NORTH ELEVATION SCALE 1/8"=1'-0"



NORTH ELEVATION SCALE 1/8"=1'-0"



BILL MONTELBANO ARCHITECT AIA
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* EXISTING BUILDING FOR NEW USE *
100 N. MICHIGAN ST. MADISON, WI 53703
TEL: 608-271-4800 FAX: 608-271-4801

DANIELS
General Contractors
519 Appleton Road
Madison Wisconsin
608-271-4800

Building Addition
St Vincent de Paul, 6301 Odana Road, Madison, WI.

CONTRACT NO. 2013-30
ISSUED FOR REVIEW
3-11-2014

A2