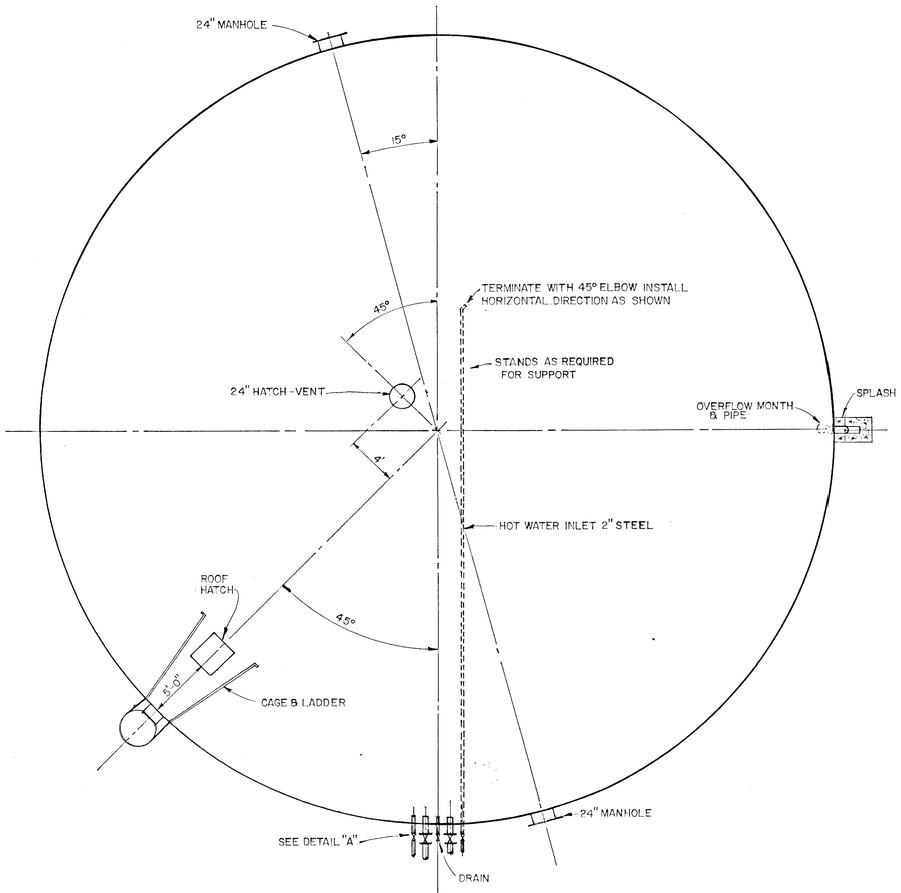
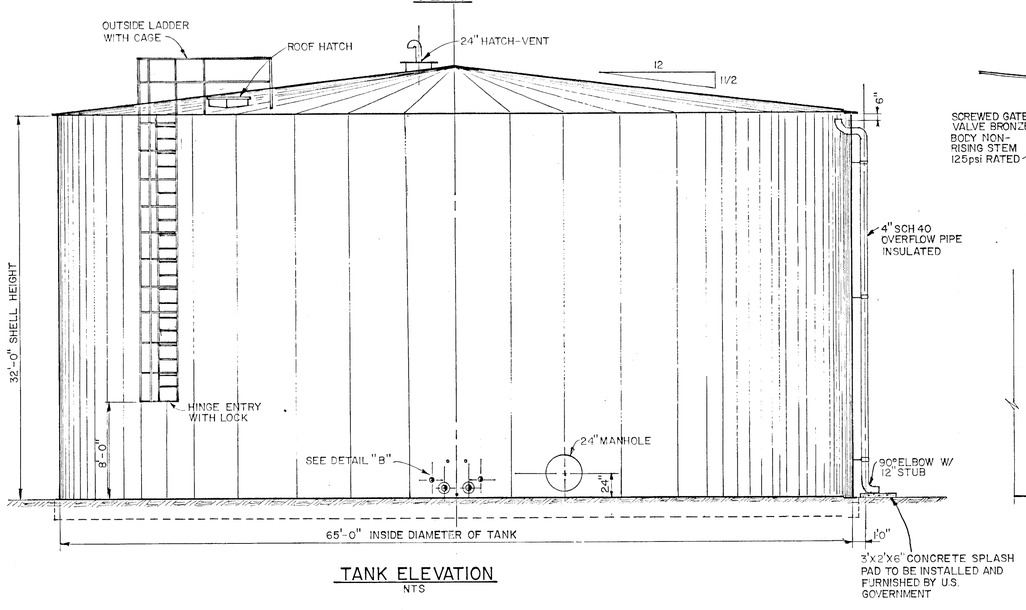
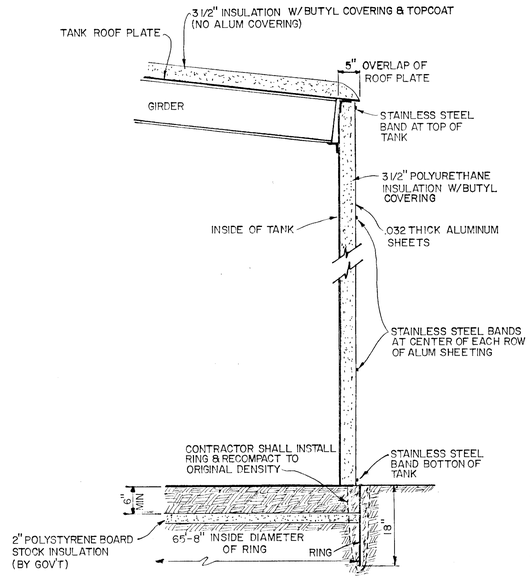


