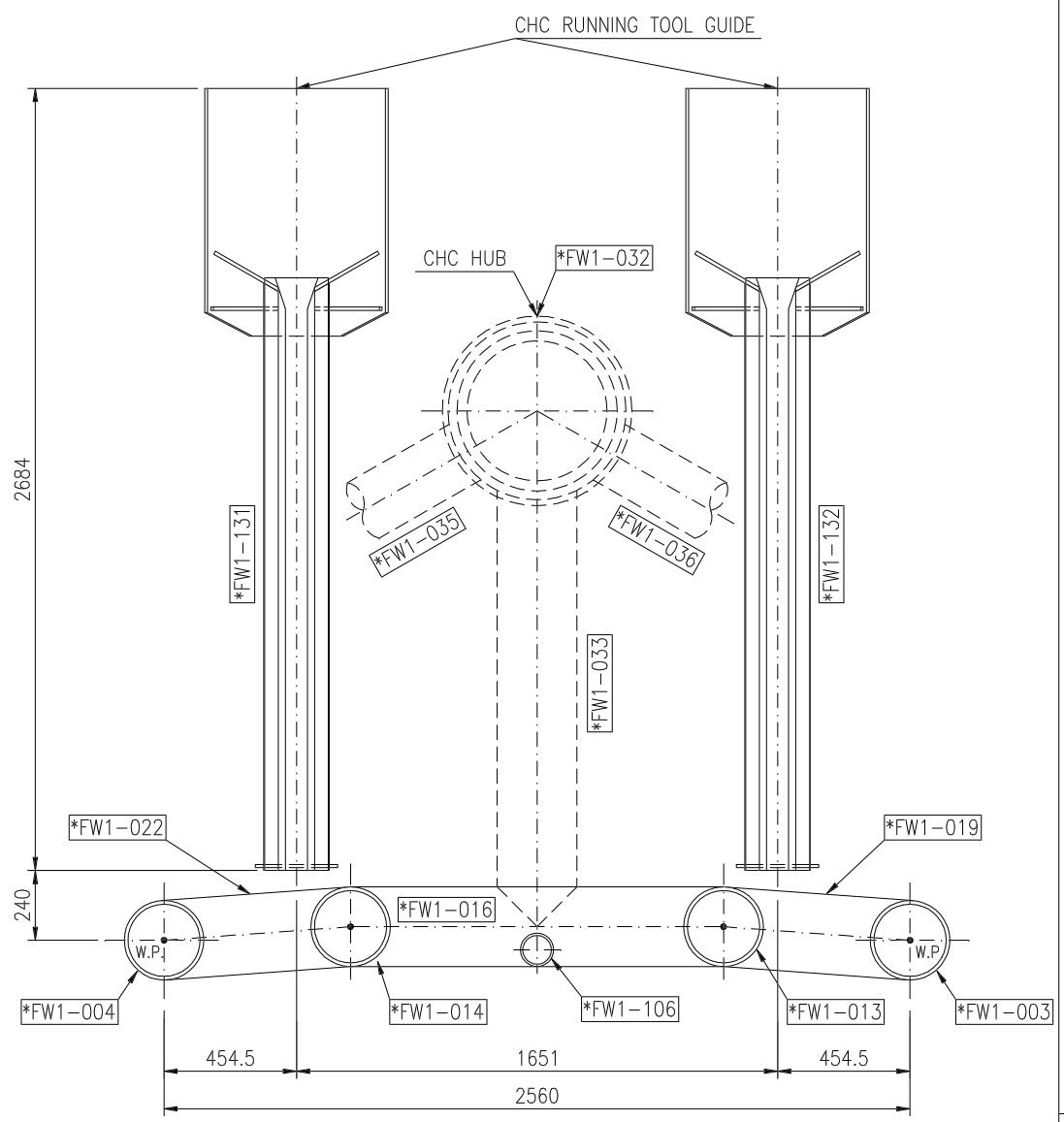
