PLAN - EXAMPLE TOP LATERAL DETAILS

CONNECT LATERALS AT EACH SIDE OF TOP FLANGE
USE BOLTED GUSSET PLATE OR BOLT DIRECTLY TO FLANGE
SIZE OF LATERALS AND CONNECTIONS WILL DEPEND ON LOADS

EQUAL SIZE E

INSTALL AFTER WEB-TO-FLANGE
WELDING. OMIT AT LOCATIONS
WITHOUT CROSSFRAMES

CUP STIFFENER FOR
AUTOMATIC WELDER ACCESS

NON-STOP AUTOMATIC
WELDING PREFERRED

LOWER TRANSVERSE
STIFFENER DETAIL

BOTTOM FLANGE EXTENSION TO
ALLOW AUTOMATIC WELDER USE

EXAMPLE CROSSFRAME
WITHOUT FLANGE STIFFENER

EXAMPLE CROSSFRAME
REGIONS WITH FLANGE STIFFENER

NOTE:
FULL HEIGHT STIFFENERS MAY BE USED
PROVIDED THEY ARE INSTALLED AFTER
ALL WEB-TO-FLANGE WELDING IS COMPLETED.

PROJECT SPECIFIC WELD SIZES

MAY REQUIRE THE USE OF 1/2" ASTM A325 BOLTS. DO NOT WELD.
VERIFY FLANGE STRESSES IN THE VICINITY OF BOLT HOLES ARE WITHIN ALLOWABLES.