GENERAL NOTES:

1. JUMPER fabrication and testing shall be in accordance with ASME Section VIII, Division 1-2012 for pressure vessels, ASME Section IX, weld procedures, and AWS D1.1, Structural Welding Code for structural steel. All welds shall be examined by a Level II Certified Welding Inspector. Welding procedures and qualifications for this drawing are in accordance with AWS D1.1.

2. DESIGN PRESSURE OF JUMPER ASSEMBLY IS 150 PSI @ 1/8" MIN. - HYDROTEST TEST AT 150 PSI (+/- 1/8") IN ACCORDANCE WITH ANSI 3193-2012.

3. JUMPER MODEL IS APPROXIMATELY 300 FT LONG X 40 FT WIDE X 40 FT DEEP X 60 FT TALL. JUMPER ASSEMBLY AND PLANT DESIGN SPECIFICATIONS ARE SUBJECT TO CHANGE AT ANY TIME.

4. FOR WELDS AND PIPE ALL EXPOSED CARBON STEEL SURFACES WITH ONE (1) IN. CARBON STEEL PLATE, ALL EXPOSED STAINLESS STEEL SURFACES, ALL STRUCTURAL STEEL PIPE, ALL STEEL PIPE FITTINGS AS NEEDED, ALL STAINLESS STEEL PIPE FITTINGS AS NEEDED. WALD WELD PASS WAS TO BE YELLOW 705, PREGRADE PIPE, OPERATING TEMPERATURE 64 F, JUMPER ASSEMBLY IN ACCORDANCE WITH EN 10255.

5. CONSTRUCTION OF JUMPER ASSEMBLY WILL BE BASED ON A COMBINATION OF MATERIALS INCLUDING BUT NOT LIMITED TO:

   - ASTM A36 Structural Steel
   - ASTM A403 WP-S 304L Stainless Steel
   - ASTM A276, TYPE 304L Stainless Steel
   - ASTM A240, TYPE 304L Stainless Steel

6. ALL SAFETY SIGNIFICANT MATERIALS INCLUDING WELD FILLER METAL EXCEPT THOSE SPECIFIED BY MANUFACTURER SPECIFICATIONS. HAZARD CATEGORY IS IN ACCORDANCE WITH EN 10204:

   - VT WELDS ON FINAL PASS. ALL WELDS SHALL BE EXAMINED BY AN AWS QC-1 CERTIFIED WELDING INSPECTOR. WELDING PROCEDURES AND QUALIFICATIONS FOR THIS DRAWING ARE IN ACCORDANCE WITH AWS D1.1.

7. MATERIALS MEETING ASTM A36, TYPE 304L MAY BE SUBSTITUTED FOR ASTM A240, TYPE 304L.

8. MATERIALS MEETING ASTM A36, TYPE 304L MAY BE SUBSTITUTED FOR ASTM A240, TYPE 304L.

9. MAX TEMP RATING 2400°F, DENSITY OF 4 LB/FT³, THERMAL CONDUCTIVITY 15.4 BTU/HR.FT.Ø°F.

10. ALL SAFETY SIGNIFICANT MATERIALS INCLUDING WELD FILLER METAL EXCEPT THOSE SPECIFIED BY MANUFACTURER SPECIFICATIONS. HAZARD CATEGORY IS IN ACCORDANCE WITH EN 10204.

11. JUMPER ASSEMBLY WILL BE BASED ON A COMBINATION OF MATERIALS INCLUDING BUT NOT LIMITED TO:

   - ASTM A36 Structural Steel
   - ASTM A403 WP-S 304L Stainless Steel
   - ASTM A276, TYPE 304L Stainless Steel
   - ASTM A240, TYPE 304L Stainless Steel

12. ALL SAFETY SIGNIFICANT MATERIALS INCLUDING WELD FILLER METAL EXCEPT THOSE SPECIFIED BY MANUFACTURER SPECIFICATIONS. HAZARD CATEGORY IS IN ACCORDANCE WITH EN 10204: