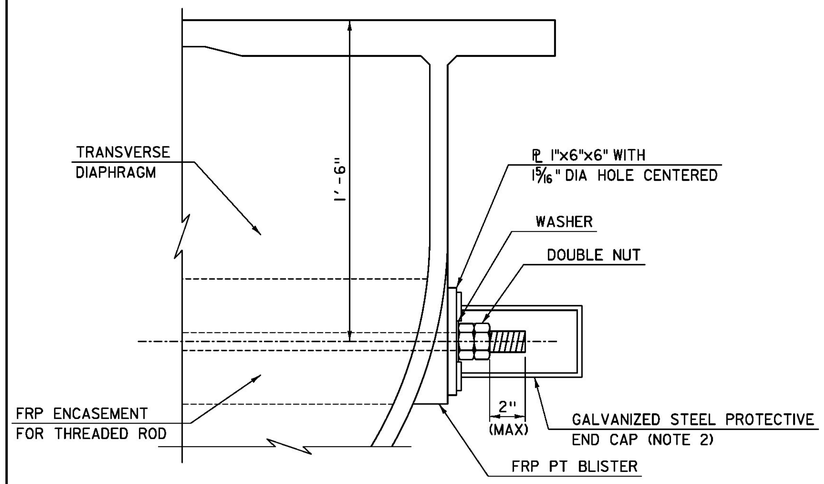
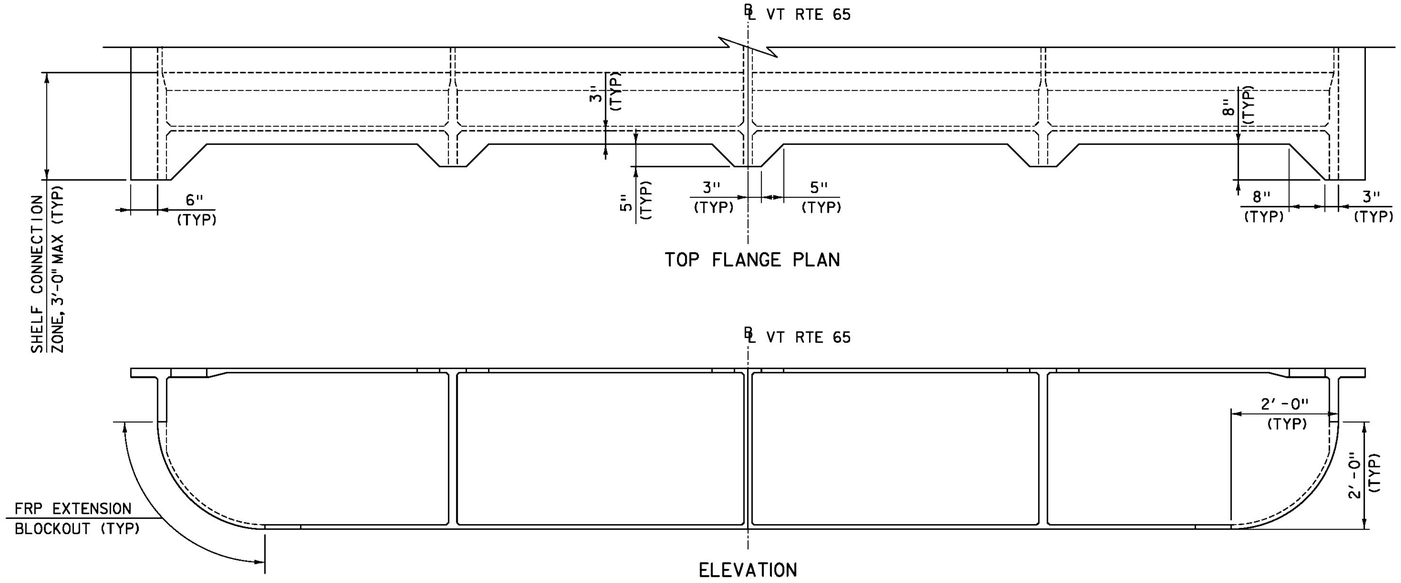
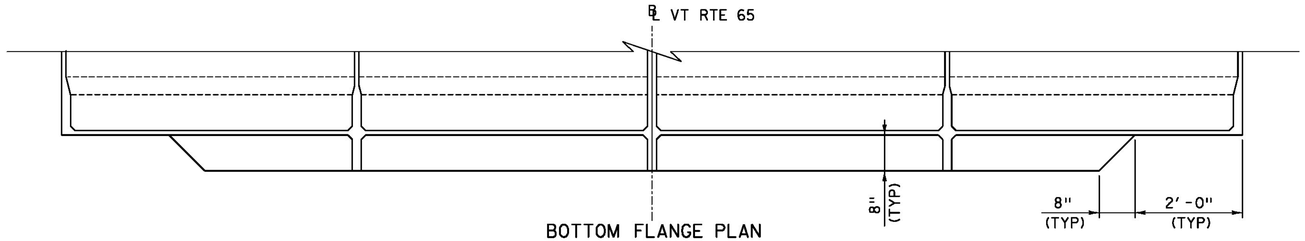
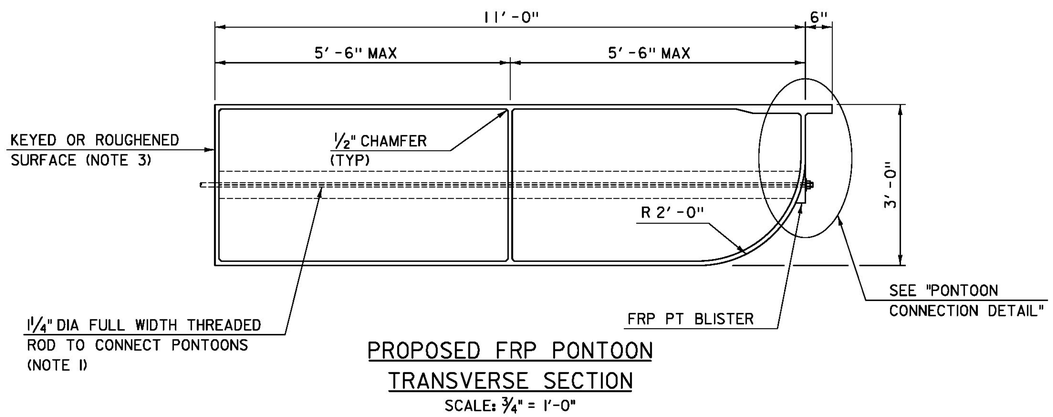


