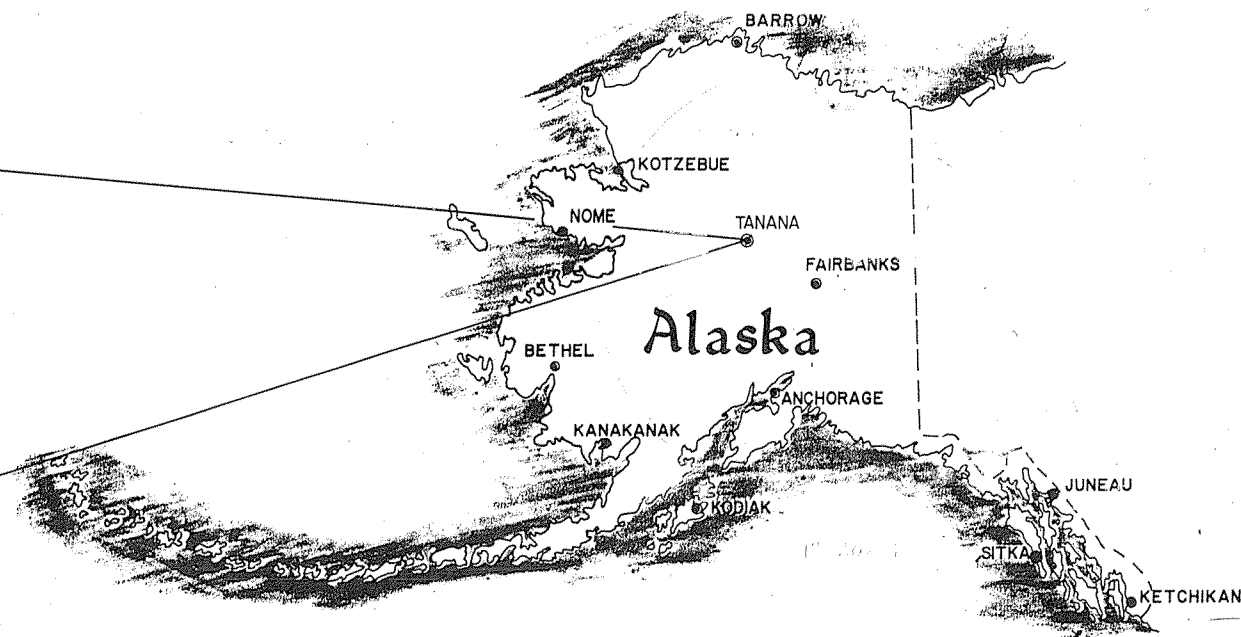


1990

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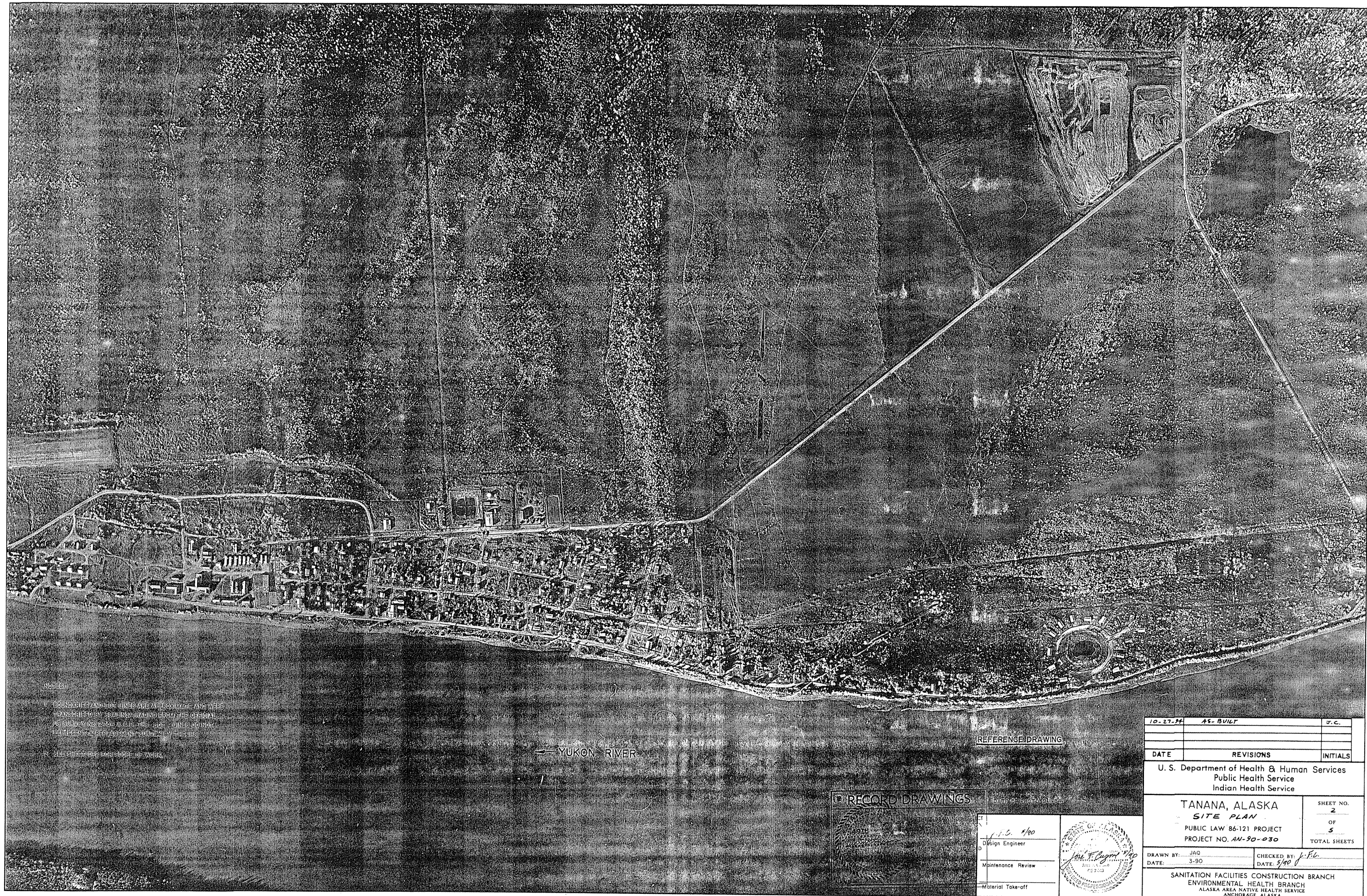
RECORD DRAWINGS



THESE DRAWINGS REPRESENT
RECORDED INFORMATION
OBTAINED FROM
CONSTRUCTION.

