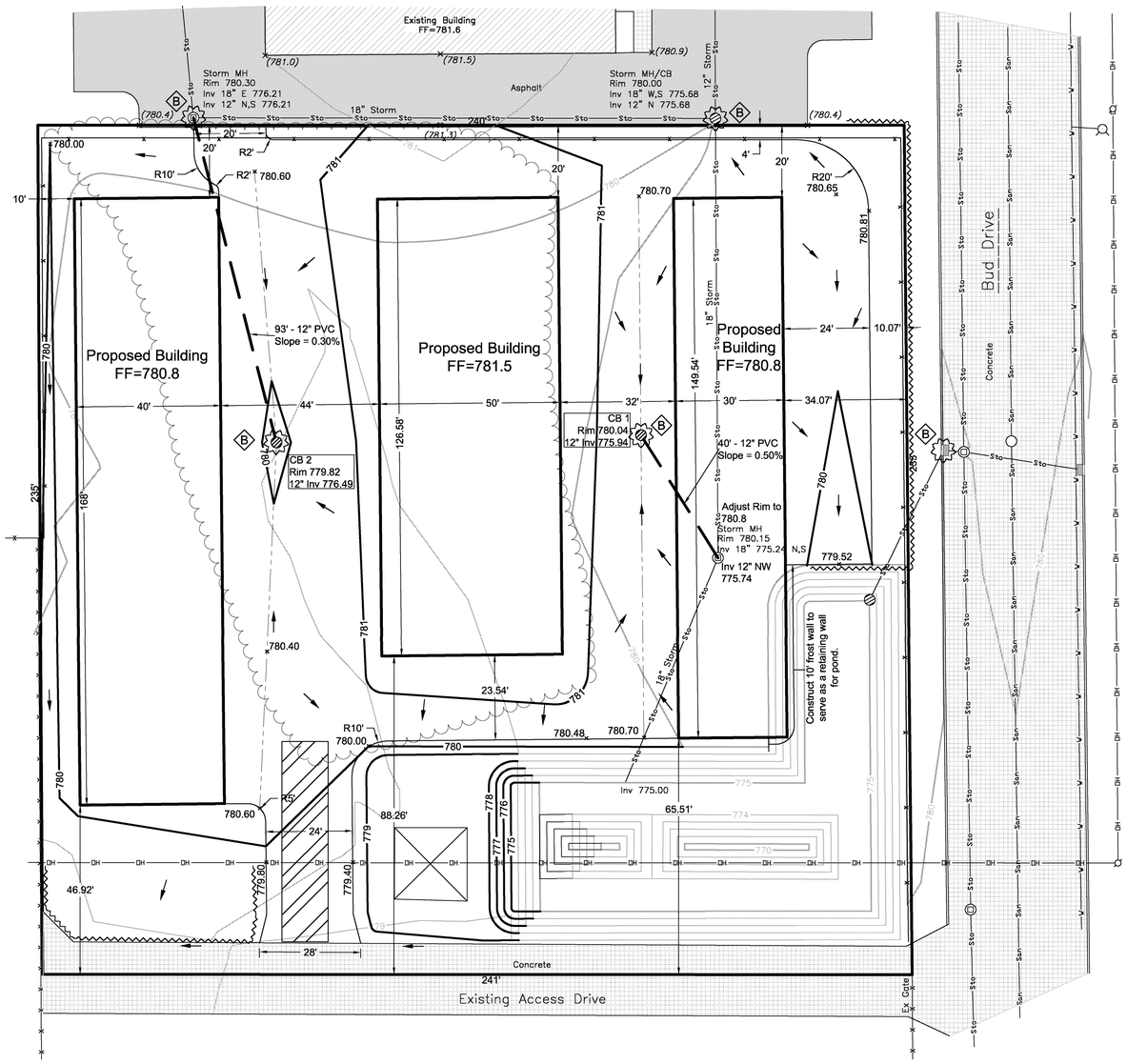
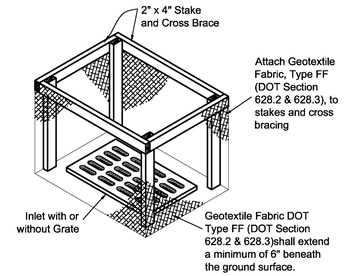
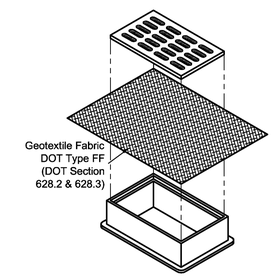




INLET PROTECTION, TYPE A



INLET PROTECTION, TYPE B

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)

GENERAL NOTES:

Inlet protection devices shall be maintained or replaced at the direction of the engineer.

