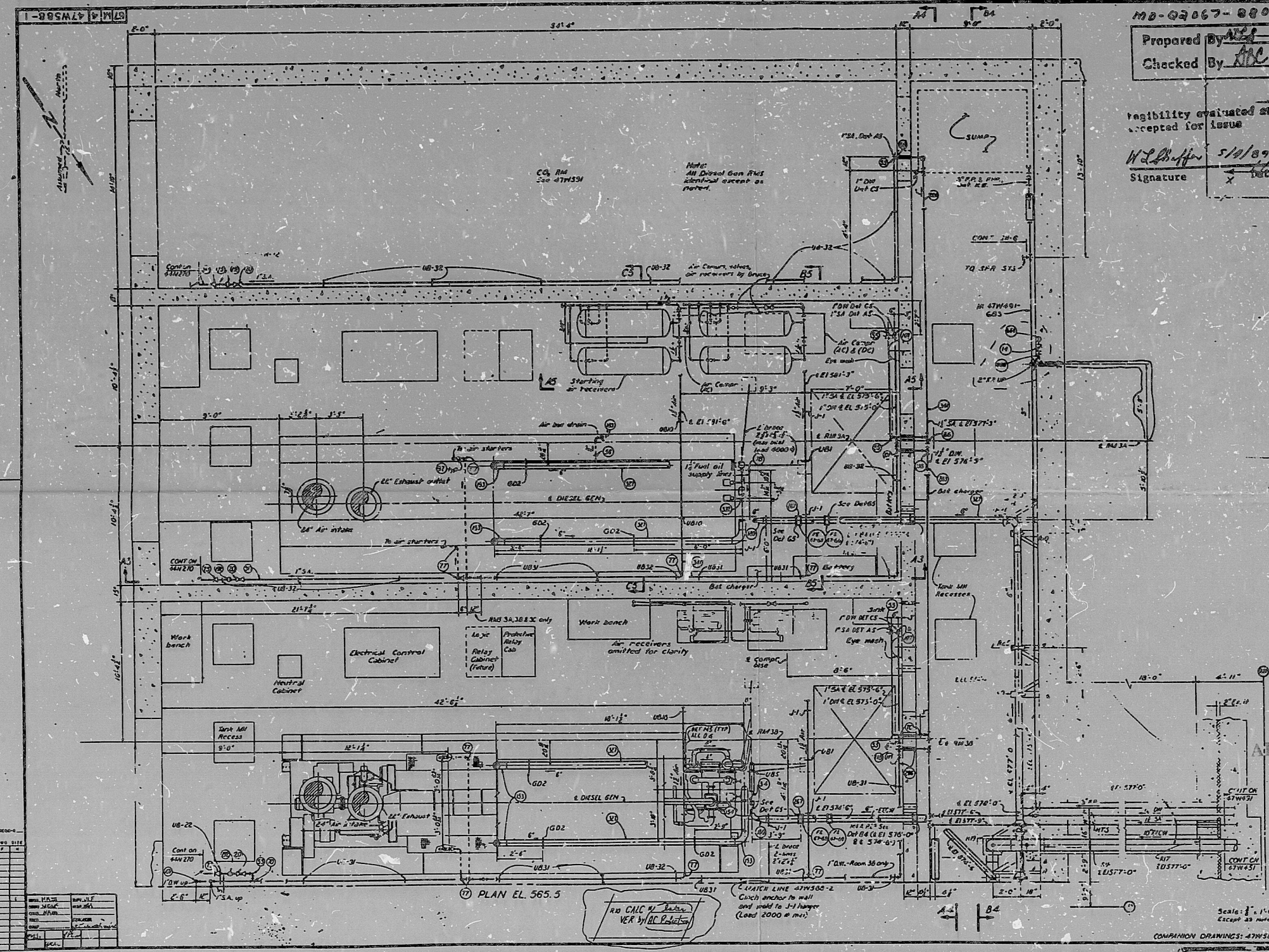




MB-02067-880396, SH. 101 of 102

Prepared By WLB Date 5/14/89

Checked By ABC Date 5/14/89

Feasibility evaluated and accepted for issue

Signature WLB Date 5/14/89

RIGHT-HAND RULE

- DETAIL A1
NOT TO SCALE
- NOTES:
1. PIPING CONSTRUCTION SHALL BE IN ACCORDANCE WITH TIA SPECIFICATION 85-10. REFER TO TIA SPEC 1010 FOR WELD END PREPARATION DETAILS. THE SYSTEMS ARE LISTED BELOW.
 2. ALL PIPING SHALL BE CLEARED FREE OF SCALE, RUST, AND WEAR SURFACES AND BLOWN OUT WITH COMPRESSED AIR PRIOR TO INSTALLATION.
 3. ALL PIPING SHALL BE THOROUGHLY FLUSHED WITH CLEANING SOLUTION.
 4. ALL PIPING SHALL BE USED ON ALL RELATED PIPE AND FITTINGS 1/2" AND LARGER.
 5. ALL PIPING SHALL BE IDENTIFIED BY NUMBER AND TYPE OF SERVICE AS SHOWN ON THESE DRAWINGS.
 6. FIELD SHALL CHECK PIPE ON EQUIPMENT ADJOINING BUTTERFLY VALVES TO ENSURE PROPER CLEARANCE FOR TACKLING.
 7. SEISMIC CLASS 11 PIPES 1" AND SMALLER ARE SHOWN IN APPROXIMATE LOCATION. FIELD SHALL DETERMINE EXACT LOCATION TO SUIT CONDITIONS.
 8. SEISMIC CLASS 11 PIPE NUMBERS MAY NOT BE ALTERED WITHOUT DESIGN APPROVAL.
 9. SEE TIA SPEC 1010 FOR SEISMIC IDENTIFICATION NUMBERS.
 10. FOR PIPING SIZES THROUGH WALLS AND FLOORS SEE MECHANICAL SPEC 1010-1 AND 1010-2.
 11. PIPE SIZES SHALL BE MADE BY FIELD IN ACCORDANCE WITH TIA SPEC 1010-1, TYPE B BENCH.
 12. THE DESIGN PRESSURES AND TEMPERATURES OF VARIOUS SYSTEMS ARE SHOWN ON THESE DRAWINGS.
 13. FOR MANUFACTURER'S DATA OF:
- | ITEM | CONTRACTOR | TIA CONTRACT |
|------------------|-------------------|--------------|
| DIESEL GENERATOR | MARTINSON CORP. | 75C31-84310 |
| PUMP | BRUCE G.M. DIESEL | 75C61-84230 |
14. E. PIPE INDICATES SEISMIC IDENTIFICATION NUMBER AND LOCATION. RESTRAINT DETAILS ARE ON 47W588-2, 47W588-3, 47W588-4, 47W588-5, 47W588-6.
15. NOTES CONTINUED ON SHEET 2.

REPLACE DRAWINGS:

47W588-1 - PIPING BILL OF MATERIAL

47W588-2 - PIPING BILL OF MATERIAL

47W588-3 - VALVE BILL OF MATERIAL

SP0703 (REV 15) WP 13146

SI
APERTURE
CARD

STANDBY DIESEL GEN BLDG-UNIT 3

MECHANICAL
EXPOSED OIL, AIR, WATER &
MISC. PIPING

BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

APPROVED: WLB DATE: 5/14/89

RECOMMENDED: ABC DATE: 5/14/89

NOXVILLE 5-15-73 57 4 47W588-1 RC

AS CONSTRUCTED

PHOTOGRAPHED
IN KNOXVILLE

30X 111 048

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PDR RIDS

