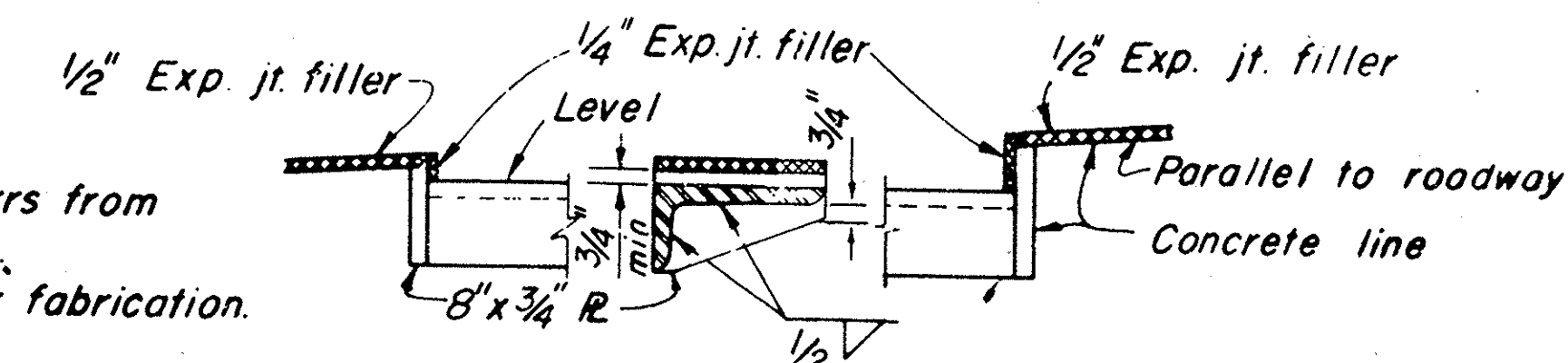
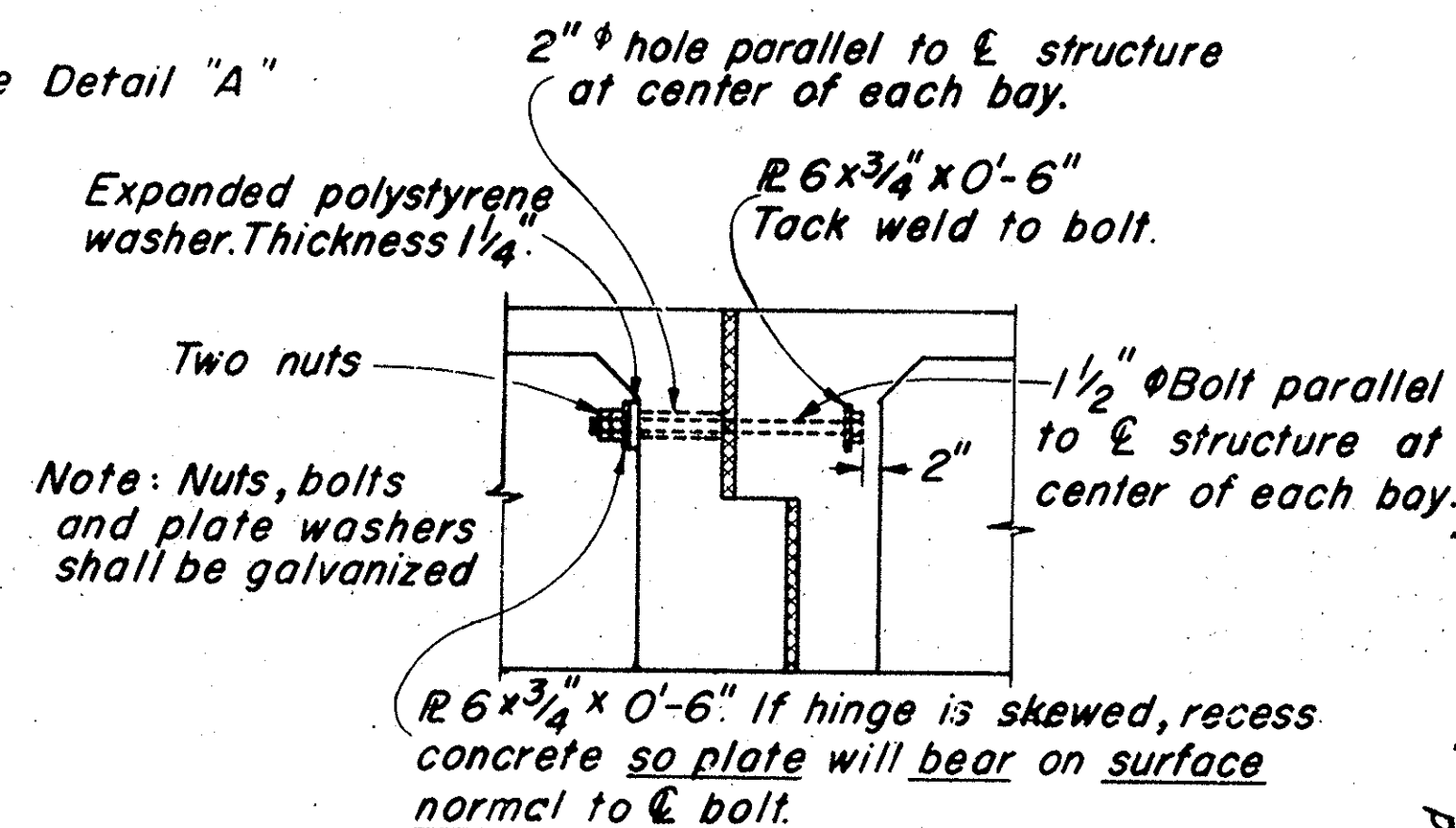


NOTE:

Remove sharp corners and burrs from ends of angles and end plates.
Galvanize hinge assembly after fabrication.



DETAIL "A"
SCALE: 1 1/2" = 1'-0"

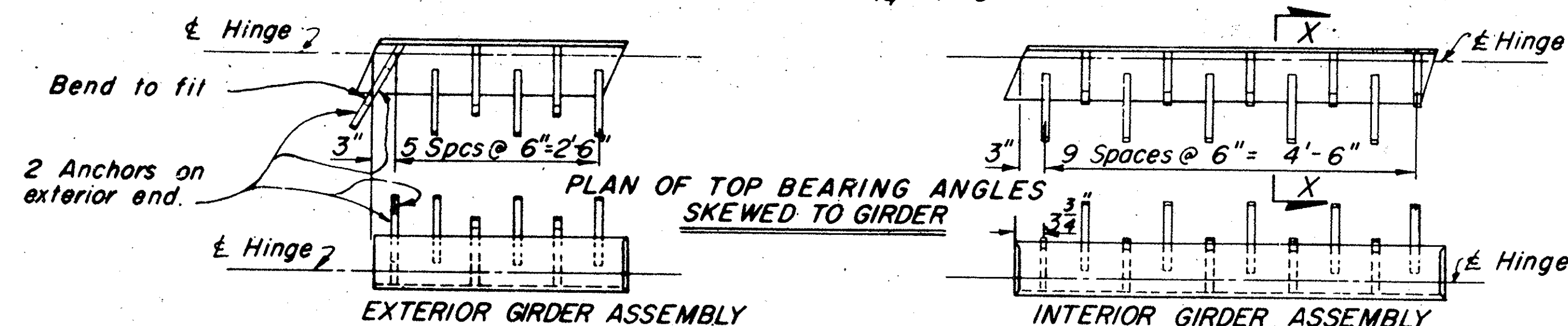


EQUALIZING BOLT DETAIL

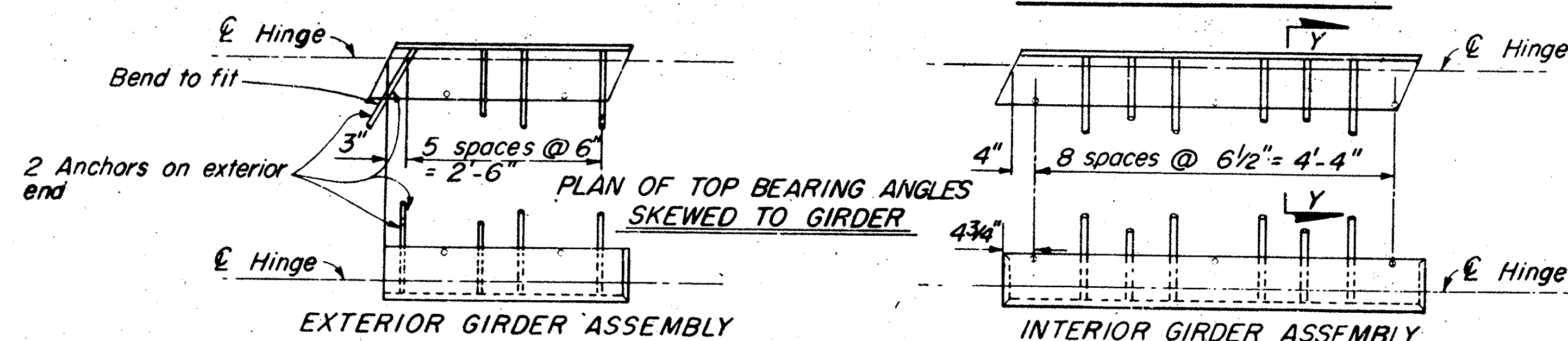


HINGE NORMAL TO GIRDER

Interior Assembly Max. shear for 5'-0" long angle = 252k



STRAP ANCHORS

