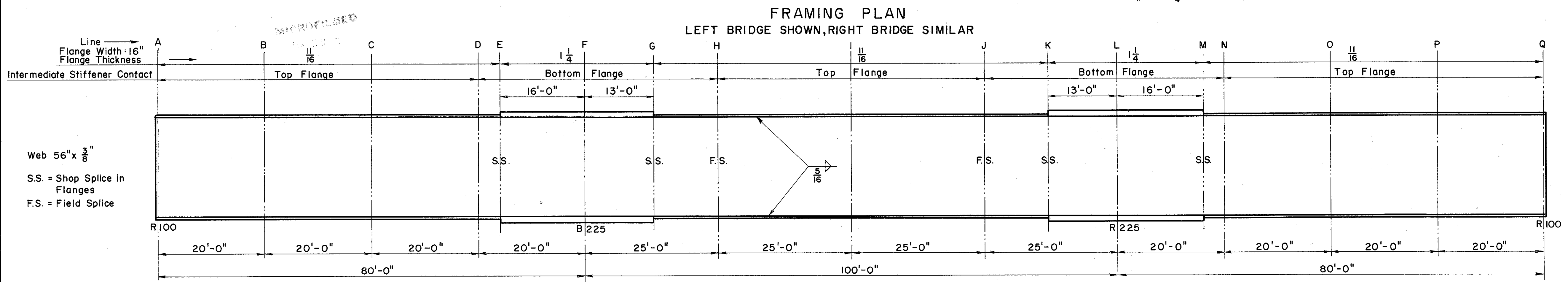
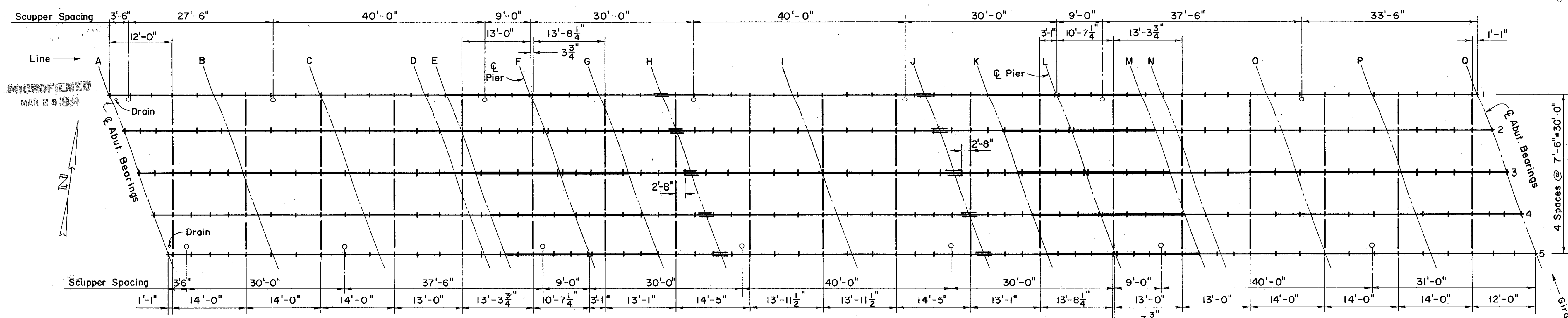


LAKE COUNTY
LAK-2-16.49

Intermediate stiffeners are spaced equally between control dimensions shown.



REFERENCE shall be made to Standard Drawing RB-155 revised 2-2-59 for details of bearings.

