

KAWASAKI STEEL TECHNICAL REPORT

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Overseas Engineering Operations

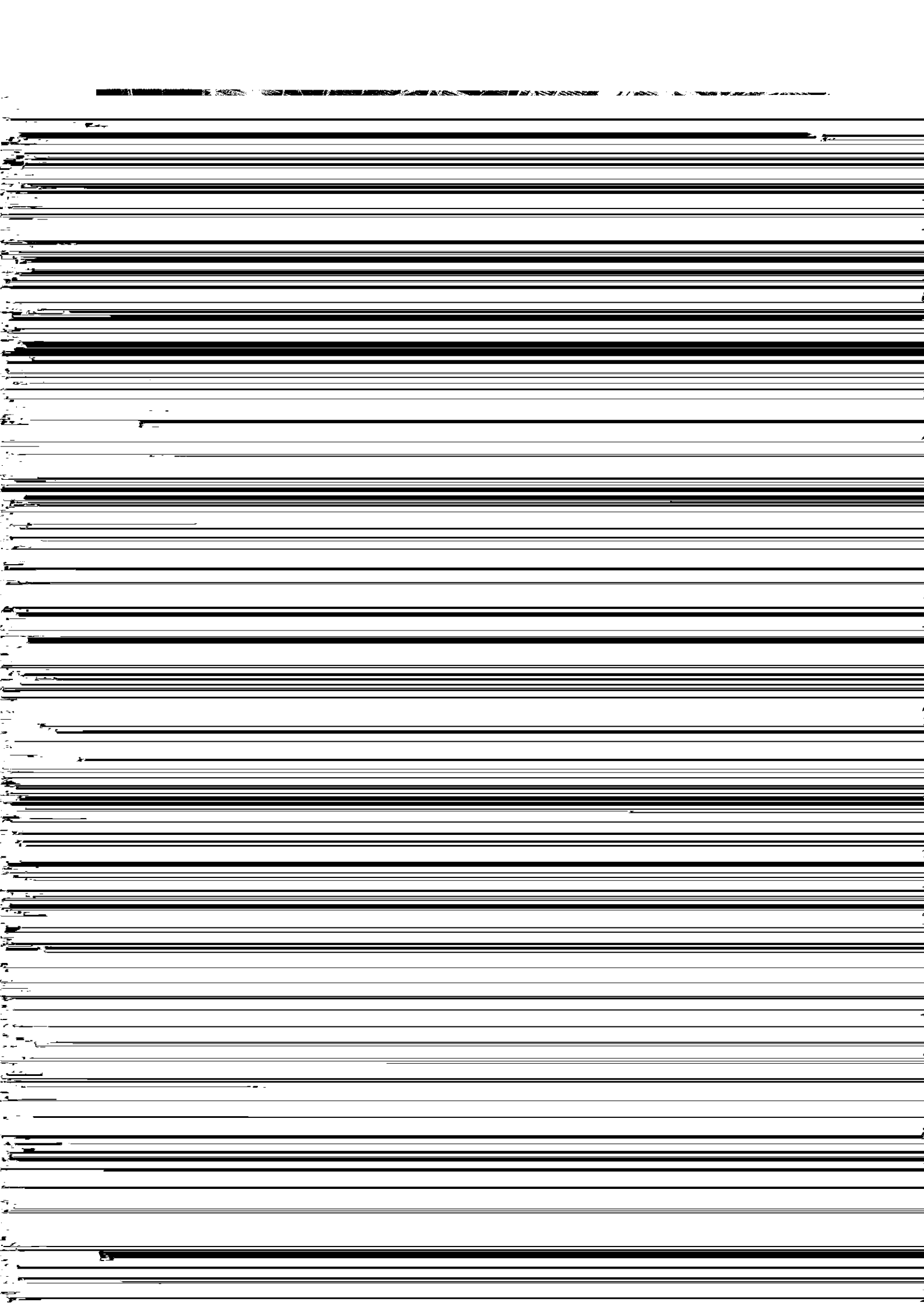
Engineering and Erection Using Sliding Method for Large Span Roof in the U.S.A.*

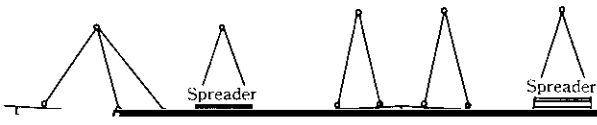


Synopsis:

A unique long span structural named "Super Wing"

Developed by Kawasaki Steel Co., Ltd.





elongation of PC strands (elongation + compressed shrinkage of bottom chord). An example of pre-stressing control chart is shown in Fig. 3. Tension is controlled so

at the bottom of sliding shoe installed in the above leg portion of truss. The maximum weight to be considered during sliding is about 1 000 t and two hydraulic jacks

being locally procured were also examined. In this jack system the amount of slide of one stroke is 150 mm and