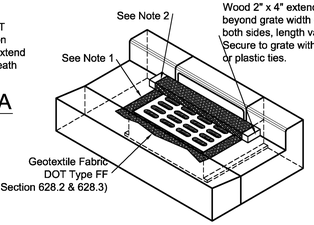
Manufactured alternatives approved and listed on the DOT Erosion Control Product Acceptability list may be substituted.

When removing or maintaining inlet protection, care shall be taken so that the sediment trapped on the geotextile fabric does not fall into the inlet. Any material falling into the inlet shall be removed immediately.

1. Finished size, including flap pockets where required, shall extend a minimum of 10" around the perimeter to facilitate maintenance or removal.

2. For inlet protection, Type C (with curb box), an additional 10" of fabric is wrapped around the wood and secured with staples. The wood shall not block the entire height of the curb box opening.

3. Flap pockets shall be large enough to accept wood 2x4.



INLET PROTECTION, TYPE C

INSTALLATION NOTES:

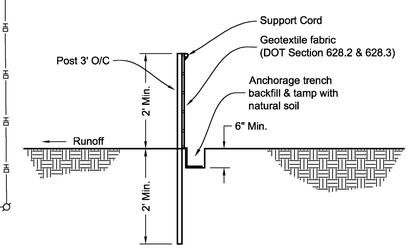
Inlet protection Type A shall be utilized around field inlets until permanent stabilization methods have been established. Inlet protection Type A shall be utilized on pavement inlets prior to installation of curb and gutter or pavement.

Inlet protection Type B shall be utilized on street inlets without curb heads, once surrounding surface is in place.

Inlet protection Type C shall be utilized on street inlets with curb heads.

TYPE B & C
Trim excess fabric in the flow line to within 3" of the grate.

The contractor shall demonstrate a method of maintenance, using a sewn flap, hand holds, or other method to prevent accumulated sediment from entering the inlet.



SILT FENCE INSTALLATION

SITE PLAN NOTES:

Site Information
Proposed 1 story Storage Buildings
1840 Bud Drive
Parcel 740076103
Lot 2 of J.O. Johnson Industrial Park
Zoning: I-1 Heavy Industrial
Property is currently vacant
adjoining parcels are zoned I-1, currently warehousing and commercial buildings.

Total Development Impervious Area = 69.4% (39,277 SF)
Proposed Disturbed Area = 47,000± SF

Pr. Building coverage	17,535 SF
Proposed Pavement	19,579 SF
Existing Pavement	2,163 SF
Lawn and Landscaping	17,301 SF
Total Site Area	56,578 SF (1.30 Acres)

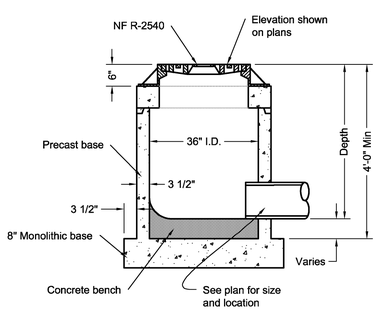
No fire protection system is proposed.

Setbacks:
Front: Building = 30'
Parking = 10'
Sides: 10'
Rear: 10'

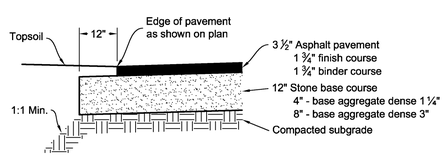
Owner
Minimax Properties LLC
1820 Bud Drive
Menasha, WI 54952

NOTES:

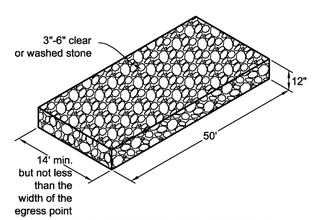
1. Existing utilities shown are indicated in accordance with available records and field measurements. The contractor shall be responsible for obtaining exact locations & elevations of all utilities, including sewer and water from the the property owners of the respective utilities. All utility the property owners shall be notified by the contractor 72 hours prior to excavation. Contact Digger's Hotline (1-800-242-8511) for exact utility locations.
2. The Contractor shall verify all staking and field layout against the plan and field conditions prior to constructing the work and immediately notify the Engineer of any discrepancies.
3. Silt fence shall be installed at the toe of all newly constructed fill slopes and shall be maintained until slope vegetation is established. Silt fence shall be installed prior to site grading.
4. Inlet protection shall be installed around inlets, in accordance with Wisconsin DOT Standard Detail Drawing 8E10-2.
5. Gravel access shall be provided to construction.
6. Tracking of mud on existing streets shall be cleaned up daily.
7. Vegetation beyond slopes shall remain.
8. The contractor shall minimize the area disturbed by construction as the project is constructed. Disturbed areas shall be seeded as soon as final grade is established. Contractor shall replace topsoil and then seed, fertilize and mulch all lawn areas within 1 week of topsoil placement.
9. Contractor shall remove all excess materials from the site.
10. Earthwork contractors shall verify topsoil depth.
11. All sediment and erosion control devices and methods shall be in accordance with the Wisconsin DNR Technical Standards.
12. The contractor shall make weekly inspections and inspections within 1 day of any rainfall exceeding 0.5 inches of the sediment and erosion control devices throughout construction. The contractor shall repair or maintain erosion control devices as necessary. The inspection reports shall be made available to the the property owner at the end of the construction or upon demand during construction.
13. Updated survey and title search have not been authorized and the boundary and easements shown may be inaccurate or incomplete.



