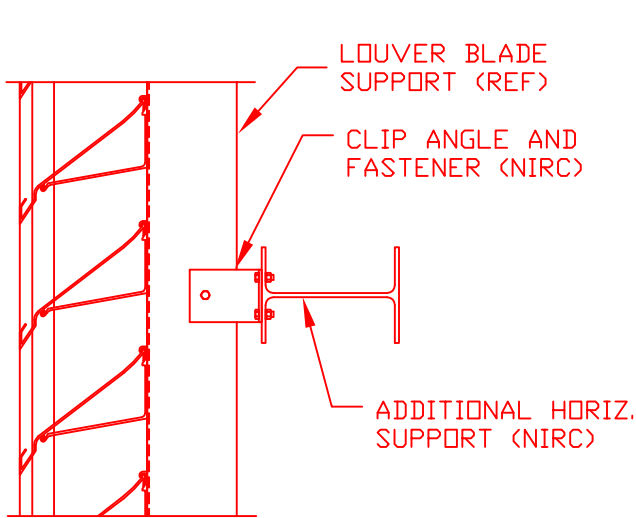
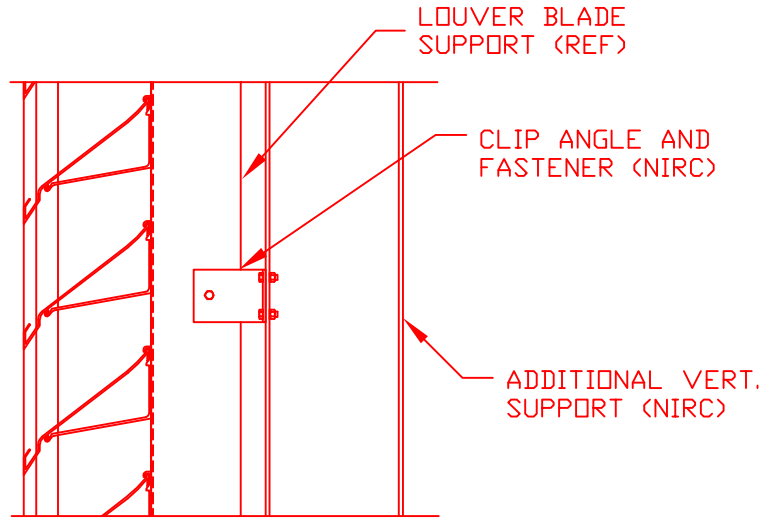


RUSKIN LOUVERS ARE PROVIDED WITH STRUCTURAL ELEMENTS TO RESIST LATERAL WIND AND SEISMIC LOADS. THESE ELEMENTS CONSIST OF BLADE SUPPORTS ON THE REAR OF THE LOUVER AND/OR SHIP SECTION MULLIONS. THE MAXIMUM SPAN FOR THESE ELEMENTS IS 180". WHEN LOUVER HEIGHTS EXCEED 180", ADDITIONAL STRUCTURE IS REQUIRED BEHIND THE LOUVER. THIS STRUCTURE TYPICALLY CONSISTS OF HORIZONTAL BEAMS OR VERTICAL COLUMNS. THE DETAILS SHOWN BELOW ARE SUGGESTIONS FOR THE TYPE OF STRUCTURE AND THE CONNECTION TO THE LOUVER. THE DESIGN, SUPPLY AND INSTALLATION OF THIS STRUCTURE, AND ASSOCIATED INSTALLATION ANGLES AND FASTENERS, ARE BY OTHERS.



HORIZONTAL SUPPORT



VERTICAL SUPPORT

1. NIRC = NOT IN RUSKIN CONTRACT
2. HORIZONTAL AND VERTICAL SUPPORTS TO BE ENGINEERED, PROVIDED AND INSTALLED BY OTHERS. THEY MUST BE CONNECTED TO EVERY LOUVER BLADE SUPPORT AND VISIBLE MULLION AT 180" MAXIMUM SPACING. NOTE THAT ALL VERTICAL ELEMENTS MUST BE SUPPORTED AT HEAD AND SILL LOCATIONS.
3. CLIP ANGLES AND FASTENERS ARE DESIGNED, PROVIDED AND INSTALLED BY OTHERS.

**RUSKIN**  
**SWARTWOUT**

3900 DR. GREAVES RD  
GRANDVIEW, MD 64030  
PROPRIETARY INFORMATION

PLOT SCALE

N.T.S.

DWN.  
BY: WRT  
DATE: 3/27/08

TITLE

SUGGESTED ADDITIONAL  
SUPPORT CONNECTION DETAIL

SKETCH NO.

ADDSUPPT1