E7340M BOLTED FIELD SPLICE ANALYSIS

H	RUN	FREE STYLE DESCRIPTION
H	Ø1	

A	CARD #	S OR (L)	C OR (NC)	FOR COMPOSITE DESIGN ONLY: N	3N	CONCRETE SLAB (mm): LEFT WIDTH	RIGHT WIDTH	DEPTH	BUILD UP (mm): WIDTH	DEPTH	STEEL ALLOWABLE: BENDING STRESS MPa	SHEAR STRESS MPa	FATIGUE RANGE MPa
A													

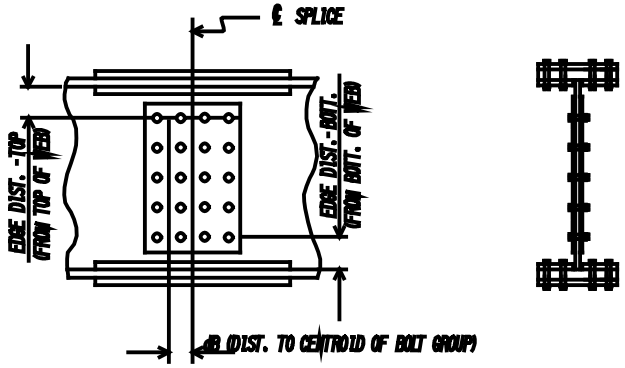
NUMBER OF HOLES

TOP FLANGE	BOTTOM FLANGE	WEB
4	4	5

NO. OF BOLTS WEB GROUP=10
NO. OF BOLTS PER ROW=2

B	CARD #	MOMENT (KN·m): D.L. NON-COMP	D.L. COMP	LL+I	-(LL+I)	SHEAR (KN): D.L. NON-COMP	D.L. COMP	LL+I	DESIGN SHEAR R
B									

C	CARD #	WEB DEPTH (mm)	WEB THK. (mm)	TOP FLANGE WIDTH (mm)	TOP FLANGE THK. (mm)	BOTT. FLANGE WIDTH (mm)	BOTT. FLANGE THK. (mm)	WEB SPLICE PLS DEPTH (mm)	WEB SPLICE PLS THK. (mm)
C									



FLANGE-WEB SPLICE DATA

Q	CARD #	NO. OF HOLES: TOP FLG. X-SECT	BOTT. FLG. X-SECT	WEB X-SECT	BOLT DIAM. (mm)	NO. BOLTS WEB GROUP	NO. BOLTS PER ROW	VERTICAL WEB HOLE SPACING (mm)	HORIZ. WEB HOLE SPACING (mm)	EDGE DIST. TOP (mm)	EDGE DIST. BOTT. (mm)	DIST. TO CENTROID OF BOLT GROUP (mm)	ALLOW SHEAR DESIGN STRENGTH PER BOLT (KN)	SLIP RESIST. PER BOLT (KN)	COMMENTS

OCTOBER 1993