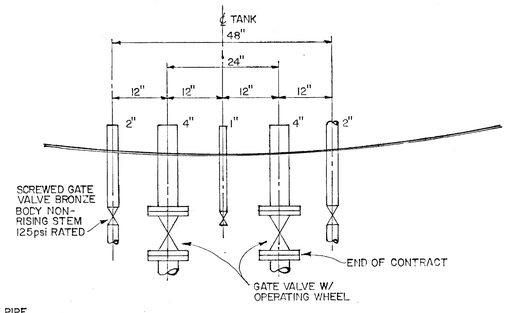
PLAN



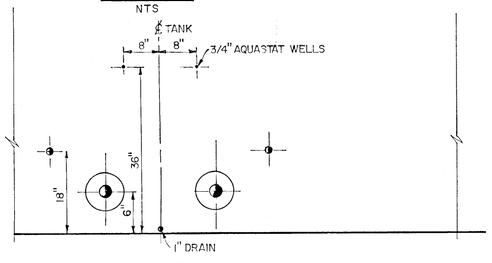
TANK ELEVATION
NTS



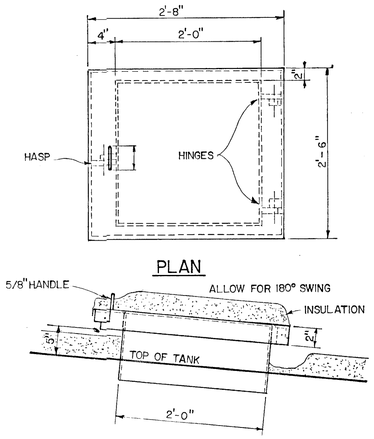
RING INSTALL & INSULATION DETAIL
NTS



DETAIL "A"
NTS

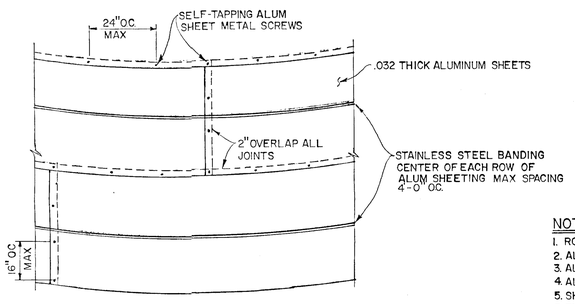


DETAIL "B"
NTS

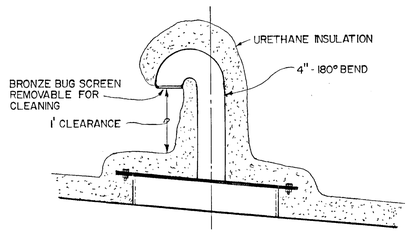


PLAN

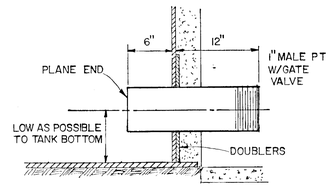
ROOF HATCH DETAIL
NTS



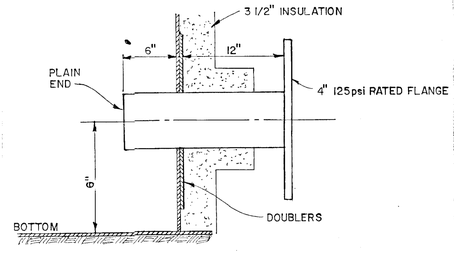
ALUMINUM COVERING DETAIL
NTS



COMBINATION ROOF HATCH & VENT DETAIL
NTS



DRAIN DETAIL
NTS



INLET & OUTLET DETAIL
NTS

NOTES

1. ROOF, SHELL, & BOTTON PLATES A-36 STEEL.
2. ALL 4" PIPING TO BE SCHEDULE 40 STEEL PIPE.
3. ALL 2" PIPING TO BE SCHEDULE 40 STEEL PIPE.
4. ALL BOLTS & NUTS TO BE A-307
5. SHELL DOUBLERS A-36 STEEL.
6. ENTIRE TANK (ROOF & SHELL) SHALL BE INSULATED WITH 3 1/2" POLYURETHANE SPRAY FOAM.
7. MANHOLE BOLTS & NUTS, LADDER AND CAGE NOT INSULATED.
8. MANHOLE SURFACE, HATCHES, VENT, OVERFLOW PIPE INSULATED WITH 3 1/2" POLYURETHANE.
9. CONTRACTOR TO PROVIDE ALL VALVES.
