



PROSPECTIVE SHOWER HOSE  
THRU-DECK CUT LOCS (EITHER FWD  
OR AFT OF STEERING CMPT BHD)  
-TWO HOSES NOMINAL 1/2" I.D.  
-STBD SIDE ONLY  
-LOCATE GUSSETS TRANSVERSELY  
AS NEEDED FOR HOSE CLEARANCE

4" X 4" X 3/16" ALUM. SQ TUBE  
(EXIST.)

3/8" BOLTS  
(EXIST.)

3/8" ALUM. BASEPLATE  
(EXIST.)

G10 BACKING PL  
(TO INSTALL)

GUSSETS CUT FROM FRP I-BEAM  
(PERSP. NOT TO SCALE)

DECK  
(EXIST.)

GUSSETS FASTENED TO G10 BACKING  
PLATE W/ ADHESIVE FILLET & FRP TABBING

AFT GUSSET  
(TO INSTALL)  
COULD BE CUT FROM STRUCTURAL  
FRP I-BEAM 6" X 3" X 1/4"  
MCMASTER-CARR 9468T21 OR  
SIMILAR WITH 3" WIDE FLANGE  
AGAINST BHD

GUSSETS FASTENED TO BHD WITH  
ADHESIVE AND/OR MECHANICAL FASTENERS

STEERING  
CMPT BHD  
(EXIST.)

FWD GUSSET  
(TO INSTALL)  
COULD BE CUT FROM STRUCTURAL  
FRP I-BEAM 6" X 3" X 1/4"  
MCMASTER-CARR 9468T21 OR  
SIMILAR WITH 3" WIDE FLANGE  
AGAINST BHD

FWD >

**SOLANDER 38**  
G10 BACKING PLATES FOR SUPERSTRUCTURE BASE  
GUSSETS  
LONG'L SECTION AT ARCH VERT 4"X4" CTR  
FULL SCALE / 11" X 17"  
HJN 8/14/25  
SHEET 3 OF 3