INFORMATION PROVIDED
HEREIN IS ACCURATE
TO THE BEST OF MY
KNOWLEDGE.

NAME _____ DATE 1/18/85



NOTES

1. BOUNDARIES AND LOT LINES ARE APPROXIMATE AND WERE TRANSCRIBED BY READING/TRACING FROM THE OFFICIAL IRS SURVEY NO. 2730 A.D. 1911. THE "DOT" LINES DO NOT REPRESENT A REPLACEMENT SURVEY BY THE IRS.

2. SEE SHEET ONE FOR SCOPE OF WORK.

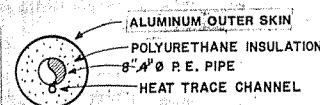
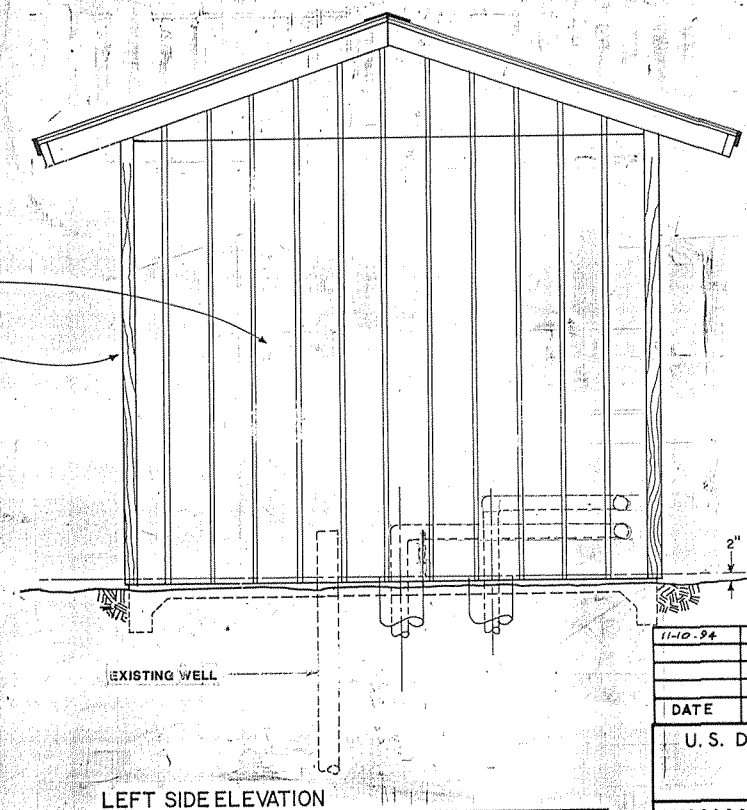
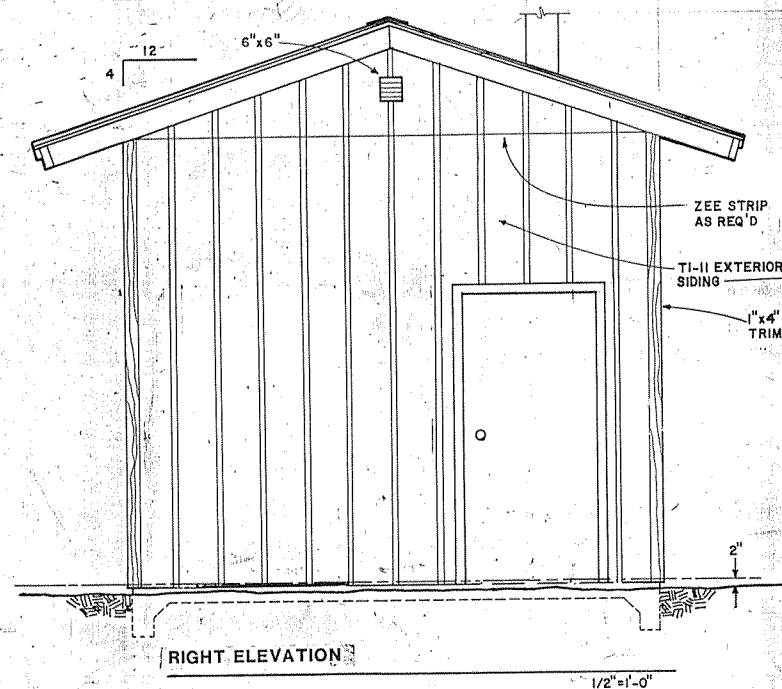
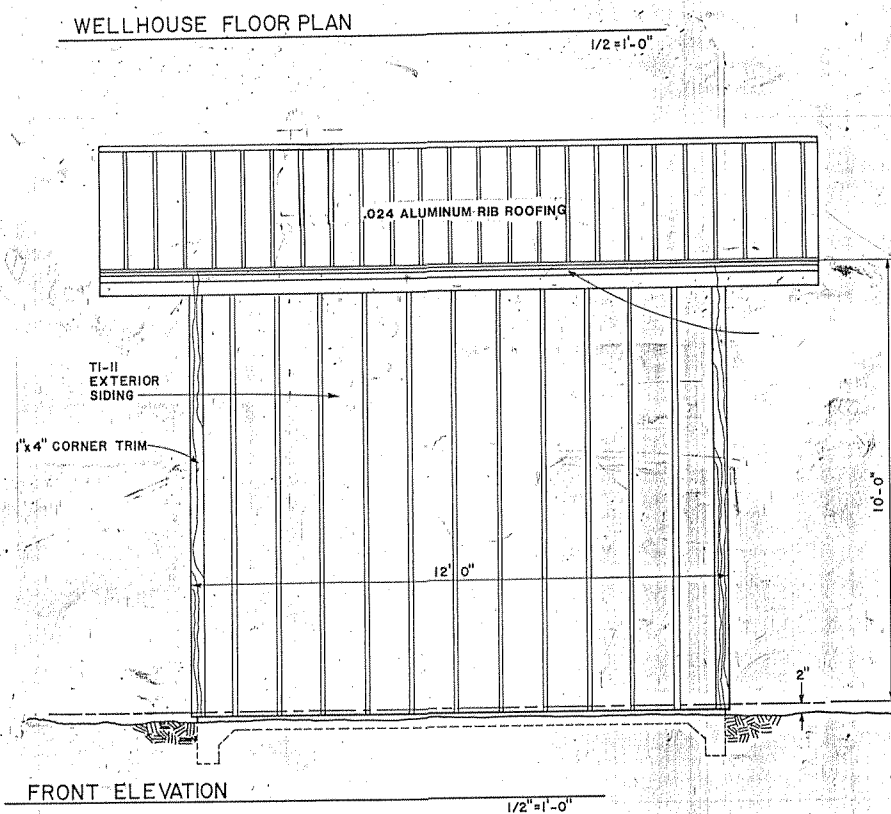
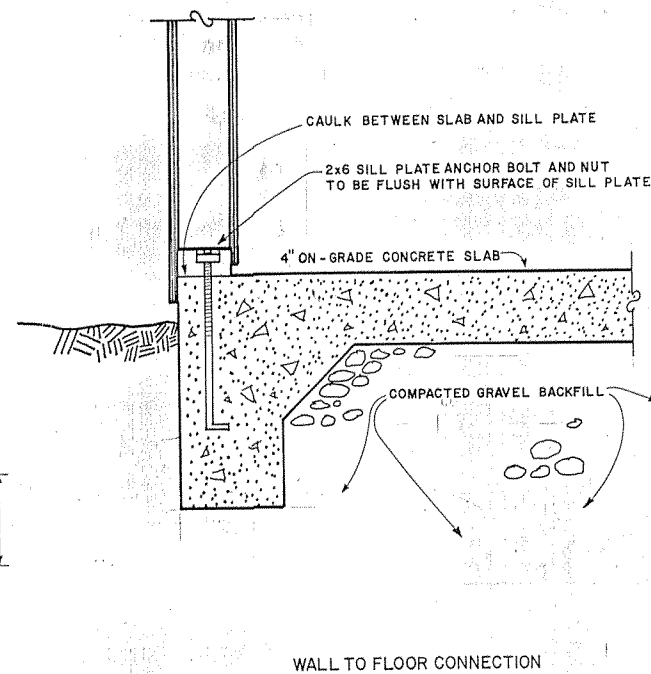
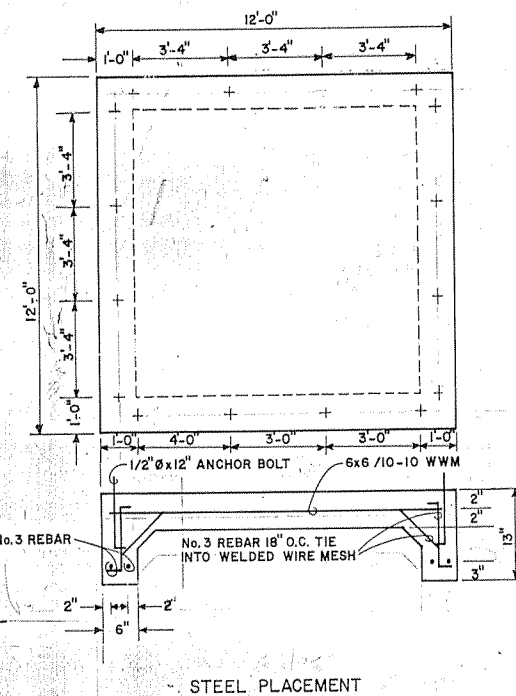
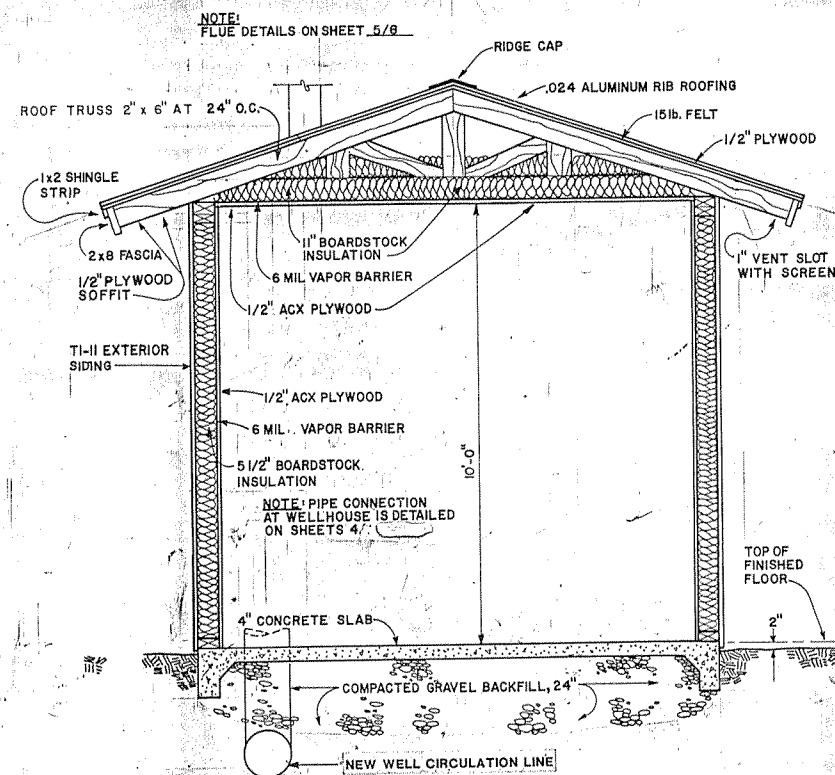
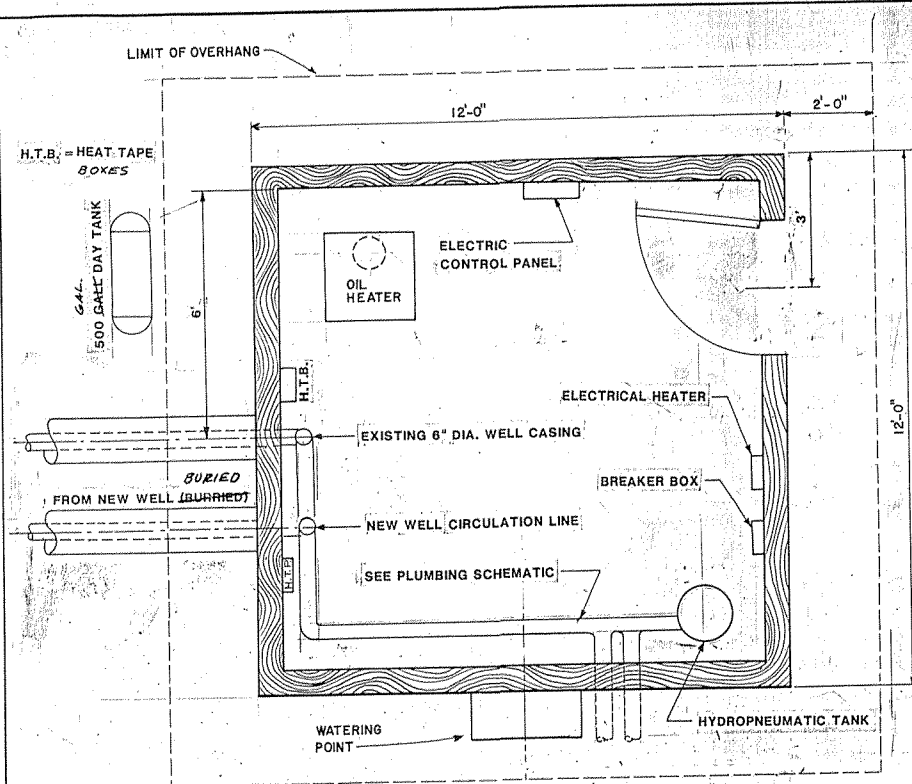
YUKON RIVER