ROUND INLET



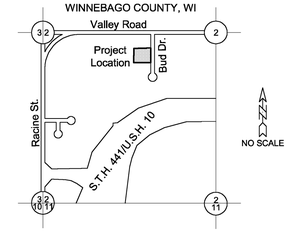
PAVEMENT SECTION

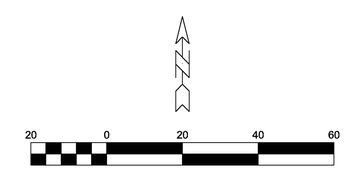


TRACKING PAD DETAIL

LOCATION MAP

SW 1/4 SEC 2, T 20 N, R 17 E,
CITY OF MENASHA
WINNEBAGO COUNTY, WI





LEGEND

	Proposed Storm Sewer		Proposed Storm Manhole
	Proposed Sanitary Sewer		Proposed Curb Inlet
	Proposed Watermain		Prop. Catch Basin / Yard Drain
608	Proposed Contour		Proposed Endwall
	Proposed Swale		Proposed Rip Rap
	Proposed Culvert	×608.73	Proposed Grade
	Proposed Silt Fence	×(607.2)	Existing Grade
	Prop. Drainage Direction		Proposed Ditch Check
	Proposed Tracking Pad		Proposed Inlet Protection
		A	Type of Inlet Protection

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
CIVIL ENGINEERING CONSULTANTS
1811 Racine Street Menasha, WI 54952
Ph: 920-991-1868 Fax: 920-830-9595
www.davel.pro

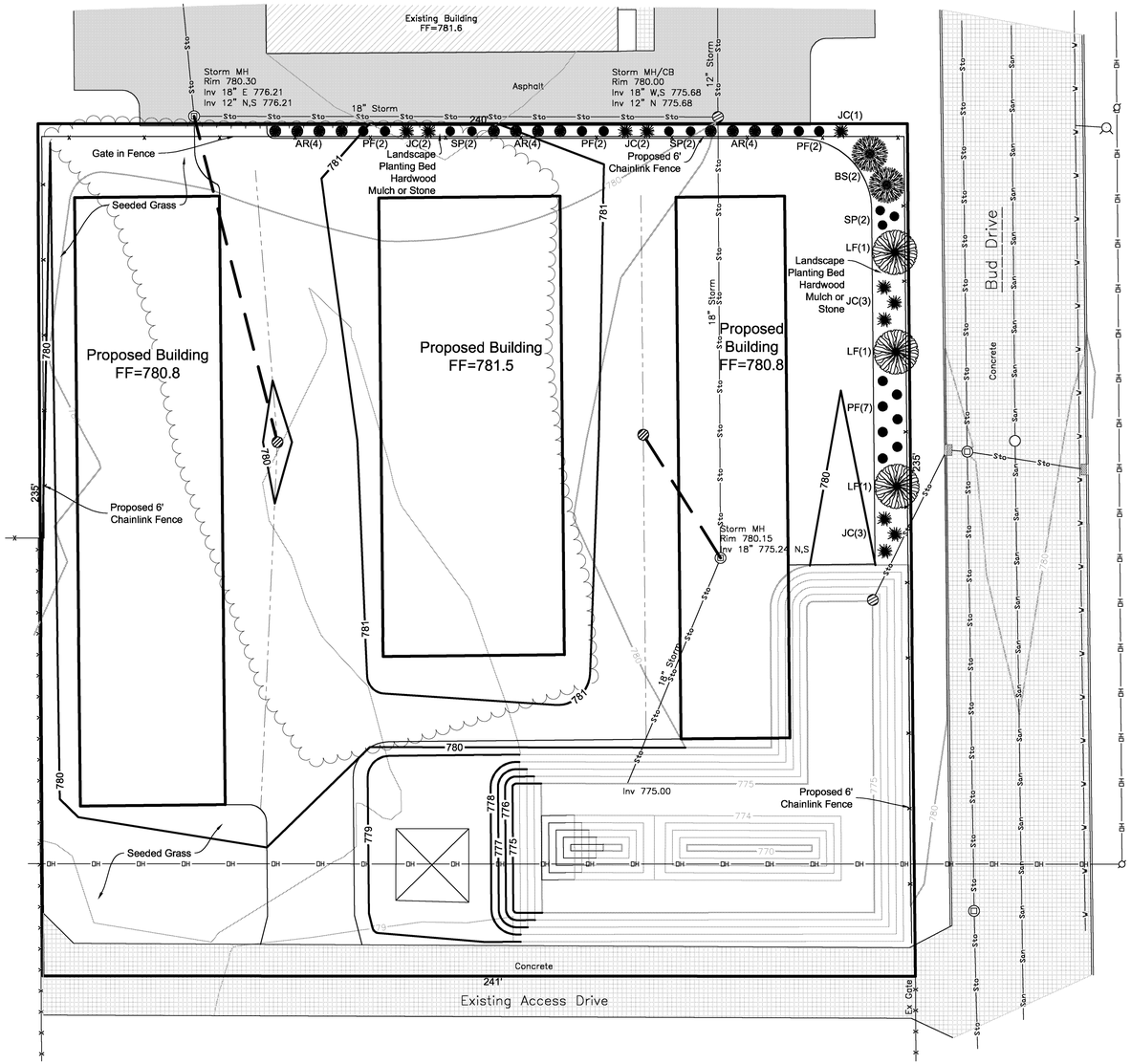
5/9/2011 12:24 PM J:\Projects\3693min\dwg\Civil 3D\3693drain.dwg Printed by: katie

