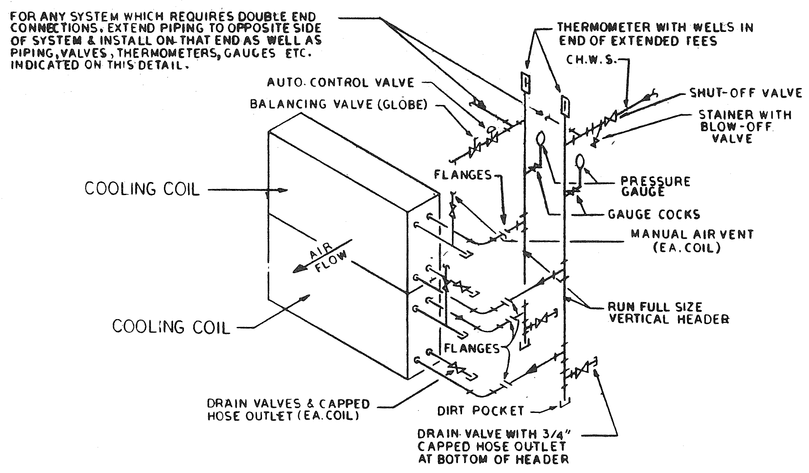
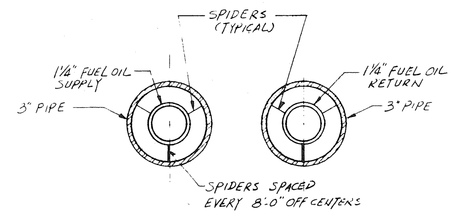


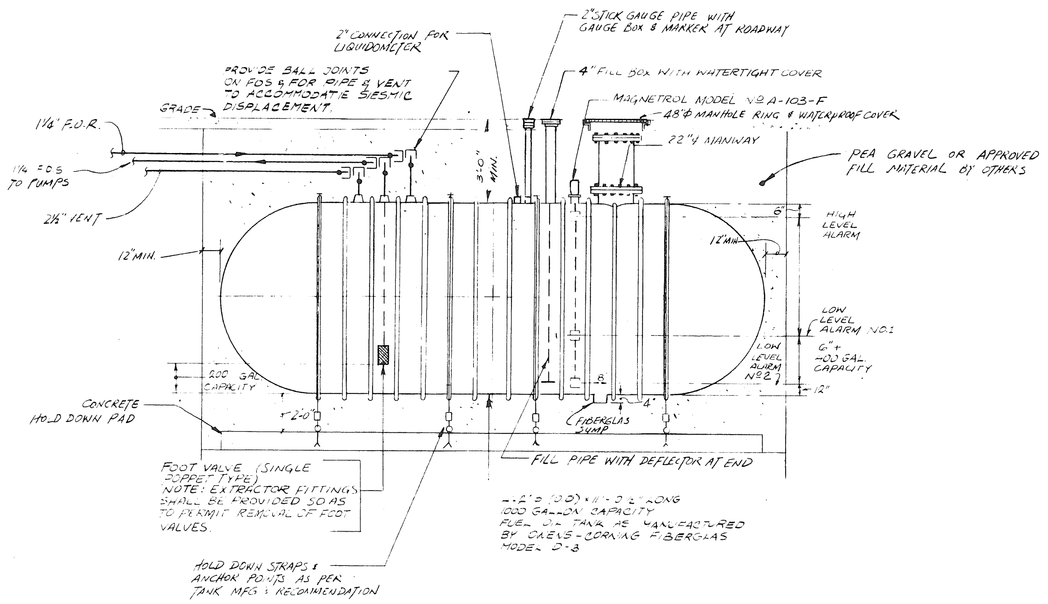
1. ALL VERTICAL HEADERS TO RUN FULL SIZE FROM BRANCH CONNECTION TO CH.WR RISERS.
2. ALL HORIZONTAL RUNOUTS BETWEEN COIL & VERTICAL HEADER SHALL BE COIL CONNECTION SIZE.
3. PRESSURE GAUGES & THERMOMETERS ARE NOT REQUIRED FOR HOT WATER COILS, HOWEVER PROVIDE REQUIRED GAUGE COCK & WELLS FOR INSERTION OF PORTABLE GAUGES & THERMOMETERS.