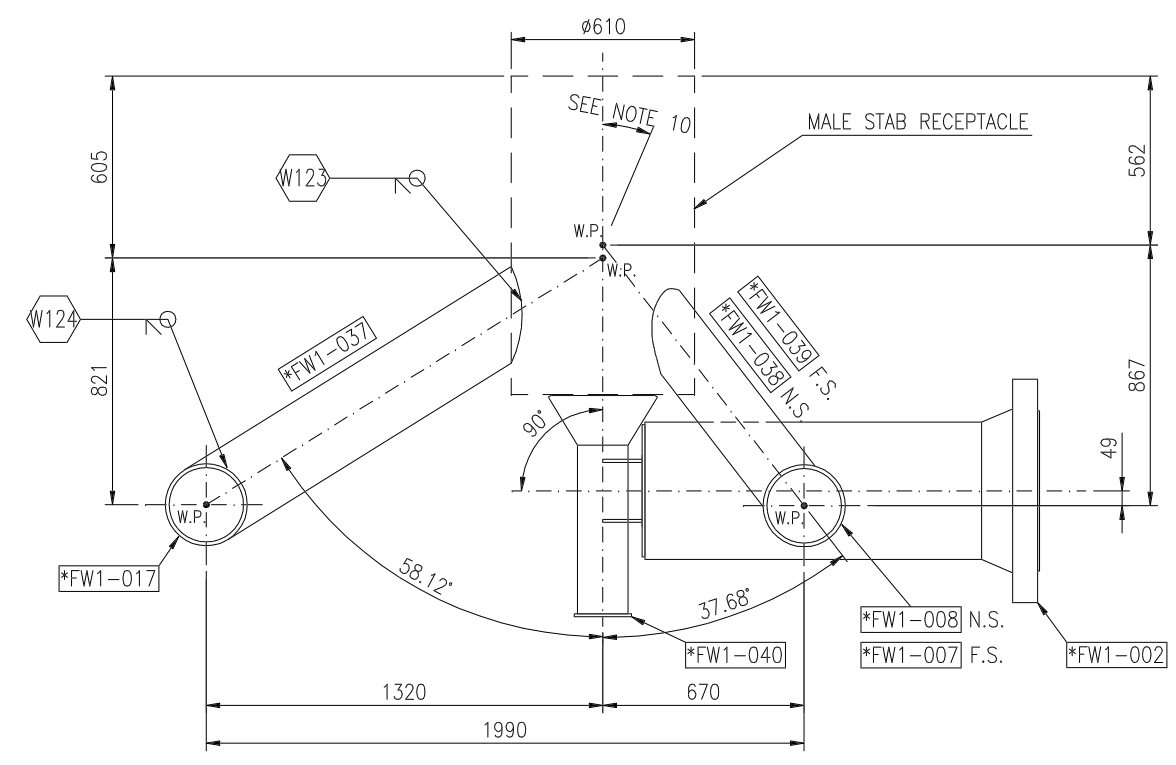


