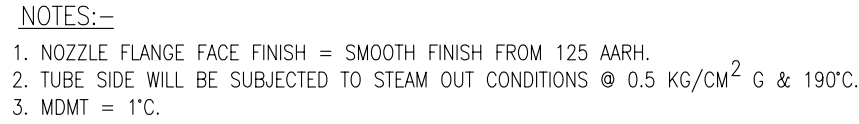




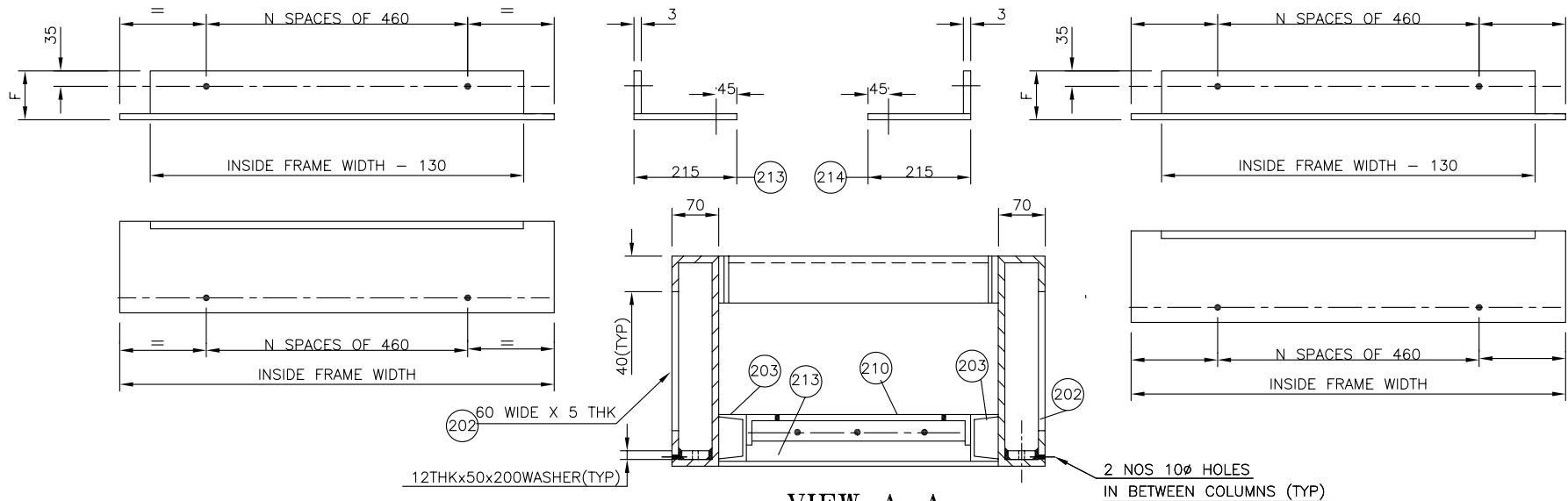
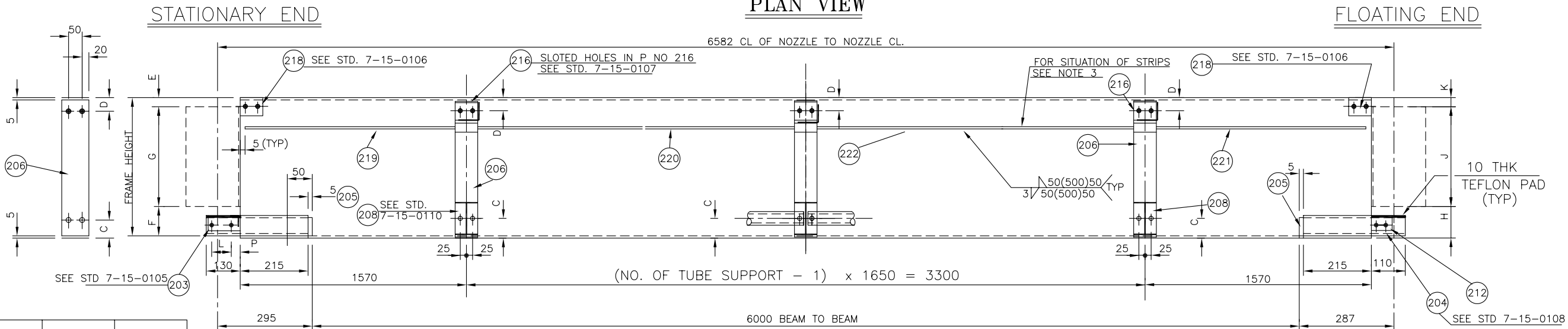
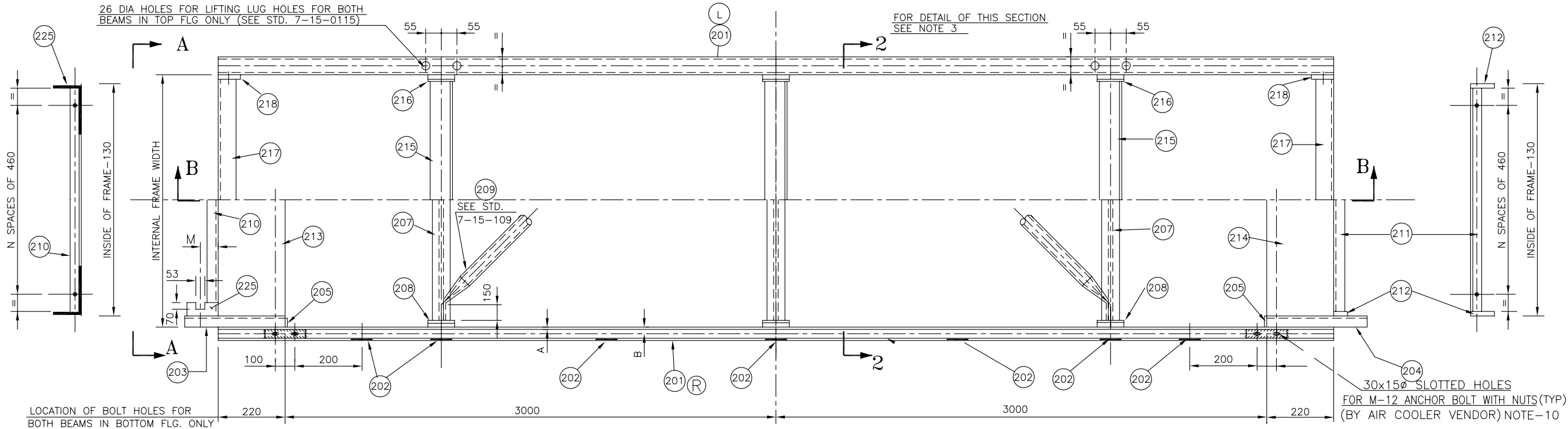
DRAWING NO.
6907-051-16-46-3030
SHT 2 OF 3



DESIGN DATA	
APPLICABLE CODE API 661 1997 EDITION AND ASME SEC. VIII DIV. 1 LATEST EDITION	
DESIGN PRESSURE Kg/cm ² g	9.5
HYD. TEST PRESSURE Kg/cm ² g	12.35
OPERATING PRESS. Kg/cm ² g	3.7
DESIGN TEMP. °C	122
OPERATING TEMP. IN/OUT °C	68.2/53.4
CORROSION ALLOWANCE mm	—
RADIOGRAPHY	SPOT
JOINT EFFICIENCY	0.8
POST WELD HEAT TREATMENT	NO
NO. OF PASSES	FOUR
OPERATING FLUID	LEAN AMINE
TUBE TO TUBE SHT. JOINT	EXPANDED
HEAT EXCHANGED MM kcal/hr.	0.3 x 1.1
FINNED SURFACE/BUNDLE M ²	1322
WEIGHT OF TUBE BUNDLE kg	~ 3510
WEIGHT FULL OF WATER kg	~ 4085
SERVICE :- LEAN AMINE COOLER	
NO. OF BUNDLES REQD. = ONE	

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F-0540-187 REVISION-1



- NOTES:-
1. IS HOLES FOR M12 BOLTS.
 2. IS HOLES FOR M16 BOLTS.
 3. FOR SEC 2-2 SEE STD. 7-15-0121
 4. FRAME TO BE LIFTED WITH SPREADER BEAMS.
 5. ANGLES P. NO. 210 & 211 SHALL BE CUT TO CLEAR NOZZLES IF THEY INTERFERE.
 6. ALL PARTS SHALL BE HOT DIP GALVANISED.
 7. MATL. OF CONST. CS STRUCTURAL QUALITY (IS 2062, MIN. UTS OF 42 Kg/mm²)
 8. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
 9. AIR SEALS SHALL BE DESIGNED TO MINIMISE AIR LEAKAGE.
 10. MATL. OF ANCHOR BOLTS/NUTS(STRUCTURAL BOLTING) IS-1367 CL.4.6/4