PONTOON CONNECTION DETAIL

NOT TO SCALE







PROPOSED FRP PONTOON
TRANSVERSE SECTION

SCALE: 3/4" = 1'-0"

FRP RAFT END DETAIL
AT END OF FLOATING SPAN

SCALE: 3/4" = 1'-0"

NOTES:

1. THREADED RODS SHALL BE TENSIONED TO AN INITIAL JACKING FORCE OF 55 KIPS AND SHALL BE RETENSIONED 2 WEEKS AFTER INITIAL TENSIONING, TO THE SAME MAGNITUDE. THE FRP ENCASEMENT FOR THREADED RODS SHALL BE DESIGNED TO RESIST COMPRESSIVE FORCES CAUSED BY TENSIONING OPERATIONS. THREADS ALONG THREADED RODS NEED ONLY BE PRESENT NEAR THE ANCHOR LOCATIONS FOR PROPER INSTALLATION. 1
2. THE GALVANIZED STEEL PROTECTIVE END CAPS SHALL PROVIDE A WATER-TIGHT ENCLOSURE AROUND THE THREADED ROD ENDS. THE CONTRACTOR SHALL SUBMIT INTENDED METHOD OF SECURING THE END CAP FOR APPROVAL. ALTERNATIVE PROTECTIVE END CAPS MAY BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDED SUCH CAPS CAN RESIST ICE PRESSURES NOTED HEREIN AND HAVE CORROSION RESISTANCE EQUIVALENT OR BETTER THAN THE PROPOSED GALVANIZED STEEL CAPS. 1
3. SURFACE BETWEEN PONTOONS SHALL BE KEYED OR ROUGHENED BY METHODS OF SANDBLASTING, ACID ETCHING, OR ADHESIVELY APPLIED SILICA GRIT. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

REVISION	DESCRIPTION	DATE
REVISION #1	REVISED NOTES	2/4/2014

PROJECT NAME: BROOKFIELD
PROJECT NUMBER: BRF FLBR(2)

TYLIN INTERNATIONAL

FILE NAME: z12el34bdrfrp_details2.dgn
PROJECT LEADER: J. OLUND
DESIGNED BY: J. OLUND
FRP RAFT DETAILS 2

PLOT DATE: 2/5/2014
DRAWN BY: S. MORGAN
CHECKED BY: D. MYERS
SHEET 34 OF 70