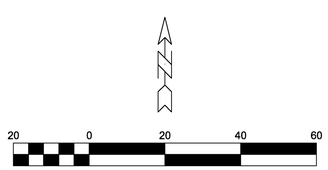
DRAINAGE & GRADING PLAN

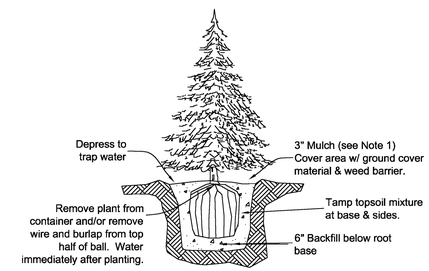
Bud Drive Mini Storage

City of Menasha, Winnebago County, WI
For: Minimax Storage, LLC

Date:	05/9/2011
Filename:	3693drain.dwg
Author:	JRD
Last Saved by:	katie
Page	1.1

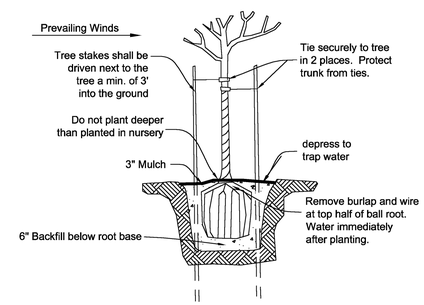






Shrub Planting Details

For: PF, AR, SP and JC Type Shrub



Tree Planting Details

For: BS, and LF Type Trees

Plant Schedule

I.D.	Common Name	Latin Name	Planting Size	Mature Size	Qty.
LF	Frontyard American Linden	Tilia Americana 'Frontyard'	2.5" Cal	40'x70'	3
BS	Black Hills Spruce	Picea Glauca 'Densata'	4' Hgt	14'x40'	2
JC	Sea Green Juniper	Juniperus Chinensis 'Sea Green'	24" Spd	4'x6'	11
PF	Dakota Goldrush Potentilla	Potentilla Fructicosa 'Dakota Goldrush'	24" Hgt	3'x4'	13
AR	Holstrup Arborvitae	Thuja Occidentalis "Holmstrup"	12" Hgt	6'x3'	12
SP	Magic Carpet Japanese Spirea	Spirea Japonica 'Magic Carpet'	12" Hgt	2'x3'	7

5/10/2011 4:19 PM J:\Projects\3693min\dwg\Civil 3D\3693drain.dwg Printed by: katie

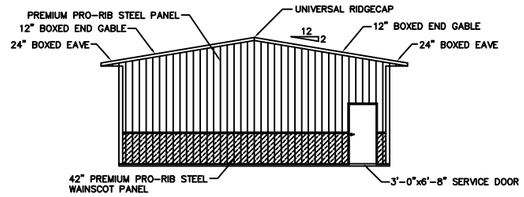
DAVEL ENGINEERING & ENVIRONMENTAL, INC.
CIVIL ENGINEERING CONSULTANTS
1811 Racine Street Menasha, WI 54952
Ph: 920-991-1866 Fax: 920-830-9595
www.davel.pro

LANDSCAPE PLAN

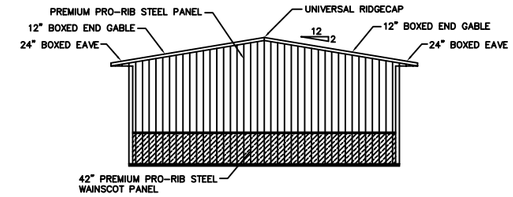
Bud Drive Mini Storage

City of Menasha, Winnebago County, WI
For: Minimax Storage, LLC

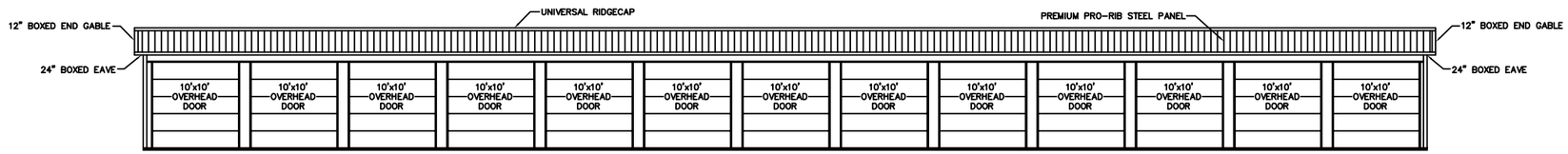
Date: 05/10/2011
Filename: 3693drain.dwg
Author: JRD
Last Saved by: katie
Page 1.2



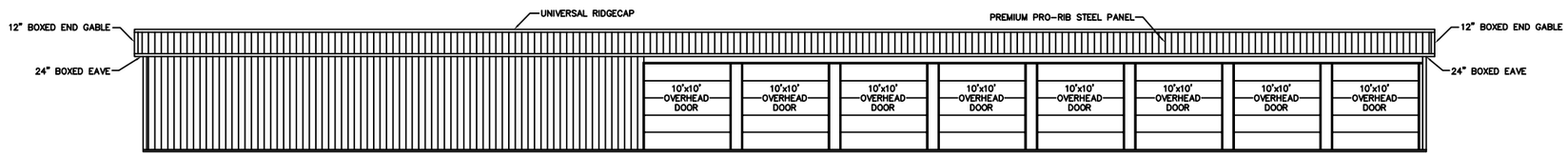
30' NORTH ENDWALL



30' SOUTH ENDWALL



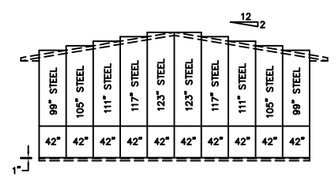
149'-6 1/2" WEST SIDEWALL 1



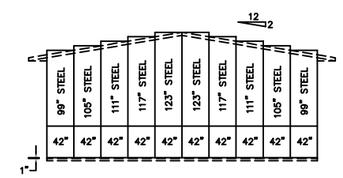
149'-6 1/2" EAST SIDEWALL 1

ELEVATIONS

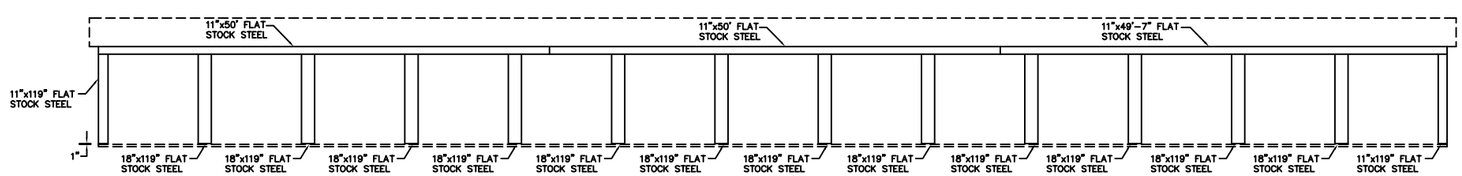
SCALE: 1/8"=1'-0"



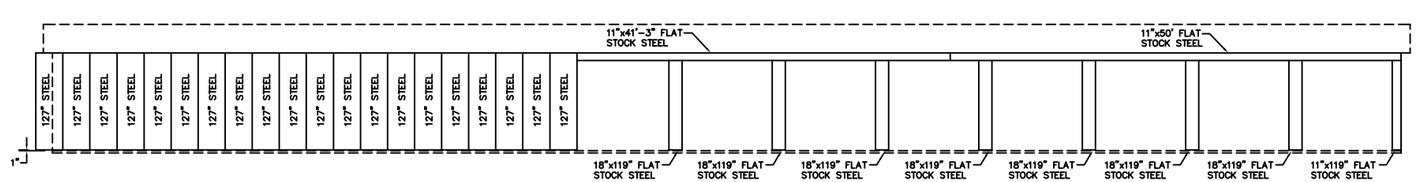
30' NORTH ENDWALL



30' SOUTH ENDWALL



149'-6 1/2" WEST SIDEWALL 1



149'-6 1/2" EAST SIDEWALL 1

STEEL LAYOUTS

SCALE: 1/8"=1'-0"

