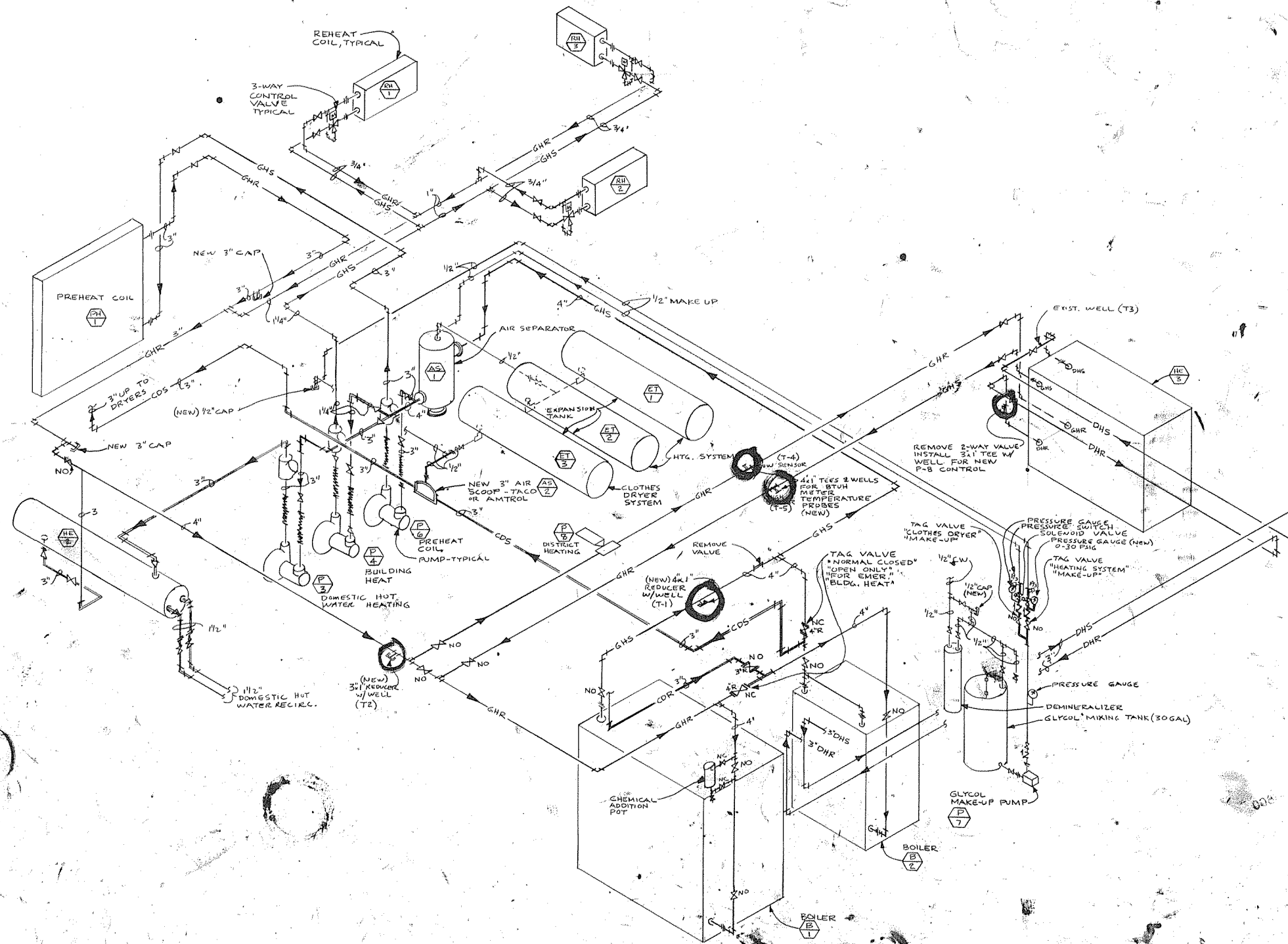


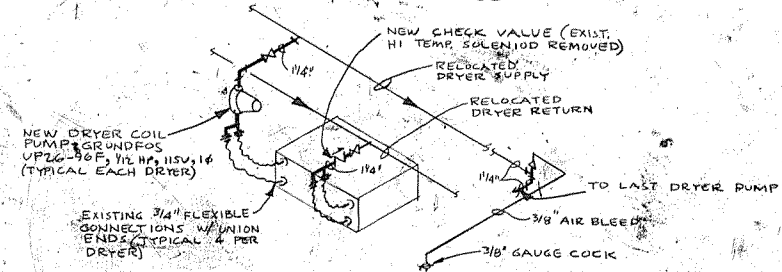
1985



- LEGEND**
- EXISTING PIPING
 - NEW PIPING
 - DHS — DISTRICT HEATING SUPPLY
 - DHR — DISTRICT HEATING RETURN
 - GHS — GLYCOL HEATING SUPPLY
 - GHR — GLYCOL HEATING RETURN
 - CDS — CLOTHES DRYER SUPPLY
 - CDR — CLOTHES DRYER RETURN

HEATING GLYCOL SYSTEM SCHEMATIC

NO SCALE

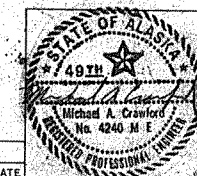


CLOTHES DRYER COIL PIPING SCHEMATIC

NO SCALE

NOTE: SEE DWG M-2 FOR DRYER SUPPLY & RETURN PIPING RELOCATION

NO.	REVISIONS	BY	DATE



**HEATING SYSTEM
TANANA VSW
MODIFICATIONS**

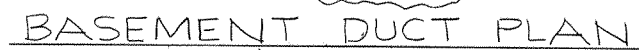
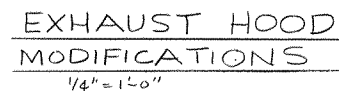
TANANA ALASKA

DRAWN: MAC
CHECKED: —
SCALE: AS SHOWN
DATE: 5/6/85

**SUNFAIR
ENGINEERING**

1007 AURORA DR.
FAIRBANKS, ALASKA 99701
452-6452

PROJECT NO. 10503
DRAWING NO. M
05 3



