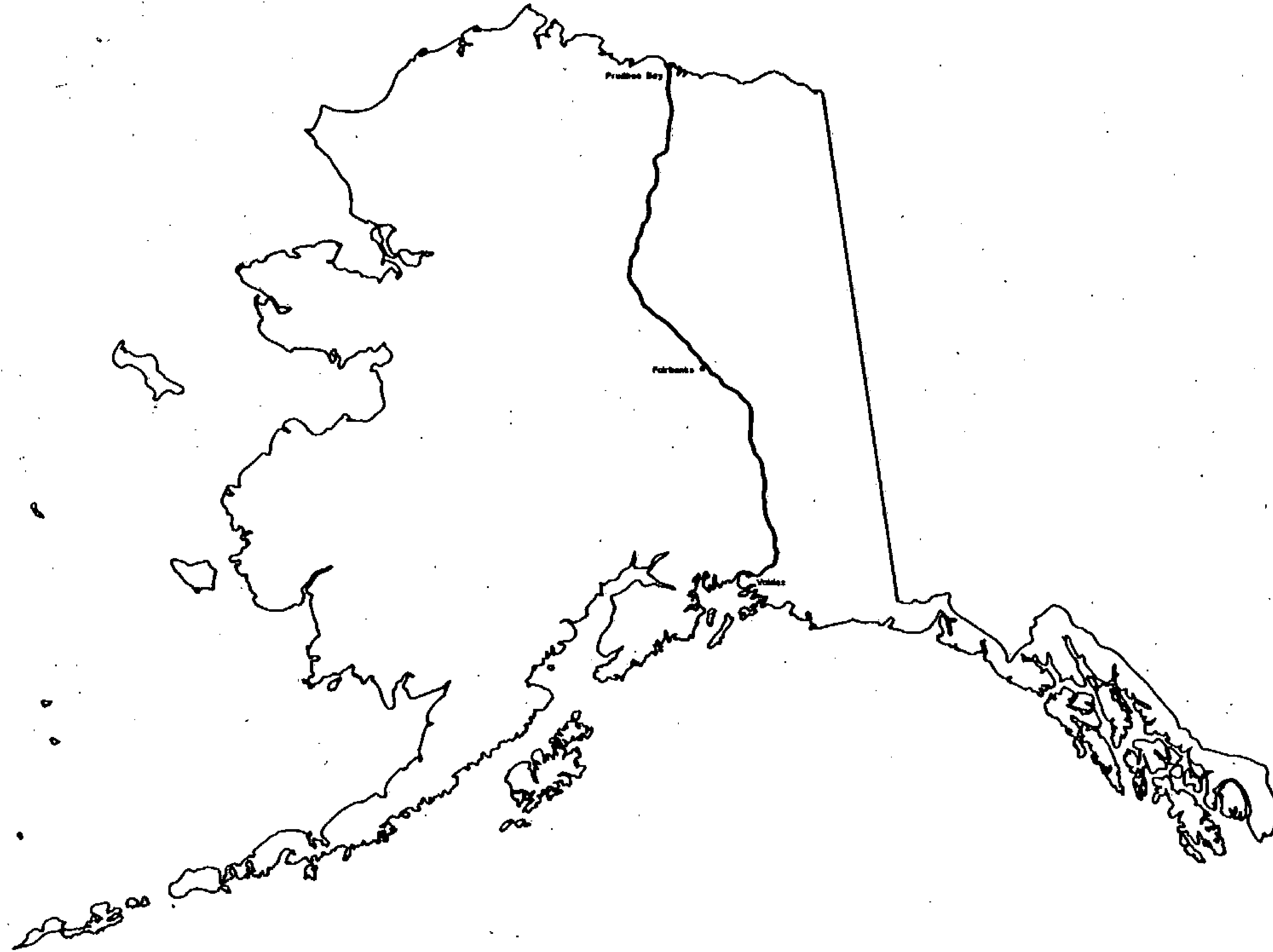


TRANS-ALASKA PIPELINE RIGHT-OF-WAY WIDTHS



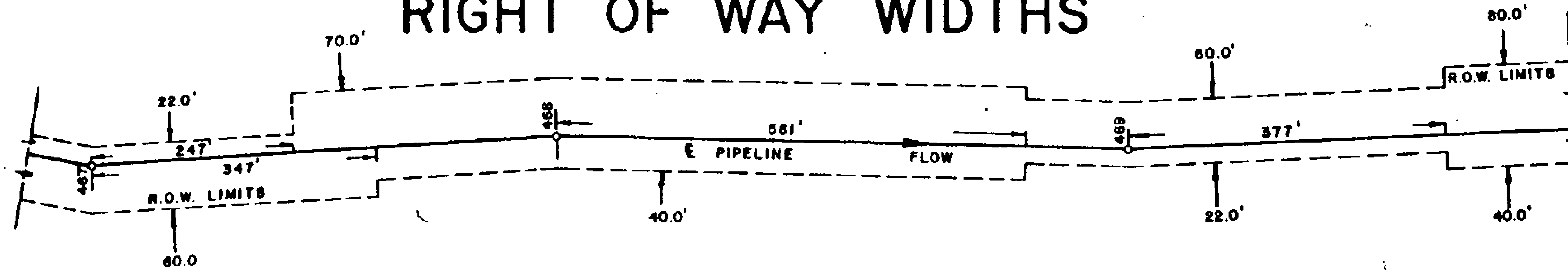
prepared by
OCEAN TECHNOLOGY LTD.

Alyeska pipeline

SERVICE COMPANY

agent for:
AMERADA HESS PIPELINE CORPORATION
ARCO PIPELINE COMPANY
BP PIPELINES INC.
EXXON PIPELINE COMPANY
MOBIL ALASKA PIPELINE COMPANY
PHILLIPS ALASKA PIPELINE COMPANY
SHELL PIPELINE COMPANY
UNION ALASKA PIPELINE COMPANY

RIGHT OF WAY WIDTHS



TYPICAL SCHEDULE

POINT I. D.	HORZ. DISTANCE	R.O.W. WIDTHS DIRECTION OF FLOW		AS BUILT PIPELINE STATIONING	CODE CLASSIFICATION
		RIGHT	LEFT		
467	247	60	22	15661 + 19	(A-E2)
467	347	60	70	15662 + 19	(A-C)
468	561	40	70	15696 + 73	(B-E1-E2)
469	377	22	60	15721 + 29	(A-E1-E2)
		40	80		(B-E2)

" THE DESIGNATIONS OF LAND STATUS ARE FOR USE IN WIDTH CONTROL ONLY AND ARE NOT TO BE RELIED UPON FOR TITLE (OWNERSHIP) DETERMINATIONS. HIGHWAYS/ROADS/TRAILS CLAIMED OR DESIGNATED AS RIGHTS-OF-WAY BY THE STATE OF ALASKA CROSSED BY THE PIPELINE ARE SHOWN HEREIN BY THE DESIGNATION "STATE LAND" IN THE POINT I.D. COLUMN. THIS IS NOT INTENDED TO INDICATE THAT TITLE TO THE LAND UNDERLYING THE HIGHWAYS/ROADS/TRAILS IS NECESSARILY OWNED IN FEE BY THE STATE OF ALASKA."

81-1
RECORDED - FILED

Burnow REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

A. Gibbon REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Rampant REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Valdy REC. DIST. _____

DATE 1-12 1981

TIME 10:10 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 1981

TIME 10:20 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Tainbamba REC. DIST. _____

DATE 1-7 1981

TIME 1:39 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

R.O.W. CODE CLASSIFICATION

A Aboveground Oil Line Federal Lands Standard 22 feet - 42 feet

The modification and additional R.O.W. is required to compensate for the area taken up by the aboveground support structures. This will allow clearance for heavy equipment on the driveway side of the line.

A 1 Aboveground Oil Line State Land Standard 25 feet - 75 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

B Belowground Oil Line Federal Land Standard 12 feet - 42 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

B 1 Belowground Oil Line State Land Standard 25 feet - 75 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

C Workpad Driveway Crossover

Additional R.O.W. is required where driveway switches from one side of line to the other, this will allow heavy equipment to make the change without damage to the pipeline.

C 1 Workpad Driveway Extension

Additional R.O.W. is required to negotiate steep terrain adjacent to the pipeline.

D River Training Structures

Spur Dikes/Revetments/Guide Bank/River Plugs

Additional R.O.W. is required to allow access for heavy equipment needed to repair and maintain the structures. Forty-five feet from the visible toe allows access to the buried 25 foot apron around the structures.

81-1

RECORDED - FILED	
<u>At Hiltom</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Ramp part</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Valdus</u>	REC. DIST.
DATE <u>1-12</u>	19 <u>81</u>
TIME <u>10:10</u>	<u>A</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Chitima</u>	REC. DIST.
DATE <u>1-12</u>	19 <u>81</u>
TIME <u>10:20</u>	<u>A</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Bunnow</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Jambaska</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>1:39</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

[cbm128pm]

R.O.W. CODE CLASSIFICATION (Cont'd)

E Structural Overfill for Pipe Restraint
Additional R.O.W. is required to maintain these structures.

E 1 Workpad and V.S.M. Insulation
Additional R.O.W. is required to protect, maintain and repair insulated area.

E 2 Transverse Levees and Cross Drainage Area
Additional R.O.W. is required to maintain and repair these areas. This is essential to prevent or control erosion.

E 3 Soft Areas of Workpad
Additional R.O.W. is required to allow for possible extra material lifts on these portions of the pad.

E 4 Sub Drains and Monitoring Hess Creek Approach
Additional R.O.W. is required for monitoring and maintenance operations.

E 5 Denali Fault
Additional R.O.W. is required in order to perform monitoring surveys.

E 11 Remedial Repair Zone
Additional R.O.W. is required to encompass existing remedial repair structures and for ongoing pipe performance monitoring, maintenance of surface drainage structures, and for possible future pipeline repair activities.

E 6 Cut Sections
Additional R.O.W. is required for maintenance purposes.

81-1

RECORDED - FILED	
<u>Bannon</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	P.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Rampart</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	P.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Valdez</u>	REC. DIST.
DATE <u>1-12</u>	19 <u>81</u>
TIME <u>10:10</u>	A.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Chitina</u>	REC. DIST.
DATE <u>1-12</u>	19 <u>81</u>
TIME <u>10:20</u>	A.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Zainbaba</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>1:39</u>	P.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>St. Hilbon</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	P.M.
Requested by AS/DNR	
703 W. NORTHERN LTS.	
ANCHORAGE, AK 99503	

[cbm128pm]

R.O.W. CODE CLASSIFICATION (Cont'd)

E 7 Side Fills

Additional R.O.W. is required to maintain the special side fill buttress for side bend pipe restraint.

E 8 Ptarmigan Drop

Additional R.O.W. is required to maintain the special belowground drainage system.

E 9 Thompson Pass and Keystone Canyon

Additional R.O.W. is required to maintain the subsurface drainage and buttresses.

E 10 Fort Liscomb Slide

Additional R.O.W. is required to allow periodic survey monitoring of the area.

F River, Stream, Bridges and Road Crossings

Additional R.O.W. is required to allow access for heavy equipment to maintain and repair the structures.

G Fuel Gas Line Federal Land Standard 10 feet - 40 feet

No additional R.O.W. is required.

G 1 Fuel Gas line State Land Standard 10 feet - 40 feet

No additional R.O.W. is required.

G 2 Fuel Gas Line

Fuel gas line departs from oil line because of small creek running parallel to oil line. Additional R.O.W. is required.

G 3 Fuel Gas Line

Gas line departs from oil line because of small lake crossing oil line. No additional R.O.W. is required.

81-1

RECORDED - FILED	
<u>Barnow</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Rampart</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Janlanta</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>1:39</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Valdez</u>	REC. DIST.
DATE <u>1-12</u>	19 <u>81</u>
TIME <u>10:10</u>	<u>A</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>H. Gibson</u>	REC. DIST.
DATE <u>1-7</u>	19 <u>81</u>
TIME <u>2:13</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
<u>Chitina</u>	REC. DIST.
DATE <u>1-12</u>	19 <u>81</u>
TIME <u>10:20</u>	<u>P</u> M
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

R.O.W. CODE CLASSIFICATION (Cont'd)

H Pad Widening at Access Road

Additional R.O.W. is required for heavy equipment to negotiate the turn from access road to workpad driveway.

I Insulation Box

Additional R.O.W. is required for maintenance and repair.

I 1 Insulated Pipe Burial

Additional R.O.W. is required to maintain the insulated maintenance pad and free standing heat pipe array associated with the insulated box design.

P Pump Station

Additional R.O.W. is required for operating, maintenance, and security reasons.

PP-A Private Property

Alyeska purchase R.O.W. (see R.O.W. drawing).

PP-N Alaska Native Allotment - (see R.O.W. drawing)

PP-E Federal Entryman - (see R.O.W. drawing)

PP-M Mining Claim - (see R.O.W. drawing)

PP-S R.O.W. Acquired by Eminent Domain Proceeding

Interest now held under State lease provision (see R.O.W. drawing).

V Valve Sites

Additional R.O.W. is required for operating and maintenance.

[cbm128pm]

81-1

RECORDED - FILED

Valdez REC. DIST.

DATE 1-12 1981

TIME 10:10 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barrow REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Chitina REC. DIST.

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Rampart REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Fairbanks REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

St. Lawrence REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

R.O.W. CODE CLASSIFICATION (Cont'd)

P.L.1 Power Line

Additional R.O.W. is necessary from Pump Station 6 to the south bank of the Yukon River to construct and maintain an overhead power line at the toe of the workpad on the driveway side.

R.C.1 Arch Road Crossing

Additional R.O.W. is required to maintain the bin walls and associated structural fill.

81-1

RECORDED - FILED		
<u>Valley</u>		REC. DIST.
DATE	<u>1-12</u>	19 <u>81</u>
TIME	<u>10:10</u>	A.M.
Requested by AS/DNR		
703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<u>Zainabka</u>		REC. DIST.
DATE	<u>1-7</u>	19 <u>81</u>
TIME	<u>1:39</u>	P.M.
Requested by AS/DNR		
703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<u>Rampart</u>		REC. DIST.
DATE	<u>1-7</u>	19 <u>81</u>
TIME	<u>2:13</u>	P.M.
Requested by AS/DNR		
703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<u>Chitina</u>		REC. DIST.
DATE	<u>1-12</u>	19 <u>81</u>
TIME	<u>10:20</u>	A.M.
Requested by AS/DNR		
703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<u>Barrow</u>		REC. DIST.
DATE	<u>1-7</u>	19 <u>81</u>
TIME	<u>2:13</u>	P.M.
Requested by AS/DNR		
703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<u>St. Gabriel</u>		REC. DIST.
DATE	<u>1-7</u>	19 <u>81</u>
TIME	<u>2:13</u>	P.M.
Requested by AS/DNR		
703 W. NORTHERN LTS. ANCHORAGE, AK 99503		

G-100 SERIES ALIGNMENT SHEET
21 APR 80

POINT I.D. + DISTANCE	HORZ. DIRECTION OF FLOW	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
PUMP STA NO. 1 STATE PROPERTY						
1-4	122.71			28+64		S. BDY. P.S. NO. 1, SEE DWG. D-31-L600 BEGIN WIDENING FOR FUEL GAS LINE, BEGIN INSULATED PAD
MATCH LINE		100	25	180+00	(A1-E1-G1)	

81-1
RECORDED - FILED
Vakly REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambentz REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Milton REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100-SERIES ALIGNMENT SHEET - 2
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
STATE LAND *** MATCH LINE				180+00		
		100	25	212+33	(A1-E1-G1)	N. BDY. CHECK VALVE 1
5-4	630.	100	25	213+98	(A1-V-G1)	S. BDY. CHECK VALVE 1
5-4	795.	100	25	264+65	(A1-E1-G1)	BEGIN WIDENING FOR FUEL GAS LINE
5-10	300.	175	25	280+00	(A1-E1-G2)	END WIDENING FOR FUEL GAS LINE
5-11	400.	100	25	430+00	(A1-E1-G1)	
MATCH LINE						

81-1
~~RECORDED - FILED~~

Valdez REC. DIST. _____

DATE 1-12 1981

TIME 10:10 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~

Fainbom REC. DIST. _____

DATE 1-7 1981

TIME 1:39 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~

Rampant REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~

Chitina REC. DIST. _____

DATE 1-12 1981

TIME 10:20 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~

Bannon REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~

Jt. Hillon REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 3
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
STATE LAND *** MATCH LINE				430+00		
		100	25	----- (A1-E1-G1) -----		
6-6	807.			452+04	(A1-V-G1)	N. BDY. CHECK VALVE 2
		100	25	----- (A1-E1-G1) -----		
6-6	972.			453+69	(A1-V-G1)	S. BDY. CHECK VALVE 2
		100	25	----- (A1-E1-G1) -----		
7-4	808.			591+25	(A1-V-G1)	N. BDY. CHECK VALVE 3
		100	25	----- (A1-E1-G1) -----		
7-4	973.			592+90	(A1-V-G1)	S. BDY. CHECK VALVE 3
		100	25	----- (A1-E1-G1) -----		
8-4	200.			642+75	(B1-G1)	A/G TO B/G TRANSITION, END INSULATED PAD
		100	25	----- (B1-G1) -----		
MATCH LINE				700+00		

81-1
RECORDED - FILED
Valdez
REC. DIST. _____
DATE 1-12 19 81
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambanks
REC. DIST. _____
DATE 1-7 19 81
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
REC. DIST. _____
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna
REC. DIST. _____
DATE 1-12 19 81
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
REC. DIST. _____
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Hubert
REC. DIST. _____
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 4
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
STATE LAND ***						
MATCH LINE				700+00		
		100	25		(B1-G1)	
10	12370.			781+16		N. BDY. CHECK VALVE NO. 4
		135	25		(B1-V-G1)	
10	12535.			782+81		S. BDY. CHECK VALVE NO. 4
		100	25		(B1-G1)	
12	1596.			961+04		N. BDY. CHECK VALVE NO. 5 AND MANUAL VALVE NO. 5A
		135	25		(B1-V-G1)	
12	1761.			962+69		S. BDY. CHECK VALVE NO. 5 AND MANUAL VALVE NO. 5A
		100	25		(B1-G1)	
MATCH LINE				970+00		

81-1
RECORDED - FILED
Valdez REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zimbrana REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.,
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Ignace REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Gibson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET
 21 APR 80

R O W WIDTHS
 DIRECTION OF FLOW
 ASBUILT PIPELINE STATIONING
 CODE CLASSIFICATION

POINT I.D. + DISTANCE	HORZ. V	RIGHT	LEFT	ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION
STATE LAND *** MATCH LINE				970+00	
		100	25		(B1-G1)
14	868.			988+27	
		75	25		(B1-F)
18	1027.03			1086+83	
		75	25		(B1-D)
18	1210.41			1088+66	
		75	25		(B1)
18	2527.52			1101+83	
		75	25		(B1-D)
18	2712.55			1103+68	
		75	25		(B1)
18	3903.72			1115+60	
		75	25		(B1-D)
18	4078.43			1117+34	
		75	25		(B1)
18	5274.61			1129+31	
		75	25		(B1-D)
18	5449.91			1131+06	
		75	25		(B1)
19	1066.56			1153+16	
		75	25		(B1-D)
19	1256.00			1155+06	
		75	25		(B1)
19	2819.38			1170+69	
		75	25		(B1-D)
19	3000.68			1172+51	
		75	25		(B1)
19	3649.			1178+99	
		75	25		(B1-E1)
19	4335.75			1185+86	
		75	25		(B1-D-E1)

COMMENTS

C/L EXISTING ROADWAY, END WIDENING FOR FUEL GAS LINE
 BEGIN SPUR DIKE NO. 7, SEE DETAIL DWG.
 END SPUR DIKE NO. 7
 BEGIN SPUR DIKE NO. 6, SEE DETAIL DWG.
 END SPUR DIKE NO. 6
 BEGIN SPUR DIKE NO. 5, SEE DETAIL DWG.
 END SPUR DIKE NO. 5
 BEGIN SPUR DIKE NO. 4, SEE DETAIL DWG.
 END SPUR DIKE NO. 4
 BEGIN SPUR DIKE NO. 3, SEE DETAIL DWG.
 END SPUR DIKE NO. 3
 BEGIN SPUR DIKE NO. 2, SEE DETAIL DWG.
 END SPUR DIKE NO. 2
 BEGIN INSULATED PAD
 BEGIN SPUR DIKE NO. 1, SEE DETAIL DWG.

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sandwich REC. DIST.
 DATE 1-7 1981
 TIME 6:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

19	4505.92	75	25	1187+56	END SPUR DIKE NO. 1
19	7560.	135	25	1218+13	N. BDY. CHECK VALVE NO. 6
19	7725.	75	25	1219+78	S. BDY. CHECK VALVE NO. 6
MATCH LINE				1280+00	

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 19 81
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambora REC. DIST.
DATE 1-7 19 81
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-12 19 81
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Gilbert REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Vadky REC. DIST.
 DATE _____ 19____
 TIME _____ M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannor REC. DIST.
 DATE 1-7 19____
 TIME 2:13 M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Salmon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 6
 21 APR 80

R O W WIDTHS
 DIRECTION OF FLOW
 ASBUILT PIPELINE
 STATIONING CODE CLASSIFICATION
 COMMENTS

POINT HORZ.
 I.D. + DISTANCE

RIGHT LEFT
 V
 V

STATE LAND ***
 MATCH LINE

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zan Barber REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christine REC. DIST.
 DATE 1-12 1981
 TIME 10:30 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	RIGHT	LEFT	ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
STATE LAND *** MATCH LINE				1280+00		
		75	25	1300+00	(B1-E1)	END INSULATED PAD
20 1899.		75	25	1307+40	(B1)	BEGIN CHANNEL PLUG NO. 3, SEE DETAIL DWG.
20 2637.30		75	25	1307+90	(B1-D)	END CHANNEL PLUG NO. 3
20 2687.30		75	25	1362+48	(B1)	BEGIN CHANNEL PLUG NO. 2, SEE DETAIL DWG.
21 1465.04		75	25	1362+98	(B1-D)	END CHANNEL PLUG NO. 2
21 1515.04		75	25	1366+81	(B1-E1)	BEGIN INSULATED PAD
21 1940.		75	25	1371+31	(B1-E1)	N. BDY. CHECK VALVE NO. 7
21 2335.		135	25	1372+96	(B1-V-E1)	S. BDY. CHECK VALVE NO. 7
21 2518.		75	25	1444+81	(B1-E1)	END INSULATED PAD
21A 641.		75	25	1445+13	(B1)	BEGIN CHANNEL PLUG NO. 1, SEE DETAIL DWG.
21A 672.52		75	25	1445+63	(B1-D)	END CHANNEL PLUG NO. 1
21A 722.52		75	25	1460+31	(B1)	BEGIN REVETMENT, SEE DETAIL DWG.
21A 2191.		75	25	1497+39	(B1-D)	END REVETMENT
22 723.		75	25	1524+32	(B1)	BEGIN SPUR DIKE NO. 4, SEE DETAIL DWG.
23 92.46		75	25	1526+20	(B1-D)	END SPUR DIKE NO. 4
23 280.58		75	25		(B1)	

24A	70.	-----	1568+37	BEGIN SPUR DIKE NO. 3, SEE DETAIL DWG.
-----	-----	75	25	----- (B1-D)
24A	280.	-----	1570+47	END SPUR DIKE NO. 3
-----	-----	75	25	----- (B1)
24A	545.	-----	1573+37	BEGIN SPUR DIKE NO. 2, SEE DETAIL DWG.
-----	-----	75	25	----- (B1-D)
24A	770.	-----	1575+37	END SPUR DIKE NO. 2
-----	-----	75	25	----- (B1)
24A	1042.53	-----	1578+37	BEGIN SPUR DIKE NO. 1, SEE DETAIL DWG.
-----	-----	75	25	----- (B1-D)
25	187.72	-----	1580+57	END SPUR DIKE NO. 1
-----	-----	75	25	----- (B1)
MATCH LINE	-----	-----	1590+00	-----

81-1

~~RECORDED - FILED~~

Valdery REC. DIST.

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Lainboms REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Rampant REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Christina REC. DIST.

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Bannon REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

St. Hubert REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 7
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
STATE LAND *** MATCH LINE				1590+00		
25	1200.	75	25	1590+76	(B1)	BEGIN INSULATED PAD
26	2122.68	75	25	1620+80	(B1-E1)	BEGIN CHANNEL PLUG, SEE DETAIL DWG.
26	2172.68	75	25	1621+30	(B1-D-E1)	END CHANNEL PLUG
26	2591.	75	25	1625+46	(B1-E1)	N. BDY. CHECK VALVE NO. 8
26	2756.	135	25	1627+11	(B1-V-E1)	S. BDY. CHECK VALVE NO. 8
31	9607.	75	25	1888+79	(B1-E1)	N. BDY. CHECK VALVE NO. 9
MATCH LINE		135	25	1890+00	(B1-V-E1)	

81-1
RECORDED - FILED
Vulding REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambora REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Julian REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 8
21 APR 80

81-1

RECORDED - FILED

Ramport REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		DIRECTION OF FLOW V	ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION V	COMMENTS
		RIGHT	LEFT				
STATE LAND *** MATCH LINE					1890+00		
		135	25			(B1-V-E1)	
31	9772.				1890+44		S. BDY. CHECK VALVE NO. 9
		75	25			(B1-E1)	
32	4536.				1969+98		END INSULATED PAD
		75	25			(B1)	
33	635.32				1993+05		BEGIN CHANNEL PLUG NO. 2, SEE DETAIL DWG.
		75	25			(B1-D)	
33	685.32				1993+55		END CHANNEL PLUG NO. 2
		75	25			(B1)	
33	8773.00				2074+43		BEGIN CHANNEL PLUG NO. 1, SEE DETAIL DWG.
		75	25			(B1-D)	
33	8823.00				2074+93		END CHANNEL PLUG NO. 1
		75	25			(B1)	
34	3159.				2140+41		N. BDY. CHECK VALVE & MANUAL GATE VALVE NO. 10
		135	25			(B1-V)	
34	3324.				2142+06		S. BDY. CHECK VALVE & MANUAL GATE VALVE NO. 10
		75	25			(B1)	
35	154.				2202+77		BEGIN INSULATED PAD
		75	25			(B1-E1)	
MATCH LINE					2210+00		

81-1

RECORDED - FILED

Valley REC. DIST.

DATE 1-7-2 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST.

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Zambora REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Bannon REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

St. Gibbon REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 9
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
STATE LAND ***				2210+00		
MATCH LINE				2210+00		
		75	25	(B1-E1)		
37	405.			2357+25		N. BDY. CHECK VALVE NO. 11
		135	25	(B1-V-E1)		
37	570.			2358+90		S. BDY. CHECK VALVE NO. 11
		75	25	(B1-E1)		
40	710.			2476+32		END INSULATED PAD
		75	25	(B1)		
41	2066.			2511+55		N. BDY. CHECK VALVE NO. 12
		135	25	(B1-V)		
42	50.			2513+20		S. BDY. CHECK VALVE NO. 12
		75	25	(B1)		
42	524.83			2517+96		BEGIN SPUR DIKE NO. 5, SEE DETAIL DWG.
		75	25	(B1-D)		
42	717.71			2519+89		END SPUR DIKE NO. 5
		75	25	(B1)		
MATCH LINE				2524+00		

81-1
RECORDED - FILED
Valdy REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zimbraka REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
DATE 1-11 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Et Wilson REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 10
21 APR 80

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dalton REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DIRECTION OF FLOW	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
STATE LAND ***						
MATCH LINE				2524+00		
		75	25		(B1)	BEGIN SPUR DIKE NO. 4, SEE DETAIL DWG.
42	1705.60			2529+76		
		75	25		(B1-D)	END SPUR DIKE NO. 4
42	1903.68			2531+74		
		75	25		(B1)	BEGIN SPUR DIKE NO. 3, SEE DETAIL DWG.
43	349.14			2539+82		
		75	25		(B1-D)	END SPUR DIKE NO. 3
43	566.98			2541+99		
		75	25		(B1)	BEGIN SPUR DIKE NO. 2, SEE DETAIL DWG.
43	1328.23			2549+60		
		75	25		(B1-D)	END SPUR DIKE NO. 2
43	1520.27			2551+52		
		75	25		(B1)	BEGIN SPUR DIKE NO. 1, SEE DETAIL DWG.
43	2424.00			2560+56		
		75	25		(B1-D)	END SPUR DIKE NO. 1
43	2635.58			2562+68		
		75	25		(B1)	N. BDY. CHECK VALVE NO. 13
48	6535.			2746+57		
		135	25		(B1-V)	S. BDY. CHECK VALVE NO. 13
48	6700.			2748+22		
		75	25		(B1)	B/G TO A/G TRANSITION
48A	6814.			2828+73		
		75	25		(A1)	BEGIN INSULATED PAD
48A	6886.			2829+41		
		75	25		(A1-E1)	
MATCH LINE				2830+00		

81-1
RECORDED - FILED
Valdny REC. DIST.
DATE 1-12 19 81
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-12 19 81
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fairbanks REC. DIST.
DATE 1-7 19 81
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 11
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
STATE LAND ***						
MATCH LINE				2830+00		
		75	25		(A1-E1)	
48A-14	810.			2918+26		N. BDY. CHECK VALVE 14
		135	25		(A1-V-E1)	
48A-14	975.			2919+91		S. BDY. CHECK VALVE 14
		75	25		(A1-E1)	
FEDERAL LAND ***						
48A-21	330.			2981+40		INT. N. LINE SEC. 6 TIN R15E U.M.
		75	22		(A-E1)	
PUMP STA NO. 2						
49-11	298.57			3044+50		N. BDY. P.S.2. SEE DWG. D-32-L600
		XX	XX		(P)	
FEDERAL LAND						
49-12	23.25			3060+25		S. BDY. P.S.2
		75	22		(A-E1)	
50-4	640.			3098+69		END INSULATED PAD
		42	22		(A)	
MATCH LINE				3130+00		

81-1
RECORDED - FILED
Valdez
REC. DIST. *81*
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zamboni
REC. DIST. *81*
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
REC. DIST. *81*
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina
REC. DIST. *81*
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
REC. DIST. *81*
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Michael
REC. DIST. *81*
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 12
21 APR 80

81-1

~~RECORDED - FILED~~
H. Gulbon

REC. DIST. _____
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W - WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE				3130+00		
		42	22		(A)	
50-12	320.			3147+68		A/G TO B/G TRANSITION
		42	12		(B)	
54	155.66			3269+10		BEGIN SPUR DIKE NO. 2 SEE DETAIL DWG.
		42	12		(B-D)	
54	350.57			3271+05		END SPUR DIKE NO. 2
		42	12		(B)	
54	3912.06			3304+92		BEGIN SPUR DIKE NO. 1 SEE DETAIL DWG.
		42	12		(B-D)	
54	4359.58			3309+39		END SPUR DIKE NO. 1
		42	12		(B)	
54	4421.			3311+79		BEGIN CROSSOVER
		42	42		(B-C)	
55	50.			3312+79		END CROSSOVER
		12	42		(B)	
55	1522.			3327+51		BEGIN INSULATED PAD
		22	75		(B-E1)	
55	2242.			3334+69		N. BDY. CHECK VALVE 15
		12	135		(B-V)	
55	2407.			3336+34		S. BDY. CHECK VALVE 15
		22	75		(B-E1)	
56	2.			3365+88		INT N. BDY. PUBLIC AIRPORT LEASE R/W 200-166, SEE R/W DWG.
		XX	XX		(PP-E)	
MATCH LINE				3420+00		

81-1

~~RECORDED - FILED~~
Valety

REC. DIST. _____
DATE 1-7 19 81
TIME 10:10 M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~
Christina

REC. DIST. _____
DATE 1-12 19 81
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~
Fairbanks

REC. DIST. _____
DATE 1-7 19 81
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~
Banner

REC. DIST. _____
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81

~~RECORDED - FILED~~
Rampant

REC. DIST. _____
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 13
21 APR 80

81-1

RECORDED - FILED

Bannow REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ.	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE						
				3420+00		
		XX	XX		(PP-E)	
58	11.			3496+43		INT. S. BDY. PUBLIC AIRPORT LEASE
		12	42		(B)	
59	3899.			3573+63		BEGIN SPUR DIKE NO. 1 LEFT AND RIGHT
		250	440		(B-D)	
60	50.			3575+71		END SPUR DIKE NO. 1 RIGHT
		12	440		(B-D)	
60	440.			3579+61		SPUR DIKE LEFT CONTINUED
		12	175		(B-D)	
60	700.			3582+21		END SPUR DIKE NO. 1
		12	42		(B)	
60	7779.			3653+00		BEGIN OVERFILL
		15	42		(B-E)	
61	178.			3656+00		END OVERFILL
		12	42		(B)	
61	6278.			3717+00		BEGIN OVERFILL
		17	42		(B-E)	
62	114.			3720+00		END OVERFILL
		12	42		(B)	
62	783.			3726+71		N. BDY. CHECK VALVE 16
		12	135		(B-V)	
62	948.			3728+36		S. BDY. CHECK VALVE 16
		12	42		(B)	
MATCH LINE						
				3730+00		

81-1

RECORDED - FILED

Valdez REC. DIST.

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Chitna REC. DIST.

DATE 1-12 1981

TIME 10:20 M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Fairbanks REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barrow REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

2nd Barrow REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

22

G-100 SERIES ALIGNMENT SHEET 14
21 APR 80

81-1

RECORDED - FILED

H. Johnson REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ.	R O W -WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	LEFT			
FEDERAL LAND *** MATCH LINE				3730+00		
62	2014.	12	42	3739+00	(B)	BEGIN OVERFILL
63	252.	22	42	3743+00	(B-E)	END OVERFILL
63	2748.65	12	42	3767+96	(B)	BEGIN CHANNEL PLUG NO. 5, SEE DETAIL DWG.
63	2897.32	12	42	3769+45	(B-D)	END CHANNEL PLUG NO. 5
63	4457.49	12	42	3785+05	(B-D)	BEGIN CHANNEL PLUG NO. 4, SEE DETAIL DWG.
63	4507.49	12	42	3785+55	(B-D)	END CHANNEL PLUG NO. 4
64	4896.60	12	42	3864+76	(B)	BEGIN CHANNEL PLUG NO. 1, SEE DETAIL DWG.
64	5055.94	12	42	3866+36	(B-D)	END CHANNEL PLUG NO. 1
68	1360.	12	42	3988+38	(B)	N. BDY. CHECK VALVE 17
68	1525.	12	135	3990+03	(B-V)	S. BDY. CHECK VALVE 17
MATCH LINE		12	42	4040+00	(B)	

81-1

RECORDED - FILED

Valden REC. DIST.

DATE 1-7 1981

TIME 10:10 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST.

DATE 1-12 1981

TIME 10:20 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Famborn REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barnow REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Rampart REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Valderf
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 G-100 SERIES ALIGNMENT SHEET 15
 21 APR 80

81-1
RECORDED - FILED
Zambora
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. John
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chutina
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
R O W WIDTHS						
FEDERAL LAND ***						
MATCH LINE						
		12	42	4040+00	(B)	
69	4184.36	12	42	4047+11	(B-D)	BEGIN GUIDE BANK NO.1 SEE DETAIL DWG.
69	4373.56	12	42	4049+00	(B)	END GUIDE BANK NO.1
71	342.	640	250	4071+06	(B-D)	BEGIN SPUR DIKE NO.11
71	513.	12	42	4072+77	(B)	END SPUR DIKE NO.11
71	2177.	620	380	4089+41	(B-D)	BEGIN SPUR DIKE NO.10
71	2347.	12	42	4091+11	(B)	END SPUR DIKE NO.10
71	4171.69	12	42	4109+07	(B-D)	BEGIN SPUR DIKE NO.9 SEE DETAIL DWG.
71	4352.61	12	42	4110+87	(B)	END SPUR DIKE NO. 9
72	771.11	12	42	4118+65	(B-D)	BEGIN SPUR DIKE NO.8, SEE DETAIL DWG.
73	188.09	12	42	4120+67	(B)	END SPUR DIKE NO. 8
74	7.	876	315	4140+05	(B-D)	BEGIN SPUR DIKE NO.7
74	204.	12	42	4142+05	(B)	END SPUR DIKE NO.7
74	2348.07	12	42	4163+79	(B-D)	BEGIN SPUR DIKE NO.6, SEE DETAIL DWG.
75	11.16	12	42	4165+49	(B)	END SPUR DIKE NO.6
75	1987.	921	286	4184+90	(B-D)	BEGIN SPUR DIKE NO. 5

81-1

81-1

RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 15 *** (PAGE 2 CONTINUED)
 21 APR 80

81-1

RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

76	115.	12	42	4186+50	END SPUR DIKE NO. 5
76	1410.48	12	42	4199+46	BEGIN SPUR DIKE NO. 4, SEE DETAIL DWG.
76	1580.76	12	42	4201+16	END SPUR DIKE NO. 4
77	919.00	12	42	4218+28	BEGIN SPUR DIKE NO. 3, SEE DETAIL DWG.
77	1077.76	12	42	4219+86	END SPUR DIKE NO. 3
78	519.78	12	42	4235+43	BEGIN SPUR DIKE NO. 2, SEE DETAIL DWG.
78	728.84	12	42	4237+52	END SPUR DIKE NO. 2
80	204.25	12	42	4256+98	BEGIN SPUR DIKE NO. 1, SEE DETAIL DWG.
80	354.41	12	42	4258+48	END SPUR DIKE NO. 1
80	663.	12	42	4261+59	N. BDY. CHECK VALVE 18
80	828.	12	135	4263+24	S. BDY. CHECK VALVE 18
MATCH LINE		12	42	4330+00	

81-1

RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

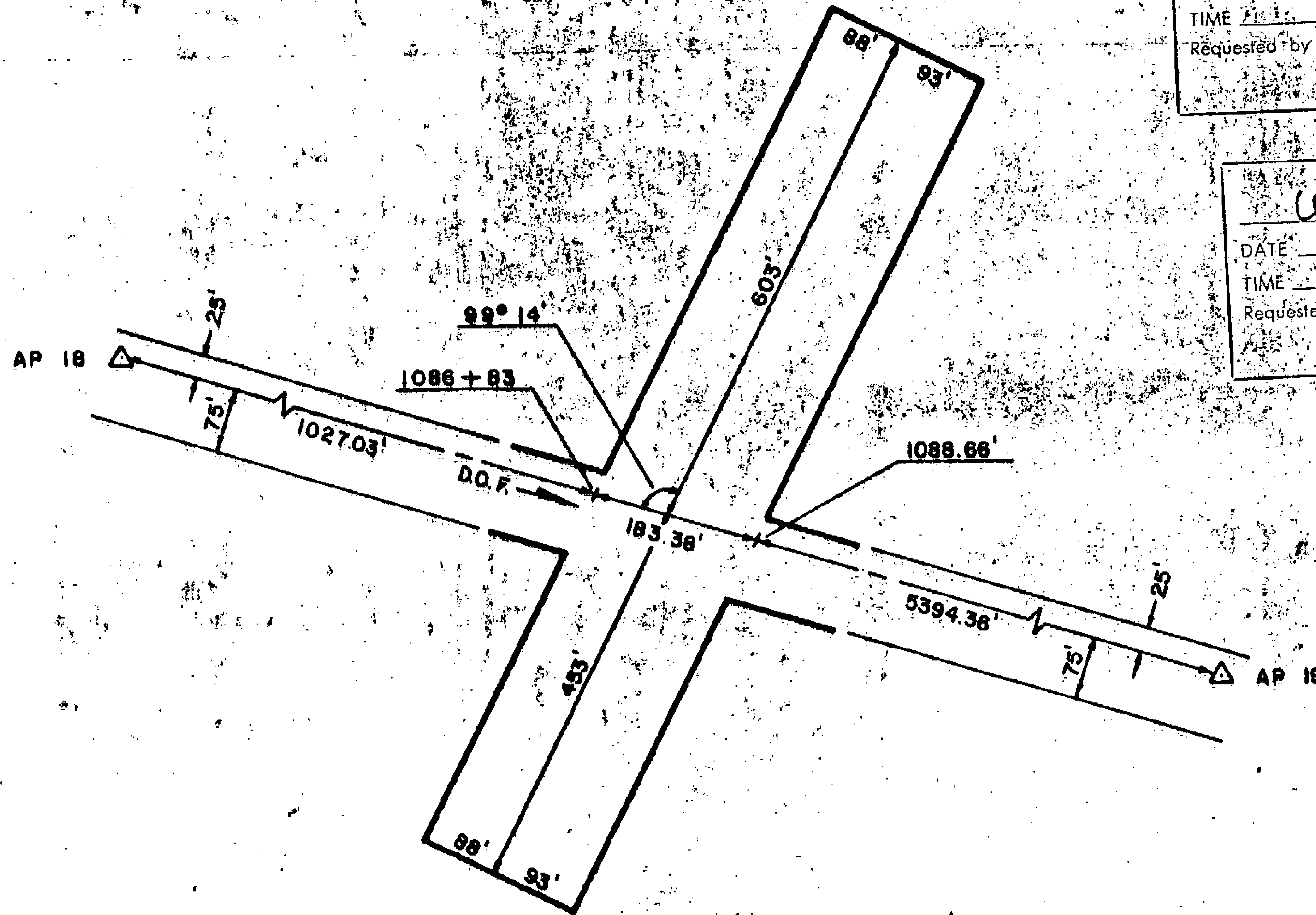
RECORDED - FILED
Zamboni
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Barnow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
A. Nelson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503



81-1
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

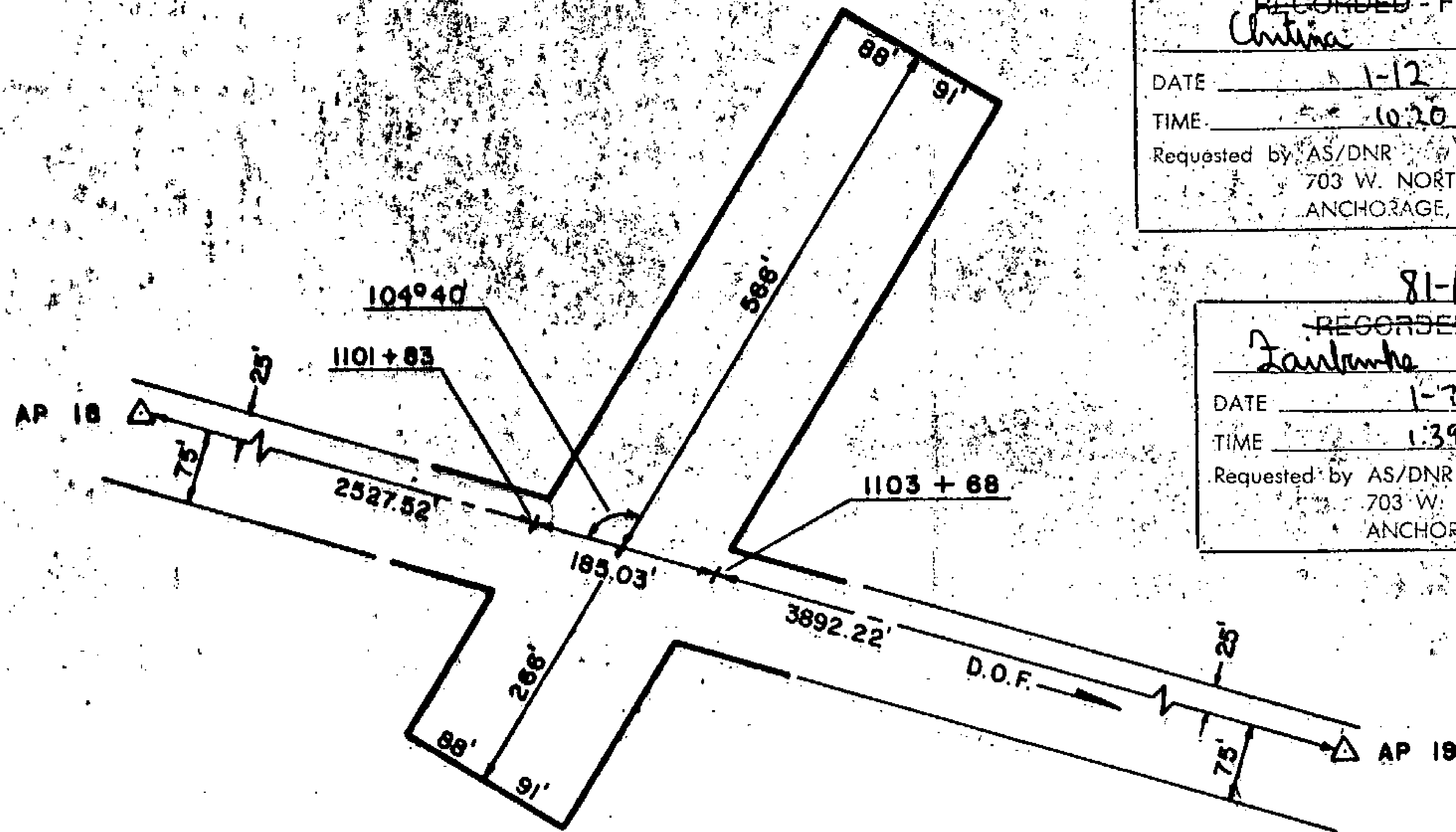
81-1
 RECORDED - FILED
 Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 St. John REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Sincintha REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
STATION 1086 + 83
FIELD BOOK 170-121, PAGE 4
SCALE: 1" = 200'
DATE: AUG. 6, 1978



81-1

RECORDED - FILED

Valdez REC. DIST. _____

DATE 1-12 1981

TIME 10:10 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barnum REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 1981

TIME 10:20 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

St. Barbara REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Lauranka REC. DIST. _____

DATE 1-7 1981

TIME 1:39 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

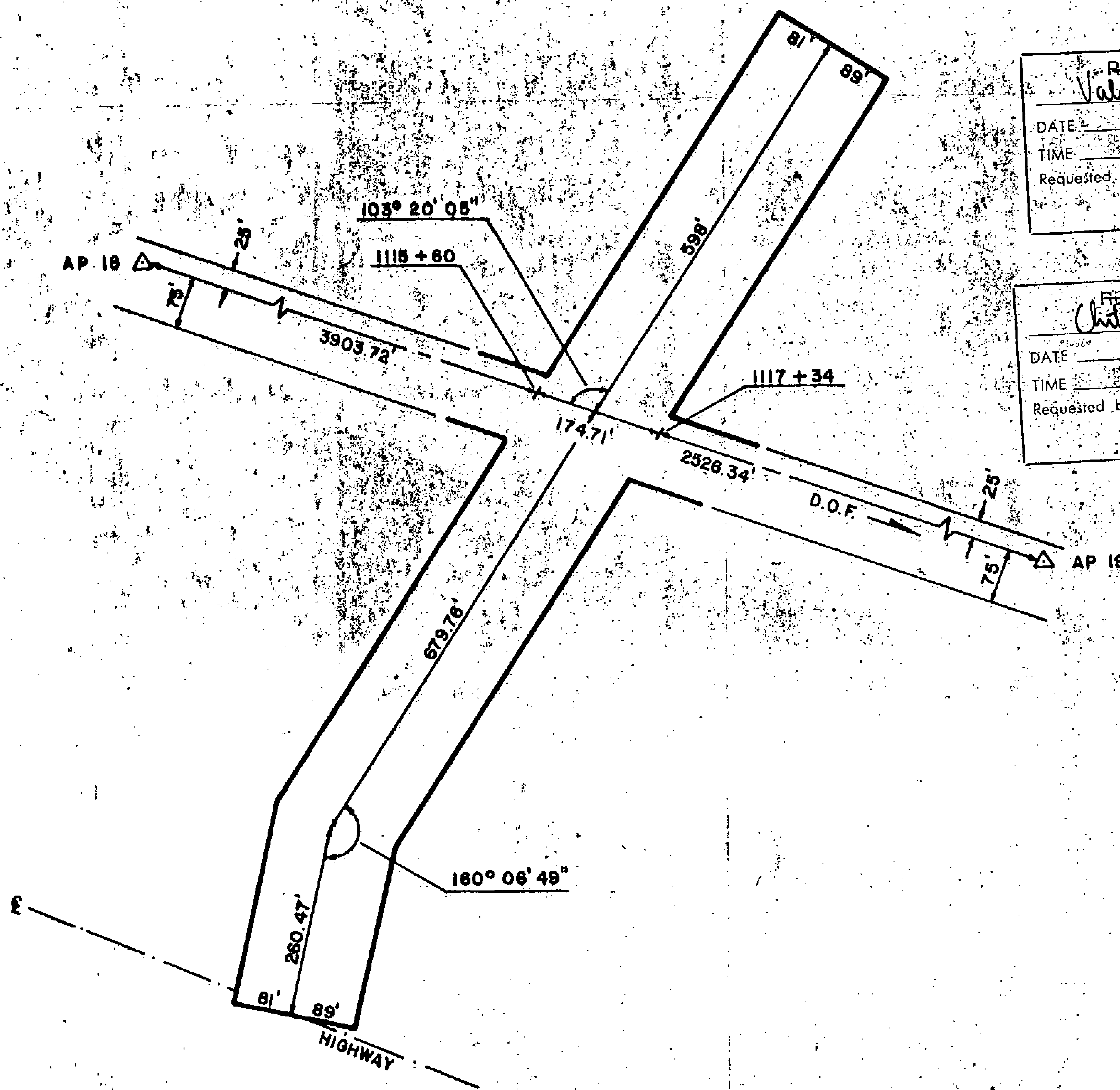
Rampart REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
STATION 1101 + 83
 FIELD BOOK 170-121, PAGE 5
 SCALE: 1" = 200'
 DATE: AUG. 7, 1978



81-1

RECORDED - FILED

Valdy REC. DIST. _____

DATE 1-12 19 81

TIME 10:10 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

St. Sullivan REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 19 81

TIME 10:20 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Rampart REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Zambrows REC. DIST. _____

DATE 1-7 19 81

TIME 1:39 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Burns REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

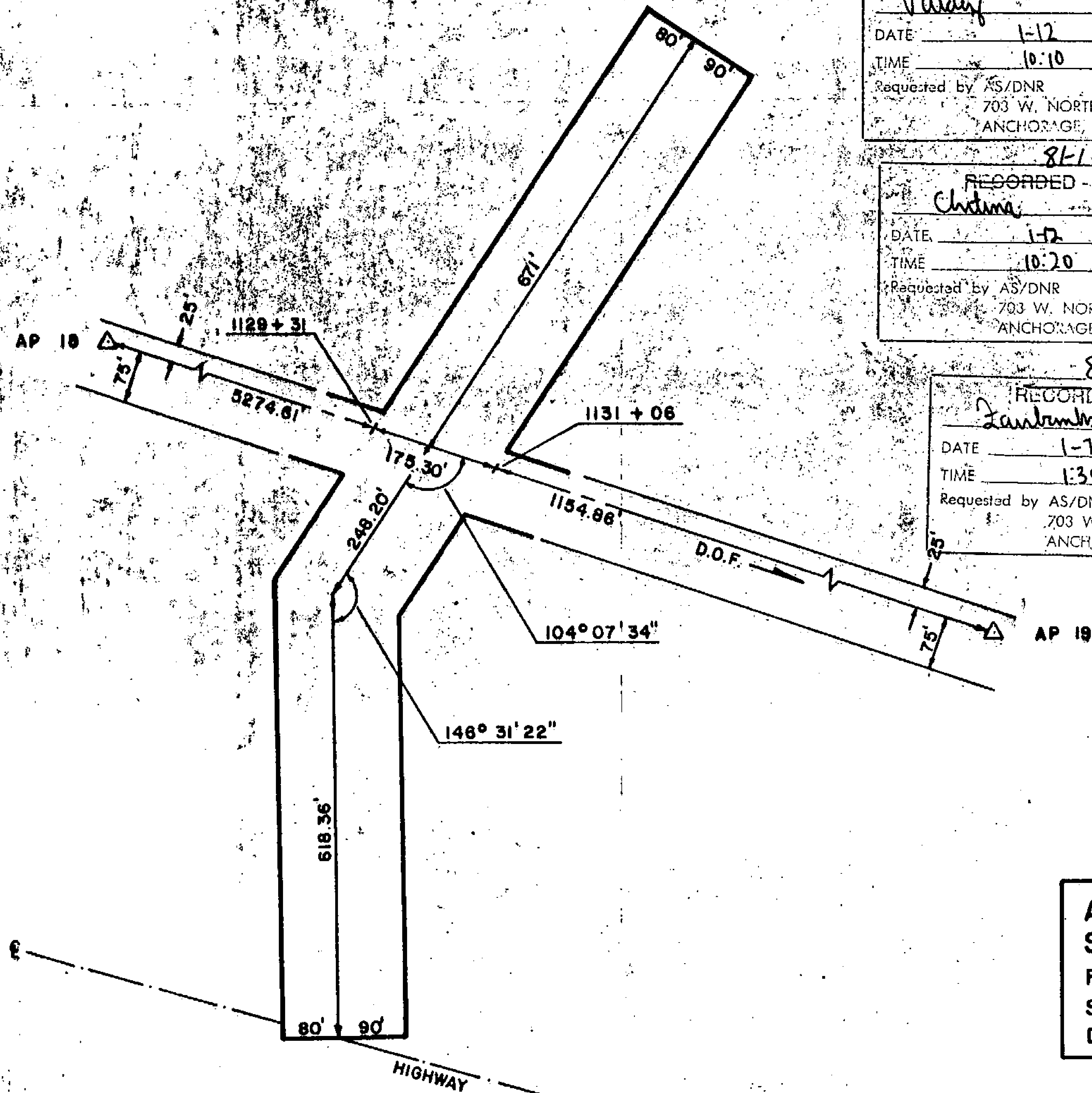
ALIGNMENT SHEET 5

STATION 1115 + 60

FIELD BOOK 170 - 121, PAGES 6 - 8

SCALE: 1" = 200'

DATE: AUG. 7, 1978



81-1
 RECORDED - FILED
Valdy REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED~~ - FILED
St. Sibbo REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

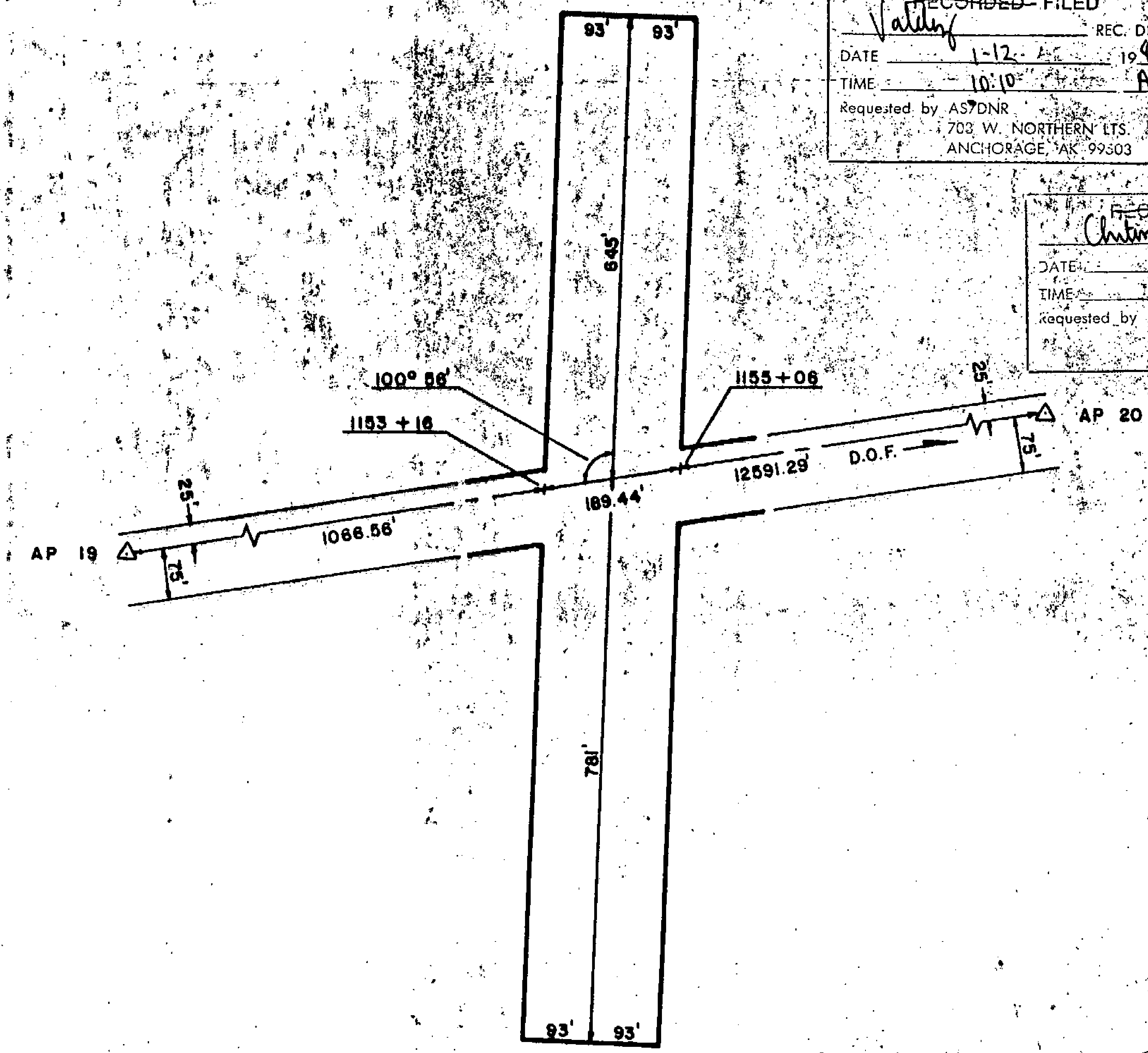
81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-7 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Laurie REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Basson REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
STATION 1129+31
 FIELD BOOK 170-121, PAGES 9-11
 SCALE: 1" = 200'
 DATE: AUG. 8, 1978



81-1

RECORDED - FILED

Valley REC. DIST. _____

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

A. Sutton REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Rampart REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Zambros REC. DIST. _____

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

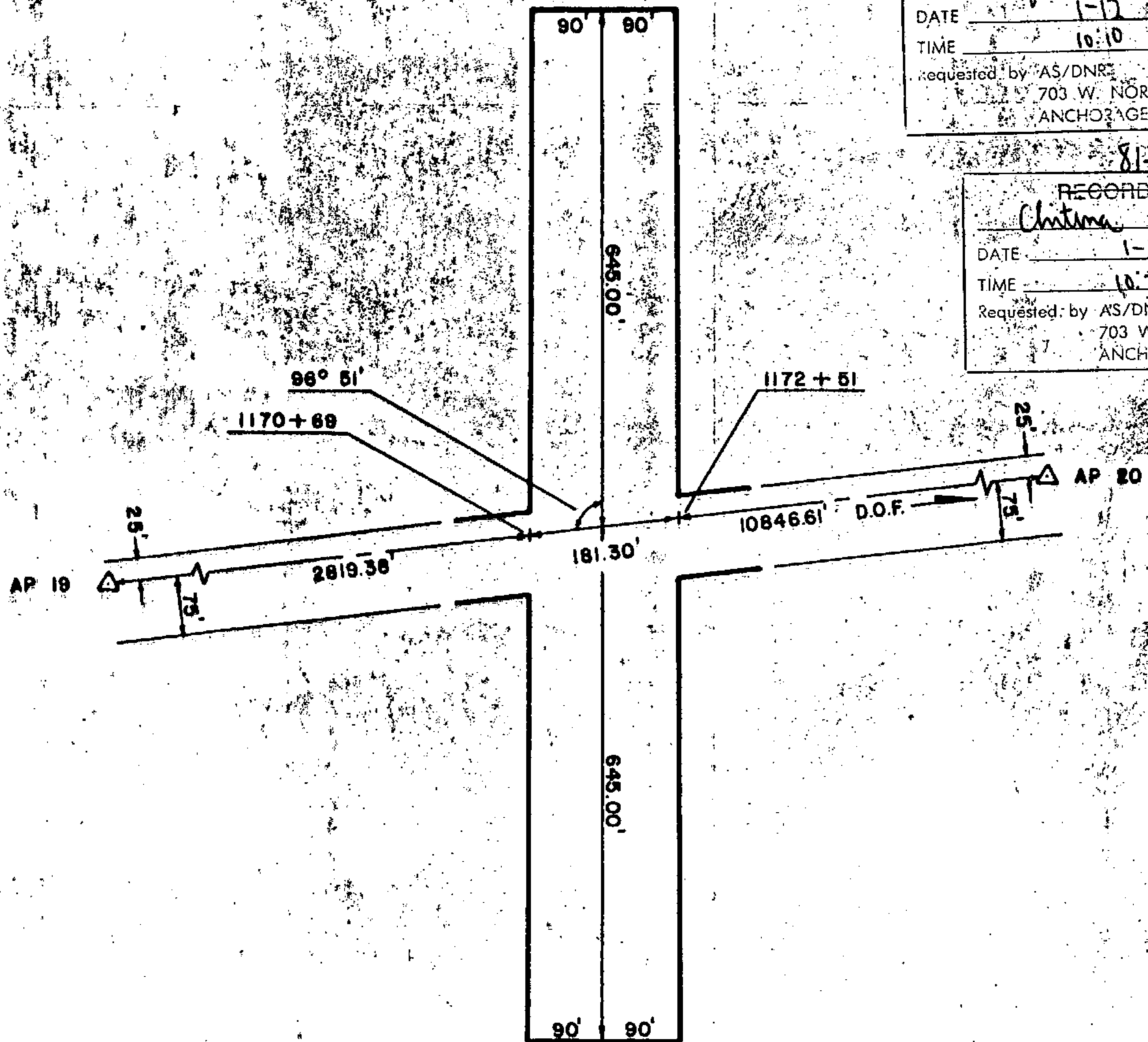
Bannon REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
STATION 1153+16
 SPUR DIKE 3
 FIELD BOOK 170-121, PAGE 32
 SCALE: 1" = 200'
 DATE: AUG. 13, 1978



81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

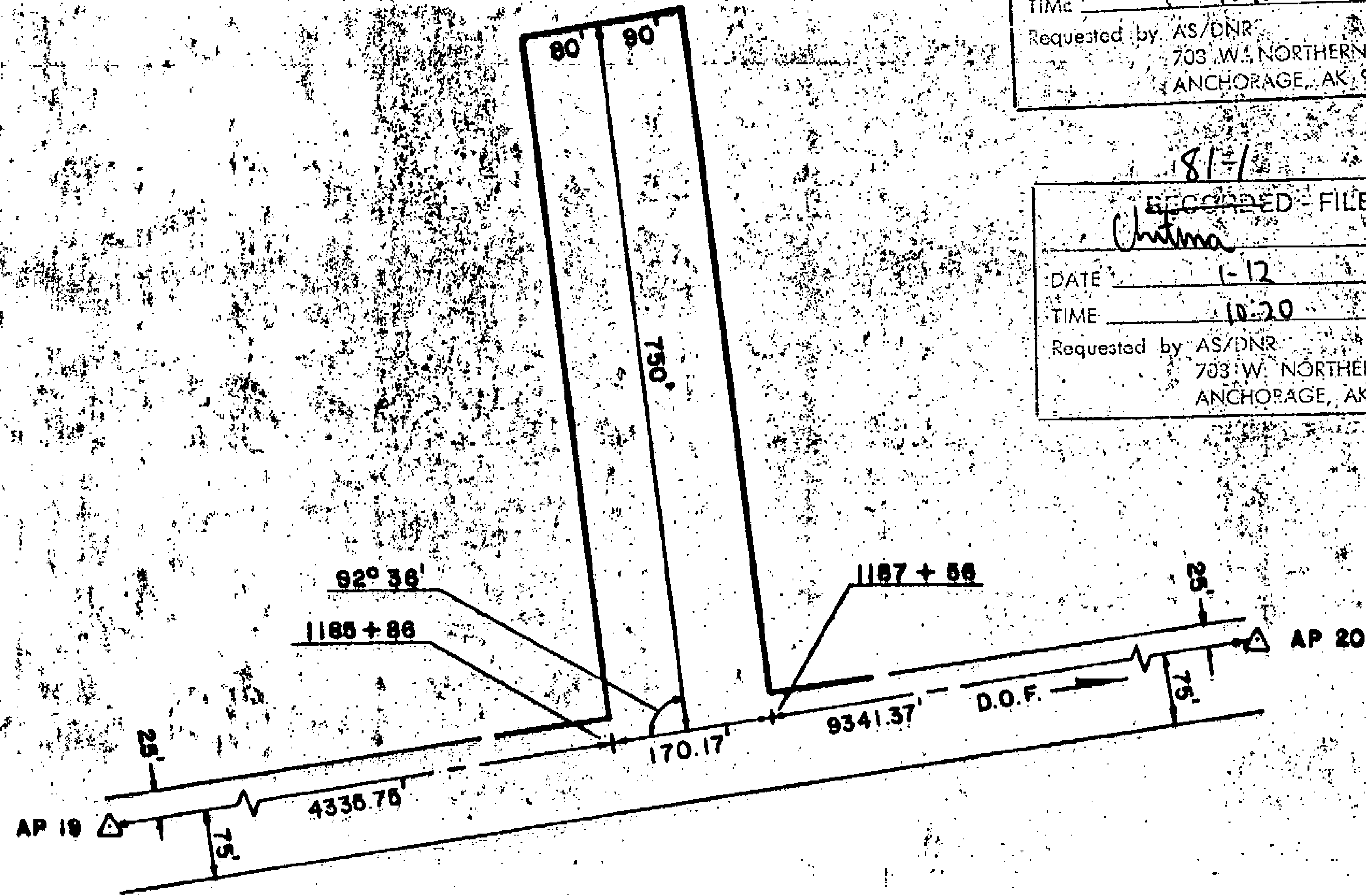
81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Dalton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fairbanks
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Benson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
STATION 1170+69
SPUR DIKE 2
FIELD BOOK 170-121, PAGE 33
SCALE: 1" = 200'
DATE: AUG. 13, 1978



81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A Sutton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

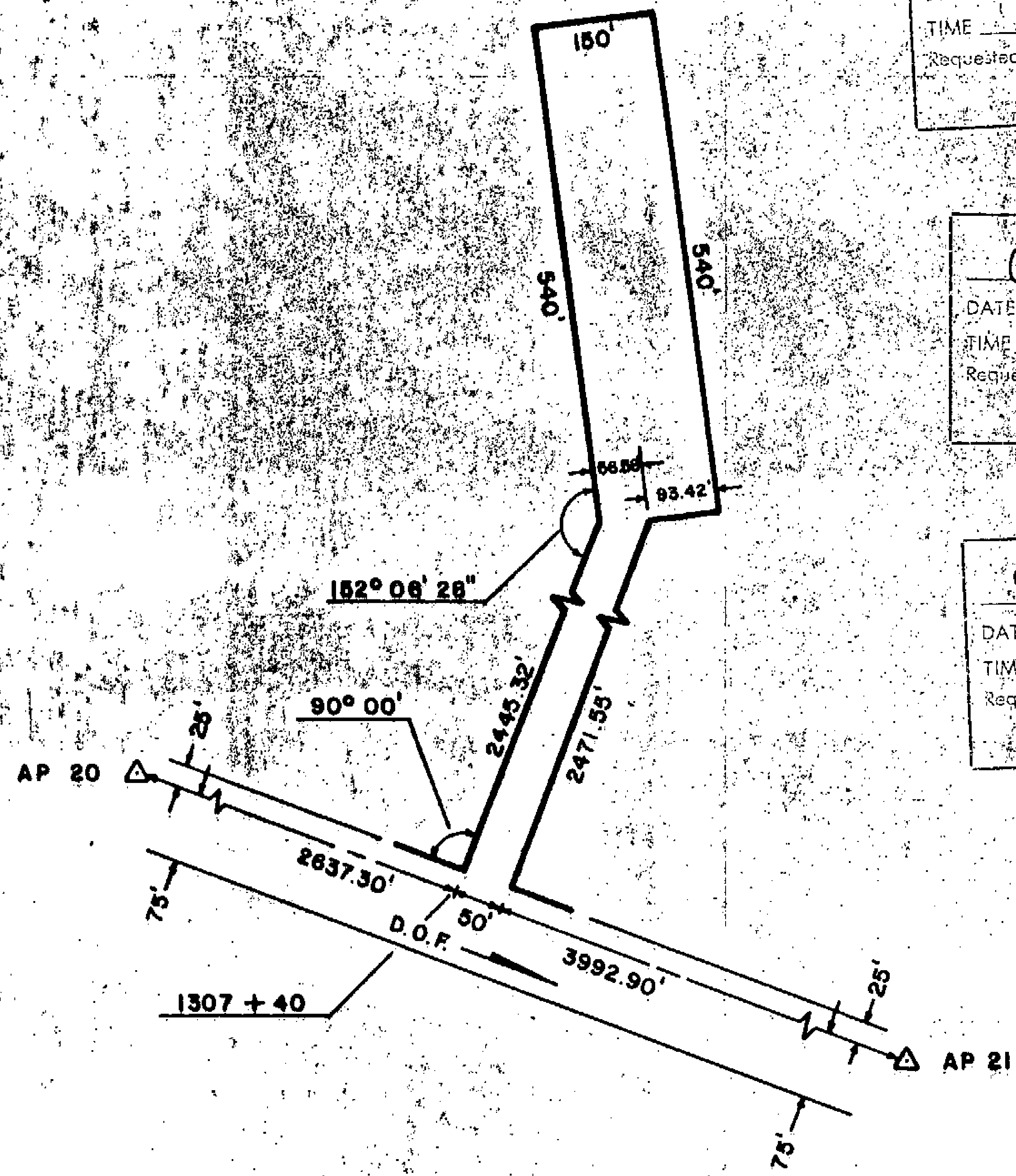
81-1
 RECORDED - FILED
Chitima
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Faulkner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
STATION 1185+86
 SPUR DIKE 1
 FIELD BOOK 170-121, PAGE 34
 SCALE: 1" = 200'
 DATE: AUG. 13, 1978



81-1
 RECORDED - FILED
 Valdyf
 DATE 1-12-81 REC. DIST. 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Barron
 DATE 1-7-81 REC. DIST. 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

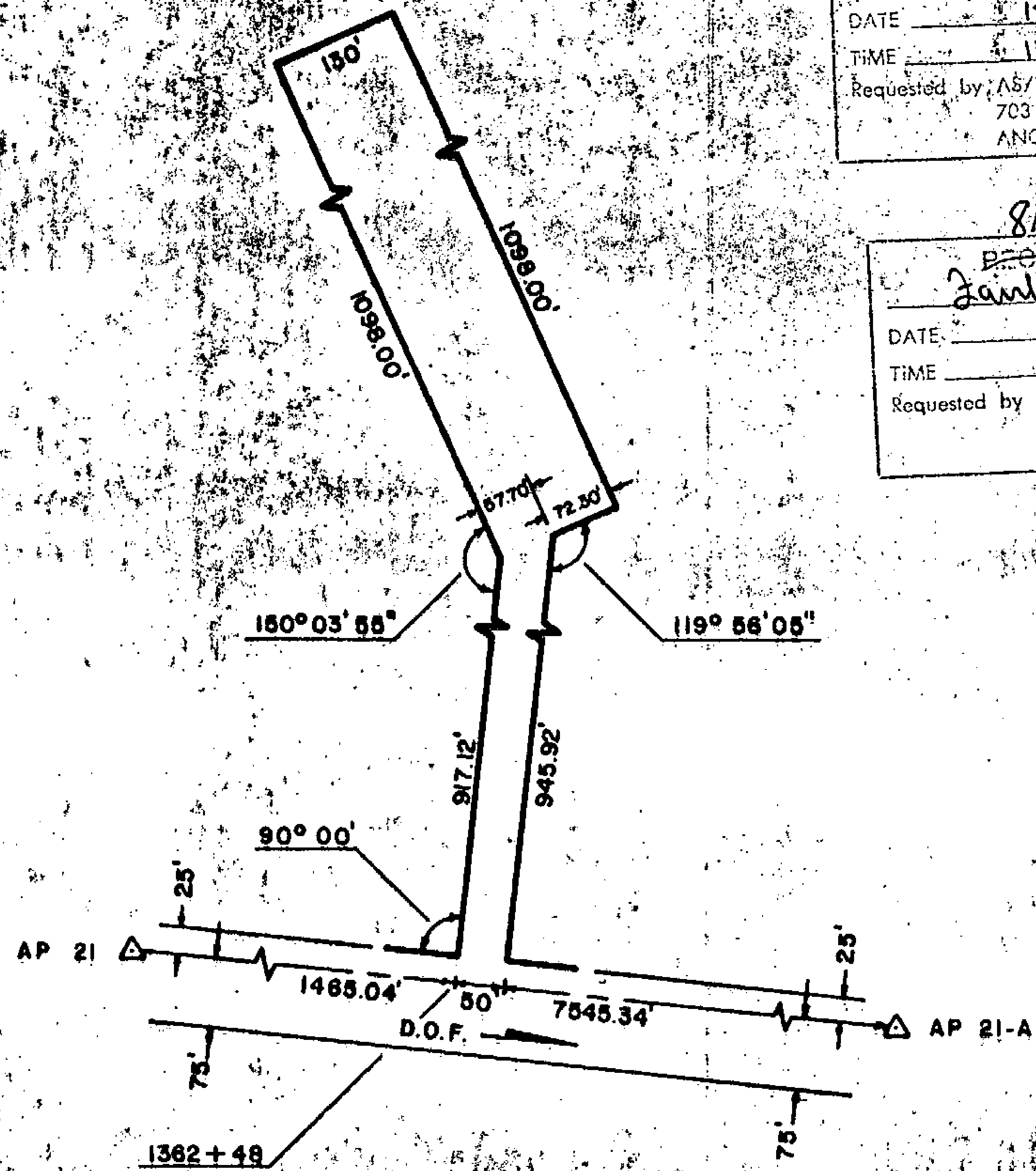
81-1
 RECORDED - FILED
 Christina
 DATE 1-12-81 REC. DIST. 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 H. Nelson
 DATE 1-7-81 REC. DIST. 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Santamba
 DATE 1-7-81 REC. DIST. 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Rampant
 DATE 1-7-81 REC. DIST. 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
STATION 1307 + 40
 FIELD BOOK 170-122, PAGE 1
 SCALE: 1" = 200'
 DATE: AUG. 7, 1978



81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12-81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnum
 REC. DIST. _____
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

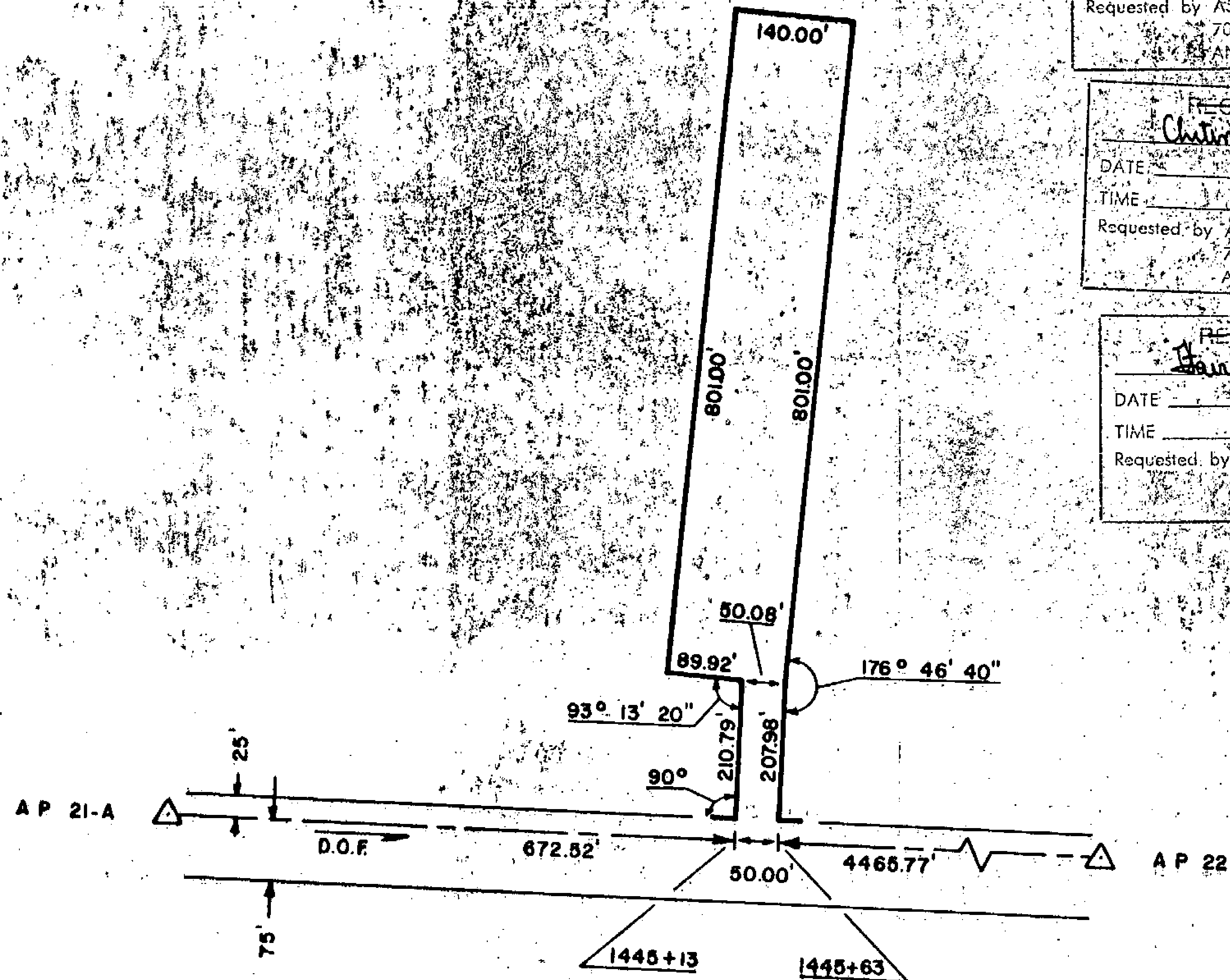
81-1
 RECORDED - FILED
Chitina
 REC. DIST. _____
 DATE 1-12-81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zamboni
 REC. DIST. _____
 DATE 1-7-81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Luban
 REC. DIST. _____
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
STATION 1362 + 48
 FIELD BOOK 170-122, PAGES 11-12
 SCALE: 1" = 200'
 DATE: AUG. 11, 1978



81-1
~~RECORDED - FILED~~
Valley REC. DIST.
DATE 1-17 1981
TIME 10:10 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Barnow REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
St. Martin REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Hankin REC. DIST.
DATE 1-7 1981
TIME 1:35 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
STATION 1445+13
FIELD BOOK 170-122, PAGE 13
SCALE: 1" = 200'
DATE: AUG. 13, 1978

81-1
 RECORDED - FILED
Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

**REVETMENT &
 SPUR DIKE 5**

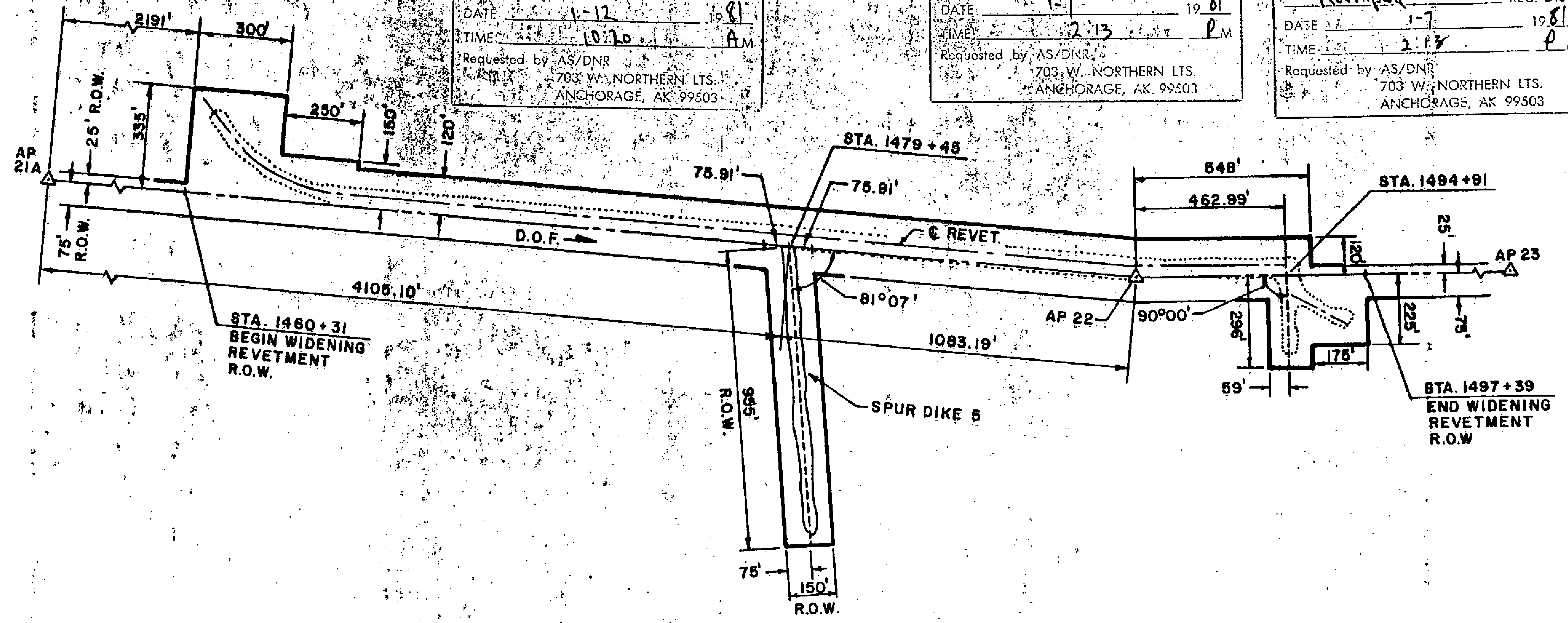
81-1
 RECORDED - FILED
Lambert REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Gabriel REC. DIST.
 DATE 1-7 1981
 TIME 2:15 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

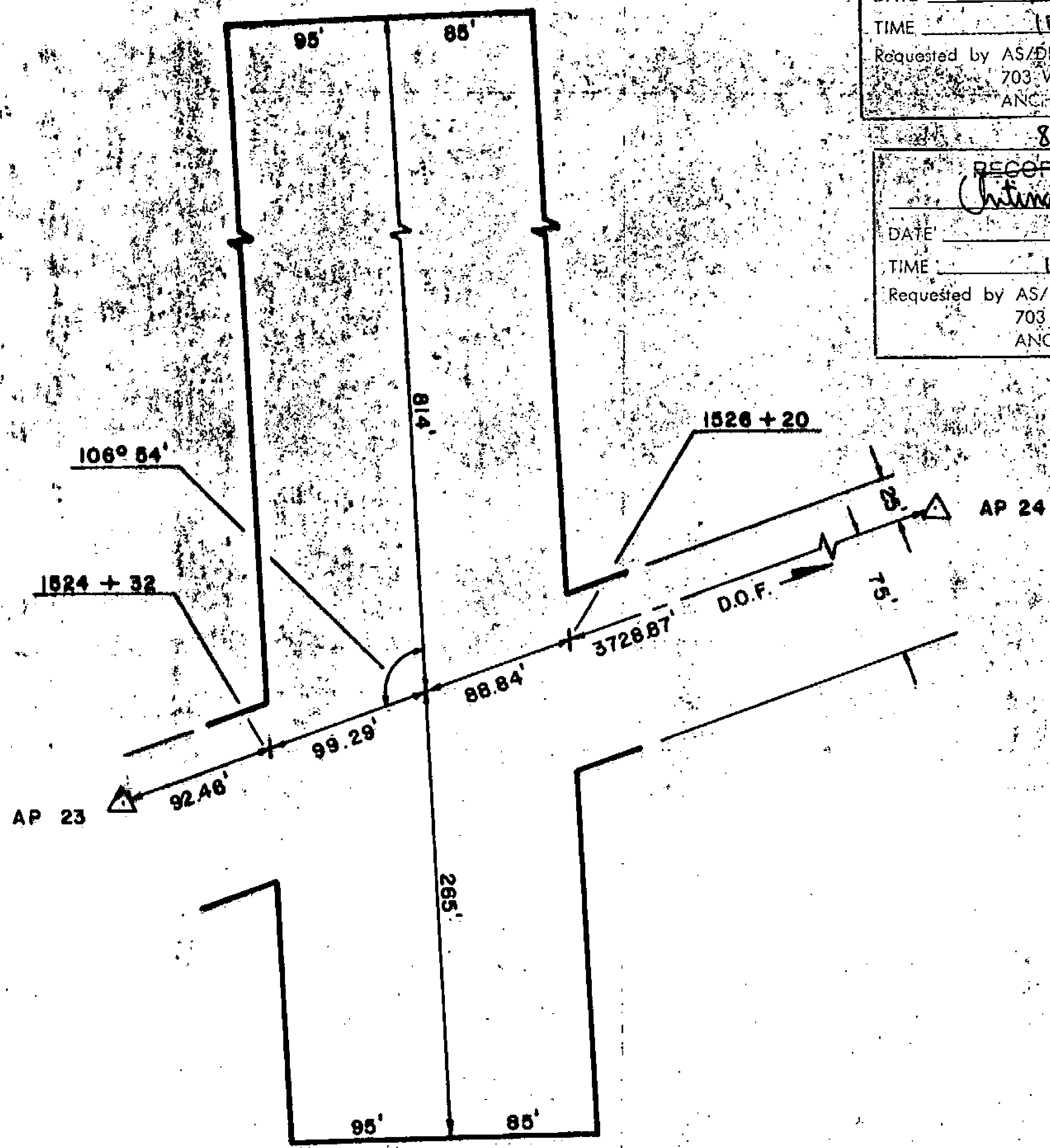
81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503



ALIGNMENT SHEET 6
STATION 1460+31
 FIELD BOOK 170-122, PAGE 14-16
 SCALE: 1" = 400'
 DATE: AUG. 13, 1978

30



81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

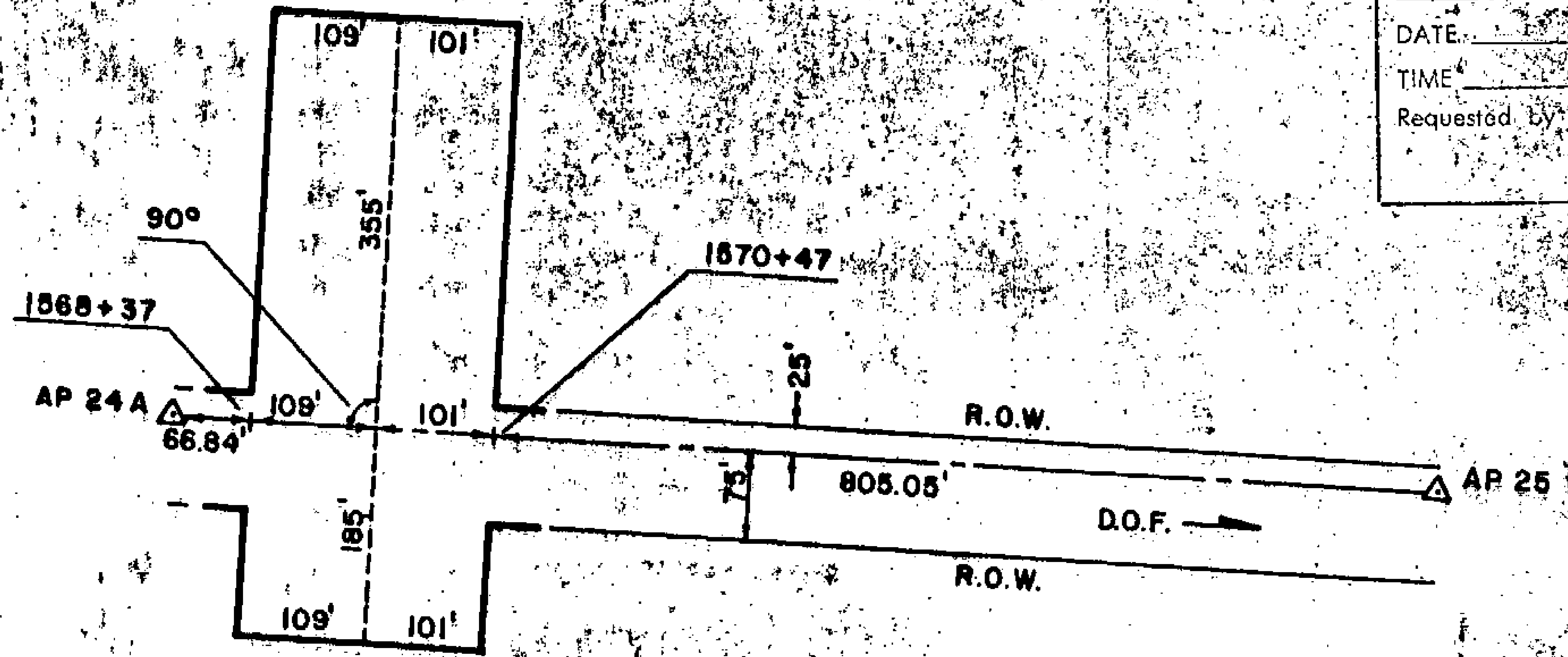
81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Lukes
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Laurie
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
STATION 1524+32
SPUR DIKE 4
FIELD BOOK 170-122, PAGE 17
SCALE: 1" = 100'
DATE: AUG. 14, 1978



81-1
~~RECORDED - FILED~~
Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Barnhart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

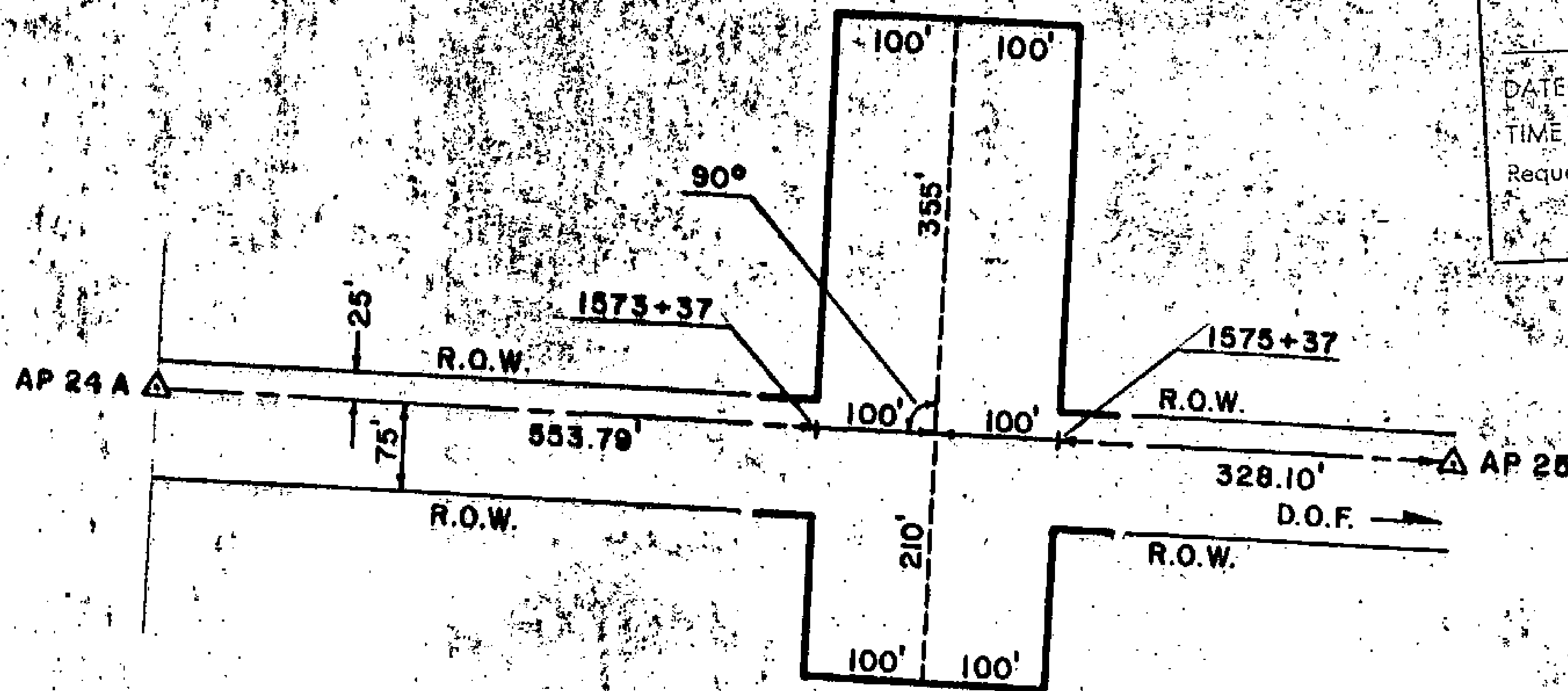
81-1
~~RECORDED - FILED~~
Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
St. Dubois REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Barnhart REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Barnhart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
STATION 1568+37
SPUR DIKE 3
FIELD BOOK 170-121, PAGE 36
SCALE: 1" = 200'
DATE: AUG. 14, 1978



81-1
 RECORDED - FILED
Vuldy
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Sullivan
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

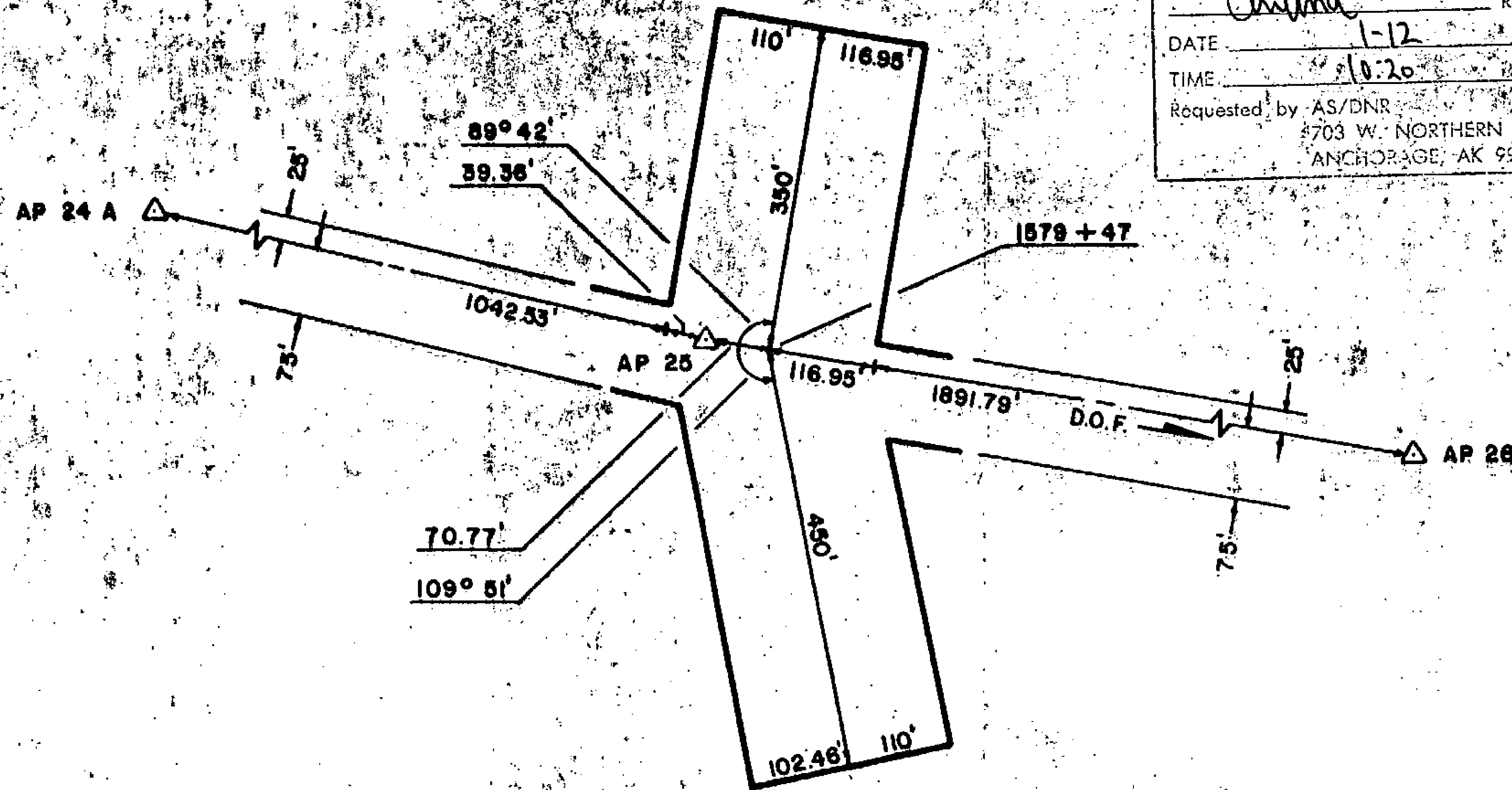
81-1
 RECORDED - FILED
Chitina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fairbanks
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barrow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
STATION 1573+37
SPUR DIKE 2
FIELD BOOK 170-121, PAGE 37
SCALE: 1" = 200'
DATE: AUG. 14, 1978



81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Rumpant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

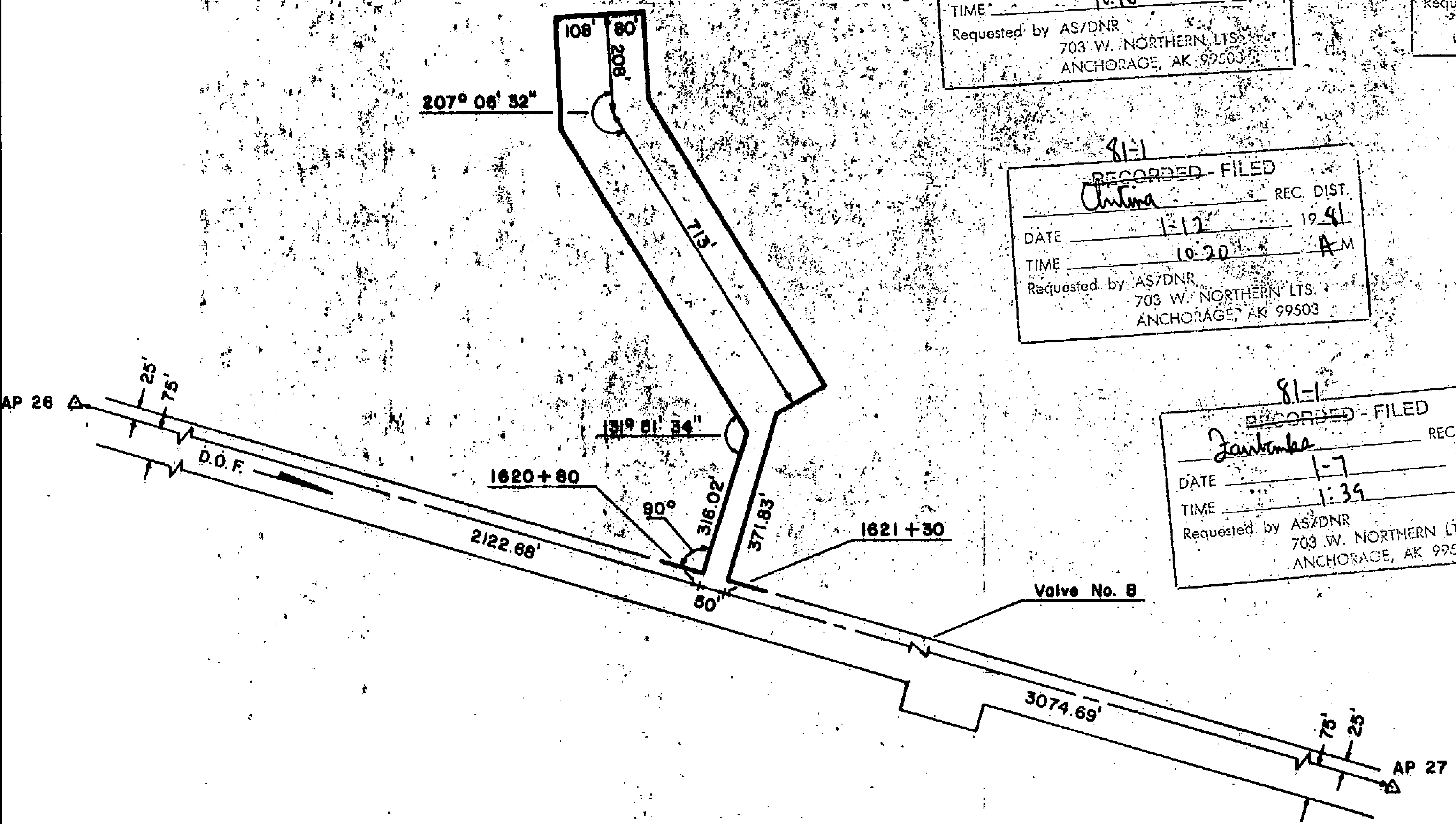
81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Subron REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lambert REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

~~RECORDED - FILED~~
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
STATION 1578 + 37
SPUR DIKE 1
FIELD BOOK 170 - 121, PAGE 38
SCALE: 1" = 200'
DATE: AUG. 17, 1978



81-1
 RECORDED - FILED
Vally
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Gibson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

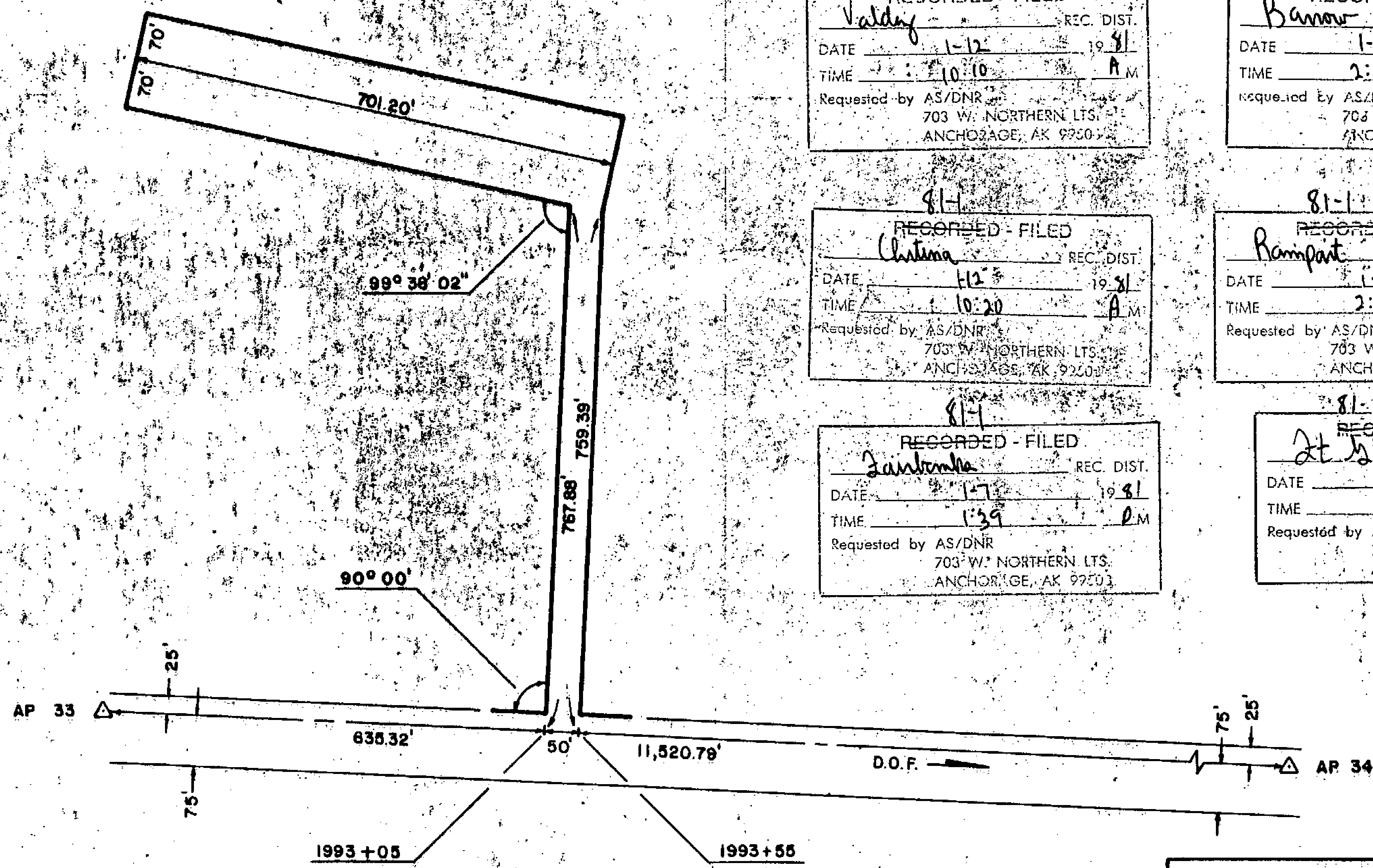
81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jambaka
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banan
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 7
STATION 1620 + 80
CHANNEL PLUG 3
FIELD BOOK 170-121, PAGES 39-41
SCALE: 1" = 300'
DATE: AUG. 14, 1978



81-1
 RECORDED - FILED
 Valdy REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Barrow REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

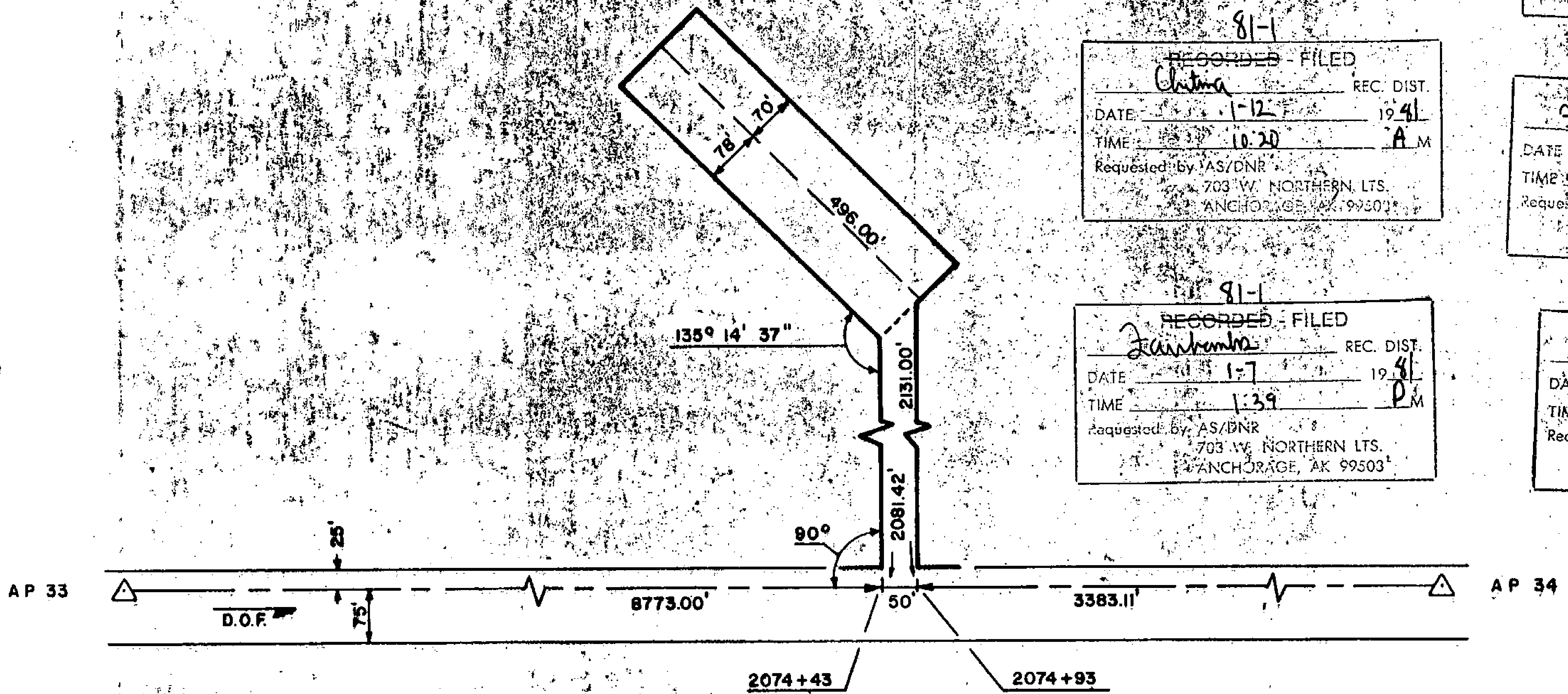
81-1
 RECORDED - FILED
 Christina REC. DIST.
 DATE 1-2 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Zambomba REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 St. Sabin REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 8
STATION 1993 + 05
 FIELD BOOK 170-122, PAGES 21-24
 SCALE: 1" = 200'
 DATE: AUG. 15, 1978



81-1
 RECORDED - FILED
Valdy
 DATE 1-12-81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barrow
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

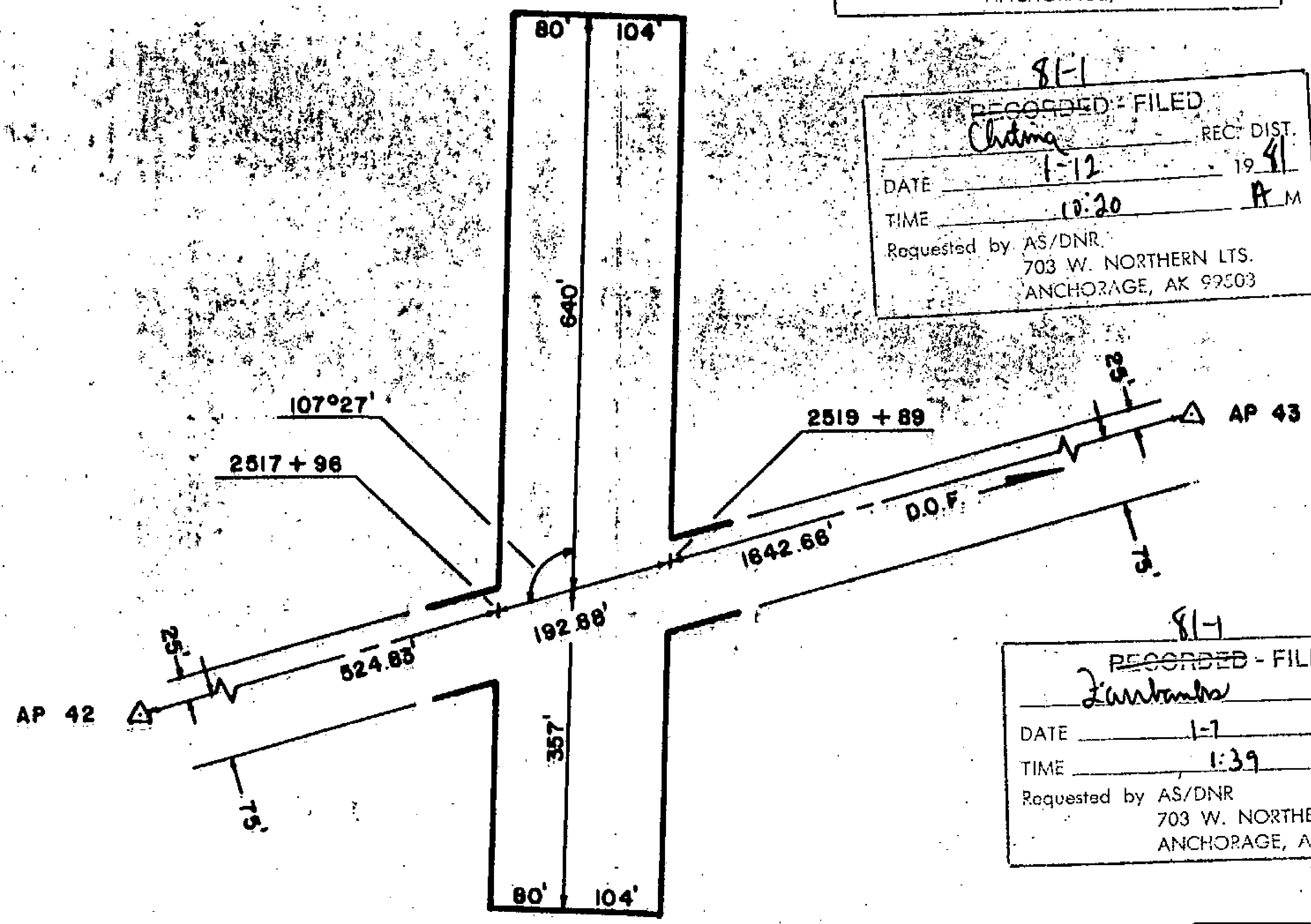
81-1
 RECORDED - FILED
Christina
 DATE 1-12-81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Dalton
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Juan Humberto
 DATE 1-7-81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 8
STATION 2074 + 43
 FIELD BOOK 170 - 122, PAGES 25 - 28
 SCALE: 1" = 200'
 DATE: AUG. 15, 1978



81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Salmon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

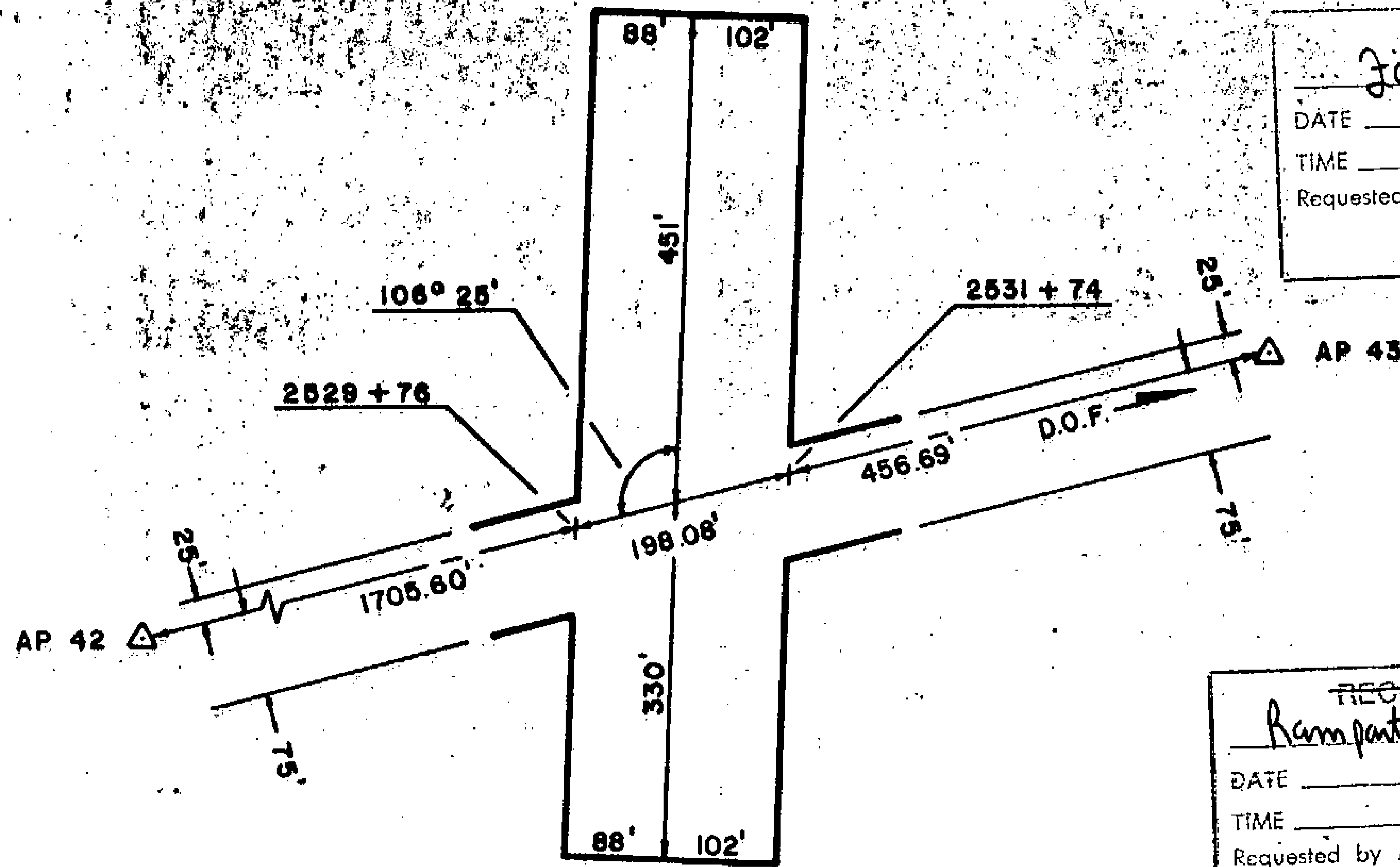
81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bennor
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lambert
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 9
STATION 2517+96
SPUR DIKE 5
FIELD BOOK 170-121, PAGE 43
SCALE: 1"=200'
DATE: AUG. 14, 1978



81-1

~~RECORDED - FILED~~

Vaddy REC. DIST. _____

DATE 1-12 1981

TIME 10:10 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Chitima REC. DIST. _____

DATE 1-12 1981

TIME 10:20 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Jankins REC. DIST. _____

DATE 1-7 1981

TIME 1:39 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Bannon REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Rampant REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

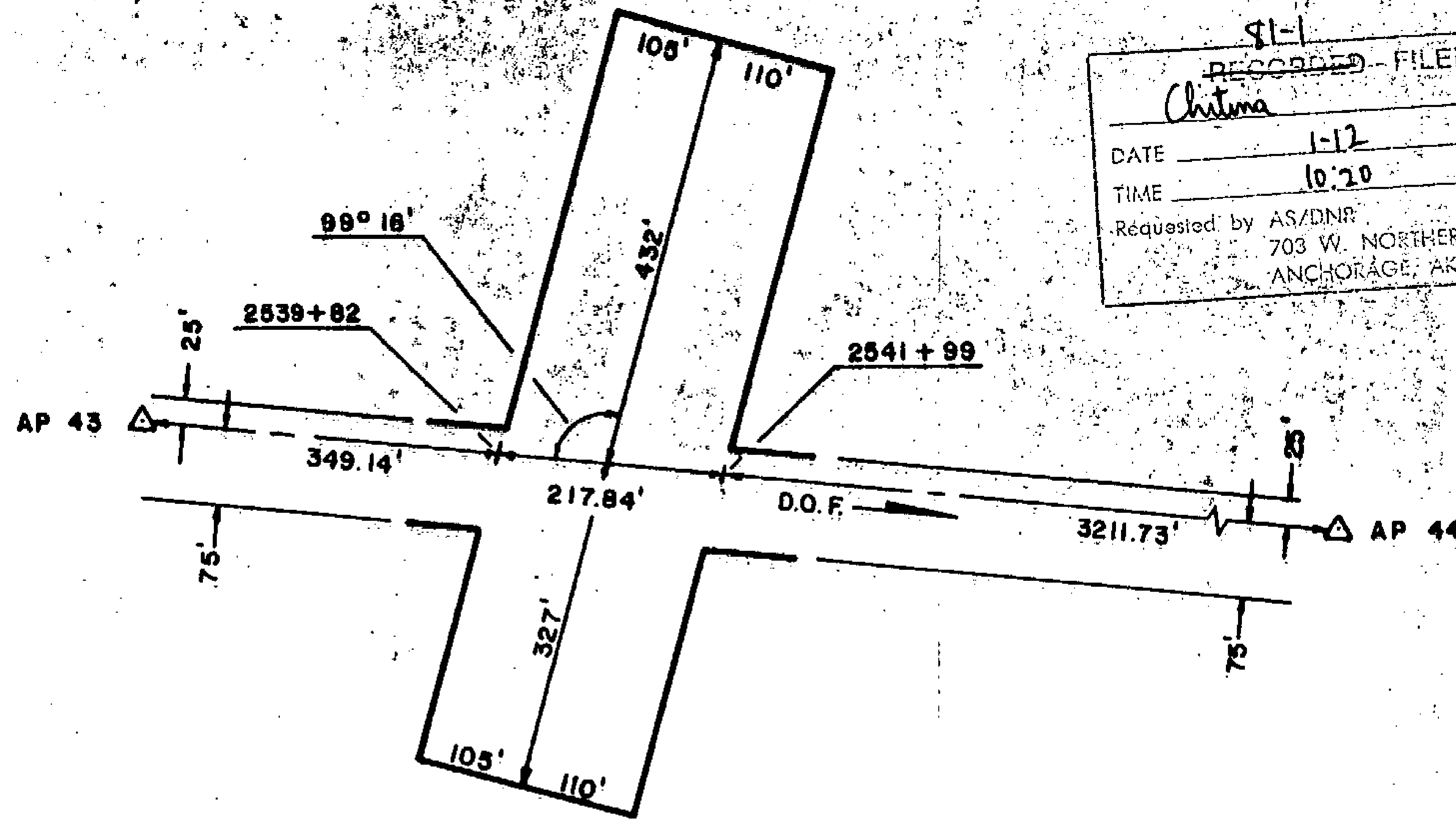
St. Dubon REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 10
STATION 2529+76
SPUR DIKE 4
FIELD BOOK 170-121, PAGE 44
SCALE: 1" = 200'
DATE: AUG. 15, 1978



81-1

~~RECORDED - FILED~~

Valdny REC. DIST.

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Hilton REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Chitima REC. DIST.

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Rampart REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Zambra REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

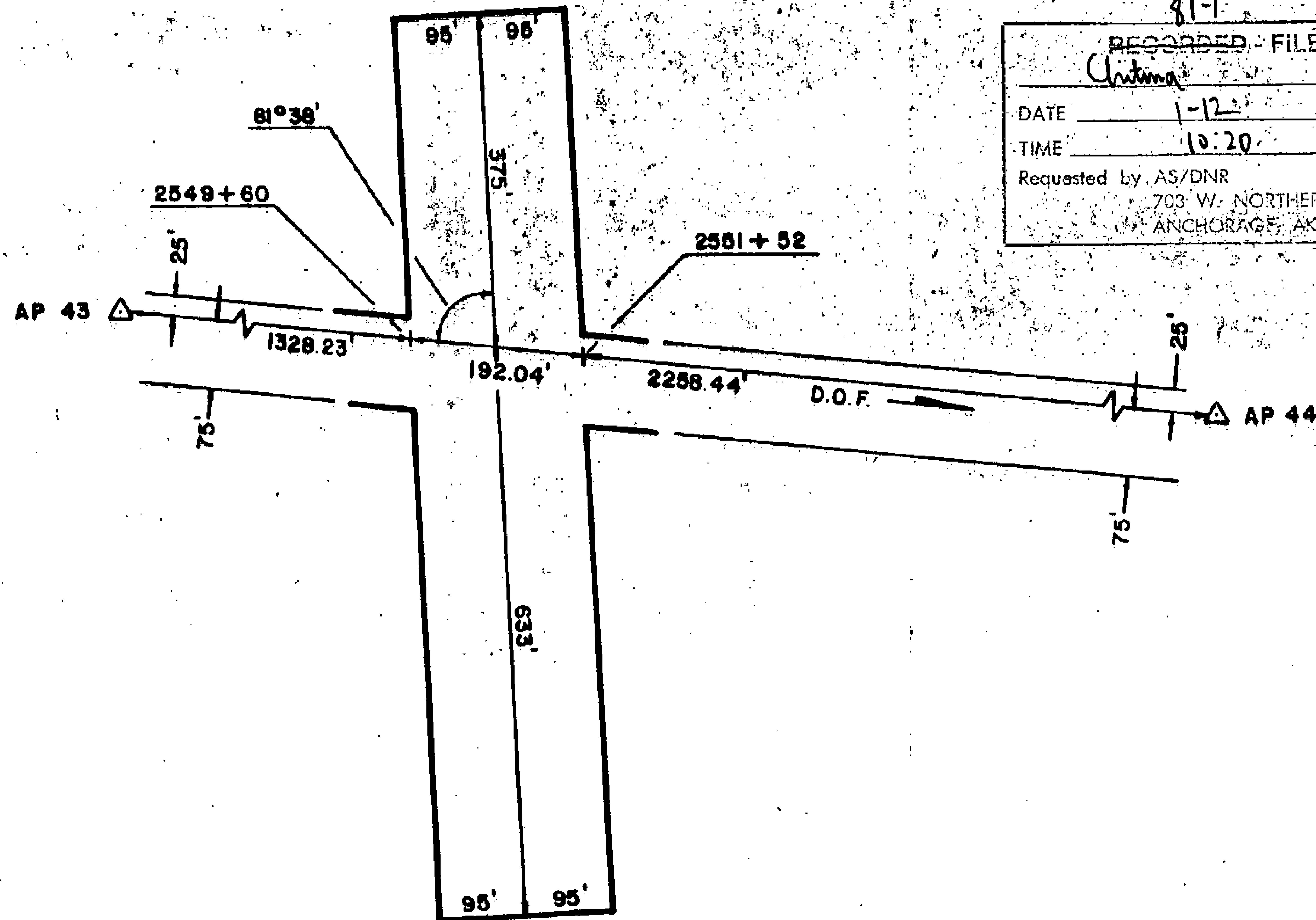
Banner REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 10
STATION 2539+82
 SPUR DIKE 3
 FIELD BOOK 170-121, PAGE 38
 SCALE: 1"=200'
 DATE: AUG. 14, 1978



81-1

~~RECORDED - FILED~~

Valley REC. DIST.

DATE 1-12 19 81

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Rampart REC. DIST.

DATE 1-7 19 81

TIME 2:12 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Chitna REC. DIST.

DATE 1-12 19 81

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

St. Seltva REC. DIST.

DATE 1-7 19 81

TIME 2:12 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Sainbrakes REC. DIST.

DATE 1-7 19 81

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

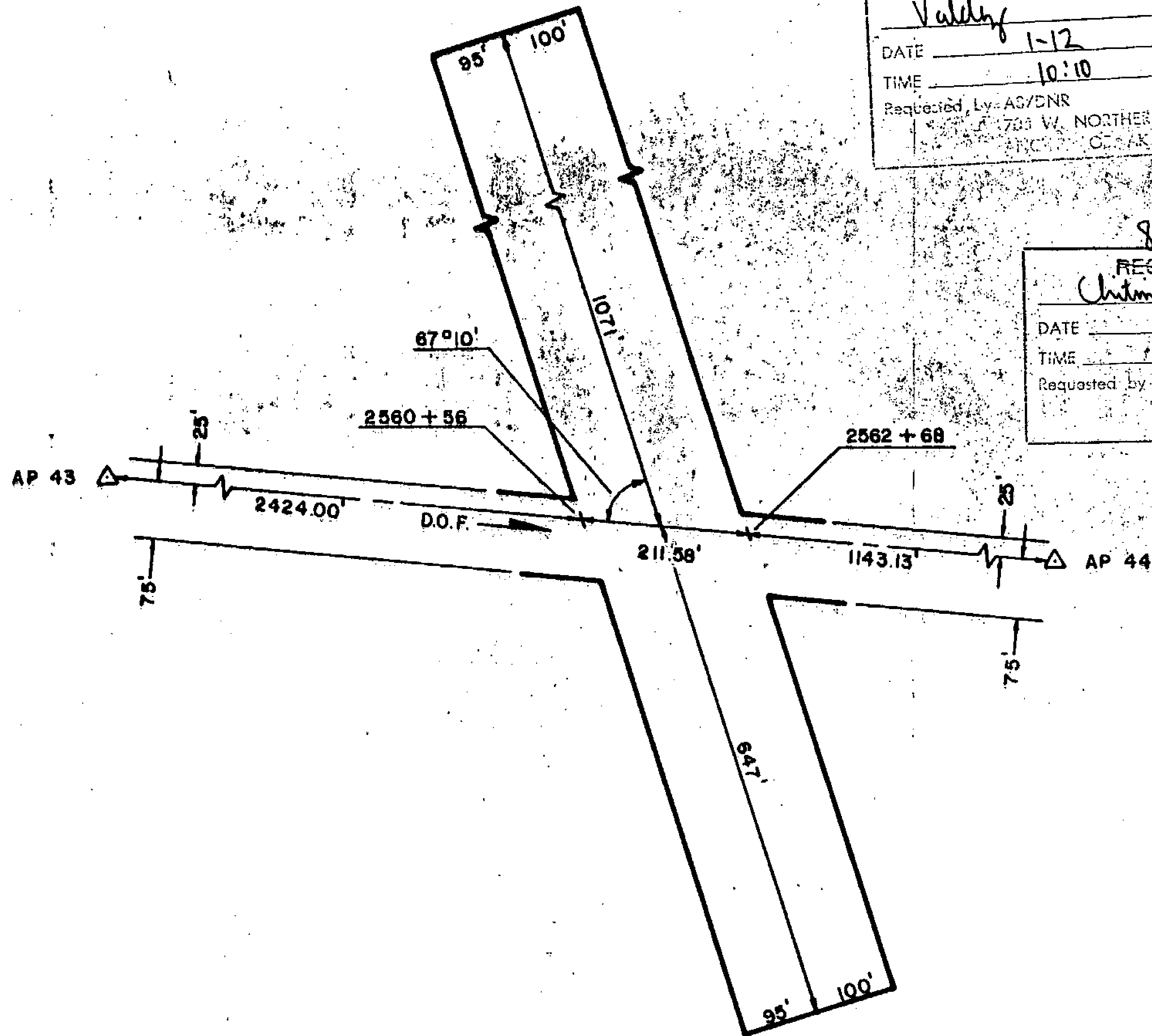
Bannon REC. DIST.

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 10
STATION 2549+60
SPUR DIKE 2
FIELD BOOK 170-121, PAGE 39
SCALE: 1" = 200'
DATE: AUG. 14, 1978



81-1
~~RECORDED - FILED~~
Valley REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
H. Hudson REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

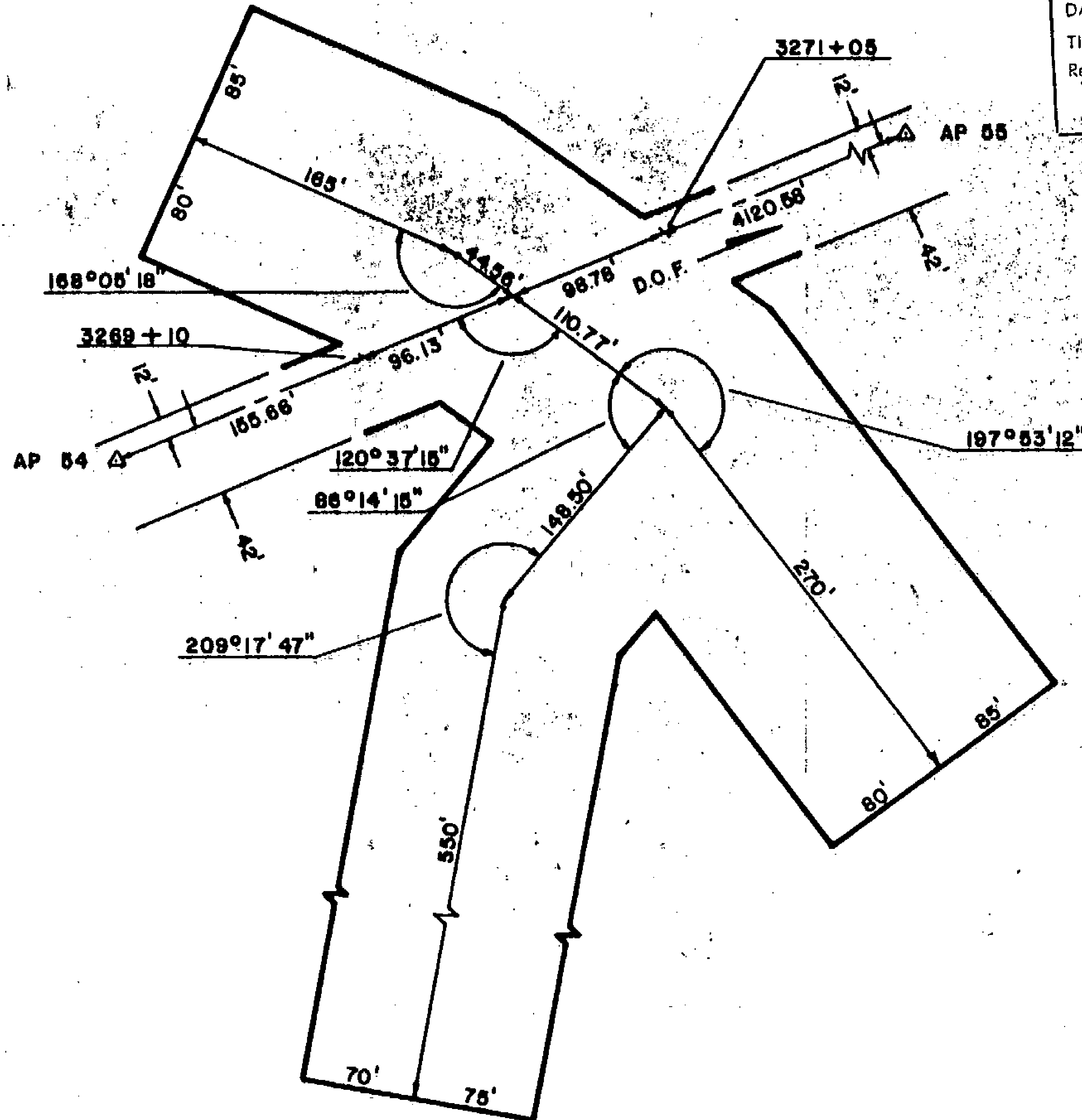
81-1
~~RECORDED - FILED~~
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Fairbanks REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Banner REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 10
STATION 2560+56
 SPUR DIKE I
 FIELD BOOK 170-121, PAGE 40
 SCALE: 1" = 200'
 DATE: AUG. 14, 1978



81-1
 RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Dublon
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:17 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

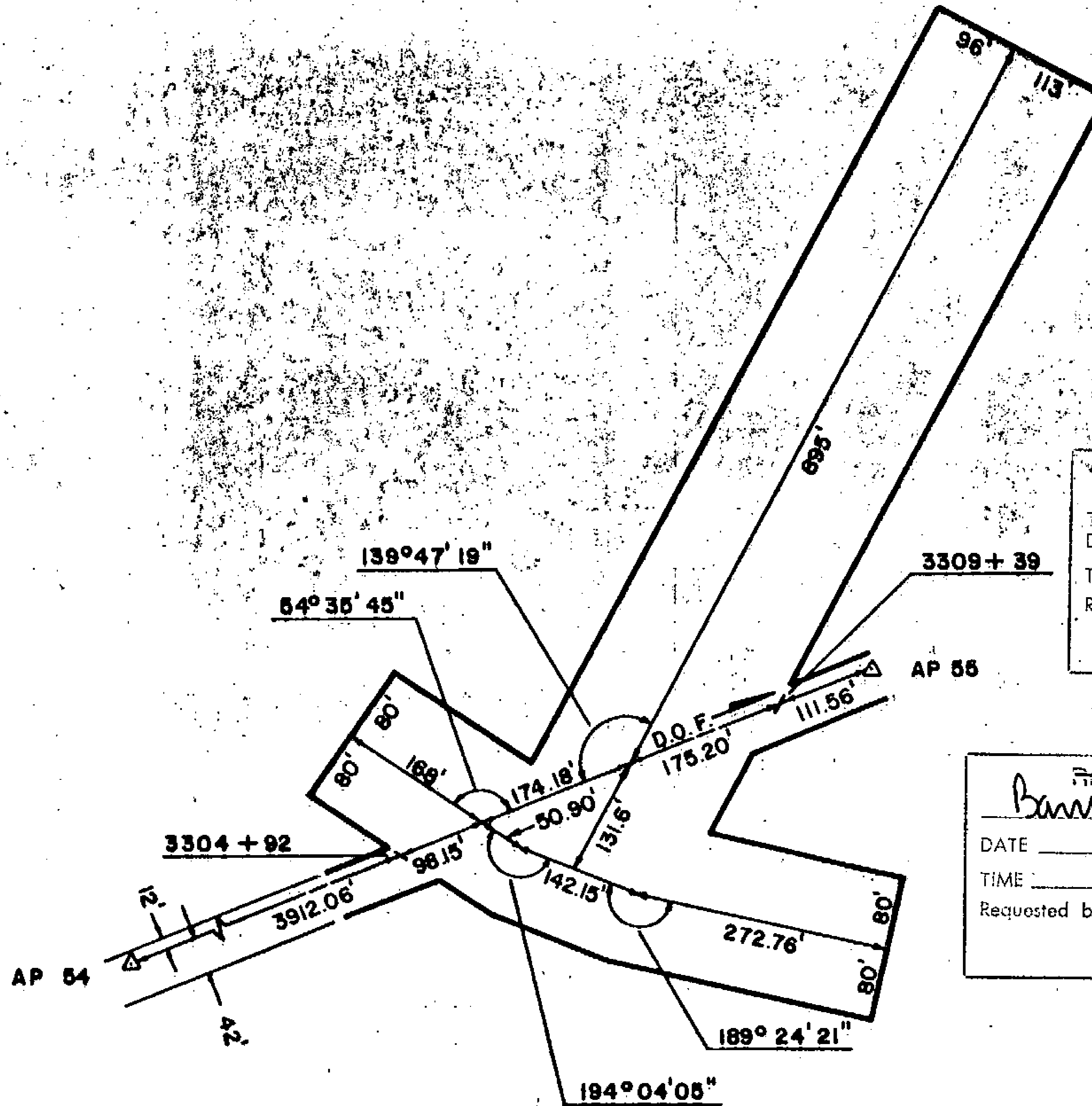
81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rumpant
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jankovik
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 12
STATION 3269+10
SPUR DIKE 2
 FIELD BOOK 170-122, PAGES 39-45
 SCALE: 1" = 100'
 DATE: AUG. 17, 1978



81-1

~~RECORDED - FILED~~

Valdy REC. DIST. _____

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Christina REC. DIST. _____

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Zarlanita REC. DIST. _____

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Rampart REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Bannon REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1 81-1

~~RECORDED - FILED~~

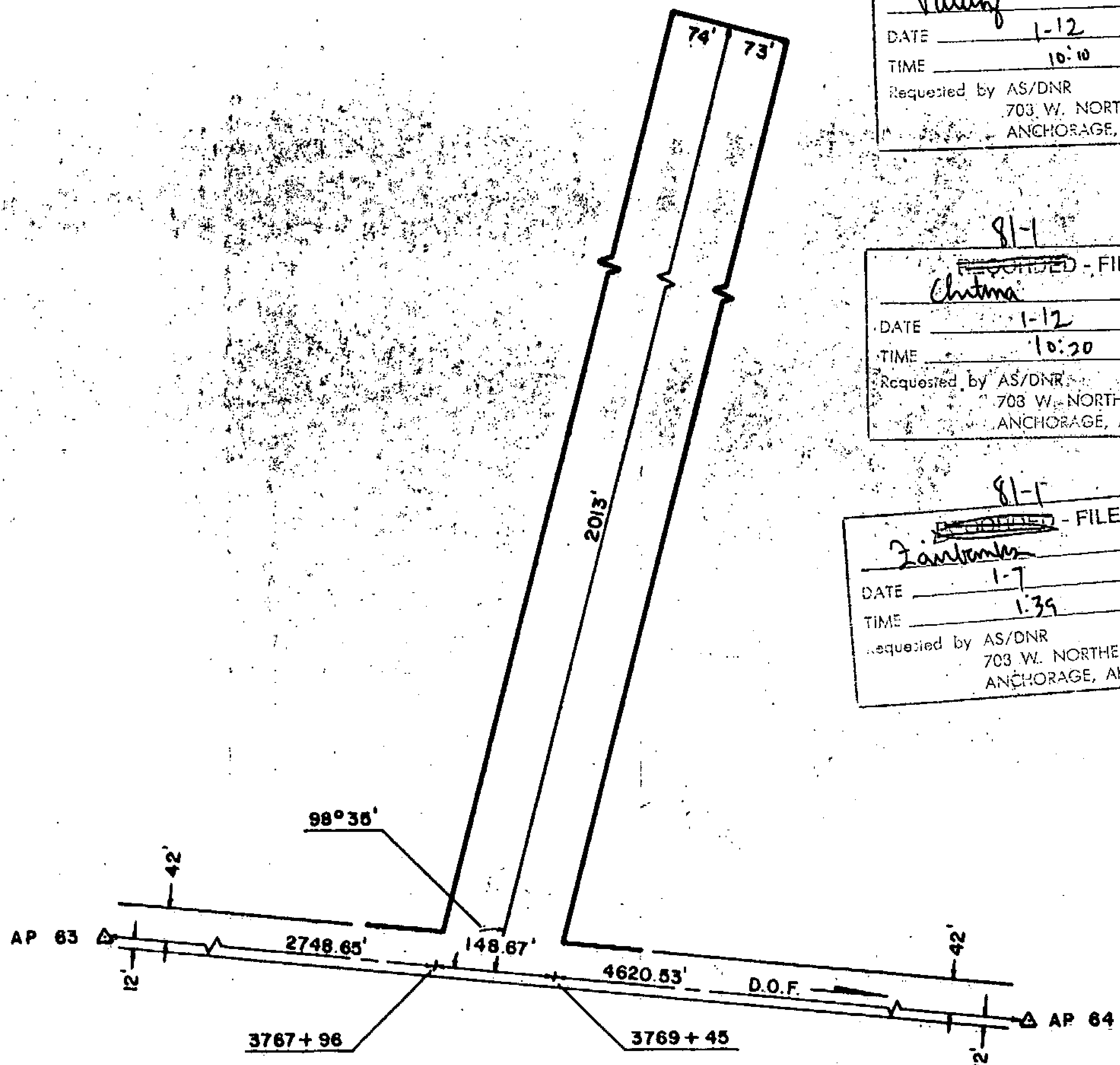
A. D. S. H. REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 12
STATION 3304 +92
SPUR DIKE 1
FIELD BOOK 170-121, PAGES 48-51
SCALE: 1" = 200'
DATE: AUG. 18, 1978



81-1

~~RECORDED - FILED~~

Valdy REC. DIST. _____

DATE 1-12 1981

TIME 10:10 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

A. Sutton REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Christina REC. DIST. _____

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Ram part REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Zantony REC. DIST. _____

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

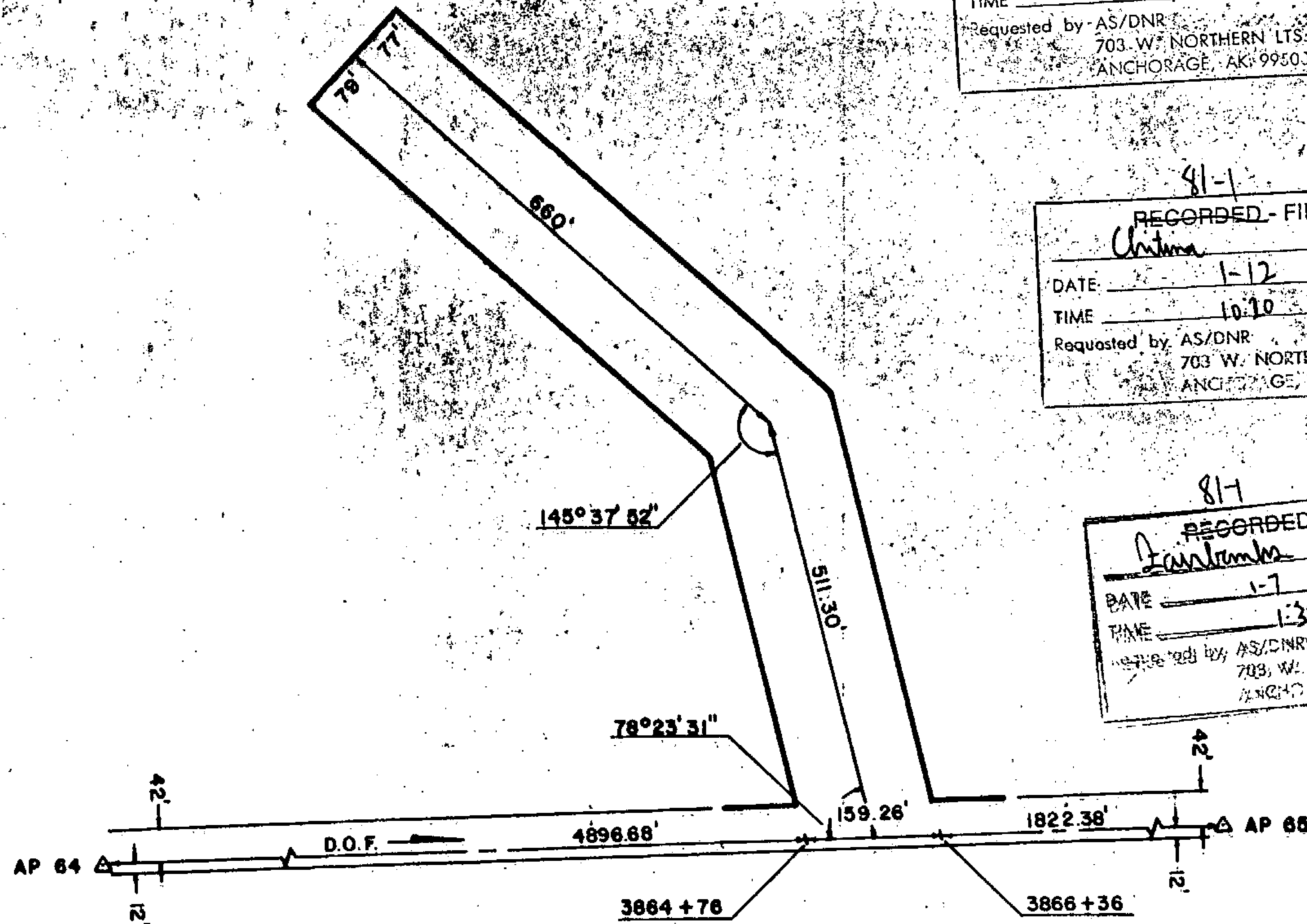
Banner REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 14
STATION 3767 + 96
CHANNEL PLUG 5
 FIELD BOOK 170-121, PAGES 41-42
 SCALE: 1" = 200'
 DATE: AUG. 16, 1978



81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:15 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

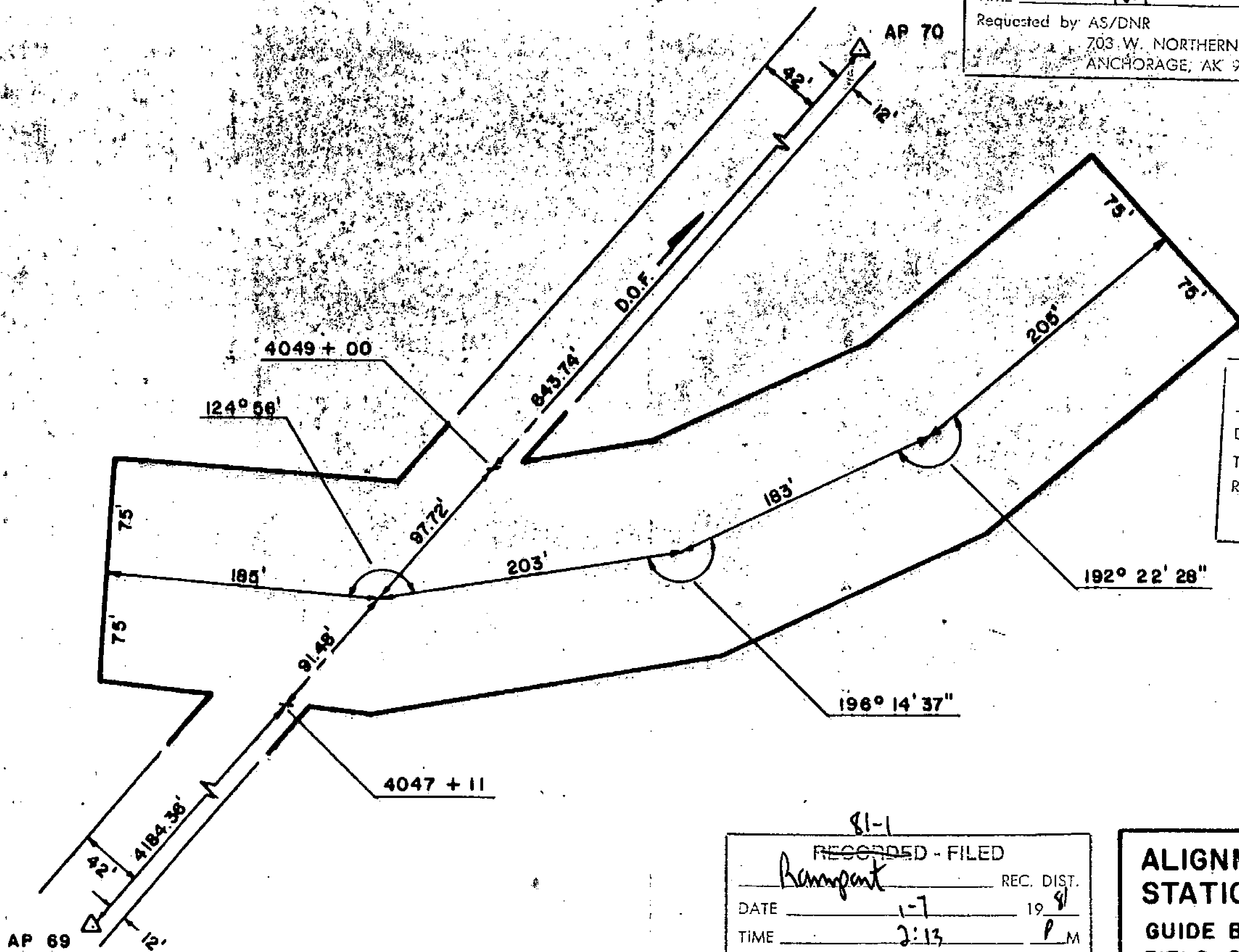
81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Nicholas REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Laurie REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 14
STATION 3864 +76
 CHANNEL PLUG 1
 FIELD BOOK 170-121, PAGES 45-47
 SCALE: 1" = 200'
 DATE: AUG. 17, 1978



81-1
 RECORDED - FILED
Valdery
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Gibson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

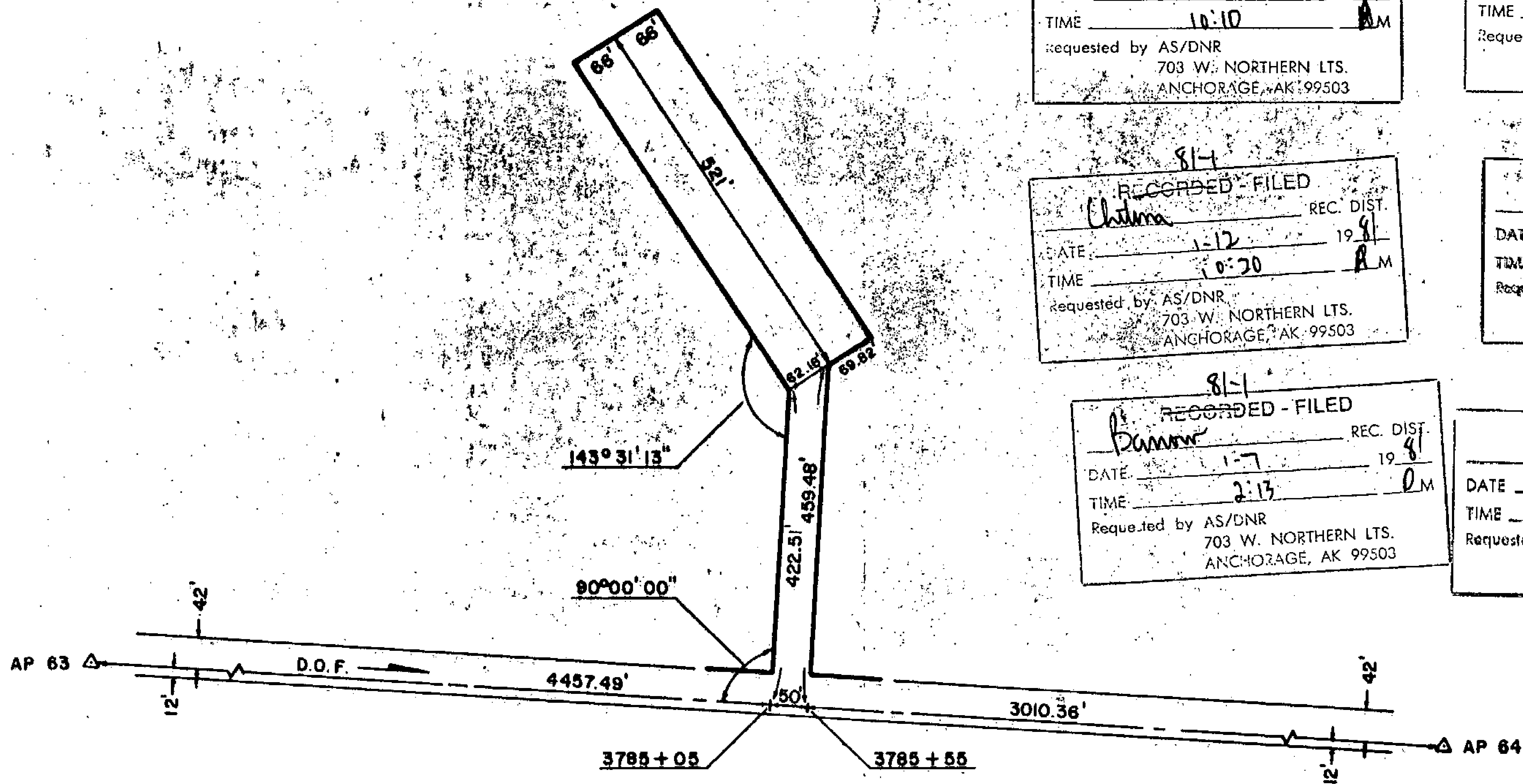
81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zainab
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnes
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Benjamin
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 15
STATION 4047+11
 GUIDE BANK No. 1
 FIELD BOOK 170-122, PAGES 9-10
 SCALE: 1" = 100'
 DATE: AUG. 12, 1978



81-1

RECORDED - FILED

Valdez REC. DIST. _____

DATE 1-12 19 81

TIME 10:10 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

A. Nelson REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 19 81

TIME 10:20 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Funkhouser REC. DIST. _____

DATE 1-7 19 81

TIME 1:39 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Bannon REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

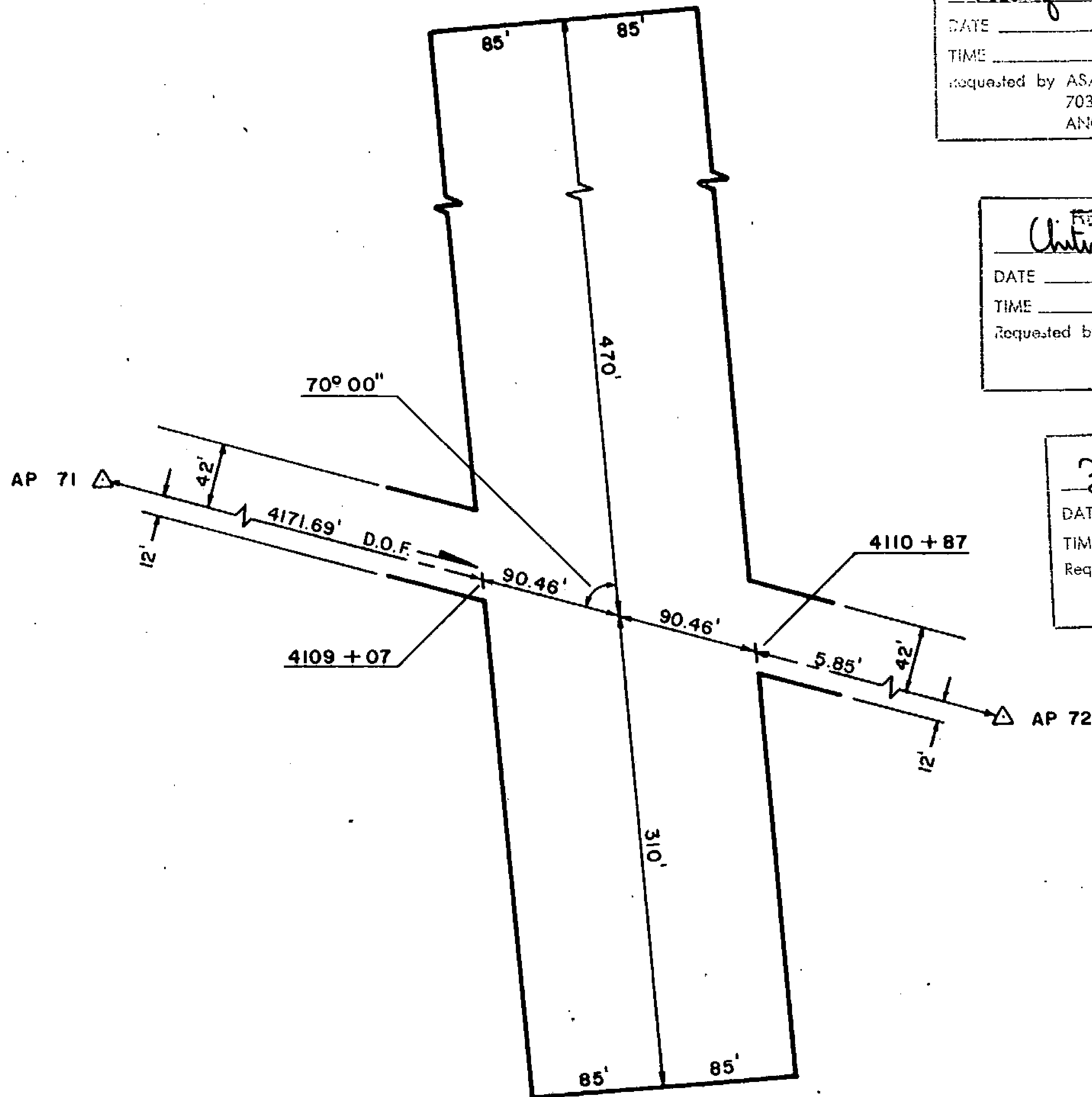
Rampart REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 14
STATION 3785 + 05
CHANNEL PLUG 4
 FIELD BOOK 170-121, PAGES 42-43
 SCALE: 1" = 200'
 DATE: AUG. 16, 1978



81-1
~~RECORDED - FILED~~
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
H. Sutton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

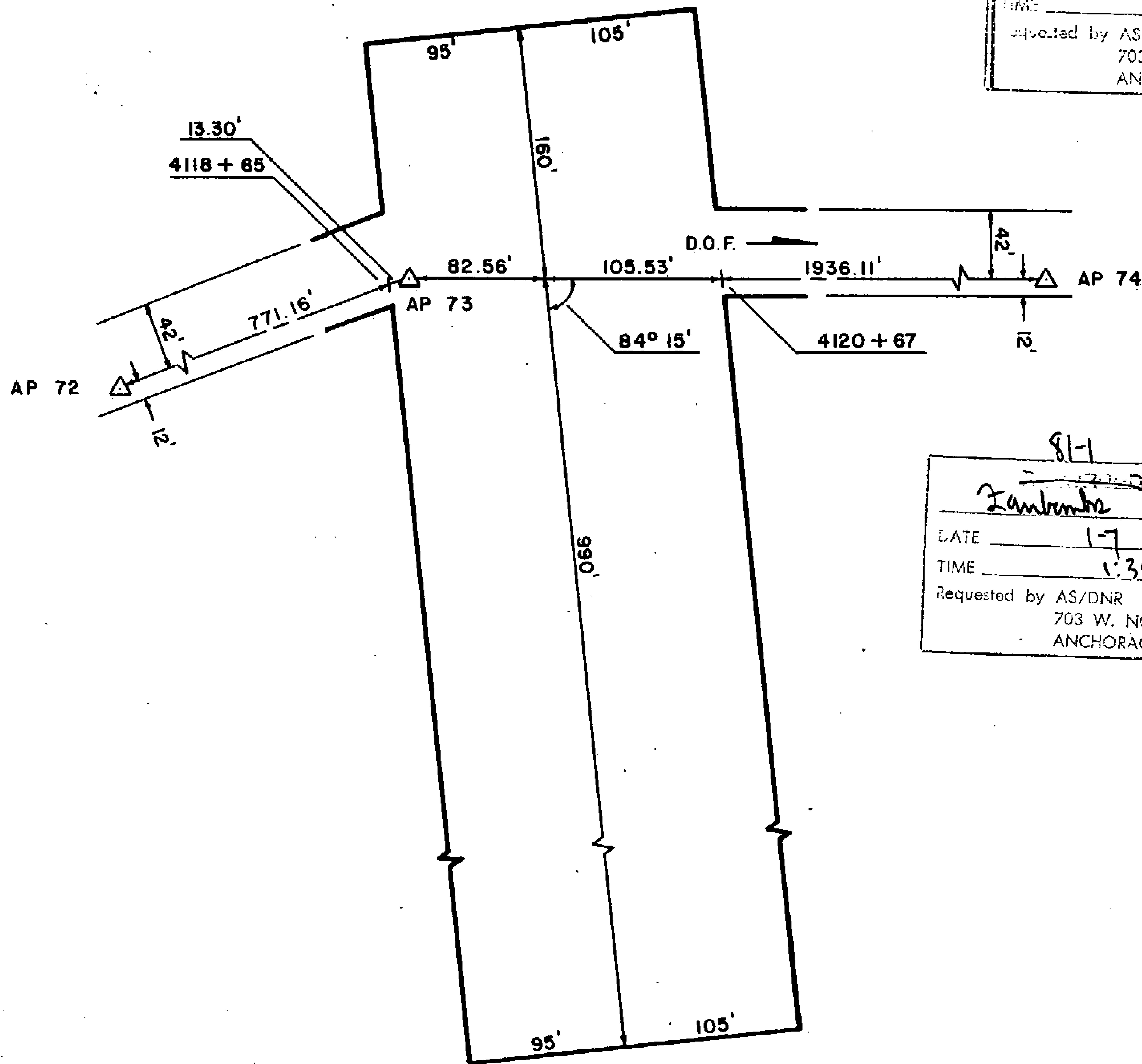
81-1
~~RECORDED - FILED~~
Chutina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Zankowsky REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 15
STATION 4109+07
 SPUR DIKE 9
 FIELD BOOK 170-122, PAGE 6
 SCALE: 1" = 100'
 DATE: AUG. 9, 1978



81-1
~~RECORDED - FILED~~
Vulchay
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
A. Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

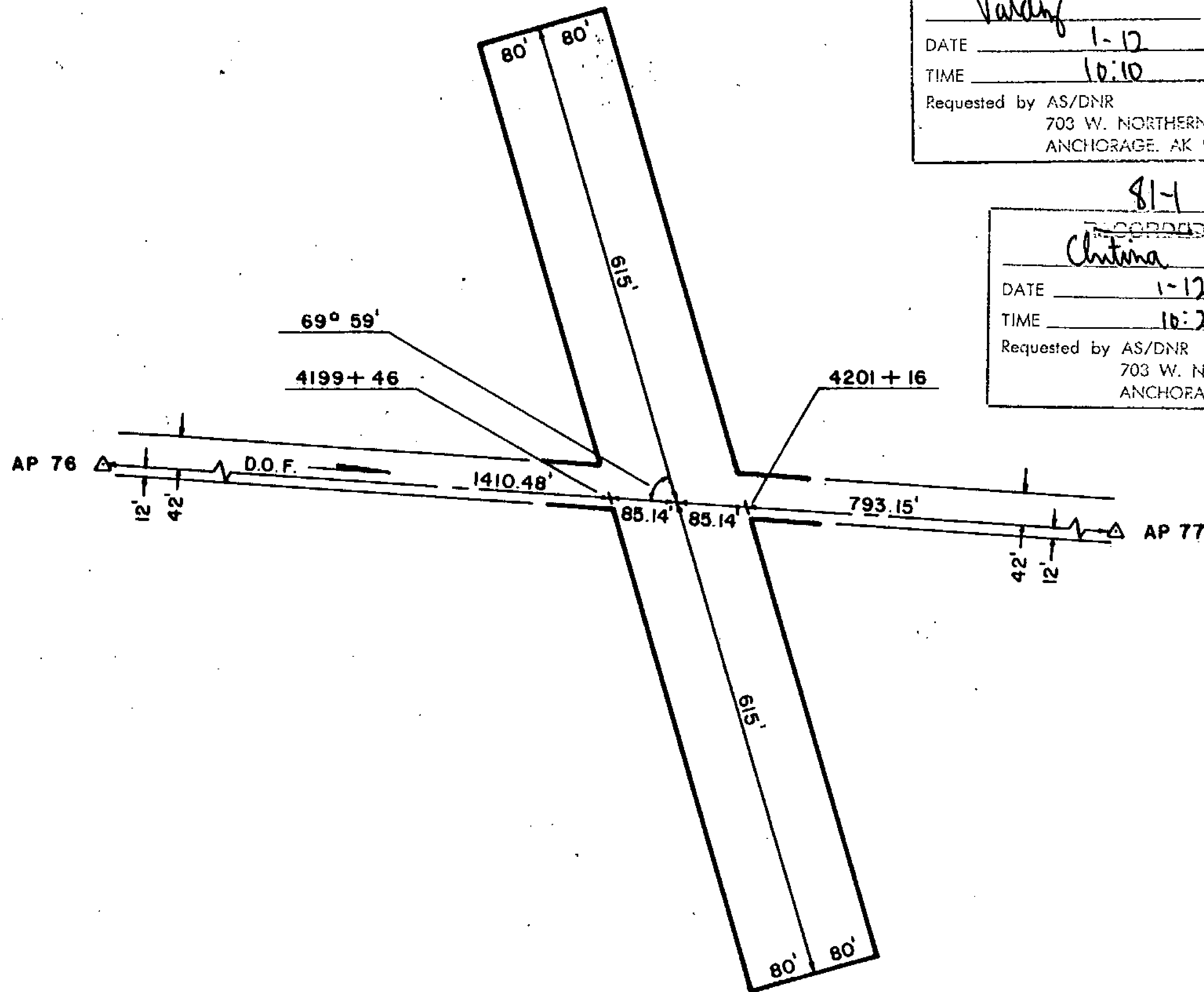
81-1
~~RECORDED - FILED~~
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Lambert
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 15
STATION 4118 + 65
SPUR DIKE 8
FIELD BOOK 170-122, PAGE 5
SCALE: 1" = 100'
DATE: AUG. 9, 1978



81-1

~~RECORDED - FILED~~

Valdy REC. DIST.

DATE 1-12 19 81

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Rampart REC. DIST.

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Chitina REC. DIST.

DATE 1-12 19 81

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

St. John REC. DIST.

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

Zambardo REC. DIST.

DATE 1-7 19 81

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~

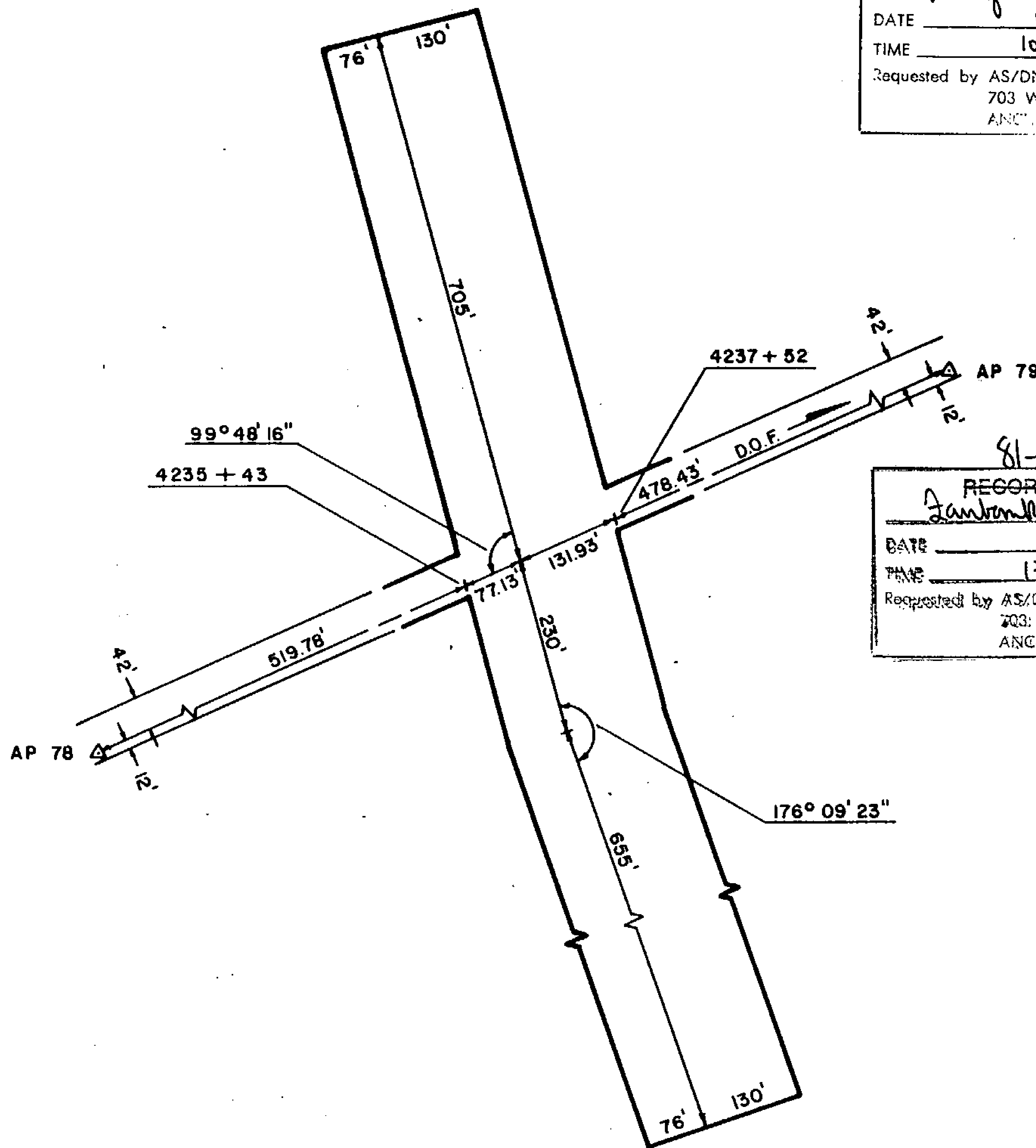
Bannon REC. DIST.

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 15
STATION 4199+46
SPUR DIKE 4
FIELD BOOK 170-121, PAGE 13
SCALE: 1" = 200'
DATE: AUG. 9, 1978



81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Al Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 11:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Lambert REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 15
STATION 4235+43
SPUR DIKE 2
 FIELD BOOK 170-121, PAGES 15-17, 24-26
 SCALE: 1" = 200'
 DATE: AUG. 10, 1978

81-1
 RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-72 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

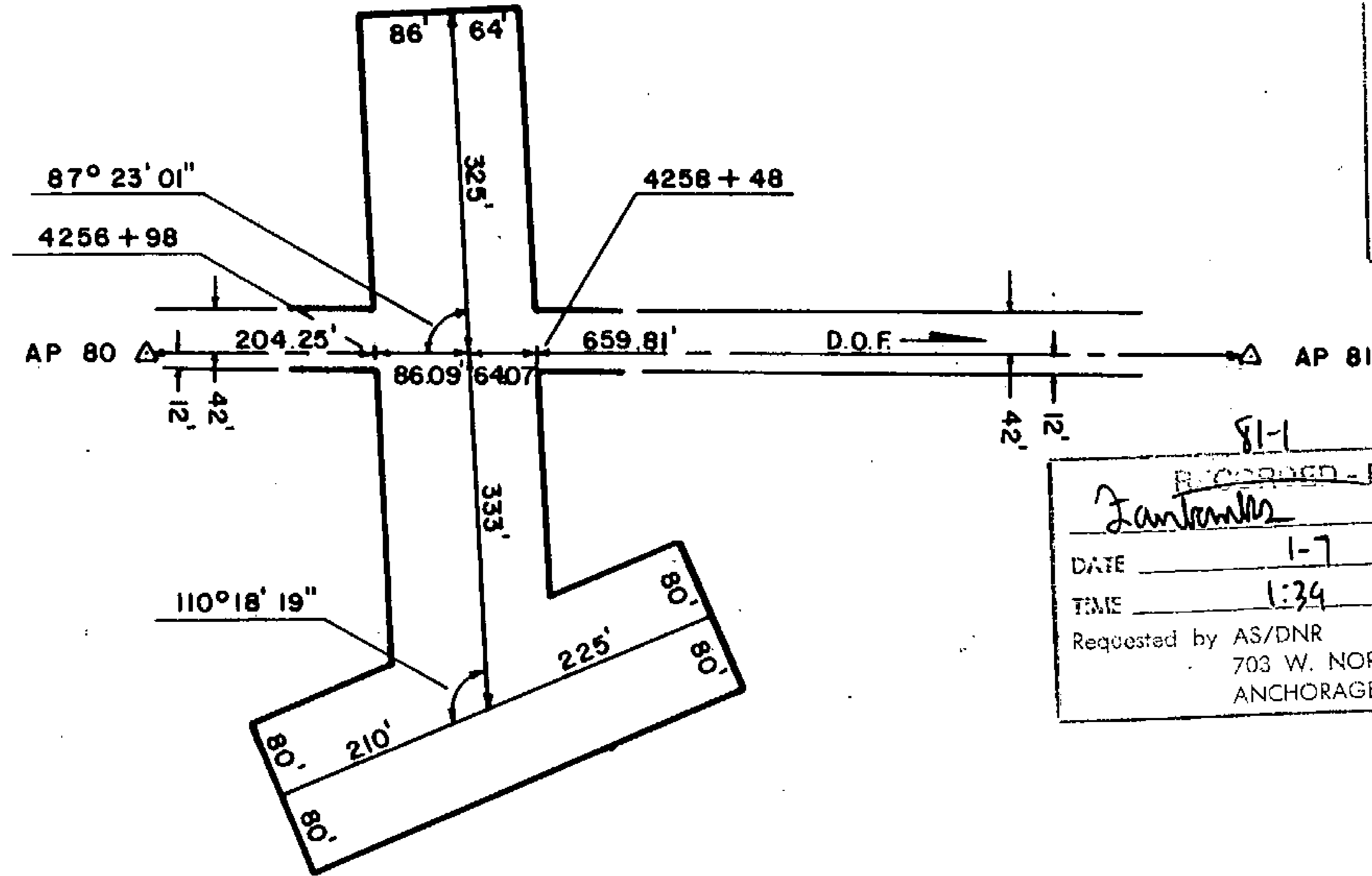
81-1
 RECORDED - FILED
JA Gordon
 REC. DIST. _____
 DATE 17 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitina
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lantamb
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 1:34 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

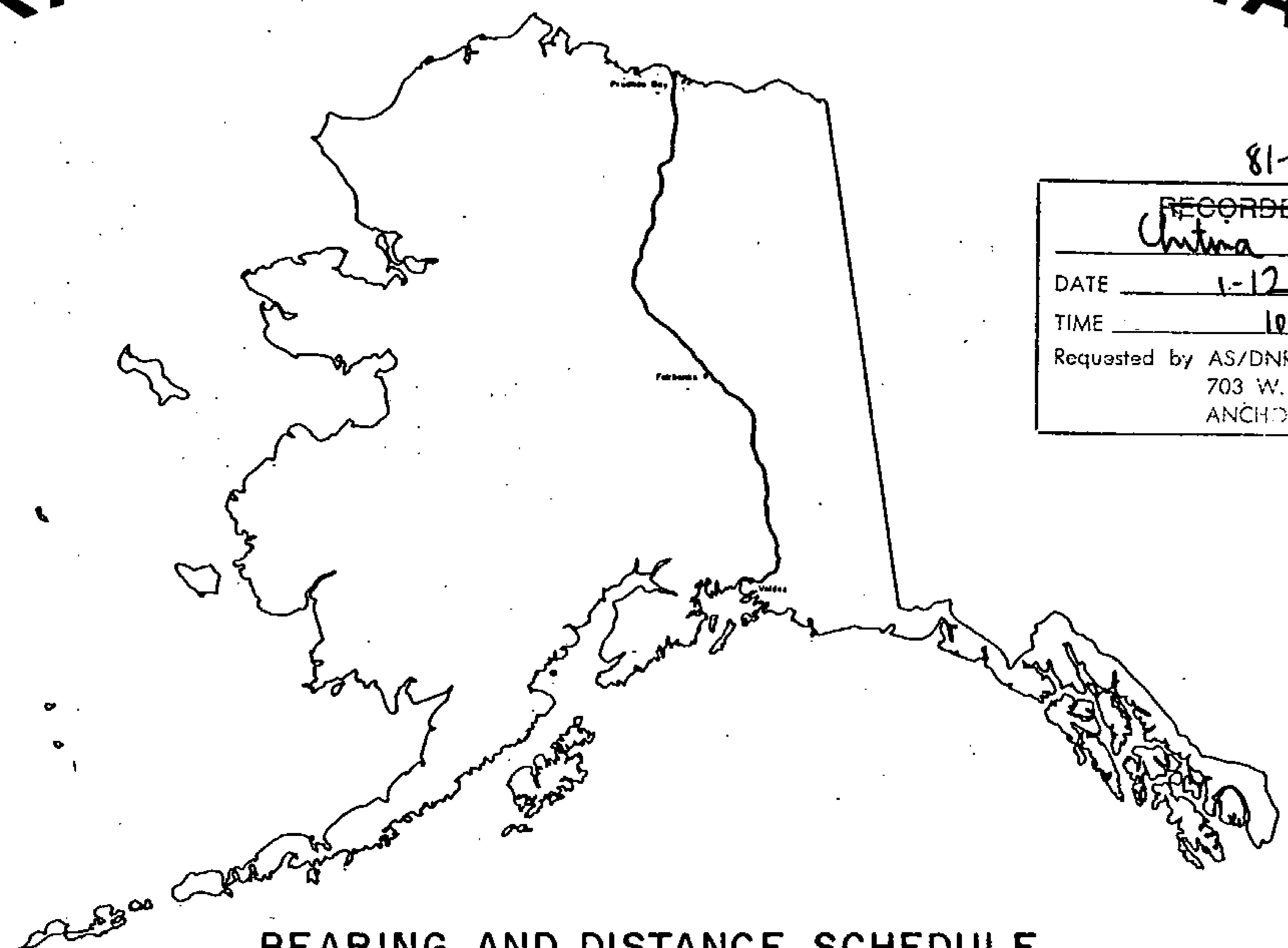
81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503



ALIGNMENT SHEET 15
STATION 4256 + 98
 SPUR DIKE I
 FIELD BOOK 170-121, PAGES 18-20, 27
 SCALE: 1" = 200'
 DATE: AUG. 10, 1978

TRANS-ALASKA PIPELINE MONUMENTATION SURVEY



BEARING AND DISTANCE SCHEDULE

Alyeska pipeline

SERVICE COMPANY

prepared by
OCEAN TECHNOLOGY LTD.

agent for:
AMERADA HESS PIPELINE CORPORATION
ARCO PIPELINE COMPANY
BP PIPELINES INC.
EXXON PIPELINE COMPANY
MOBIL ALASKA PIPELINE COMPANY
PHILLIPS ALASKA PIPELINE COMPANY
SOMIO PIPELINE COMPANY
UNION ALASKA PIPELINE COMPANY

81-1
RECORDED - FILED
Lambert
REC. DIST.
DATE 1-7 1981
TIME 1:29 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
REC. DIST.
DATE 1-12 1981
TIME 10:20 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Boyd
REC. DIST.
DATE 1-7 1981
TIME 2:15 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK

81-1
RECORDED - FILED
A. J. Johnson
REC. DIST.
DATE 1-7 1981
TIME 2:15 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
V. Kelly
REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 1

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
0 - 1	5944863.02 670563.15	217 33 2	180.09	S 38 50 51 W	180.11 747 1
0 - 2	5944720.24 670453.39	229 46 20	53.03	S 51 4 8 W	53.04 746 2
0 - 3	5944685.99 670412.90	242 26 24	180.45	S 63 44 8 W	180.46 745 3
0 - 4	5944602.50 670252.93	230 7 3	292.82	S 51 24 42 W	292.84 744 4
0 - 5	5944414.74 670028.23	224 55 32	59.77	S 46 13 7 W	59.78 743 5
0 - 6	5944372.42 669986.02	216 3 58	60.06	S 37 21 32 W	60.07 742 6
1 - 1	5944323.87 669950.66	207 15 21	60.46	S 28 32 54 W	60.47 741 7
1 - 2	5944270.12 669922.97	202 2 20	458.14	S 23 19 51 W	458.17 740 8
1 - 3	5943845.46 669751.06	189 41 6	420.49	S 10 58 33 W	420.52 739 9
1 - 4	5943430.96 669680.32	202 9 18	581.60	S 23 26 41 W	581.64 738 10
1 - 5	5942892.30 669460.99	214 36 60	420.26	S 35 54 15 W	420.28 737 11
1 - 6	5942546.44 669222.25	202 9 35	1077.15	S 23 26 41 W	1077.23 736 12
2	5941548.85 668815.96	211 13 19	60.36	S 32 30 20 W	60.37 735 13
2 - 1	5941497.23 668784.67	224 13 31	420.27	S 45 30 26 W	420.30 734 14
2 - 2	5941196.06 668491.54	211 40 50	1319.22	S 32 57 32 W	1319.31 733 15
2 - 3	5940073.42 667798.71				732 16

81-1

RECORDED - FILED
Valley

DATE 1-12 19 81

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
Christina

DATE 1-12 19 81

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
Jambhwa

DATE 1-7 19 81

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
Bannon

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
At Subin

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
Rampant

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 1

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
2 - 3	5940073.42	667798.71			732	16
2 - 4	5939676.91	667660.33	199 14 19	419.97	S 20 30 49 W	419.99
2 - 5	5938963.26	667218.86	211 44 29	839.16	S 33 0 50 W	839.22
2 - 6	5938792.37	667159.97	199 0 52	180.75	S 20 17 6 W	180.77
2 - 7	5938588.43	667034.01	211 42 4	239.70	S 32 58 16 W	239.72
2 - 8	5938459.17	666908.57	224 8 25	180.12	S 45 24 33 W	180.13
3	5938060.28	666662.31	211 41 23	468.78	S 32 57 26 W	468.82
3 - 1	5937557.57	666487.13	199 12 43	532.36	S 20 28 40 W	532.40
3 - 2	5937378.39	666466.12	186 41 16	180.41	S 7 57 10 W	180.42
3 - 3	5937224.02	666412.68	199 5 43	163.36	S 20 21 36 W	163.37
3 - 4	5937070.72	666318.38	211 35 49	179.98	S 32 51 39 W	179.99
3 - 5	5936309.01	666051.69	199 17 46	807.05	S 20 33 32 W	807.10
3 - 6	5935951.04	665831.61	211 34 60	420.21	S 32 50 38 W	420.24
3 - 7	5934771.58	665420.54	199 12 53	1249.04	S 20 28 22 W	1249.13
3 - 8	5934713.15	665407.14	192 54 59	59.95	S 14 10 22 W	59.95
4 - 1	5934653.29	665404.06	182 56 44	59.94	S 4 12 7 W	59.94

81-1

RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Fainbank
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Burnow
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
St. Martin
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:2 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 1

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
4 - 1	5934653.29 665404.06	176 25 44 1126.37	718	31
4 - 2	5933529.11 665474.22	163 57 14 420.46	717	32
4 - 3	5933125.03 665590.44	176 26 15 1244.04	716	33
4 - 4	5931883.39 665667.74	164 6 31 420.47	715	34
4 - 5	5931478.99 665782.87	176 27 3 1313.44	714	35
4 - 6	5930168.07 665864.18	188 56 56 420.24	713	36
4 - 7	5929752.94 665798.81	176 37 8 60.02	712	37
5	5929693.02 665802.35		711	38

81-1

RECORDED - FILED
Valdny
 REC. DIST. 19 81
 DATE 1-12
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Christina
 REC. DIST. 19 81
 DATE 1-12
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Tambanka
 REC. DIST. 19 81
 DATE 1-7
 TIME 1:34 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Bannon
 REC. DIST. 19 81
 DATE 1-7
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Rampart
 REC. DIST. 19 81
 DATE 1-7
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
St. Ignace
 REC. DIST. 19 81
 DATE 1-7
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 2

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	FILE NO.
Y ZONE 4 X	AZIMUTH DIST	DIST	NO.
5 -15	5916358.23 668593.17	181 2 5 420.31 S 2 18 42 W 420.34	53
5 -16	5915937.99 668585.58	168 33 39 1422.80 S 10 9 41 E 1422.90	54
5 -17	5914543.45 668867.76	156 4 25 420.43 S 22 38 49 E 420.46	55
5 -18	5914159.15 669038.27	168 33 57 1422.80 S 10 9 12 E 1422.89	56
5 -19	5912764.59 669320.33	181 0 50 420.44 S 2 17 45 W 420.47	57
5 -20	5912344.22 669312.89	168 34 4 1433.41 S 10 8 58 E 1433.50	58
5 -21	5910939.25 669597.00	155 57 28 420.22 S 22 45 28 E 420.25	59
5 -22	5910555.49 669768.20	168 36 13 1433.63 S 10 6 39 E 1433.72	60
5 -23	5909150.13 670051.48	181 1 49 420.44 S 2 19 1 W 420.47	61
5 -24	5908729.76 670043.92	168 31 35 1314.57 S 10 11 10 E 1314.66	62
6	5907441.46 670305.41	166 42 6 60.43 S 12 0 36 E 60.43	63
6 - 1	5907382.65 670319.31	153 27 29 420.47 S 25 15 10 E 420.50	64
6 - 2	5907006.49 670507.20	165 58 45 1256.37 S 12 43 49 E 1256.46	65
6 - 3	5905787.55 670811.59	178 25 24 420.12 S 0 17 6 E 420.14	66
6 - 4	5905367.59 670823.15		67

RECORDED - FILED
Valdov REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

RECORDED - FILED
Lambanks REC. DIST.
 DATE 1-7 1981
 TIME 1:35 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:17 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

81-1

81-1

81-1

81-1

81-1

66

ALIGNMENT SHEET 2

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y	ZONE 4 X				
5	5929693.02	665802.35	168 32 55	956.49	711	38
5 - 1	5928755.57	665992.25	156 5 0	419.73	710	39
5 - 2	5928371.88	666162.41	168 33 19	1194.28	709	40
5 - 3	5927201.35	666399.38	181 2 26	420.18	708	41
5 - 4	5926781.24	666391.75	168 33 28	1433.41	707	42
5 - 5	5925376.32	666676.11	156 4 33	420.37	706	43
5 - 6	5924992.07	666846.58	168 33 40	1433.36	705	44
5 - 7	5923587.18	667130.85	181 3 44	420.26	704	45
5 - 8	5923166.99	667123.06	168 33 40	1433.64	703	46
5 - 9	5921761.83	667407.38	156 3 39	420.54	702	47
5 - 10	5921377.47	667578.02	168 33 46	1433.29	701	48
5 - 11	5919972.64	667862.23	181 3 34	420.27	700	49
5 - 12	5919552.44	667854.46	168 33 30	1433.40	699	50
5 - 13	5918147.53	668138.80	156 6 35	420.21	698	51
5 - 14	5917763.32	668308.98	168 33 57	1433.54	697	52
5 - 15	5916358.23	668593.17			696	53

81-1
 RECORDED - FILED
Valley
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jambon
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Gibson
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 3

25 NOV 78

POINT ID	ALASKA STATE PLANE		COORDINATE AZIMUTH	SYSTEM DIST	TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X						
6 - 4	5905367.59	670823.15					682	67
6 - 5	5904031.51	671157.25	165 57 38	1377.22	S 12 44 48 E	1377.31	681	68
6 - 6	5903655.40	671344.90	153 29 3	420.32	S 25 13 16 E	420.35	680	69
6 - 7	5902261.93	671693.23	165 57 55	1436.35	S 12 44 18 E	1436.44	679	70
6 - 8	5901841.68	671704.44	178 28 19	420.40	S 0 13 49 E	420.43	678	71
6 - 9	5900447.85	672053.02	165 57 33	1436.76	S 12 44 31 E	1436.85	677	72
6 - 10	5900071.49	672240.89	153 28 22	420.64	S 25 13 36 E	420.67	676	73
6 - 11	5898678.34	672588.27	165 59 56	1435.80	S 12 41 54 E	1435.90	675	74
6 - 12	5898258.00	672600.30	178 21 38	420.51	S 0 20 8 E	420.54	674	75
6 - 13	5896864.21	672948.46	165 58 30	1436.62	S 12 43 12 E	1436.71	673	76
6 - 14	5896488.25	673136.17	153 28 4	420.21	S 25 13 32 E	420.24	672	77
6 - 15	5895094.42	673484.85	165 57 19	1436.78	S 12 44 10 E	1436.88	671	78
6 - 16	5894674.50	673496.22	178 26 56	420.07	S 0 14 28 E	420.10	670	79
6 - 17	5893455.59	673800.80	165 58 13	1256.39	S 12 43 8 E	1256.47	669	80
6 - 18	5893035.58	673812.01	178 28 16	420.16	S 0 13 1 E	420.19	668	81
6 - 19	5892977.36	673826.56	165 58 6	60.01	S 12 43 11 E	60.01	667	82

81-1

RECORDED - FILED
Valdery
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Chitima
 DATE 1-12 1981
 TIME 12:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Fairbanks
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
A. Sultan
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

68

ALIGNMENT SHEET 3

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
6 -19	5892977.36 673826.56	157 12 25 847.70	667	82
7 - 1	5892195.86 674154.96	144 42 23 420.12	666	83
7 - 2	5891852.96 674397.69	157 13 53 1208.73	665	84
7 - 3	5890738.42 674865.48	144 44 40 420.03	664	85
7 - 4	5890395.43 675107.93	157 13 37 1435.53	663	86
7 - 5	5889071.81 675663.60	169 44 60 420.19	662	87
7 - 6	5888658.33 675738.37	157 13 0 1316.48	661	88
7 - 7	5887444.57 676248.17	170 3 39 421.25	660	89
7 - 8	5887029.64 676320.88	157 3 41 896.15	659	90
7 - 9	5886204.35 676670.15	144 42 41 419.86	658	91
7 -10	5885861.64 676912.70	157 10 18 59.95	657	92
8	5885806.38 676935.96	163 44 60 240.04	656	93
8 - 1	5885575.93 677003.13	151 14 12 179.86	655	94
8 - 2	5885418.26 677089.68	163 45 23 179.79	654	95
8 - 3	5885245.65 677139.97	176 7 40 180.07	653	96
8 - 4	5885065.99 677152.13		652	97

81-1
 RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Janbanks
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Sultan
 DATE 1-7 1981
 TIME 5:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 3

25 NOV 78

POINT ID	ALASKA STATE PLANE		COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4	X	AZIMUTH	DIST	BEARING		
8 - 4	5885065.99		677152.13				652	97
9	5884587.26		677291.74	163 44 31	498.67	S 14 55 19 E	498.70	262 98
10	5883423.12		677351.40	177 3 59	1165.67	S 1 35 50 E	1165.74	261 99

81-1
RECORDED - FILED
Valdery
 DATE 1-12 19 81
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitima
 DATE 1-12 19 81
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Faintramber
 DATE 1-7 19 81
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow
 DATE 1-7 19 81
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 19 81
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
It Subon
 DATE 1-7 19 81
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 4

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
10	5883423.12	677351.40	200 53 36	24402.80	S 22 11 42 W	261 99
11	5860624.90	668648.66	196 53 18	4345.93	S 18 9 0 W	260 100
12	5856466.40	667386.14	188 23 25	1834.15	S 9 38 45 W	259 101
13	5854651.88	667118.51				258 102

81-1

~~RECORDED - FILED~~
Valdez REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~
Chitna REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~
Lambert REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~
Banner REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~
Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

~~RECORDED - FILED~~
St. Ignace REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.		
	Y ZONE 4	X					AZIMUTH	DIST
13	5854651.88	667118.51	202 19 18	1619.72	S 23 34 25 W	1619.83	258	102
14	5853153.53	666503.33	179 10 16	1718.44	S 0 25 13 W	1718.56	257	103
15	5851435.27	666528.19	185 6 35	1255.95	S 6 21 31 W	1256.04	256	104
16	5850184.31	666416.33	202 26 50	3389.15	S 23 41 25 W	3389.38	255	105
17	5847051.95	665122.24	194 27 56	3327.28	S 15 42 0 W	3327.51	254	106
18	5843830.15	664291.09	212 30 28	6604.31	S 33 43 31 W	6604.77	253	107
19	5838260.62	660741.83					252	108

81-1

RECORDED - FILED
Valley

REC. DIST. _____

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Christina

REC. DIST. _____

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Banner

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Jainamba

REC. DIST. _____

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Rampart

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED
St. Sibir

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 6

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.		
	Y ZONE 4	X					AZIMUTH	DIST
19	5838260.62	660741.83	187 27 0	13846.31	S 8 38 44 W	13847.29	252	108
20	5824531.20	658946.48	199 27 15	6679.72	S 20 37 59 W	6680.20	251	109
21	5818232.84	656721.77	185 18 9	9059.73	S 6 28 6 W	9060.38	250	110
21A	5809211.88	655884.54	183 27 24	5187.91	S 4 37 2 W	5188.29	249	111
22	5804033.41	655571.75	177 4 10	3304.89	S 1 46 16 E	3305.13	248	112
23	5800732.84	655740.71	159 34 37	4009.17	S 19 15 30 E	4009.46	247	113
24	5796975.68	657139.70	161 14 10	448.32	S 17 35 38 E	448.35	246	114
24A	5796551.19	657283.91	176 11 40	1081.82	S 2 38 6 E	1081.89	245	115
25	5795471.76	657355.71					244	116

81-1

RECORDED - FILED
Vaddy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Chetna REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Fambro REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
H. Gibson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

73

ALIGNMENT SHEET 7

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
25	5795471.76	657355.71			244	116
26	5793413.64	657652.16	171 48 13	2079.36	S 7 1 29 E	2079.51
27	5788182.88	657239.77	184 30 28	5246.99	S 5 40 42 W	5247.37
28	5783415.08	657570.89	176 1 38	4779.28	S 2 48 12 E	4779.63
29	5780992.30	658816.75	152 47 12	2724.34	S 26 2 20 E	2724.54
30	5777853.85	660657.62	149 36 22	3638.50	S 29 12 30 E	3638.76
31	5775410.26	662263.94	146 40 50	2924.28	S 32 7 17 E	2924.48

81-1

RECORDED - FILED

Valley REC. DIST.

DATE 1-12 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Chitna REC. DIST.

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Zankovsk REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barrow REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

H. Siltor REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Rampart REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 8

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
31	5775410.26	662263.94	165 6 42	13190.38	S 13 40 24 E	238 122
32	5762662.71	665653.05	167 18 26	6206.45	S 11 27 42 E	237 123
33	5756607.93	667016.75	180 7 35	12205.28	S 1 21 38 W	236 124
34	5744402.68	666989.84	183 7 15	9245.67	S 4 21 5 W	235 125
35	5735170.73	666486.48				234 126

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambra REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. John REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503 74

ALIGNMENT SHEET 9

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM			TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4	X	AZIMUTH	DIST		
35	5735170.73		666486.48			234	126
36	5724407.29		670182.12	161 3 0	11380.22	233	127
37	5720740.76		671226.93	164 5 41	3812.49	232	128
38	5714941.10		671790.98	174 26 42	5827.02	231	129
39	5713605.26		672325.36	158 11 49	1438.76	230	130
40	5709383.35		673354.88	166 17 45	4345.62	229	131
41	5707277.80		673795.73	168 10 28	2151.21	228	132
42	5705260.65		674624.08	157 40 28	2180.61	227	133

81-1
 RECORDED - FILED
Valky
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zambardo
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. B. B...
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503 76

ALIGNMENT SHEET 10

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y	ZONE 4 X				
42	5705260.65	674624.08			227	133
43	5703206.05	675785.64	150 31 7	2360.21	S 28 11 43 E	2360.37
44	5699501.21	676527.91	168 40 15	3778.47	S 10 2 12 E	3778.71
45	5697723.61	676410.89	183 45 59	1781.45	S 5 3 39 W	1781.56
46	5694328.27	677019.07	169 50 41	3449.38	S 8 51 34 E	3449.60
47	5692963.43	677629.39	155 54 26	1495.08	S 22 47 35 E	1495.18
48	5689535.09	679643.80	149 33 45	3976.35	S 29 7 43 E	3976.60
48A	5682390.34	683089.76	154 15 6	7932.34	S 24 25 14 E	7932.84

81-1

RECORDED - FILED

Valdy REC. DIST.

DATE 1-12 19 81

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST.

DATE 1-12 19 81

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Fambanks REC. DIST.

DATE 1-7 19 81

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barnow REC. DIST.

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Rampant REC. DIST.

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

H. Siltan REC. DIST.

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

77

ALIGNMENT SHEET 11

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
48A	5682390.34	683089.76			220	140
48A- 1	5675389.13	684052.34	172 10 18	7067.07	S 6 29 9 E	7067.51 651 141
48A- 2	5675220.33	684114.85	159 40 46	180.00	S 18 58 29 E	180.01 650 142
48A- 3	5675051.05	684137.81	172 16 34	170.83	S 6 22 41 E	170.84 649 143
48A- 4	5674871.99	684123.53	184 33 35	179.63	S 5 54 20 W	179.64 648 144
48A- 5	5674586.78	684162.44	172 13 53	287.85	S 6 25 22 E	287.87 647 145
48A- 6	5674168.08	684128.33	184 39 27	420.09	S 6 0 12 W	420.11 646 146
48A- 7	5673405.25	684233.30	172 9 54	770.02	S 6 29 20 E	770.06 645 147
48A- 8	5673011.43	684379.29	159 39 37	420.01	S 18 59 35 E	420.03 644 148
48A- 9	5671703.95	684559.22	172 9 52	1319.80	S 6 29 16 E	1319.88 643 149
48A-10	5671310.40	684705.10	159 39 41	419.72	S 18 59 23 E	419.74 642 150
48A-11	5669884.27	684901.33	172 9 56	1439.57	S 6 29 4 E	1439.65 641 151
48A-12	5669465.57	684868.02	184 32 55	420.03	S 5 53 56 W	420.05 640 152
48A-13	5668039.04	685063.42	172 12 1	1439.85	S 6 26 56 E	1439.94 639 153
48A-14	5667644.78	685209.56	159 39 43	420.47	S 18 59 10 E	420.50 638 154
48A-15	5666218.82	685404.88	172 12 2	1439.28	S 6 26 48 E	1439.36 637 155

81-1
RECORDED - FILED

Valdery REC. DIST. _____

DATE 1-12 19 81

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 19 81

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Sturbon REC. DIST. _____

DATE 1-7 19 81

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Bannon REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

H. Gibson REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Rampart REC. DIST. _____

DATE 1-7 19 81

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 11

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
48A-15	5666218.82	685404.88	184 31 10	419.94	637	155
48A-16	5665800.18	685371.79	172 9 60	419.97	636	156
48A-17	5664373.85	685568.02	172 9 60	1439.77	635	157
48A-18	5663979.88	685713.98	159 40 15	420.14	634	158
48A-19	5662554.09	685910.36	172 9 28	1439.25	633	159
48A-20	5662134.93	685876.22	184 39 23	420.55	632	160
48A-21	5661006.36	686031.12	172 11 5	1139.15	631	161
48A-22	5660612.41	686177.46	159 37 18	420.26	630	162
48A-23	5659720.89	686300.10	172 10 3	899.92	629	163
49 - 1	5659660.68	686299.46	180 36 31	60.21	628	164
49 - 2	5659601.79	686290.07	189 3 34	59.63	627	165
49 - 3	5659211.59	686133.41	201 52 29	420.47	626	166
49 - 4	5658135.67	685956.30	189 20 52	1090.40	625	167
49 - 5	5657716.10	685979.46	176 50 26	420.21	624	168
49 - 6	5656423.98	685766.98	189 20 18	1309.47	623	169
49 - 7	5656034.50	685610.59	201 52 39	419.70	622	170

81-1
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Jamboree REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 St. Lawrence REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 11

25 NOV 78

POINT ID	ALASKA STATE PLANE		COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4	X	AZIMUTH	DIST	BEARING		
49 - 7	5656034.50		685610.59				622	170
49 - 8	5655224.99		685477.19	189 21 28	820.43	S 10 42 37 W	820.48	621 171
49 - 9	5655045.00		685487.27	176 47 41	180.27	S 1 51 12 E	180.28	620 172
49 -10	5654926.67		685467.69	189 23 43	119.94	S 10 44 49 W	119.95	619 173
49 -11	5654759.47		685400.73	201 49 30	180.11	S 23 10 36 W	180.12	618 174
49 -12	5653007.41		685112.08	189 21 19	1775.68	S 10 42 19 W	1775.79	617 175
49 -13	5652827.64		685121.90	176 52 24	180.04	S 1 46 41 E	180.05	616 176
49 -14	5652710.27		685102.54	189 22 1	118.95	S 10 42 56 W	118.96	615 177
49 -15	5652543.32		685035.56	201 51 37	179.89	S 23 12 31 W	179.90	614 178
50	5652483.82		685025.63	189 28 28	60.32	S 10 49 21 W	60.33	613 179
50 - 1	5651888.98		685029.81	179 35 51	594.85	S 0 56 44 W	594.89	612 180
50 - 2	5651479.56		685123.65	167 5 26	420.03	S 11 33 40 E	420.06	611 181
50 - 3	5650225.96		685132.38	179 36 4	1253.63	S 0 56 58 W	1253.71	610 182
50 - 4	5649815.02		685044.42	192 4 54	420.25	S 13 25 47 W	420.27	609 183
50 - 5	5648375.45		685054.76	179 35 19	1439.61	S 0 56 10 W	1439.70	608 184
50 - 6	5647964.63		684966.89	192 4 23	420.11	S 13 25 13 W	420.14	607 185

81-1
~~RECORDED - FILED~~
Valdys REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Chidina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Hankins REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
A. Hilton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 11

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
50 - 6	5647964.63	684966.89			607	185
50 - 7	5646524.73	684976.51	179 37 2	1439.93	S 0 57 50 W	1440.02 606 186

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-7 19 81
TIME 10:10 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-7 19 81
TIME 10:20 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fairbanks REC. DIST.
DATE 1-7 19 81
TIME 1:39 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnum REC. DIST.
DATE 1-7 19 81
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 19 81
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. S. Brown REC. DIST.
DATE 1-7 19 81
TIME 2:13 81 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 12

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
50 - 7	5646524.73	684976.51			606	186
50 - 8	5646115.34	685070.19	167 6 39	419.97	605	187
50 - 9	5645155.72	685076.77	179 36 26	959.64	604	188
50 -10	5644980.16	685117.03	167 5 3	180.12	603	189
50 -11	5644800.12	685118.18	179 38 3	180.04	602	190
50 -12	5644624.08	685080.57	192 3 35	180.01	601	191
51	5643851.49	685086.62	179 33 5	772.61	219	192
52	5641576.81	683602.99	213 6 50	2715.76	218	193
53	5636099.60	678540.57	222 44 47	7458.41	217	194
54	5635338.72	677406.87	236 7 57	1365.36	216	195
55	5630937.14	676622.84	190 5 59	4470.86	215	196
56	5626804.62	673222.56	219 26 52	5351.60	213	197
56A	5624518.29	671875.41	210 30 27	2653.70	212	198
56B	5624318.87	671686.34	223 28 25	274.80	211	199
56C	5623266.16	671061.42	210 41 41	1224.22	210	200
56D	5622865.79	670933.09	197 46 20	420.43	209	201

81-1
 RECORDED - FILED
Valdy
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zambardo
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampert
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Dillon
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 13

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
56D	5622865.79	670933.09				
56E	5621635.58	670208.97	210 28 54	1427.50	S 31 43 9 W	1427.60
56F	5621339.94	669927.66	223 34 38	408.09	S 44 48 39 W	408.12
56G	5620131.00	669193.08	211 17 2	1414.62	S 32 30 49 W	1414.71
56H	5619821.34	669104.78	195 54 56	322.00	S 17 8 32 W	322.03
57	5616852.78	667350.61	210 34 46	3448.11	S 31 47 57 W	3448.35
58	5615401.93	667548.38	172 14 16	1464.26	S 6 32 55 E	1464.36
59	5611737.68	668586.43	164 10 59	3808.45	S 14 35 57 E	3808.71
60	5608029.82	666898.42	204 28 39	4074.02	S 25 41 32 W	4074.30
61	5600201.60	665918.48	187 8 7	7889.31	S 8 20 21 W	7889.86
62	5594050.36	663915.52	198 2 10	6469.13	S 19 13 42 W	6469.57

81-1
 RECORDED - FILED
 Valdez
 DATE 1-7 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Christina
 DATE 1-7 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Fairbanks
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Barrow
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Rampart
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 A. Suber
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 14

25 NOV 78

POINT ID	ALASKA STATE PLANE		COORDINATE AZIMUTH	SYSTEM DIST	TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X			BEARING	DIST		
62	5594050.36	663915.52	213 52 25	2166.36	S 35 3 12 W	2166.51	238	211
63	5592251.70	662708.07	191 35 47	7517.33	S 12 45 56 W	7517.85	237	212
64	5584887.82	661196.97	183 49 24	6877.84	S 4 59 4 W	6878.32	236	213
65	5578025.29	660738.34	173 55 0	1615.59	S 4 55 27 E	1615.70	235	214
66	5576418.80	660909.55	187 59 36	4475.79	S 9 9 1 W	4476.11	234	215
67	5571986.49	660287.16	198 29 45	2918.54	S 19 38 48 W	2918.75	233	216
68	5569218.70	659361.29	188 27 54	3082.63	S 9 36 37 W	3082.84	232	217
69	5566169.66	658907.51					231	218

81-1
RECORDED - FILED
Valdy REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
Jambor REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
Bannon REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
Bannon REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

RECORDED - FILED
H. Gibson REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 15

25 NOV 78

POINT ID	ALASKA STATE PLANE		COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 4	X	AZIMUTH	DIST	BEARING		
69	5566169.66		658907.51					
				139 33 41	5016.95	S 39 17 1 E	5017.30	231 218
70	5562351.25		662161.67					
				186 55 51	1204.51	S 8 5 48 W	1204.59	230 219
71	5561155.55		662016.32					
				205 0 17	4358.16	S 26 9 46 W	4358.46	229 220
72	5557205.87		660174.16					
				171 13 15	784.41	S 7 37 39 E	784.46	228 221
73	5556430.65		660293.88					
				191 53 27	2124.05	S 13 2 27 W	2124.20	227 222
74	5554352.18		659856.23					
				190 1 50	2506.80	S 11 10 38 W	2506.98	226 223
75	5551883.70		659419.61					
				196 37 19	2029.15	S 17 45 52 W	2029.30	225 224
76	5549939.34		658839.16					
				192 34 44	2373.74	S 13 43 2 W	2373.91	224 225
77	5547622.58		658322.20					
				183 42 35	2114.27	S 4 50 43 W	2114.42	223 226
78	5545512.74		658185.40					
				165 46 48	1207.19	S 13 5 3 E	1207.27	222 227
79	5544342.54		658481.94					
				198 44 44	1269.54	S 19 52 52 W	1269.63	221 228
80	5543140.34		658073.95					
				190 13 10	1014.15	S 11 21 9 W	1014.22	220 229
81	5542142.28		657894.02					
								219 230

81-1
 RECORDED - FILED
Valdez
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

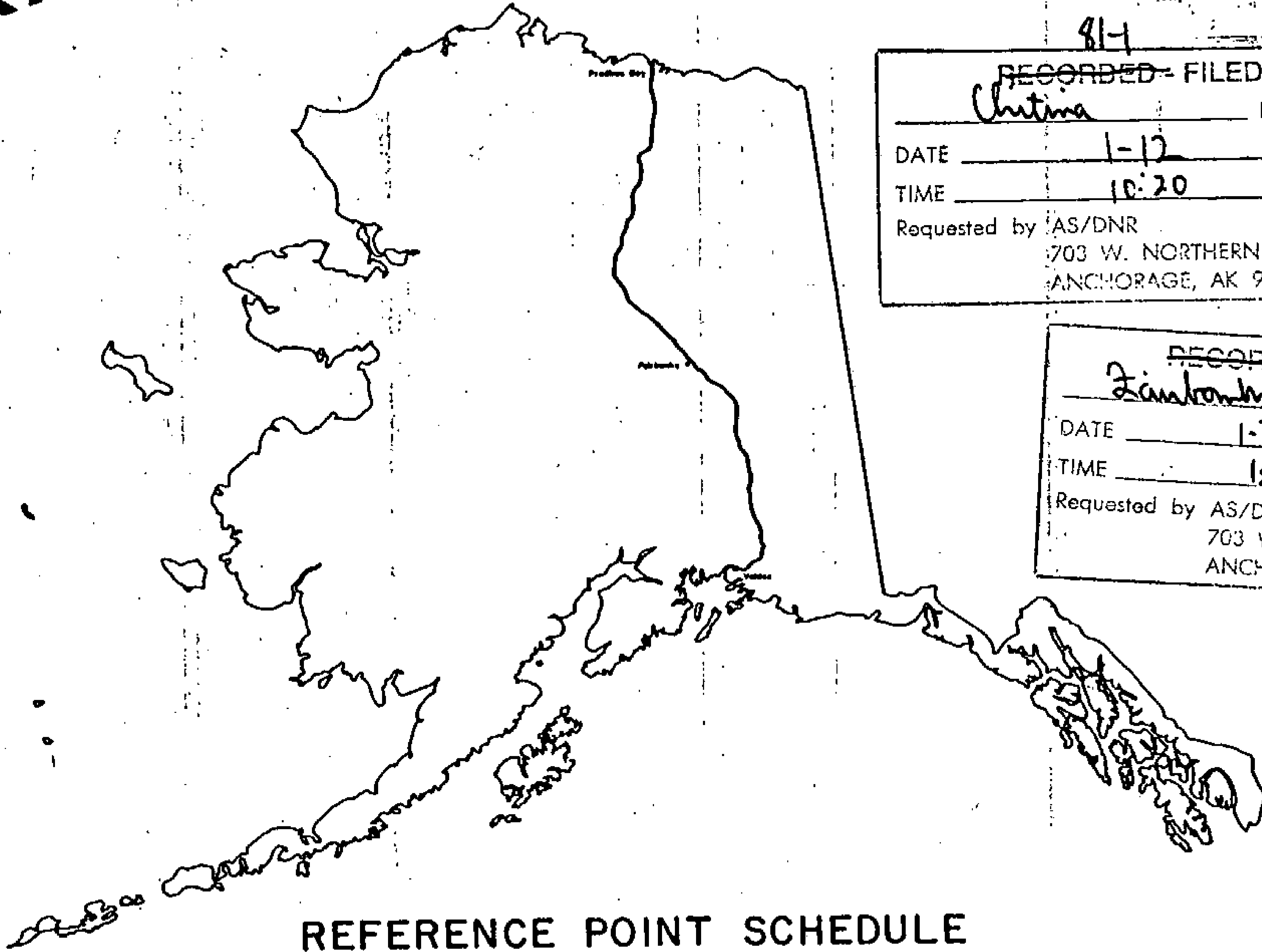
81-1
 RECORDED - FILED
Zambora
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Johnson
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

TRANS-ALASKA PIPELINE MONUMENTATION SURVEY



REFERENCE POINT SCHEDULE

Alyeska pipeline
SERVICE COMPANY

prepared by
OCEAN TECHNOLOGY LTD.