10. TANK CONSTRUCTION TO LATEST AWWA STANDARDS OR AS SPECIFIED.
11. DRAIN PIPE SHALL BE GALVANIZED STEEL PIPE
12. RING SHALL BE ROUND WITHIN 1" AND SHALL BE PLACED SO THAT TOP IS AT SAME ELEVATION ALONG RING PERMETER.
13. TANK SHELL ONLY SHALL BE COVERED W/ .032 THICK ALUMINUM COVERING OVER THE 3 1/2" INSULATION WITH 2" OVERLAP AT EACH JOINT AS SHOWN IN DETAILS.

DATE	REVISIONS	INITIALS

U. S. Department of Health, Education & Welfare
Public Health Service
Indian Health Service

SHAKTOOLIK, ALASKA
794,000 GALLON AWWA WATER TANK
& DETAILS
PUBLIC LAW 86-121 PROJECT
PROJECT NO. AN-77-104

SHEET NO. 17 OF 22 TOTAL SHEETS

Art Renimus
Design Engineer

Maintenance Review

Material Take-off

STATE OF ALASKA
ARTHUR D. RENIMUS
4392-S
REGISTERED PROFESSIONAL ENGINEER

DRAWN BY: JAQ
DATE: Nov 77
CHECKED BY:
DATE:

SANITATION FACILITIES CONSTRUCTION BRANCH
OFFICE OF ENVIRONMENTAL HEALTH
ALASKA AREA NATIVE HEALTH SERVICE
ANCHORAGE, ALASKA

☆U.S. GOVERNMENT PRINTING OFFICE: 1977-786-286