REFERENCE DRAWING

RECORD DRAWINGS	
DESIGNED BY	J.C. 5/90
DESIGN ENGINEER	
MAINTENANCE REVIEW	
MATERIAL TAKE-OFF	



10-27-94	AS-BUILT	J.C.
DATE		REVISIONS
U. S. Department of Health & Human Services Public Health Service Indian Health Service		INITIALS
TANANA, ALASKA SITE PLAN		SHEET NO. 2
PUBLIC LAW 86-121 PROJECT		OF 5
PROJECT NO. AN-90-030		TOTAL SHEETS
DRAWN BY: JAG	CHECKED BY: J.F.C.	
DATE: 3-90	DATE: 5/90	
SANITATION FACILITIES CONSTRUCTION BRANCH ENVIRONMENTAL HEALTH BRANCH ALASKA AREA NATIVE HEALTH SERVICE ANCHORAGE, ALASKA		

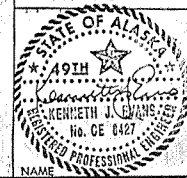


NOTES: 1. THRUST BLOCKS TO BE USED AT ALL BENDS.
2. PIPE WILL HAVE HEAT TRACING FOR BACKUP
FREEZE PROTECTION.

TYPICAL PIPE CROSS SECTION

NTS

RECORD DRAWINGS



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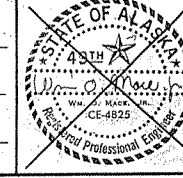
B. MACE
Design Engineer

Maintenance Review

Material Take-off

Maintenance Review

Material Take-off



11-10-94	AS-BUILT (QUALITY GRAPHICS)	J.C.
DATE	REVISIONS	INITIALS

U. S. Department of Health, & Human Services
Public Health Service
Indian Health Service

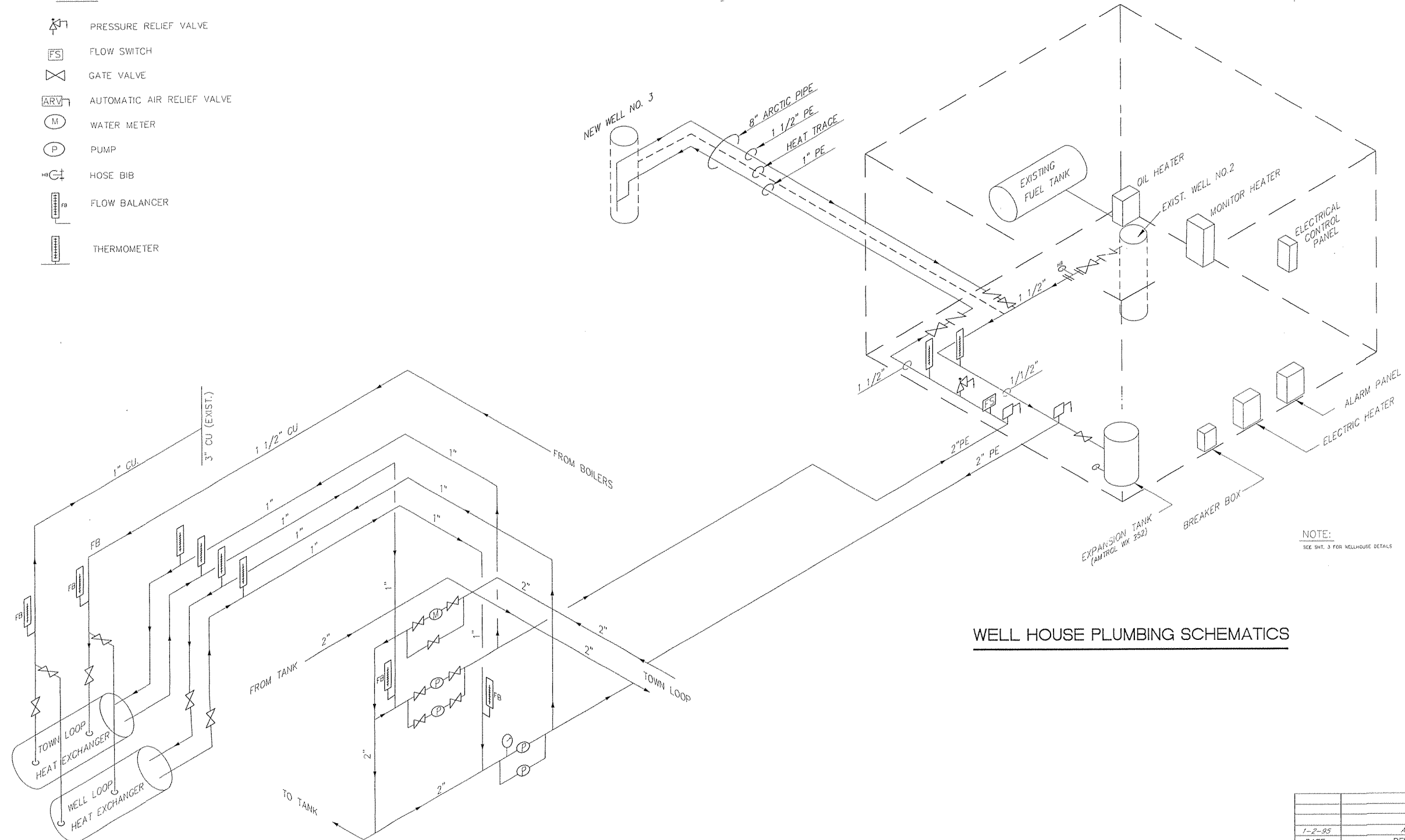
TANANA, ALASKA
WELLHOUSE DETAILS
PUBLIC LAW 86-121 PRO.
PROJECT NO. AN-90-

DRAWN BY: _____ **CHECKED BY:** _____
DATE: _____ **DATE:** _____

**SANITATION FACILITIES CONSTRUCTION BRANCH
ENVIRONMENTAL HEALTH BRANCH
ALASKA AREA NATIVE HEALTH SERVICE -
ANCHORAGE, ALASKA**

LEGEND:

-  PRESSURE RELIEF VALVE
-  FLOW SWITCH
-  GATE VALVE
-  AUTOMATIC AIR RELIEF VALVE
-  WATER METER
-  PUMP
-  HOSE BIB
-  FLOW BALANCER
-  THERMOMETER



NOTE:
SEE SH. 3 FOR WELLHOUSE DETAILS

WELL HOUSE PLUMBING SCHEMATICS

WASHETERIA SCHEMATIC OF PLUMBING IMPROVEMENTS

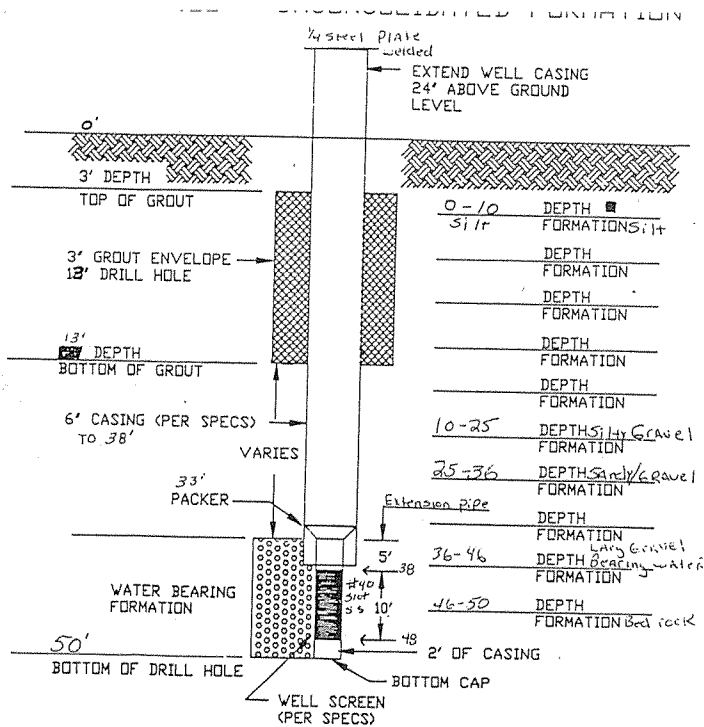
RECORD DRAWINGS

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CONSTRUCTION.

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KNOWLEDGE.

NAME: _____ DATE: 1/12/95

1-2-95	AS-BUILT	
DATE	REVISIONS	INIT
U.S. Department of Health & Human Services Public Health Service Indian Health Service		
TANANA, ALASKA PLUMBING SCHEMATICS PUBLIC LAW 86-121 PROJECT PROJECT NO. AN-90-030		SHEET NO. 4 OF 5 SHEETS
DRAWN BY: INGRID THOMAS DATE: NOV. 1994	CHECKED BY: _____ DATE: _____	
SANITATION FACILITIES CONSTRUCTION BRANCH OFFICE OF ENVIRONMENTAL HEALTH AND ENGINEERING ALASKA AREA NATIVE HEALTH SERVICE ANCHORAGE, ALASKA		



WELL NO. 3 - UNCONSOLIDATED FORMATION

Project # NOD-2-91 Job # AN-70-030
ICE WATER WELL, INC.
P.O. Box 10529
FAIRBANKS, ALASKA 99710
(907) 457-6444 (1991)

P.H.S. WELL LOG

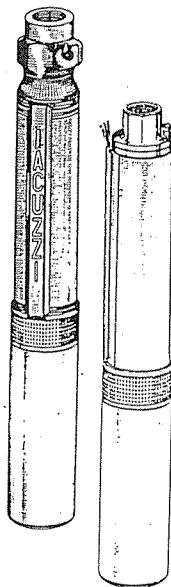
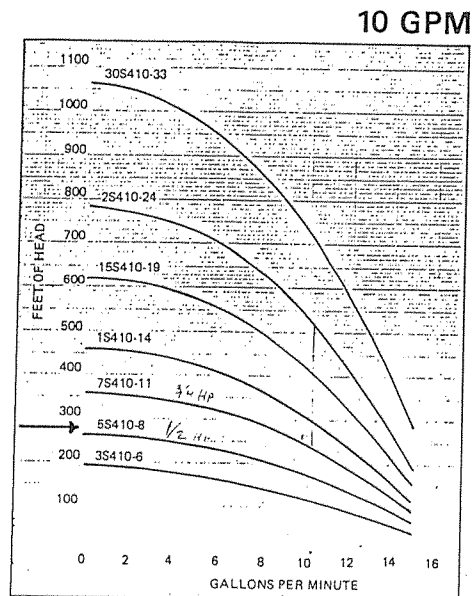
Well Owner City of Tanana Date Started 9-6-91 Date Finished 9-11-91
Well Location Tanana AK Driller ICE WATER WELL, INC.
Mailing Address P.H.S. Anch. AK Tel. Time N/A To N/A
Size of Casing 6" Steel Depth of Hole 50 Cased To 38
Static Water Level 27' 11" Drawdown to 33' 6" Finish of Well Screen
Well Pump Test at 15.65 GPM Drawdown to 33' 6" Finish of Well Screen
Well Pump Test at 15.65 GPM Drawdown to 33' 6" Finish of Well Screen

Formations Encountered:

0 to 10	Silt
10 to 25	Silty Gravel
25 to 36	Sandy Gravel
36 to 46	Large water bearing Gravel
46 to 50	Bed Rock

Pump Installation:

Date Installed 9-11-91 Test Pump 15.65 GPM 1 1/2 HP
Material Used: 6" pipe
6" shoe
10' #40 slot screen + 2 blank 5' stringer
K Packok Neo Preem
Bentonite Seal



RECORD DRAWINGS

STATE OF ALASKA
19TH
KENNETH J. BARNES
No. CE 8427
REGISTERED PROFESSIONAL ENGINEER

THESE DRAWINGS REFLECT RECEIVED INFORMATION OBTAINED DURING CONSTRUCTION. INFORMATION PROVIDED HEREIN IS ACCURATE TO THE BEST OF MY KNOWLEDGE.

DATE 1/18/95

10-27-94	AS-BUILT	J.C.
DATE	REVISIONS	INITIALS

U.S. Department of Health & Human Services
Public Health Service
Indian Health Service

TANANA, ALASKA
WELL AND PUMP DETAILS
(WELL NO. 3)
PUBLIC LAW 86-121 PROJECT
PROJECT NO. AN-90-030

SHEET NO. 5 OF 5
TOTAL SHEETS

DRAWN BY: J. CURTIS
DATE: 10-27-94

CHECKED BY: DATE:

SANITATION FACILITIES CONSTRUCTION BRANCH
ENVIRONMENTAL HEALTH AND ENGINEERING BRANCH
ALASKA AREA NATIVE HEALTH SERVICE
ANCHORAGE, ALASKA



NOTES:

1. BOUNDARIES AND LOT LINES ARE APPROXIMATE AND WERE
TRANSCRIBED BY SCALING/TRACING FROM THE OFFICIAL
U.S. SURVEY NO. 2754 A & B. THE "LOT" LINES DO NOT
REPRESENT A REPLACEMENT SURVEY BY THE IHS.

REFERENCE DRAWING

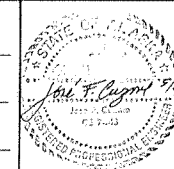
RECORD DRAWINGS

10-27-94 AS-BUILT J.C.

J.F.C. 2/90
Design Engineer

Maintenance Review

Material Take-off



10-27-94	AS-BUILT	J.C.

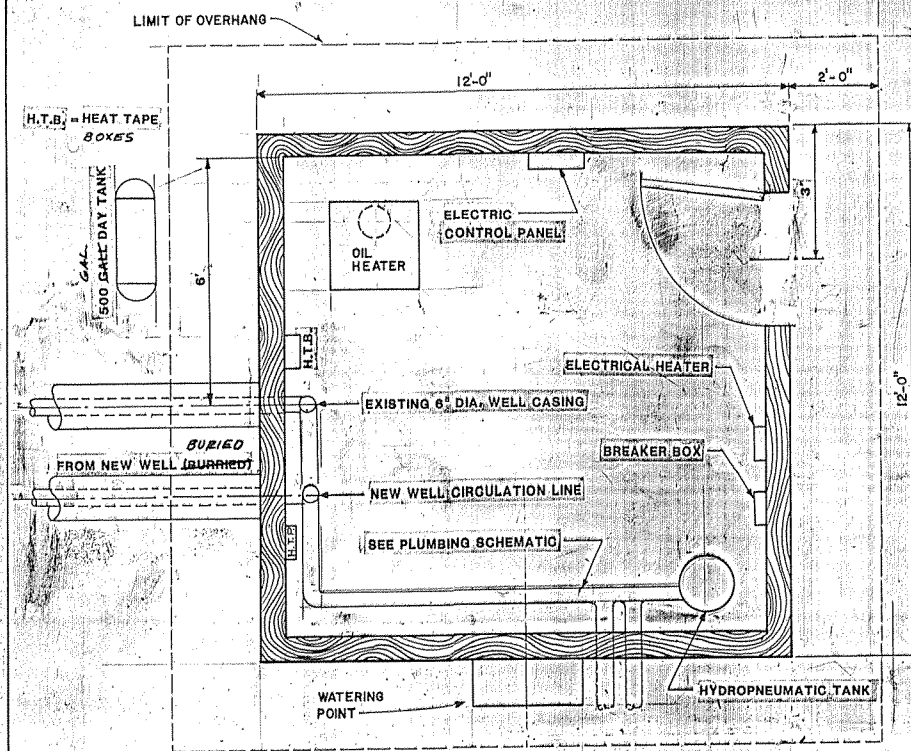
U. S. Department of Health & Human Services
Public Health Service
Indian Health Service

TANANA, ALASKA
SITE PLAN
PUBLIC LAW 86-121 PROJECT
PROJECT NO. AN-90-030

SHEET NO. 2
OF 5
TOTAL SHEETS

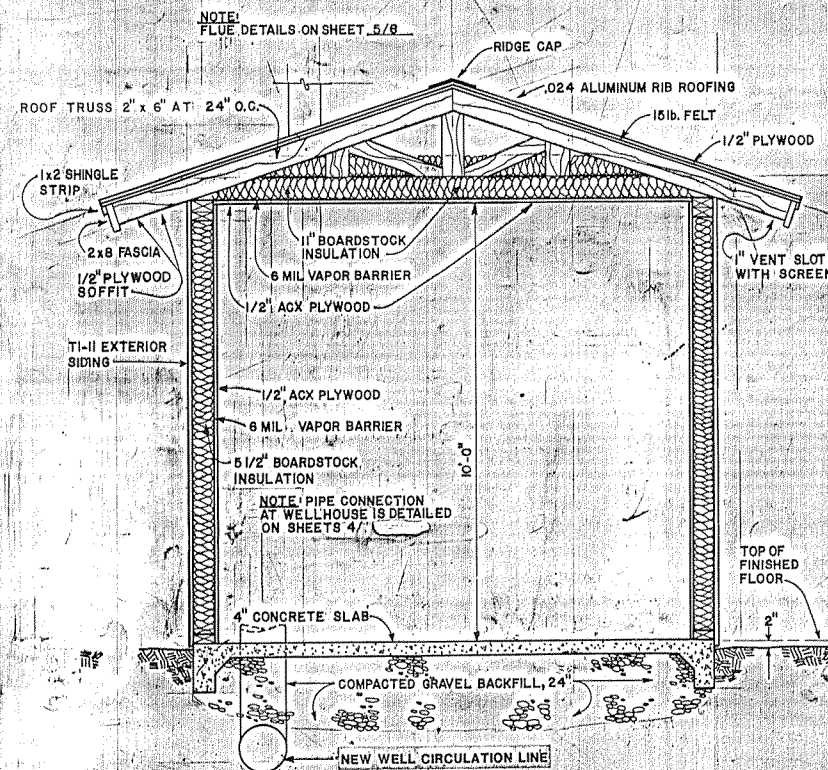
DRAWN BY: JAO
DATE: 3-90
CHECKED BY: J.F.C.
DATE: 5/90

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



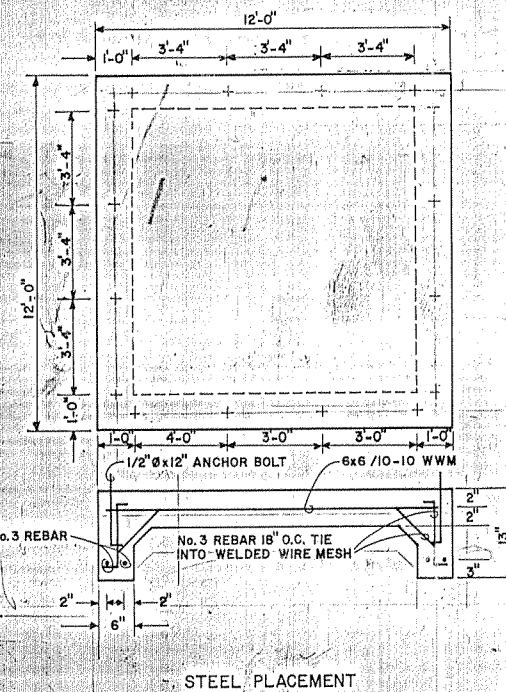
WELLHOUSE FLOOR PLAN

1/2" = 1'-0"



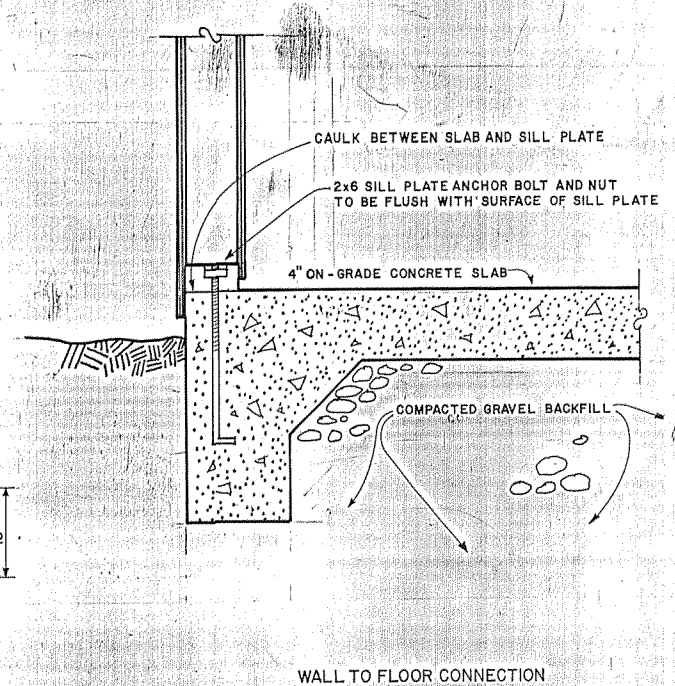
WELLHOUSE SECTION

1/2" = 1'-0"

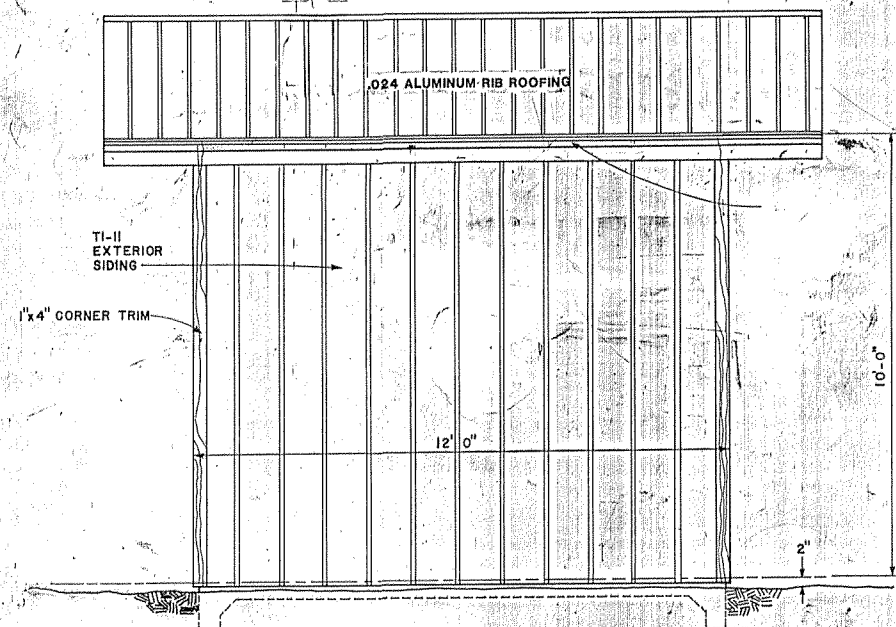


SLAB DETAILS

NTS

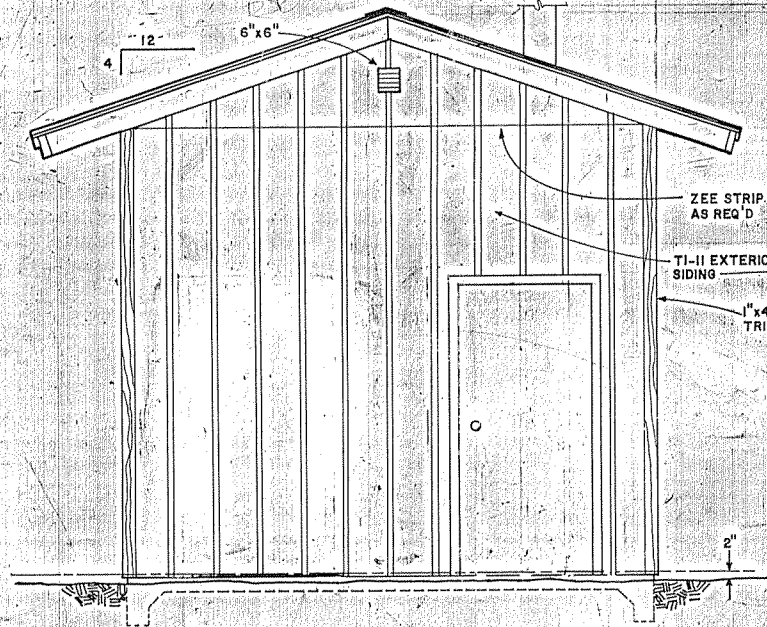


WALL TO FLOOR CONNECTION



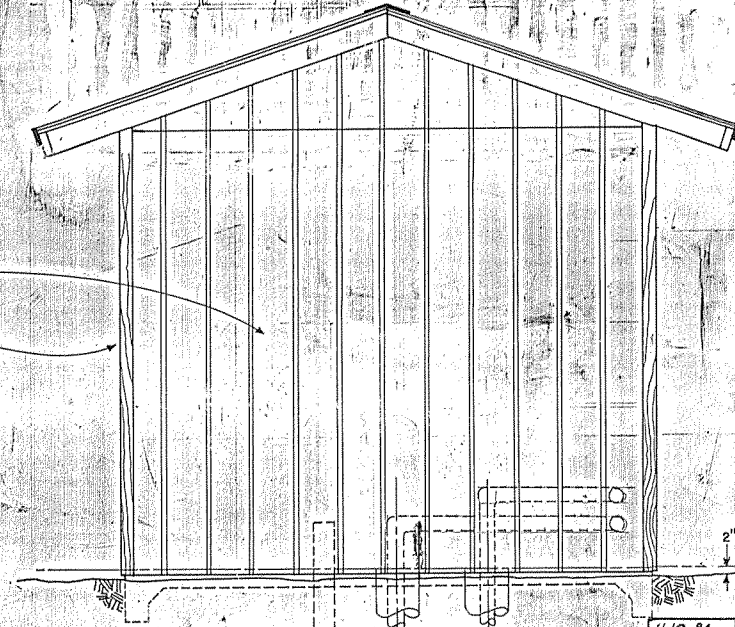
FRONT ELEVATION

1/2" = 1'-0"



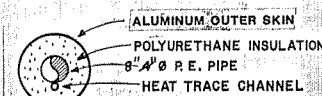
RIGHT ELEVATION

1/2" = 1'-0"



LEFT SIDE ELEVATION

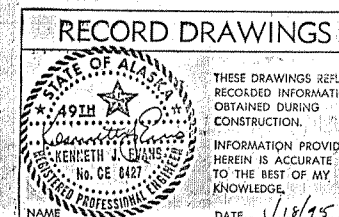
1/2" = 1'-0"



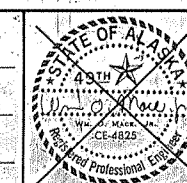
NOTES: 1. THRUST BLOCKS TO BE USED AT ALL BENDS.
2. PIPE WILL HAVE HEAT TRACING FOR BACKUP FREEZE PROTECTION.

TYPICAL PIPE CROSS SECTION

NTS



DESIGN ENGINEER
B. MACE
MAINTENANCE REVIEW
MATERIAL TAKE-OFF



11-10-94	AS-BUILT (QUALITY GRAPHICS)	J.C.
DATE	REVISIONS	INITIALS

U. S. Department of Health, & Human Services
Public Health Service
Indian Health Service

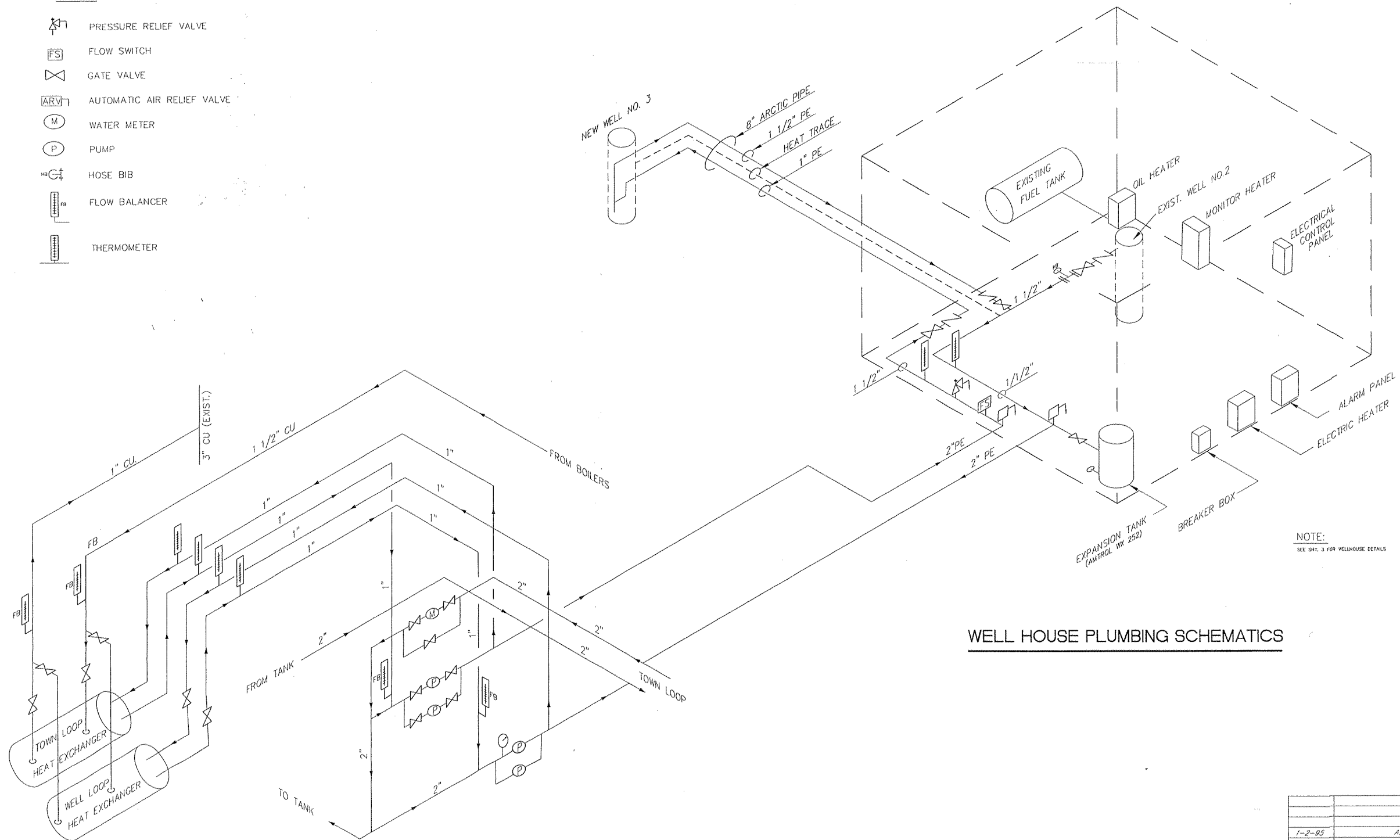
TANANA, ALASKA
WELLHOUSE DETAILS
PUBLIC LAW 86-121 PROJECT
PROJECT NO. AN-190-030

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

SHEET NO. 3
OF 5
TOTAL SHEETS

LEGEND:

-  PRESSURE RELIEF VALVE
-  FLOW SWITCH
-  GATE VALVE
-  AUTOMATIC AIR RELIEF VALVE
-  WATER METER
-  PUMP
-  HOSE BIB
-  FLOW BALANCER
-  THERMOMETER



NOTE:
SEE SH. 3 FOR WELLHOUSE DETAILS

WELL HOUSE PLUMBING SCHEMATICS

WASHETERIA SCHEMATIC OF PLUMBING IMPROVEMENTS

RECORD DRAWINGS

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INFORMATION PROVIDED HEREIN IS ACCURATE TO THE BEST OF MY KNOWLEDGE.

DATE: 1/18/95

NAME: KENNETH J. JENSEN
No. 06 0427
PROFESSIONAL

1-2-95	AS-BUILT	
DATE	REVISIONS	INIT

U.S. Department of Health & Human Services
Public Health Service
Indian Health Service

TANANA, ALASKA

PLUMBING SCHEMATICS
PUBLIC LAW 86-121 PROJECT
PROJECT NO. AN-90-030

SHEET NO. 4
OF 5
SHEETS

DRAWN BY: INGRID THOMAS
DATE: NOV. 1994

CHECKED BY: _____
DATE: _____

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