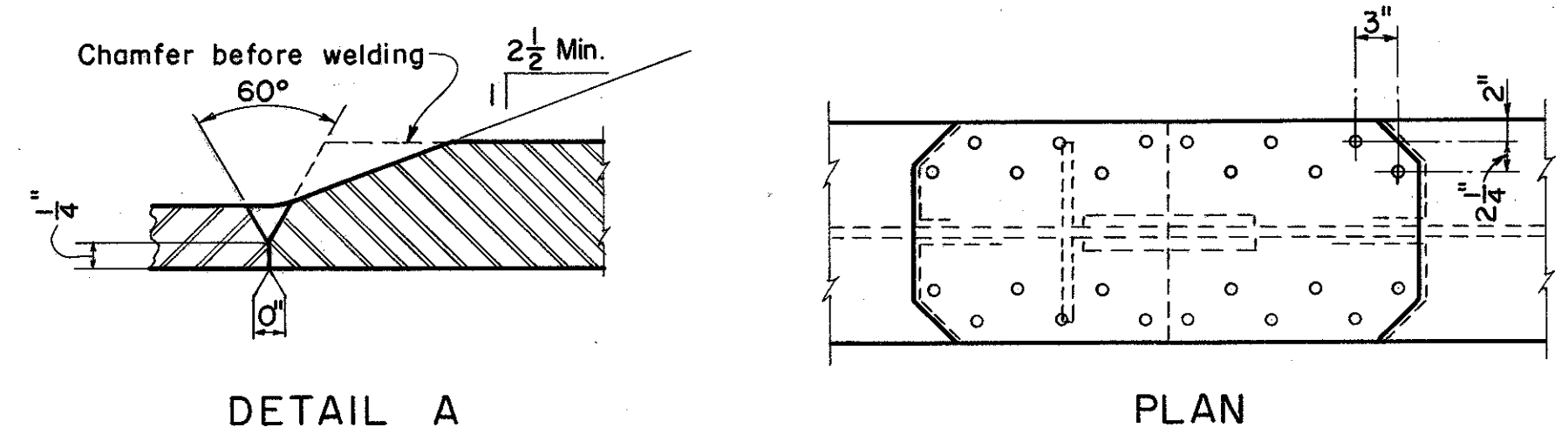
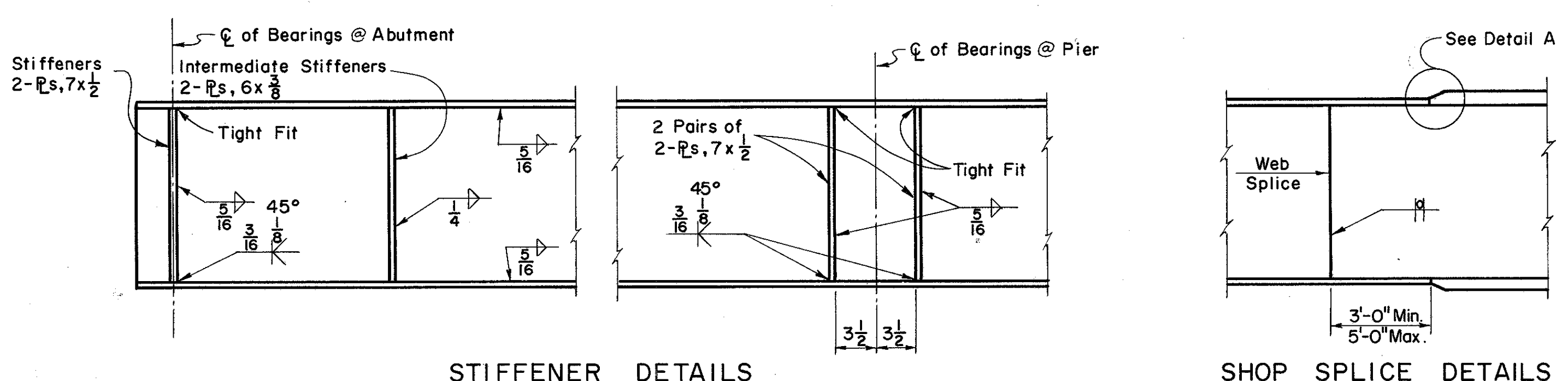
SHOP SPLICES: If additional shop splices are necessary, their location and detail shall be submitted to the Director for approval prior to ordering of material.

WELDING OF STRUCTURAL STEEL shall be Class 'A' except as otherwise shown.