ENGINEERING SERVICES
5311 KANE RD. EAU CLAIRE, WI 54703 (715) 876-5555

PROJECT TITLE:
MINIMAX STORAGE
MENASHA, WI

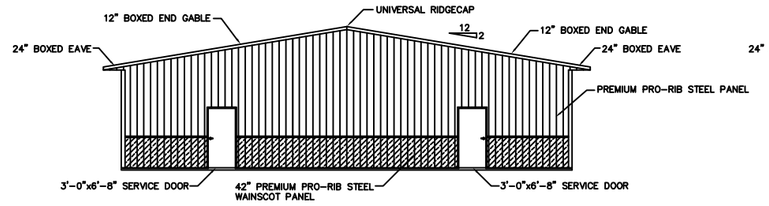
SHEET TITLE:
ELEVATIONS & STEEL LAYOUTS

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	5-06-11	SHORTEN BUILDING 11'-5 1/2"	LVN
2			
3			
4			

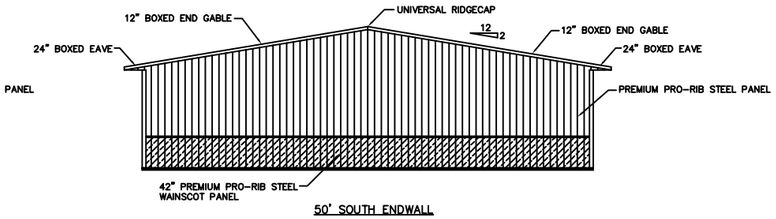
PROFESSIONAL ENGINEER: JEFF MURRAY
PLAN DESIGNER: JEFF MURRAY
DRAWN BY: LANCE NIELSEN