EXIST. DRYER SUPPLY AIR DUCT OPEN AT FLOOR

NEW 3" EXIST. 3" DRYER HTG SUPPLY DOWN (NO CHANGE)

CONNECT

REMOVE EXISTING EXHAUST DUCT IN ATTIC AND DROPS TO DRYERS

RELOCATED DRYER HTG SUPPLY & RETURN HEADERS-STACKED

CONNECT

NEW 3" EXIST. 3" DRYER HTG RETURN DOWN (NO CHANGE)

CONNECT

EXIST. 4x8x8 BLOCK EXHAUST DOWN

MODIFIED EXH. HOOD SEE DETAIL THIS DWG.

RELOCATE EXIST. DRYER HTG. RETURN EXIST. DRYER HTG. SUPPLY

EXIST. 3" DRYER HTG RETURN DOWN (NO CHANGE)

CONNECT

ATTIC SPACE

RELOCATED DRYER HTG SUPPLY HEADER

RELOCATED DRYER HTG RETURN HEADER

REMOVE EXHAUST DUCTS TYPICAL

REMOVE

CEILING

NEW 22" CAP WITH 16x16 ACCESS DUCT

EXIST. 22" DRYER EXHAUST

FLOOR

NEW SADDLE WITH TAPE & BACKDRAFT FLAPPER FOR EACH TAP

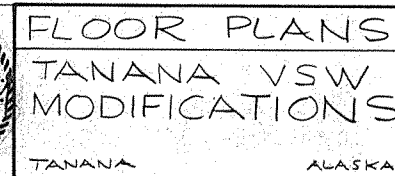
NEW 8" FLEX. DUCT TYPICAL

EXIST. 8" GALV. STEEL EXHAUST DUCT-TYPICAL

1/4" = 1'-0"

