SAMPLE ASSEMBLY DRAWING

ASSEMBLY DRAWINGS FOR A
42'W X 16'-2"H EAVE X 48'L
KELLY KLOSURE BUILDING

K.K. ORDER #:
P.O. #:

SAMPLE

1) BUILDING STRUCTURE

A) BUILDING STRUCTURAL DESIGN CRITERIA

a)	BUILDING CODE:	2009 IBC
b)	ROOF LOAD:	30 PSF (GROUND SNOW LOAD)
c)	SNOW DRIFT LOAD:	NONE
d)	WIND LOAD:	90 MPH (3 SECOND GUST)
e)	SEISMIC:	DESIGN CATEGORY "B", SOIL SITE CLASS "D"
f)	OCCUPANCY CATEGORY:	II

B) THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE BUILDING CODE AND BASIC STRUCTURAL DESIGN DATA LISTED ABOVE. THE BUILDING HAS BEEN DESIGNED AND ENGINEERED FROM A STRUCTURAL ASPECT ONLY. OTHER CODE COMPLIANCE ISSUES SUCH AS ENERGY EFFICIENCY, OCCUPANCY, EGRESS, HVAC, ELECTRICAL, MECHANICAL, FIRE SAFETY ETC. IS THE RESPONSIBILITY OF THE END USER OR ITS REPRESENTATIVES. MATERIAL SPECIFICATIONS ARE AVAILABLE UPON REQUEST.

IMPORTANT NOTES

PLEASE READ BEFORE BEGINNING ASSEMBLY OF BUILDING

WARRANTY WILL BE VOIDED IF THESE PROCEDURES ARE NOT FOLLOWED

Technical Support & Service
A Kelly Klosure Service Representative is just a phone call away.
Please feel free to call with any questions, suggestions or issues as they arise!
Please call 1-800-228-7230 and ask for Service during normal business hours.
If calling after hours, please leave a voice mail in the general mailbox.
Please include the Kelly Klosure Order Number shown to the left on this page when calling for service.

Damage & Shipping Shortages
Any damage or shipping shortages should be reported to Kelly Klosure within 15 days of delivery. Kelly will expedite replacement material. However, Kelly is not liable for replacement material purchased locally without prior approval.

Back Charges
Kelly Klosure must give prior approval of any work relating to shortages or errors in manufacturing. If prior approval is not given, back charges will be denied.

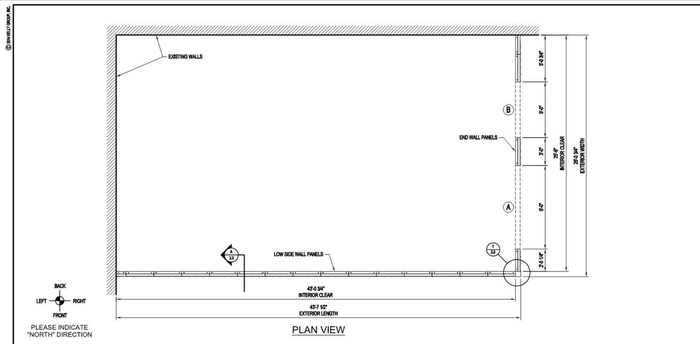
Exterior Fasteners
Due to vibration during the shipping process, some screws that hold the exterior steel sheeting to the panel frame may have been loosened. The building erector is to check and tighten all of the screws prior to building assembly. The screws are considered tight when the rubber washer is in complete contact with the sheeting and is not loose to the touch.

Bolt Installation
All bolts shall be "Snug Tight". A "Snug Tight" condition is the tightness that is attained with a few impacts of an impact wrench or the full effort of a crew member using an ordinary spud wrench to bring the connected plies into firm contact. Per ASTM A325, sufficient thread engagement is having the end of the bolt extending beyond or at least flush with the outer face of the nut.

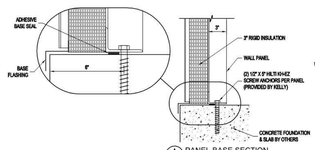
Building Penetrations
Every effort was made by Kelly during the approval process to factory frame any required wall or roof penetrations, or otherwise ensure that framing will not be interfered with for field cut penetrations. Prior approval and instructions for modification must be obtained from Kelly before cutting or modifying any structural steel framework, otherwise the warranty will be void.

Manufacturer's Disclaimer
The manufacturer has designed and engineered this system. Variations and/or modifications to the system or components will void and nullify any and all warranties, both written and/or implied, and liability for defects in the system and it's components. Manufacturer further accepts no responsibility and/or liability for obtaining or maintaining local, regional or national building permits, inspections or documents that may be required.