FILE NAME: M08711WI02R
DATE: 04-12-11
SCALE: AS NOTED

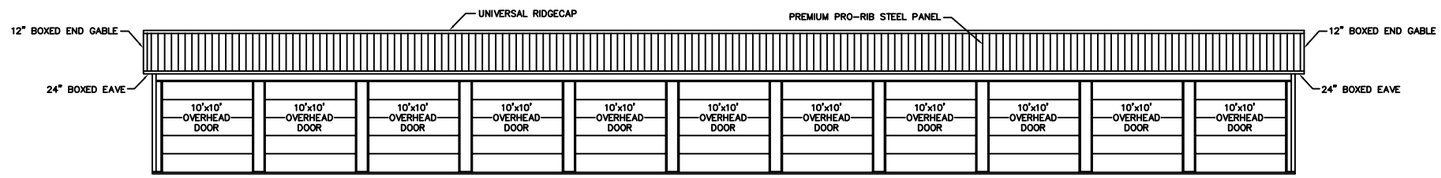
SHEET NO. 2 OF 7



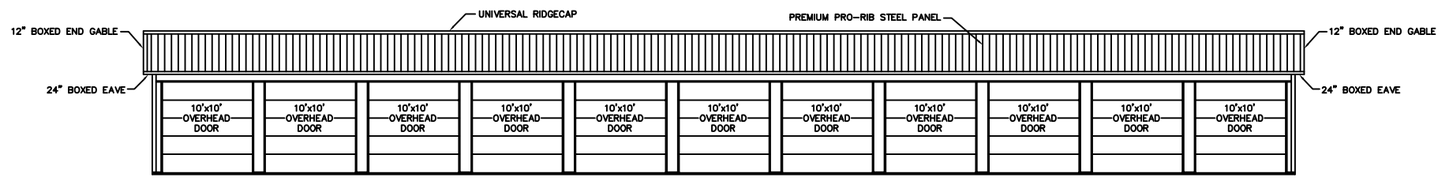
50' NORTH ENDWALL



50' SOUTH ENDWALL



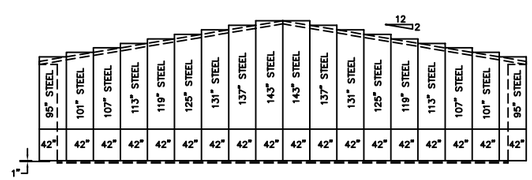
126'-7" EAST SIDEWALL 1



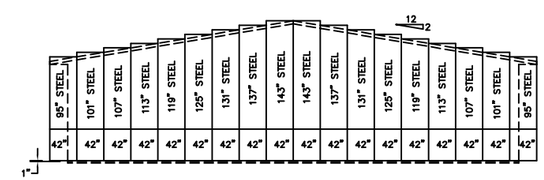
126'-7" WEST SIDEWALL 1

ELEVATIONS

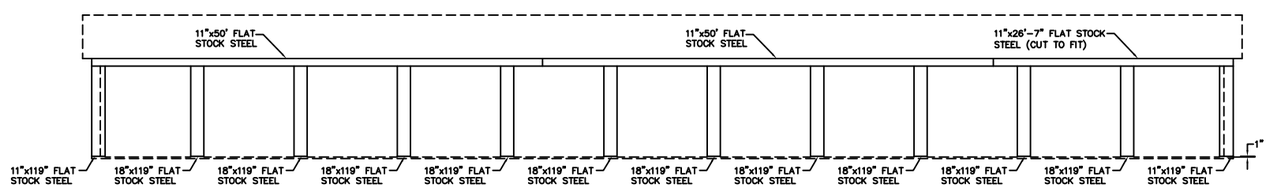
SCALE: 1/8"=1'-0"



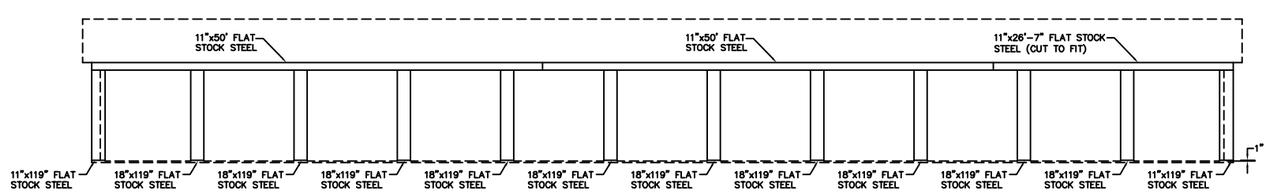
50' NORTH ENDWALL



50' SOUTH ENDWALL



126'-7" EAST SIDEWALL 1



126'-7" WEST SIDEWALL 1

STEEL LAYOUTS

SCALE: 1/8"=1'-0"

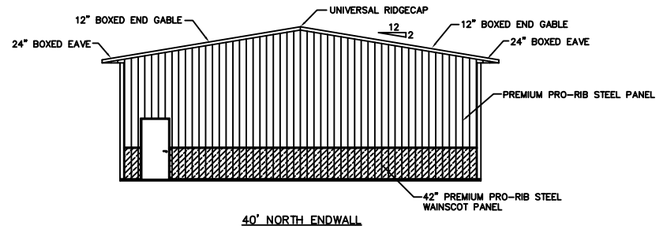
ENGINEERING SERVICES
5231 KANE RD. EAU CLAIRE, WI 54703 (715) 876-5555

PROJECT TITLE:
MINIMAX STORAGE
MENASHA, WI

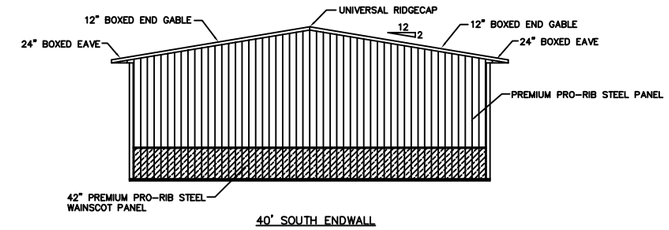
SHEET TITLE:
ELEVATIONS & STEEL LAYOUTS

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	5-06-11	SHORTEN BUILDING 23'-11"	LVN
2			
3			
4			

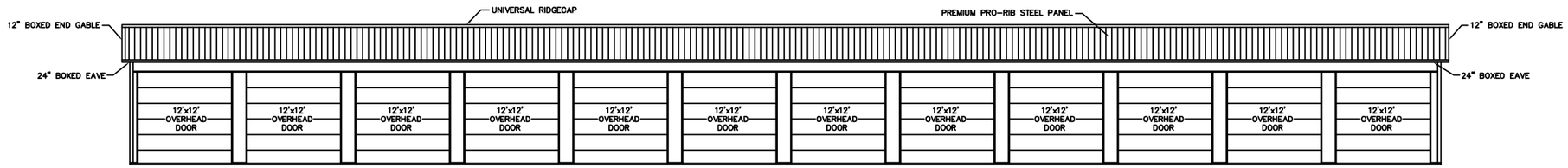
PROFESSIONAL ENGINEER: JEFF MURRAY
PLAN DESIGNER: JEFF MURRAY
DRAWN BY: LANCE NIELSEN
FILE NAME: M08811WI02R
DATE: 04-14-11
SCALE: AS NOTED
SHEET NO. 2 OF 7