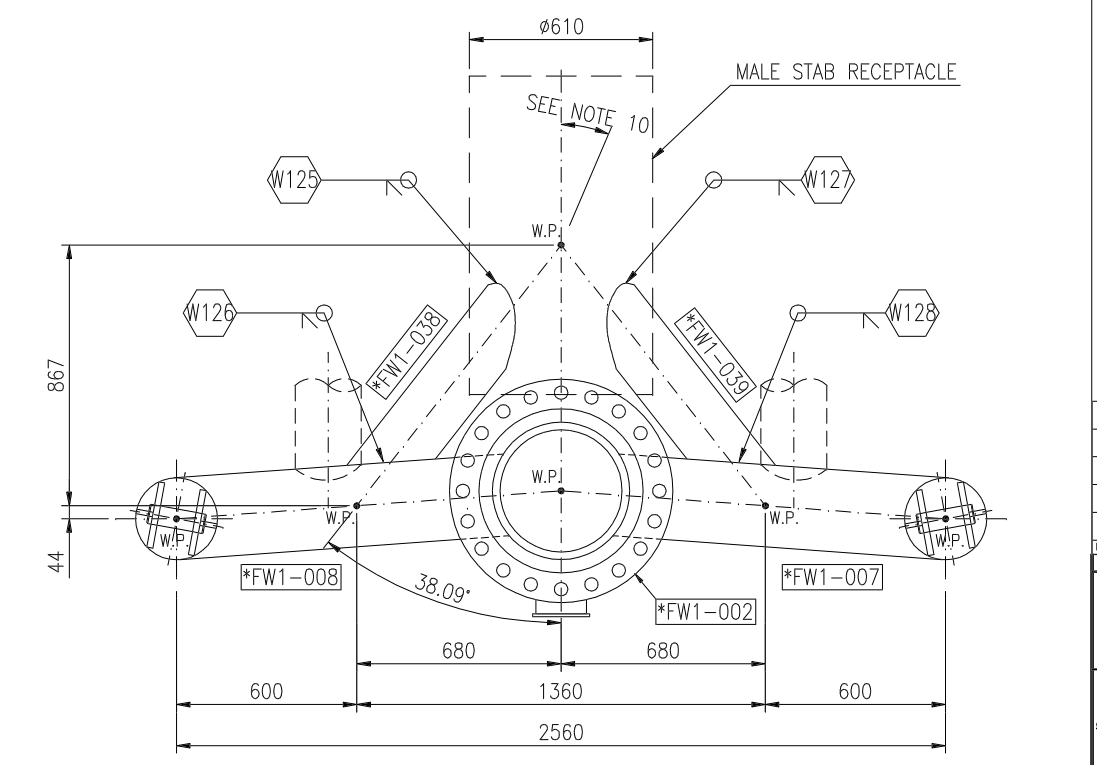
SECTION X-X
CHC HUB & BUOYANCY YOKE



SECTION X-X
CHC RUNNING TOOL GUIDE



SECTION Y-Y
CHC CONNECTOR RECEPTACLE



SECTION Z-Z
CHC CONNECTOR RECEPTACLE

- NOTES**
- 1 - ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.
 - 2 - ALL ELEVATIONS ARE REFERRED TO MEAN LOW WATER (M.L.W.) ± 0.00 m.
 - 3 - THE SYMBOL W_{xx} INDICATES WELDS TO BE PERFORMED DURING ERECTION
 - 4 - *FW1-xxx = 1FW1-xxx, 2FW1-xxx
 - 5 - 2 NO. REQ. MEANS 1 FOR 1FW1 & 1 FOR 2FW1
 - 6 - ● VENT HOLE NEAR SIDE
 - 7 - DIMENSION TO BE CONFIRMED POST SURVEY OF RUNNING TOOL GUIDE SPHERE POSITIONS
 - 8 - FABRICATOR TO INSTALL ELASTOMETRIC CHECK VALVES IN EACH HOLE TO PREVENT FREE CIRCULATION OF WATER INSIDE MEMBERS FOR "IN-PLACE" CONDITIONS
 - 9 - CONTACT SURFACES BENEATH WASHERS/NUTS SHALL BE LEFT BARE (OR PAINT REMOVED, IF ANY) FOR BOLTED CONNECTIONS TO GUARANTEE ELECTRICAL CONTINUITY
 - 10 - RELATIVE ANGULAR MISALIGNMENT BETWEEN HUB AND RECEPTACLE DUE TO FABRICATOR TO BE A MAXIMUM OF 0.2 DEGREES
 - 11 - WELD NUMBER: W119 - W128

0	30-01-07	ISSUED FOR CONSTRUCTION	M.A.	L.O.	C.A.
Rev.	Date	DESIGNATION	Initiator	Reviewed by	Approved by

TOTAL UPSTREAM NIGERIA LIMITED
NIGERIA - OML 130
AKPO Field Development Project

UMBILICALS, FLOWLINES AND RISERS (UFR)
WATER INJECTION FLET TYPE FW1
ASSEMBLY - MAIN STRUCTURE - SECTIONS X-X ÷ Z-Z

SCNL : Doc. ref.	NG50-3-202-FAB-DW-AB-56-2441	Revision	0	Status	IFC	Class	-	Scale	-	PAGE	8/11
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