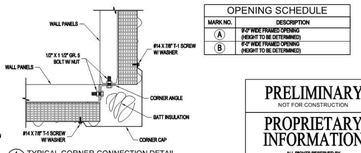
Lightning Protection Disclaimer
Kelly Klosure Systems roof & wall panels are manufactured from Galvalume® coated steel. To prevent galvanic corrosion, the roof and wall panels must not come into contact with, or water runoff from, copper, lead or copper bearing brasses. For lightning protection, aluminum conductors and aluminum or stainless steel clamps and fixtures are compatible with Galvalume® coated steel.



PLAN VIEW



A / 13 PANEL BASE SECTION
SCALE: 1 1/2" = 1'-0"



1 / 13 TYPICAL CORNER CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"

OPENING SCHEDULE

MARK NO.	DESCRIPTION
A	8'-0" WIDE FRAMED OPENING (HEIGHT TO BE DETERMINED)
B	6'-0" WIDE FRAMED OPENING (HEIGHT TO BE DETERMINED)

PRELIMINARY
NOT FOR CONSTRUCTION

PROPRIETARY INFORMATION

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Phone: 800-228-7230
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Kelly Klosure — TRUSS BY DESIGN. CUSTOM BY CHOICE.

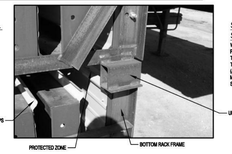
PLAN VIEW — SHEET 2 OF 3

2 WALL LEAN-TO ICVA HEALTH CARE SYSTEM — HEERY DESIGN

DRAWN BY: JVC — DATE: 11/20/14 — CHECKED BY: — SCALE: 3/16" = 1'-0"

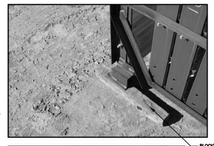
PANEL & PANEL RACK HANDLING TIPS

UNLOADING & LIFTING PANEL RACKS WITH A FORKLIFT
UPPER RACKS SHOULD BE REMOVED FROM THE TRUCK FIRST & PLACED AROUND THE WORKING AREA.

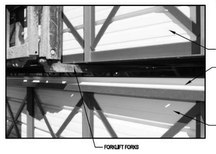


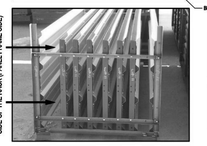
STORING PANEL RACKS IN STACKED POSITIONS
WHEN PANEL RACKS ARE STORED IN A STACKED POSITION (ONE ON TOP OF THE OTHER) ON SITE, THE FEET OF THE UPPER RACK MUST NEST INTO THE UPPER END OF THE BOTTOM RACK FRAMING (AS SHOWN). THIS KEEPS RACKS SPACED, MAINTAINING A PROTECTION ZONE FOR THE SHEETING OVERLAPS.

SEPARATING PANEL RACKS
WHEN LIFTING RACKS ONE OFF THE OTHER WITH A FORKLIFT, SPECIAL CARE MUST BE TAKEN TO PREVENT THE FORKS OF THE FORKLIFT FROM DAMAGING THE SHEETING OVERLAPS THAT PROTRUDE ABOVE THE BOTTOM PANEL RACKS. THIS MATERIAL IS MORE SUSCEPTIBLE TO DAMAGE THEN THE PANEL FRAMES.

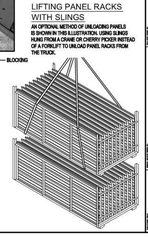


REMOVING PANELS FROM RACKS
WHEN PANEL RACKS ARE REMOVED FROM THE TRUCK AND PLACED AROUND THE STAGING AREA. THE FRONT TWO CORNERS OF EACH RACK SHOULD BE BLOCKED UP. THIS PREVENTS PANELS FROM TIPPING OUT AS PANELS ARE REMOVED. IF THIS IS NOT DONE, THEN THERE IS THE POTENTIAL FOR PANEL DAMAGE.





REMOVE PANELS STARTING WITH THIS SIDE OF THE RACK (PANEL FRAME SIDE)



LIFTING PANEL RACKS WITH SLINGS
AN OPTIONAL METHOD OF UNLOADING PANELS IS SHOWN IN THIS ILLUSTRATION, USING SLINGS HUNG FROM A CRANE OR CHERRY PICKER INSTEAD OF A FORKLIFT TO UNLOAD PANEL RACKS FROM THE TRUCK.

