



- NOTES:
1. ALL STEEL FOR ANCHOR BOLTS AND PLATES SHALL CONFORM TO "SPECIFICATION FOR STRUCTURAL STEEL" ASTM A36-66.
 2. THE CIRCULAR PLATE (6' x 2') AT ELEVATION 279'-0" SHALL BE ULTRASONICALLY INSPECTED TO INSURE THAT THE STEEL IS FREE FROM GROSS INTERNAL DISCONTINUITIES SUCH AS PIPES, RIPTURES AND LAMINATIONS. THE PROCEDURE AND ACCEPTANCE STANDARDS SHALL BE IN ACCORDANCE WITH "STANDARD METHOD AND SPECIFICATION FOR ULTRASONIC TESTING AND INSPECTION OF STEEL PLATES OF FINE BOX AND HIGH QUALITY." ASTM A435-65.
 3. WELDS SHALL BE MADE ONLY BY WELDERS AND WELDING OPERATORS WHO HAVE BEEN PREVIOUSLY QUALIFIED BY TESTS AS PRESCRIBED BY THE AMERICAN WELDING SOCIETY FOR MATERIALS AND TYPE OF WELDING TO BE ACCOMPLISHED.
 4. WELDING SHALL BE DONE ACCORDING TO THE BEST MODERN PRACTICE. SIZES OF WELDS AND GROUNDING SHALL BE AS INDICATED IN THE DRAWINGS. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION" OR THE "STANDARD SPECIFICATION FOR WELDING HIGHWAY AND RAILROAD BRIDGES" OF THE AMERICAN WELDING SOCIETY.
 5. SIZE AND CONTOUR OF WELDS SHALL BE MEASURED WITH SUITABLE GAGES. ALL WELDS SHALL BE INSPECTED BY THE MAGNETIC PARTICLE METHOD IN ACCORDANCE WITH "STANDARD METHOD FOR DRY POWDER MAGNETIC PARTICLE INSPECTION," ASTM E100.
 6. WELDS FOUND DEFICIENT IN DIMENSION BUT NOT IN QUALITY MAY BE ENLARGED BY ADDITIONAL WELDING. ANY WELD FOUND DEFICIENT IN QUALITY SHALL BE REMOVED BY CHIPPING OR MELTING AND THE WELD SHALL BE REMADE.
 7. WELDER QUALIFICATIONS AND WELDING PROCEDURES SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER FOR APPROVAL. CERTIFIED MILL TEST REPORTS FOR ALL MATERIAL USED SHALL BE FURNISHED TO THE CONSTRUCTION MANAGER PRIOR TO FABRICATION. REPORTS FOR ALL ULTRASONIC AND MAGNETIC PARTICLE TESTING SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER.
 8. ALL ANCHOR BOLT THREADS SHALL BE COATED WITH GREASE AND PROTECTED FROM DAMAGE.
 9. MATERIALS AND FABRICATION SHALL BE SUBJECT TO INSPECTION BY THE CONSTRUCTION MANAGER IN THE MILL OR SHOP. THE CONSTRUCTION MANAGER SHALL BE GIVEN TWO WEEKS NOTICE PRIOR TO PERFORMING SPECIFIED TESTS.
 10. SHOP DRAWINGS SHALL BE PREPARED FOR ALL PARTS AND COMPONENTS. ALL SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.
 11. APPROVAL OF WELDING PROCEDURES AND QUALIFICATIONS AND INSPECTION SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR WELDING, FABRICATION OR MATERIALS.
 12. MINIMUM PREHEAT OF 300°F. MUST BE MAINTAINED DURING THE WELDING OF THE STEAM GENERATOR SKIRT FLANGE TO THE SOLE PLATE.
 13. THE ANCHOR BOLT NUTS SHALL BE MADE "TIGHT" AFTER WHICH THEY SHALL BE GIVEN A ONE HALF TURN INTO THE "SNUG" CONDITION.

CONSTRUCTION		4/21/68
LIMITED CONSTRUCTION: AS NOTED		
PRELIMINARY NOT FOR CONSTRUCTION		
BIDDING PURPOSES ONLY		
DATE	RELEASED FOR	ENGR.
METROPOLITAN EDISON COMPANY		
THREE MILE ISLAND NUCLEAR STATION UNIT 1		
REACTOR BUILDING		
MISCELLANEOUS SET		
STEAM GENERATOR BASE & ANCHOR ASSEMBLY		
GILBERT ASSOCIATES, INC.		
DRAWN BY: J. L. GILBERT		
CHECKED BY: J. L. GILBERT		
DATE: 4/21/68		
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