



- NOTES:
1. ALL STEEL TO BE ASTM-A36 UNLESS OTHERWISE NOTED.
  2. WELD 2" X 2" X 1/4" CLOSURE ANGLES AT ALL INSIDE CORNERS. ALL WELD TO BE GAS TIGHT.
  3. GASKETS TO BE NEOPRENE CONFORMING TO ASTM D1900 GRADE SCE 43 OR 44.
  4. ALL WORK SHALL COMPLY WITH LATEST AISC SPECIFICATIONS AND CODES.
  5. ALL WELDING SHALL COMPLY WITH THE REQUIREMENTS OF AMERICAN WELDING SOCIETY.
  6. WELDING ELECTRODES SHALL BE E7018, E7010 OR E7018, LOW HYDROGEN TYPE, AND SHALL GIVE A DEPOSIT OF 70,000 PSI MINIMUM TENSILE STRENGTH.
  7. ALL STEEL SHALL BE CLEANED OF RUST IN ACCORDANCE WITH THE STEEL STRUCTURES PAINTING COUNCIL SURFACE CLEANING SPECIFICATIONS SSPC-SP-2-63 AND 3-63.
  8. PRIME PAINT AT ALL AREAS OF FIELD WELDING.
  9. ALL STEEL SHALL RECEIVE ONE SHOP COAT OF 1-4-8 REGR PRIMER AS MANUFACTURED BY PENNSYLVANIA COATING CO. OR APPROVED EQUAL.
  10. THE SHOP PAINTING SHALL BE BLEED AND APPLIED IN ACCORDANCE WITH SPECIFICATION SSPC-PA-1-84, AND SHALL HAVE DRY FILM THICKNESS AS RECOMMENDED BY THE PAINT MANUFACTURER.
  11. THE CONTRACTOR SHALL SUBMIT ONE REPRODUCIBLE COPY AND TWO PRINTS OF ALL CREATED AND CERTIFIED SHOP AND ERECTION DRAWINGS TO ENGINEER, FOR HIS APPROVAL, AND ONE PRINT TO THE OWNER CONCURRENTLY.
  12. ALL CORRECTIONS AS REQUESTED BY ENGINEER SHALL BE MADE BEFORE FINAL SUBMISSION OF TWO REPRODUCIBLE COPIES AND TWO PRINTS TO THE ENGINEER AND ONE SET TO THE OWNER.
  13. ONE SET OF PRINTS WILL BE STAMPED AND DATED AS APPROVED AND RETURNED TO THE CONTRACTOR.
  14. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER AND OWNER A DETAILED DESCRIPTION OF INSTALLATION PROCEDURES FOR COMMENTS AND REVIEW, AT LEAST TWO WEEKS PRIOR TO ACTUAL START OF WORK.

REVISIONS		DATE	BY	APP'D
0	ADDED D. FOR WORKING PLATFORMS AS INDICATED (SEE DETAIL 'N')			
1	REVISED SECTION 10-10 TO ADD FIELD SPICES IN VENT			
2	CHANGED SECTION MARKS ON SECTION 10-10 & CHANGED SHOP WELD TO FIELD WELD ON SECTION L-L AS INDICATED (2 PLACES)			
3	ADDED ERECTION NOTE TO SECT. 10-10, REVISED CONN. AT ELEV. 262'-10" AND ADDED SECT. L-L & M-M.			
4	REVISED AS INDICATED (3 PLACES)			
5	REVISED NOTES			

  

<b>FLORIDA POWER CORPORATION</b> ST. PETERSBURG, FLORIDA CRYSTAL RIVER PLANT UNIT NO. 3 855,000 KW	
<b>REACTOR BUILDING</b> <b>PLANT VENT</b> PLAN, SECTIONS, AND DETAILS	
PREPARED BY GILBERT ASSOCIATES, INC. ENGINEERS AND ARCHITECTS	APPROVED FOR CONSTRUCTION BY FLORIDA POWER CORPORATION PROJECT ENGINEER
DRAWING NO. S-521-051	SCALE WORK ORDER SIZE DRAWING REV. TYP. DRAWING NO. 488

DATE	4-20-74	ENGR.	JAL
SCALE	AS SHOWN	WORK ORDER	4205
SIZE	E-521-051	DRAWING REV.	6
RELEASED FOR	CONSTRUCTION	TYP. DRAWING NO.	488

NO2