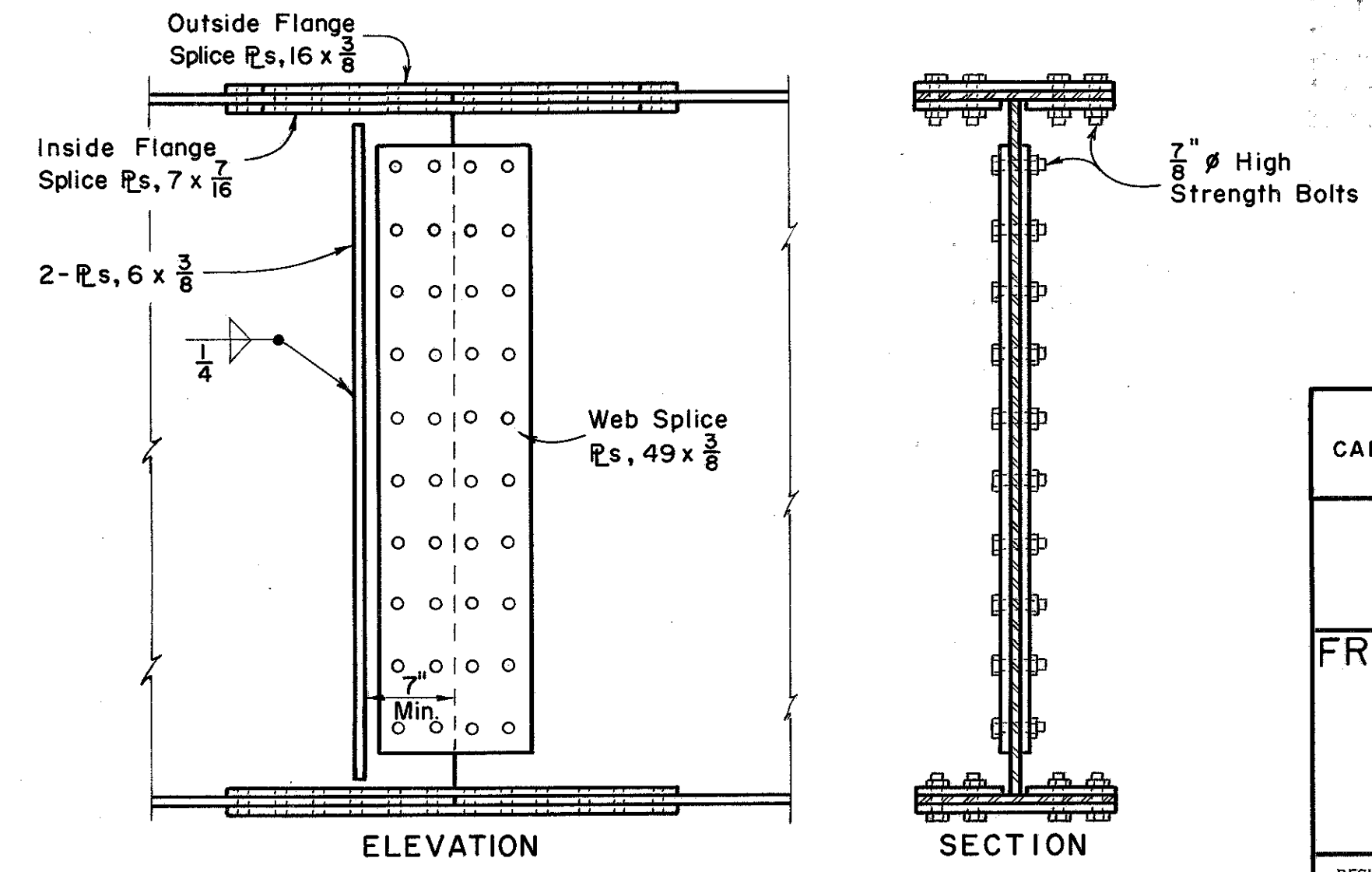
ALL BUTT WELDS shall be radiographically inspected according to Supplemental Specification S-307 dated 8-23-62.

BUTT WELDS shall be formed by welding from both sides with back gouging before welding from the second side.

INTERMEDIATE STIFFENERS: Supplementary to Section S-7.14 of the Construction and Material Specifications, intermediate stiffeners of welded, built-up girders shall have contact bearing with the compression flange, but may have a clearance of not more than 3/8 inch from the tension flange at the locations shown. In shop painting, care shall be taken to make certain that paint is forced through from one side to the other of the 3/8 inch opening.



DEFLECTION & CAMBER DATA																	
LINE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Deflection due to weight of steel, each girder	-	1/16"	1/8"	1/16"	1/16"	-	0	1/16"	1/8"	1/16"	0	-	1/16"	1/16"	1/8"	1/16"	-
Deflection due to remaining dead load, each girder	-	7/16"	7/16"	1/4"	3/16"	-	1/16"	3/16"	1/2"	3/16"	1/16"	-	3/16"	1/4"	7/16"	7/16"	-
Vertical Curve Convexity	-	-1/4"	-3/8"	-1/4"	-1/4"	-	-1/4"	-1/6"	-7/16"	-7/16"	-1/4"	-	-1/4"	-1/4"	-3/8"	-1/4"	-
Required Camber	-	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	-



PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

FRAMING PLAN & GIRDER DETAILS
BRIDGE NO. LAK-2-1652 L & R
RELOC. SR. 2 OVER GRAND RIVER
LAKE COUNTY
STA. 772 + 03.61
STA. 774 + 68.39

DESIGNED M.C.P. L.L.D.	DRAWN M.J.F.	TRACED FWB	CHECKED L.L.D. M.J.F.	REVIEWED G.S.W. M.C.P.	DATE	REVISED
------------------------------	-----------------	---------------	-----------------------------	------------------------------	------	---------