PARTIAL MAIN FLOOR PLAN

SECTION A-A
1/4" = 1'-0"

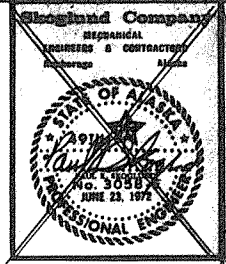


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ENGINEERING**

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452-6452

PROJECT NO.
10503
DRAWING NO.
M
2
05 3

NO.	REVISIONS	BY	DATE
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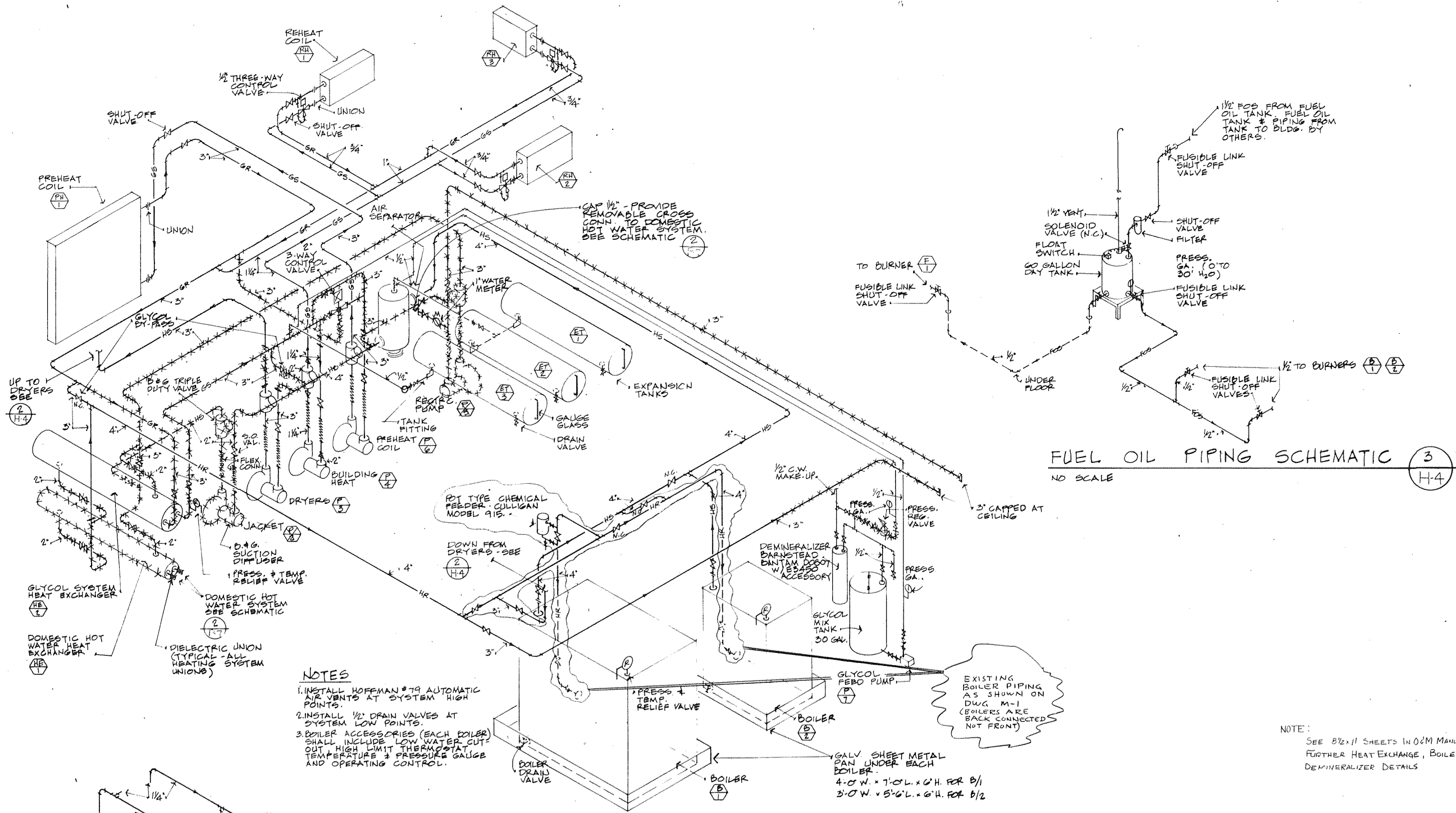
Skoglund
Company
Mechanical Engineers & Contractors
ALASKA