SAMPLE

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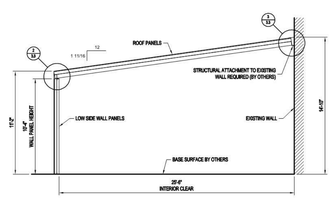
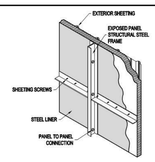
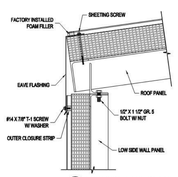


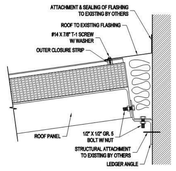
CROSS-SECTION



TYPICAL PANEL ISOMETRIC



1 / 13 LOW SIDE EAVE DETAIL
SCALE: 1 1/2" = 1'-0"



1 / 13 ROOF TO EXISTING DETAIL
SCALE: 1 1/2" = 1'-0"

BUILDING NOTES:

BUILDING CODE:	2012 IBC
ROOF LOAD:	30 PSF (GROUND SNOW LOAD)
SNOW DRIFT LOAD:	NONE
WIND LOAD:	115 MPH, 3 SECOND GUST (90 MPH - IBC 2009)
SEISMIC:	DESIGN CATEGORY "B", SOIL SITE CLASS "D"
RISK CATEGORY:	II (OCCUPANCY CATEGORY II - IBC 2009)

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2. THESE DRAWINGS ARE PRELIMINARY AND ARE NOT TO BE USED FOR APPROVAL OR CONSTRUCTION.

3. COMPLETE APPROVAL DRAWINGS INCLUDING REQUIRED FOUNDATION SIZE ARE PROVIDED UPON ORDER AND BEFORE FABRICATION OF THE BUILDING. CONTACT KELLY KLOSURE SYSTEMS BEFORE POURING CONCRETE FOUNDATIONS (IF APPLICABLE). FOUNDATION SIZE OR COMPLETE APPROVAL DRAWINGS CAN BE PROVIDED AHEAD OF ORDER IF REQUIRED. CONTACT KELLY KLOSURE SYSTEMS (800)228-7230.

PANEL COMPONENTS & FINISH

PANEL COMPONENT	WALL PANELS	ROOF PANELS
EXTERIOR SHEETING	26 GAUGE IMPERIAL RIB (SILICONIZED POLYESTER FINISH)	26 GAUGE IMPERIAL RIB (SILICONIZED POLYESTER FINISH)
INSULATION	3" THICK RIGID POLYISOCYANURATE	4" THICK RIGID POLYISOCYANURATE
INTERIOR LINER	29 GAUGE PAINTED	29 GAUGE PAINTED
STEEL FRAMING	SINGLE COAT PRIMER	SINGLE COAT PRIMER

COLOR SCHEDULE

CHOOSE COLORS ACCORDING TO CHARTS LOCATED AT: http://www.kellyklosure.com/resource CLICK ON: "26 GAUGE PAINTED IMPERIAL RIB PROFILE COLOR CHART"

ITEM	COLOR OR FINISH REQUESTED
ROOF SHEETING & RIDGE CAP	
WALL SHEETING & BASE FLASHING	
VERTICAL CORNER FLASHING	
EAVE & GABLE FLASHING	
GUTTERS	
DOWN SPOUTS	
PERS. & EQUIPMENT DOOR TRIM	
PERSONNEL DOORS	MFG. STANDARD GRAY
EQUIPMENT DOORS	NONE SUPPLIED
INTERIOR LINER	WHITE
EXPOSED INTERIOR STRUCTURAL STEEL	STANDARD RED PRIMER

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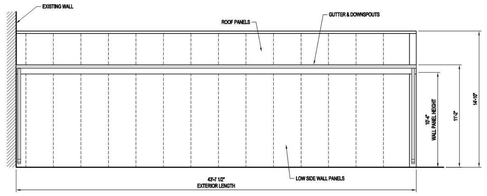
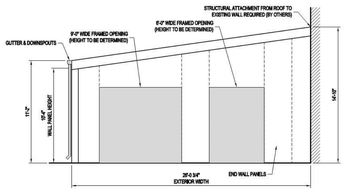
CROSS-SECTION — SHEET 3 OF 3

2 WALL LEAN-TO ICVA HEALTH CARE SYSTEM — HEERY DESIGN

DRAWN BY: JVC — DATE: 11/20/14 — CHECKED BY: — SCALE: 3/16" = 1'-0"



FRONT ELEVATION



RIGHT ELEVATION

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ELEVATIONS — SHEET 1 OF 3

2 WALL LEAN-TO ICVA HEALTH CARE SYSTEM — HEERY DESIGN

DRAWN BY: JVC — DATE: 11/20/14 — CHECKED BY: — SCALE: 3/16" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date

VA FORM 08-6231, FEB. 1983

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title: METAL BUILDING SAMPLE DRAWINGS	Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL		Date: 12/15/2014
			Project No.: 636-201
CONSTRUCTION DOCUMENTS	Building No.: BLDG 1	Checked: MW / Drawn: RD	DRAWING NO.: 1-DE2
FOR REFERECE ONLY	Location: ICVA HEALTH CARE SYSTEM		

Office of Facilities

Department of Veterans Affairs