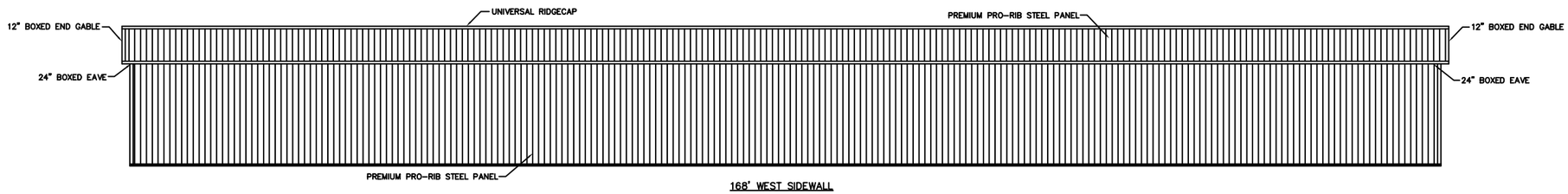
40' NORTH ENDWALL



40' SOUTH ENDWALL



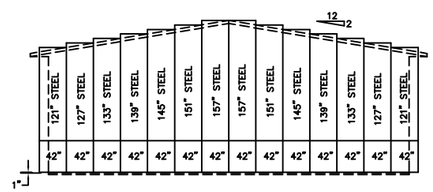
168' EAST SIDEWALL



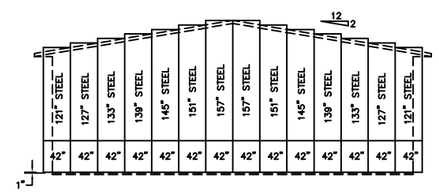
168' WEST SIDEWALL

ELEVATIONS

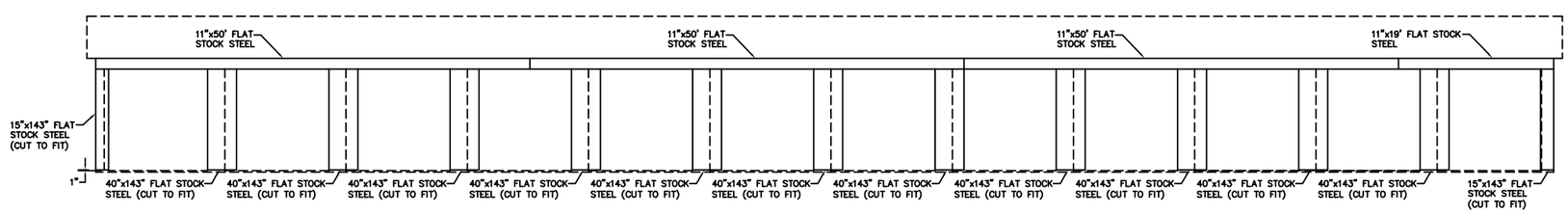
SCALE: 1/8"=1'-0"



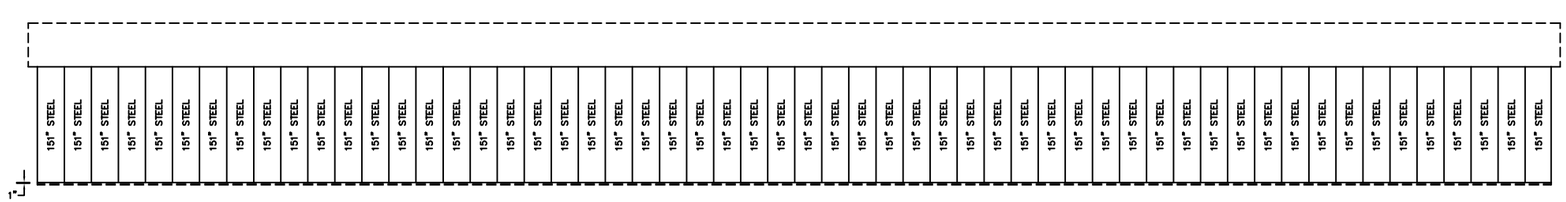
40' NORTH ENDWALL



40' SOUTH ENDWALL



168' EAST SIDEWALL



168' WEST SIDEWALL

STEEL LAYOUTS

SCALE: 1/8"=1'-0"

ENGINEERING SERVICES
5231 KANE RD. EAU CLAIRE, WI 54703 (715) 876-5555

PROJECT TITLE: MINIMAX STORAGE
MENASHA, WI

SHEET TITLE: ELEVATIONS & STEEL LAYOUTS

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1			
2			
3			
4			

PROFESSIONAL ENGINEER: JEFF MURRAY
PLAN DESIGNER: JEFF MURRAY
DRAWN BY: LANCE NIELSEN

FILE NAME: M08911WI02
DATE: 04-15-11
SCALE: AS NOTED

SHEET NO. 2 OF 7

SPEED