CONTRACTORS SHOP DRAWING
TANANA V.S.W. FACILITY
ARCTIC ENVIRONMENTAL ENGINEERS

HEATING SYSTEM
SCHEMATICS

JOB NO.
78256
DRAWN
L.S.
CHECKED

PROJECT NO.
10503
DATE
7/26/78
DRAWING NO.
M
3
SHEET 37
OF 46



FUEL OIL PIPING SCHEMATIC (3)
H-4
NO SCALE

NOTE:
SEE 8 1/2 x 11 SHEETS IN O&M MANUAL FOR
FURTHER HEAT EXCHANGE, BOILER AND
DEMINERALIZER DETAILS

LEGEND:
----- EXISTING PIPING TO REMAIN REUSED
***** EXISTING PIPING TO BE REMOVED



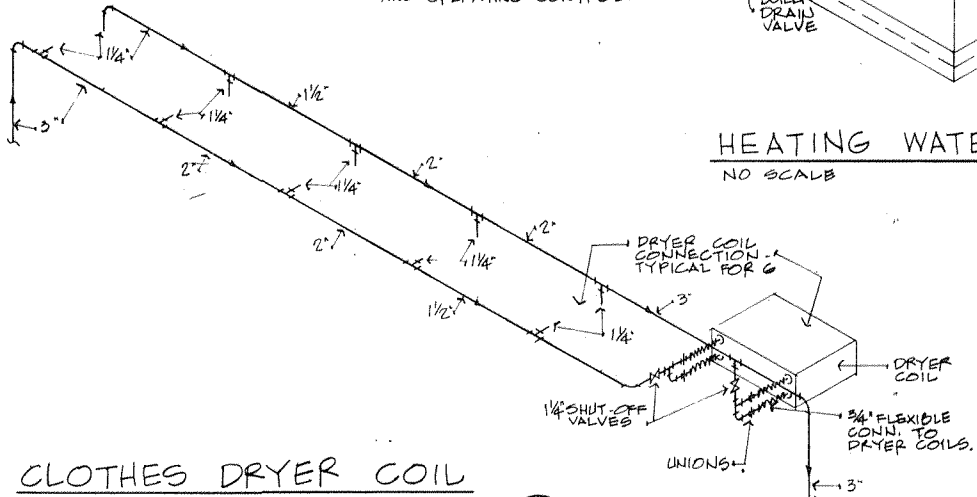
EXIST. HTG. PIPING
TANANA VSW
MODIFICATIONS
TANANA ALASKA

DRAWN: M.A.E.
CHECKED:
SCALE: AS SHOWN
DATE: 5/6/85

SUNFAIR
ENGINEERING
1007 AURORA DR.
FAIRBANKS, ALASKA 99701
452-6452

PROJECT NO.
10503
DATE
7/26/78
DRAWING NO.
M
3
SHEET 37
OF 46

CLOTHES DRYER COIL
PIPING SCHEMATIC (2)
H-4
NO SCALE



HEATING WATER SYSTEM SCHEMATIC (1)
H-4
NO SCALE

NOTES:
1. INSTALL HOFFMAN #79 AUTOMATIC
AIR VENTS AT SYSTEM HIGH
POINTS.
2. INSTALL 1/2" DRAIN VALVES AT
SYSTEM LOW POINTS.
3. BOILER ACCESSORIES (EACH BOILER)
SHALL INCLUDE LOW WATER CUT-
OUT, HIGH LIMIT THERMOSTAT
TEMPERATURE & PRESSURE GAUGE
AND OPERATING CONTROL.