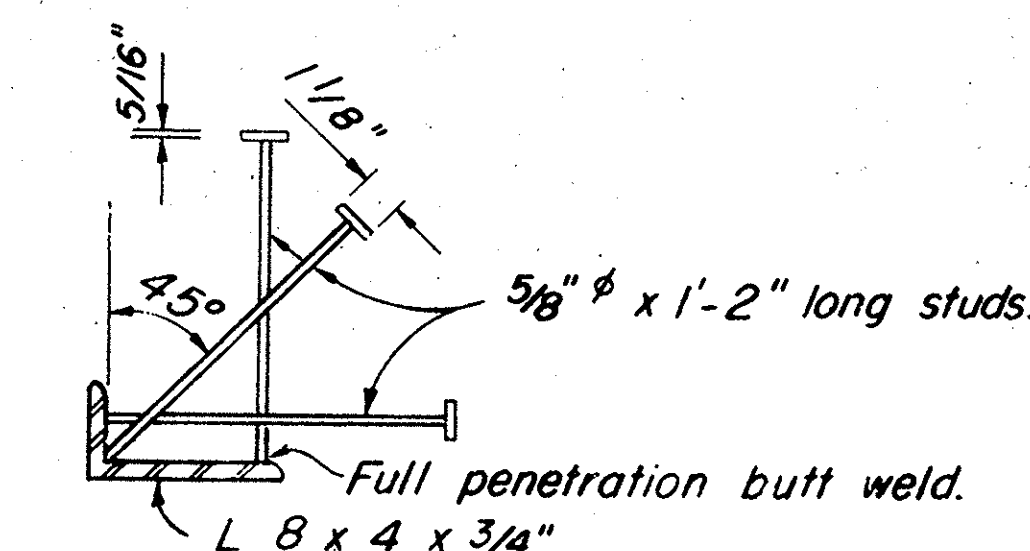


ANCHOR ALTERNATIVES

Scale: $3/4" = 1'-0"$

SECTION X-X

Scale: $1\frac{1}{2}'' = 1' - 0''$



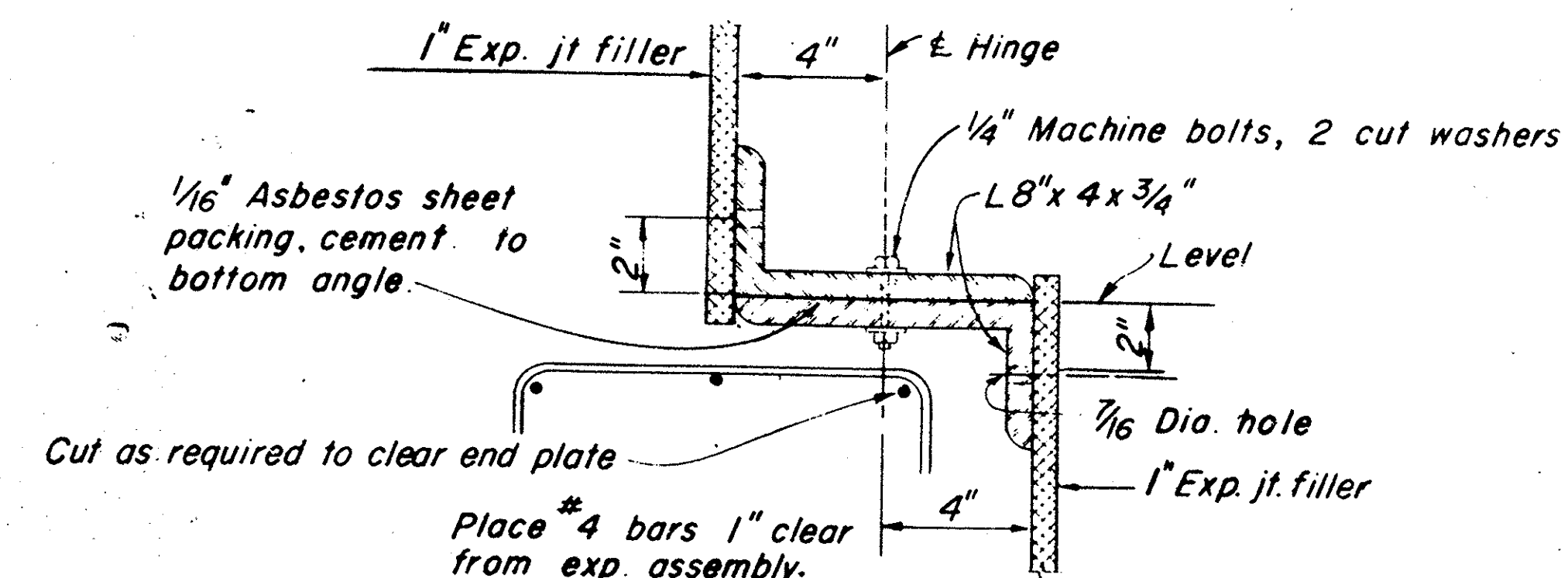
SECTION Y-Y

Scale: $1\frac{1}{2}" = 1'-0"$

*Galvanize hinge assembly
after fabrication.*

TYPICAL EXPANSION HINGE

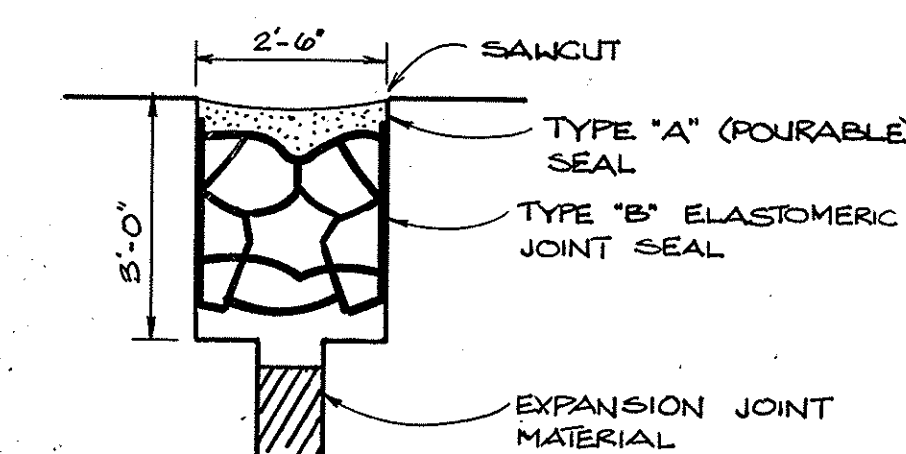
Scale: $3/4" = 1' - 0"$



SECTION THRU EXPANSION ASSEMBLY

Scale: $3'' = 1' - 0''$

3 inches on original drawing



(E) C	△ 4-81 AS BUILT	ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY ORANGEWOOD AVE. BRIDGE HINGE DETAILS	
MARK DATE DESCRIPTION		PREPARED UNDER SUPERVISION OF <i>Will Emery 11/6/89</i> DATE	SHEET
REVISIONS			IC
DESIGNED E.A.		SCALE AS SHOWN	DATE DWG. NO.
DRAWN D.C.H. CHECKED G.A.			