HOT WATER OR CHILLED WATER COIL PIPING CONNECTIONS



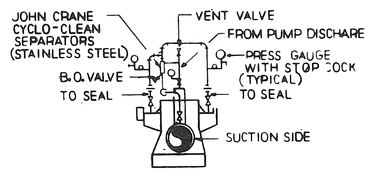
FUEL OIL PIPING WITHIN A PIPE DETAIL

NO SCALE

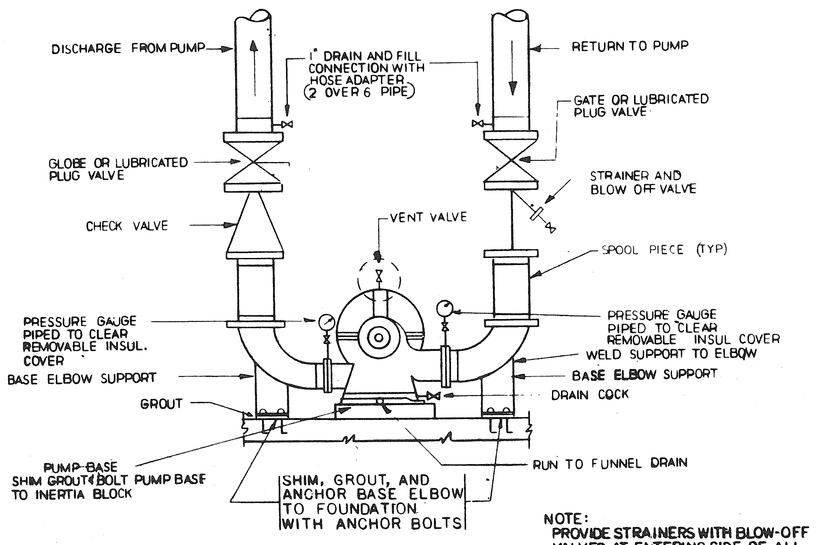


FUEL OIL STORAGE TANK

NO SCALE

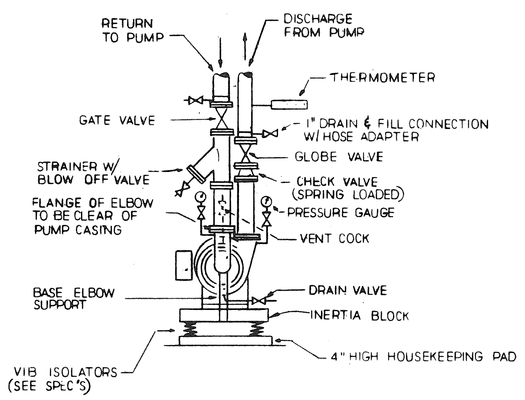


FOR MECHANICALLY SEALED PUMPS ONLY

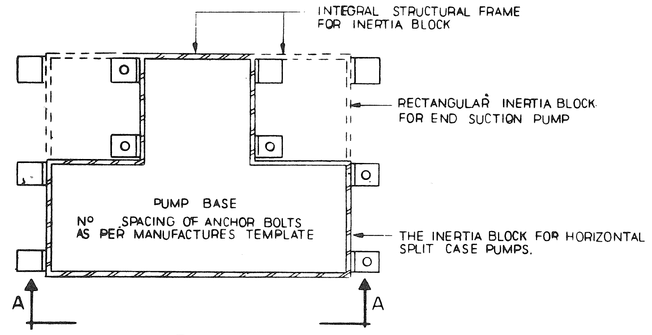


NOTE:
PROVIDE STRAINERS WITH BLOW-OFF VALVES AT ENTERING SIDE OF ALL EQUIPMENT WHICH IS ON SUCTION SIDE OF THE PUMP(S).

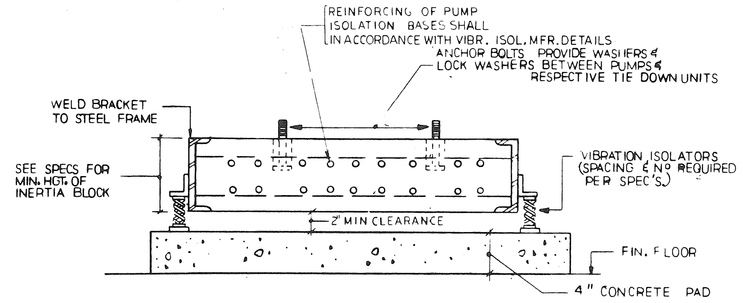
PUMP DETAIL



END SUCTION PUMP

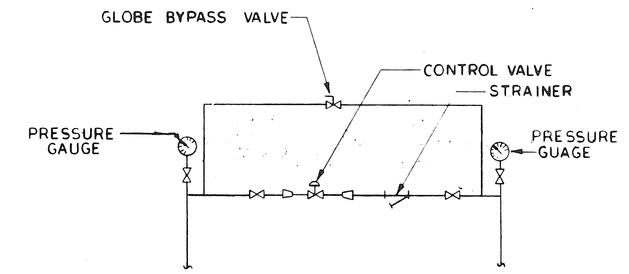


PLAN



SECTION "A-A"

TYPICAL PUMP ISOLATION BASE



PRESSURE DIFFERENTIAL BYPASS ARRANGEMENT

(BYPASS ARRANGEMENT FOR TEMPERATURE DIFFERENTIAL ASSEMBLY IS IDENTICAL TO THE ABOVE.)

Norwalk
Building 43

Norwalk, California

Skidmore, Owings & Merrill
Architects/Engineers
One Maritime Plaza
San Francisco, California

Jaros, Baum & Bolles
Consulting Engineers
345 Park Avenue
New York, New York

Approved for the Owner by

Approved for the Architect by

Drawn by | Job Number

Checked by | Date

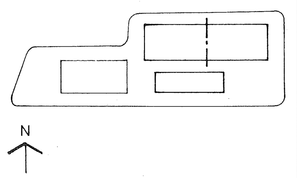
Revisions

No.	Revisions indicated thus △:	Date
	ISSUED FOR BID	2/15/81

BECHTEL LOS ANGELES JOB NO. 648-0080

ME 12658

KEY PLAN



DETAIL SHEET NO.4

SCALE: NONE

HVAC-23

2-13-34