81-1
RECORDED - FILED
Valdez REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zimbanka REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

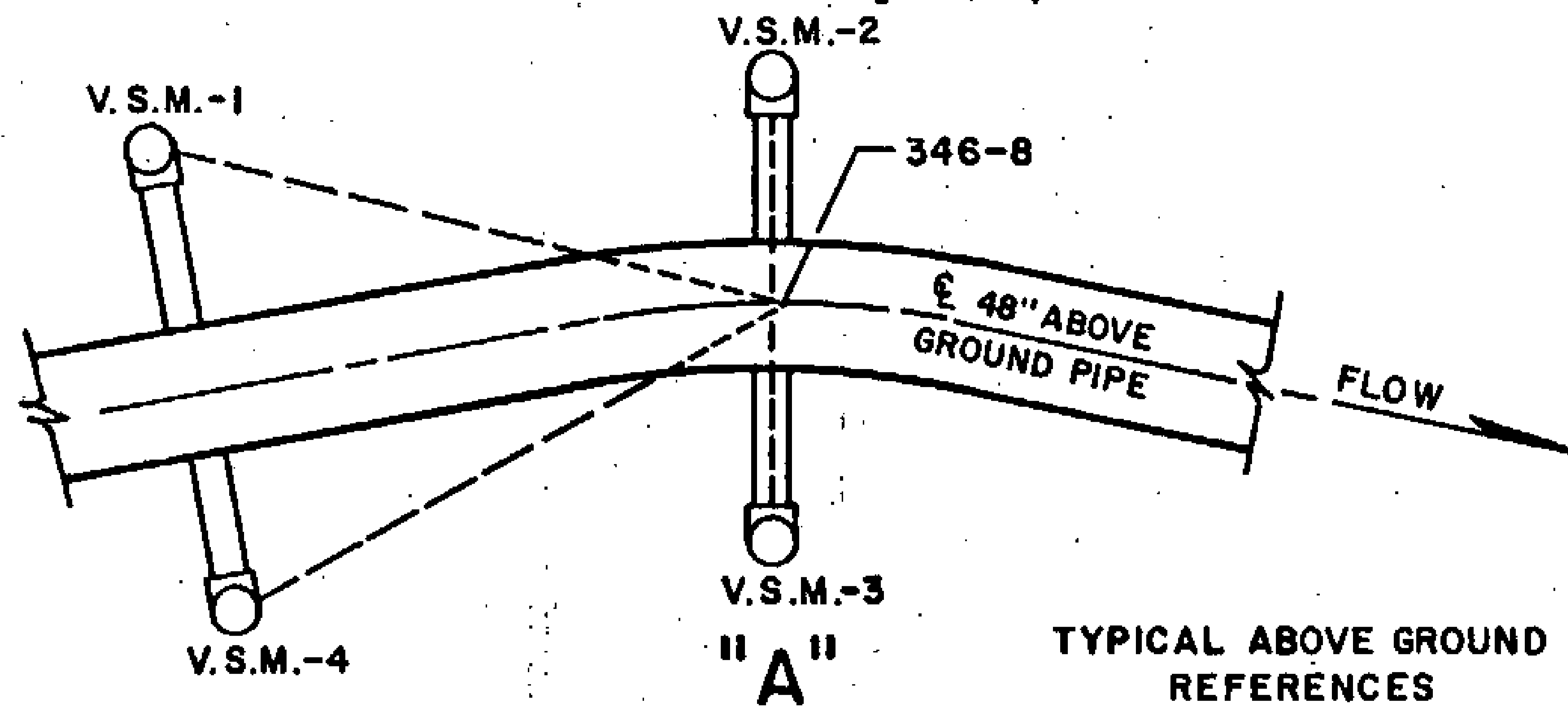
81-1
RECORDED - FILED
Rumpant REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Lawrence REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

816

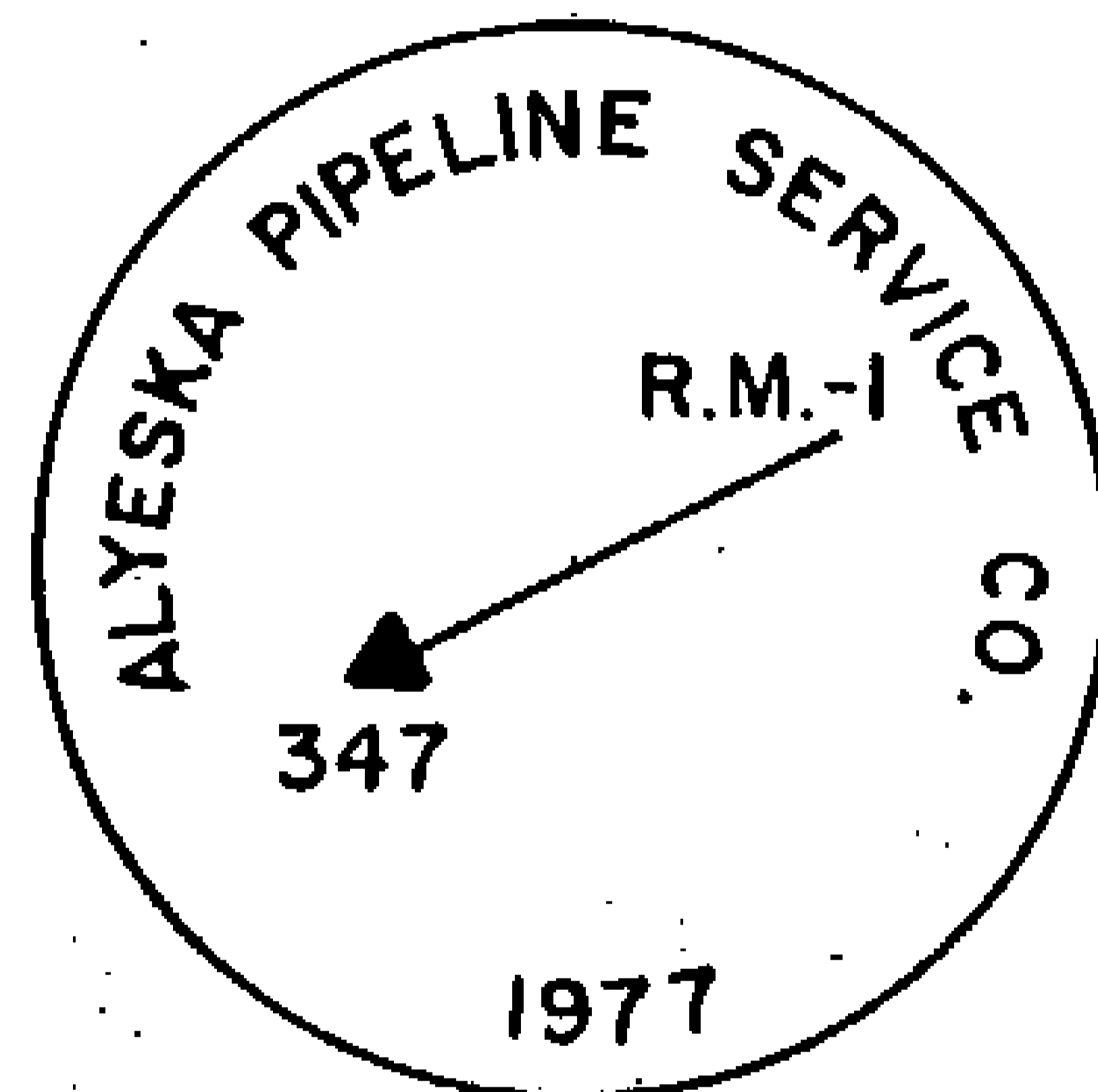
TYPICAL DETAILS

R. P. Distances are measured along the slope of the Pad.

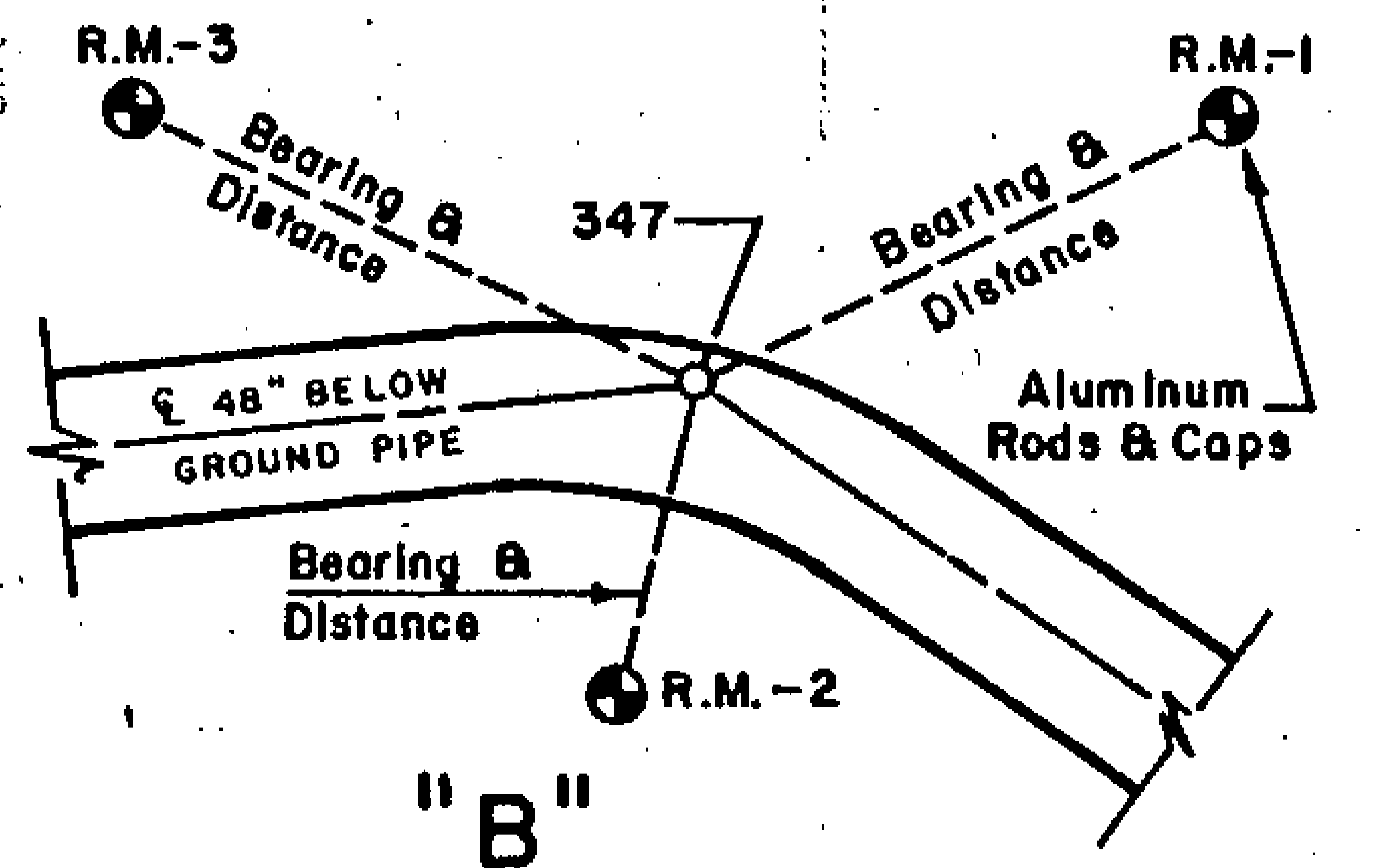


TYPICAL REFERENCE SYSTEM FOR ABOVE GROUND ANGLE POINTS. VERTICAL SUPPORT MEMBERS (VSMs) ARE STEEL PILING 18 INCHES IN DIAMETER. THE DISTANCE IS A SLOPE MEASUREMENT FROM A POINT APPROXIMATELY ONE FOOT ABOVE THE GROUND ON THE VSM MARKED WITH AN "X" TO A POINT APPROXIMATELY ONE FOOT ABOVE THE POINT OF INTERSECTION. THE VSM USED FOR REFERENCE POINT NO. 1 HAS THE ANGLE POINT DESIGNATION, IN LETTERS 3/4" HIGH STAMPED WITH METAL DIES AT APPROXIMATE EYE LEVEL. THIS DESIGNATION FACES THE ANGLE POINT.

R. M. Distances are Horizontal Distances

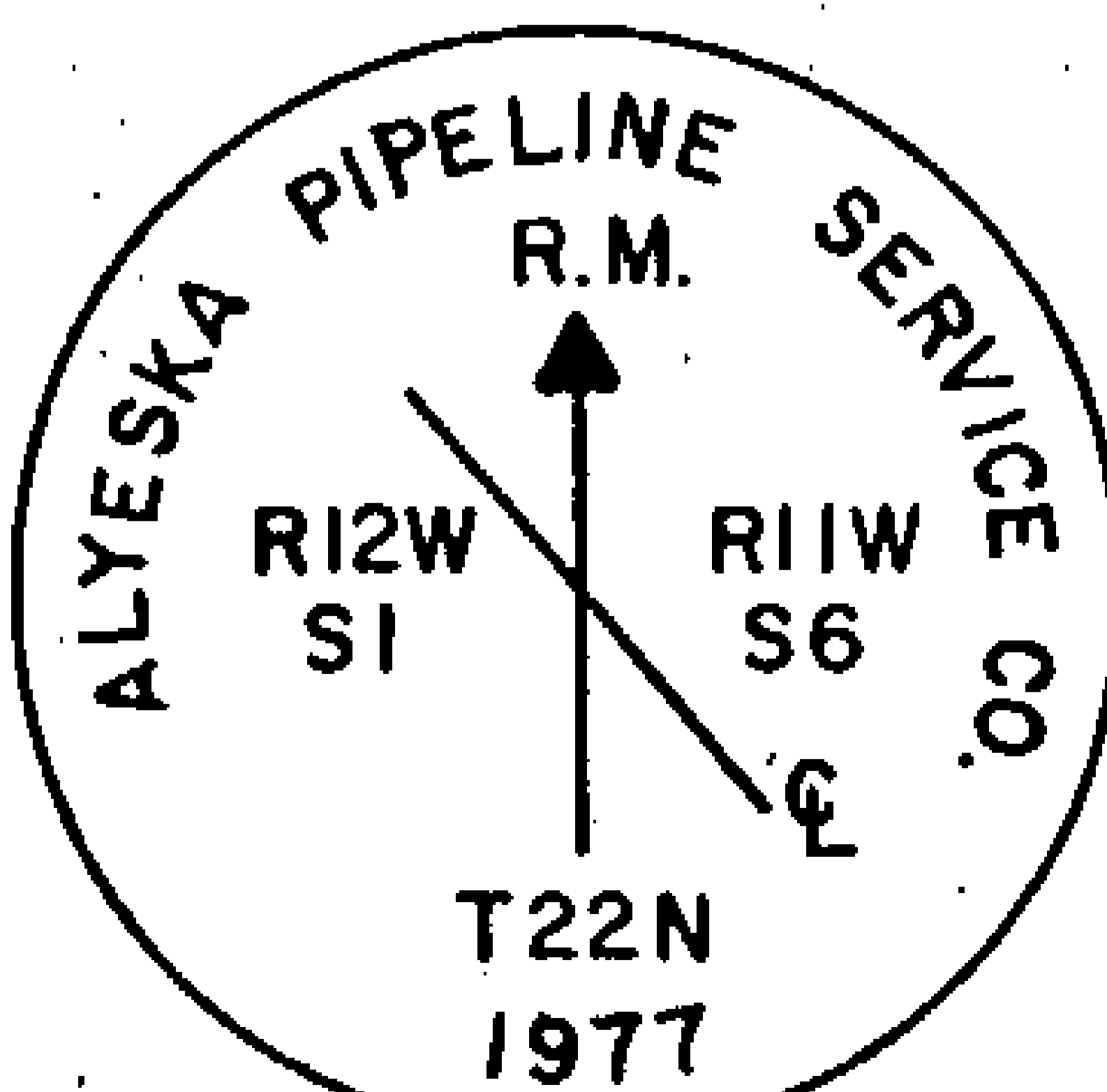


TYPICAL BELOW GROUND REFERENCE MONUMENT



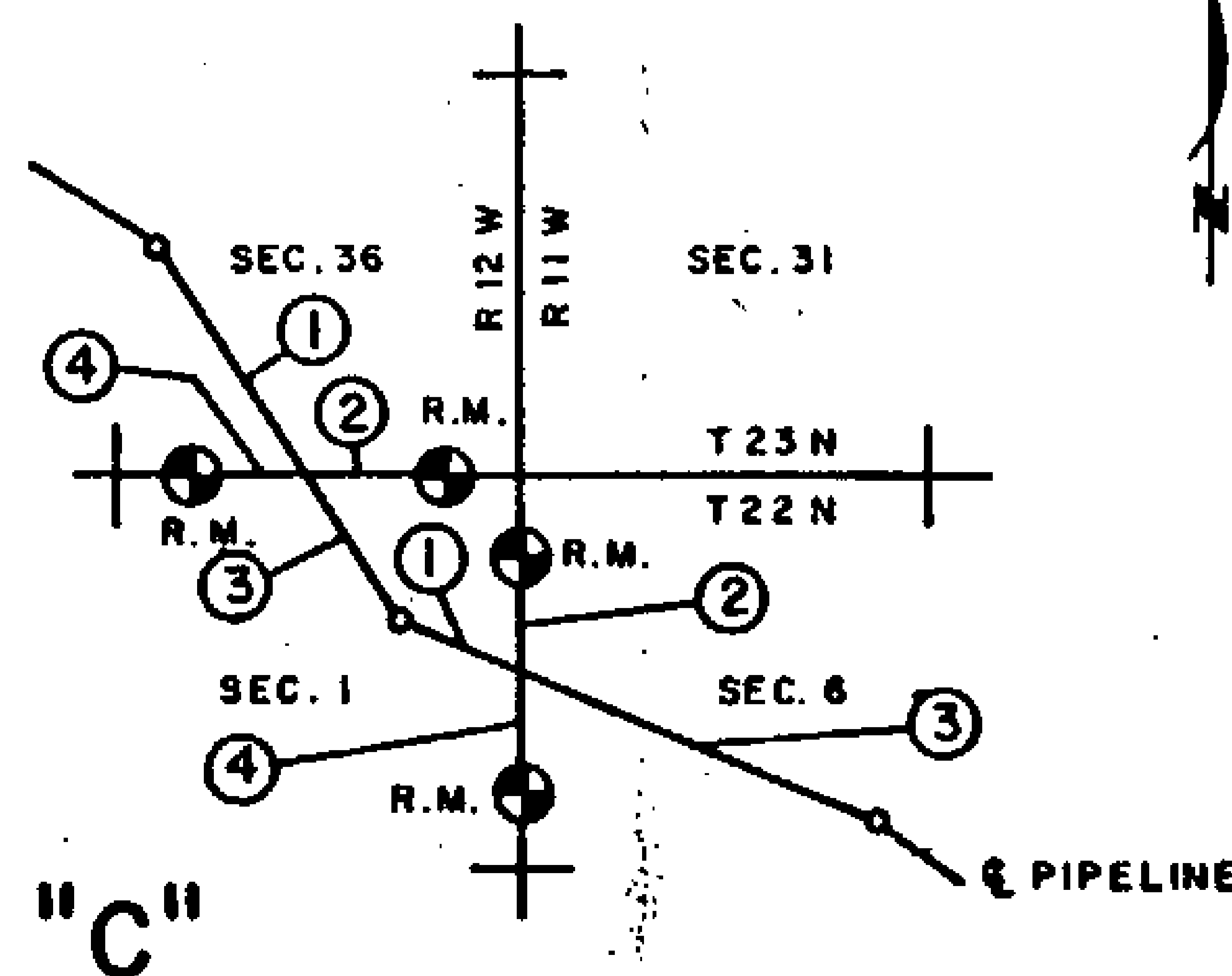
A TYPICAL REFERENCE SYSTEM FOR BELOW GROUND PIPELINE. THE THREE REFERENCE MONUMENTS SET ARE 3-1/2 INCH DIAMETER ALUMINUM CAPS ON 5/8 INCH ALUMINUM ROD DRIVEN TO EIGHT FOOT OR REFUSAL. HORIZONTAL DISTANCES AND TRUE MEAN BEARINGS WERE TAKEN FOR EACH REFERENCE MONUMENT.

TYPICAL TOWNSHIP, RANGE OR SECTION LINE CROSSING



REFERENCE MONUMENT

R.M. Distances are Horizontal Distances



TYPICAL REFERENCE SYSTEM FOR INTERSECTIONS OF THE PIPELINE CENTERLINE SURVEY WITH SURVEYED TOWNSHIP LINES, SECTION LINES AND MISCELLANEOUS SURVEYED LINES. MONUMENTS SET WERE 3-1/2 INCH ALUMINUM CAPS, SET ON 5/8 INCH ALUMINUM ROD DRIVEN TO EIGHT FOOT OR REFUSAL. A FIELD INTERSECTION WAS MADE AND MONUMENTS WERE SET AS REFERENCE POINTS TO THIS INTERSECTION.

81-1
 RECORDED - FILED
 Valdy
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Janbanks
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Bannor
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

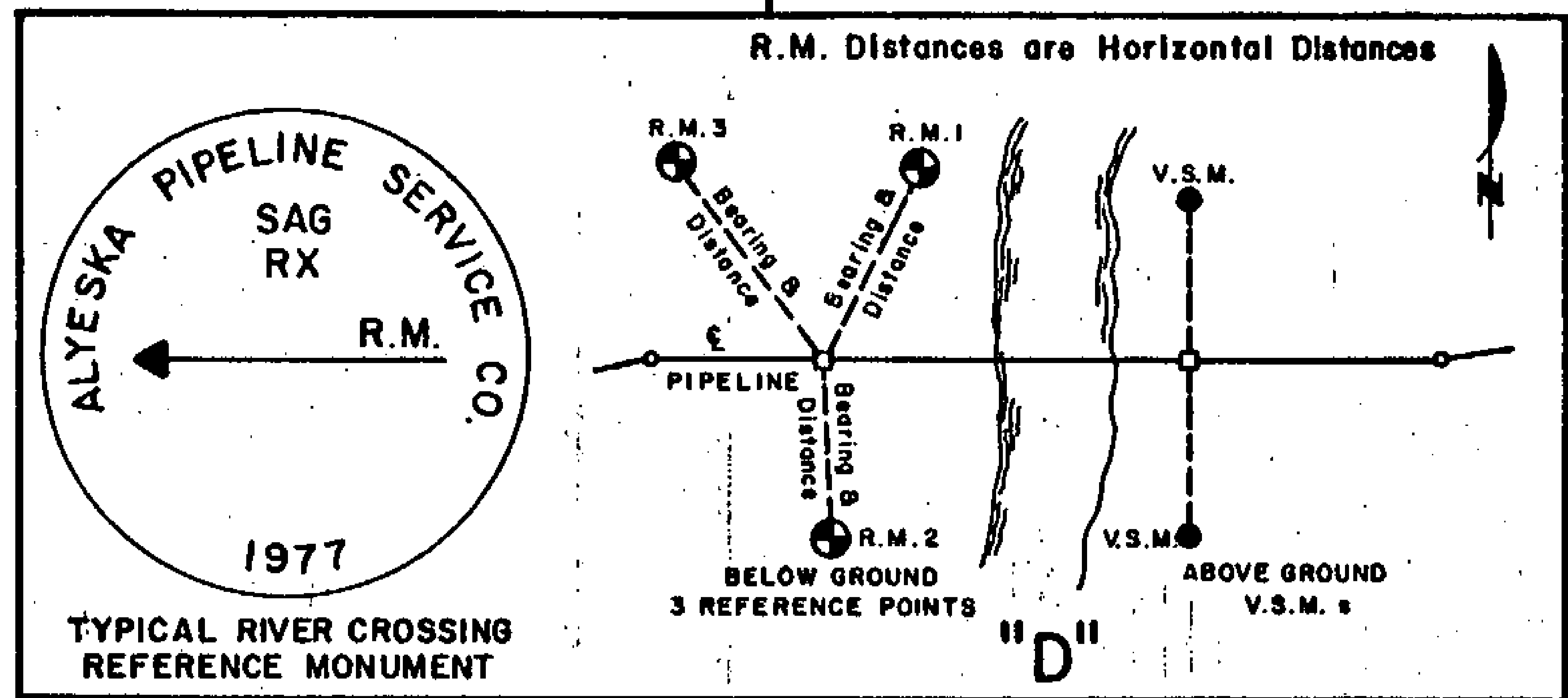
81-1
 RECORDED - FILED
 Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 At Wilson
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

TYPICAL DETAILS

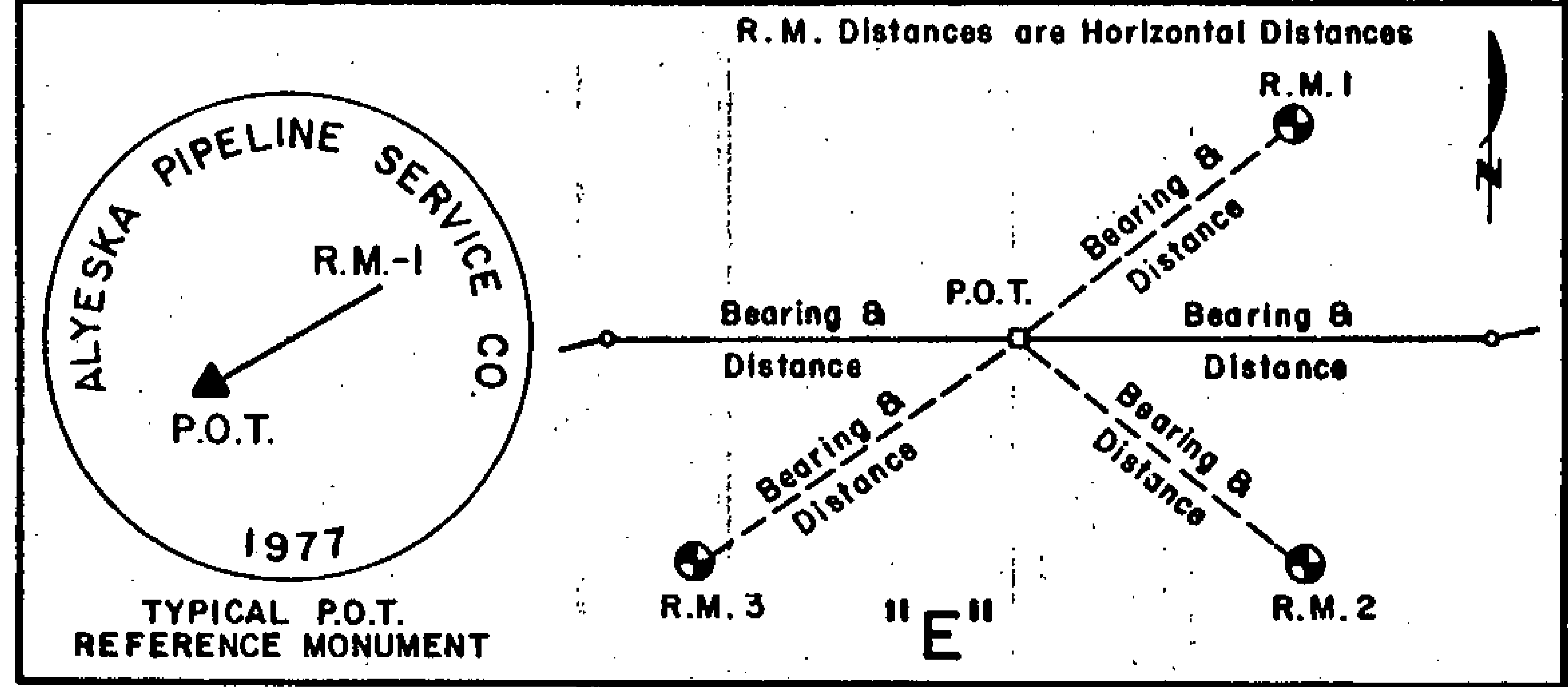
81-1
 RECORDED - FILED
Valely
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503



TYPICAL REFERENCE SYSTEM FOR ABOVE AND BELOW GROUND RIVER CROSSING REFERENCE POINTS. REFERENCE POINTS WERE ESTABLISHED AND REFERENCE MONUMENTS SET ON BOTH BANKS OF NAMED RIVERS. DISTANCES WERE MEASURED FROM THE NEAREST ANGLE POINT TO THE REFERENCE POINT AND TO THE HIGH WATER MARK ON THE BANK OF THE STREAM. REFERENCE MONUMENTS WERE TAKEN FOR THE BELOW GROUND SECTIONS USING THE SAME CRITERIA AS WAS USED FOR THE CENTERLINE SURVEY. REFERENCE MONUMENTS FOR THE ABOVE GROUND SECTIONS ARE THE TWO 18 INCH VSM s CLOSEST TO THE HIGH WATER MARK.

81-1
 RECORDED - FILED
Amundson
 DATE 1-13 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503



TYPICAL REFERENCE SYSTEM FOR LINE MONUMENTS (P.O.T. s) ESTABLISHED ON THE BELOW GROUND CENTERLINE SURVEY. P.O.T. s WERE ESTABLISHED SO AS TO MAINTAIN LINE-OF-SIGHT BETWEEN THE BELOW GROUND PORTION OF THE CENTERLINE SURVEY OR AT INTERVALS OF NOT MORE THAN APPROXIMATELY ONE-HALF MILE APART. P.O.T. s ARE SET ONLY ON THE BELOW GROUND PORTION AND ARE REFERENCED AS NORMAL CENTERLINE POINTS.

81-1
 RECORDED - FILED
A. S. Amundson
 DATE 1-13 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zamboni
 DATE 1-7 1981
 TIME 4:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Bannon
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 1
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
		BRG			BRG			BRG		
0 - 1	5.67			59.78			59.69			3.12
0 - 2	8.85			55.12			51.09			6.35
0 - 3	8.66			60.01			59.65			6.16
0 - 4	5.70			47.22			47.23			3.26
0 - 5	5.34			58.42			61.76			6.38
0 - 6	5.23			59.34			60.57			6.42
1 - 1	4.62			59.16			60.49			7.05
1 - 2	4.07			59.39			59.85			6.32
1 - 3	5.99			59.53			60.31			7.80
1 - 4	6.43			54.58			54.40			5.81
1 - 5	8.79			59.90			59.54			6.25
1 - 6	6.29			59.81			60.29			8.98
2 - 0	60.52			10.39			6.51			59.62
2 - 1	9.90			60.06			59.73			6.95
2 - 2	5.61			59.71			59.84			6.24
2 - 3	6.85			59.32			60.35			10.05
2 - 4	9.87			60.16			59.50			6.74
2 - 5	4.50			59.68			59.67			4.55
2 - 6	11.99			60.70			59.89			7.55
2 - 7	12.22			60.43			59.84			7.36
2 - 8	4.44			59.62			59.64			4.24
3		S 58 43 E	54.85		S 89 48 W	79.97		N 30 54 W	84.20	
3 - 1	4.46			59.53			59.59			4.47
3 - 2	8.59			54.90			54.24			6.51
3 - 3	8.70			59.96			59.64			6.39
3 - 4	4.66			54.11			54.15			4.50
3 - 5	10.03			60.09			59.47			6.80
3 - 6	6.86			58.65			59.30			10.03
3 - 7	5.69			57.96			63.43			9.43
3 - 8	5.79			59.00			61.25			10.71

817
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

811
 RECORDED - FILED
 Chitna REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
 Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
 Bannan REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
 St. John REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
 Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 1
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
4 - 1	5.67				59.63				60.34				9.17
4 - 2	6.22				59.72				59.94				8.60
4 - 3	10.08				59.19				58.33				6.83
4 - 4	6.79				59.64				60.14				9.96
4 - 5	10.25				60.73				59.81				6.43
4 - 6	6.19				59.81				59.27				5.60
4 - 7	60.33				8.67				6.31				59.75
5 - 0	5.90				59.79				60.27				9.15

DETAIL C

DETAIL

C-1

DETAIL	BEARING	DISTANCE	OBJECT
1	N 23 27 E	122.72	1 - 4
2	N 64 51 E	40.75	RM-1
3	S 23 27 W	458.92	1 - 5
4	S 64 51 W	104.24	RM-2

81-1

RECORDED - FILED
Valdy
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 *Christina* REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 *Fainbowles* REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 *Barnow* REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 *H. Dillon* REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 *Rampant* REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 2
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
		BRG			BRG			BRG		
5 - 1	6.38			59.65			60.07			8.78
5 - 2	8.61			60.13			59.82			6.55
5 - 3	10.13			60.08			59.57			6.87
5 - 4	6.82			59.76			60.74			9.88
5 - 5	6.88			59.63			60.13			10.13
5 - 6	10.13			60.48			59.75			6.80
5 - 7	9.90			60.63			59.72			6.90
5 - 8	6.83			59.76			60.61			10.13
5 - 9	6.90			59.70			60.21			10.13
5 - 10	9.83			60.38			59.77			6.86
5 - 11	9.99			60.08			59.66			6.70
5 - 12	6.74			59.63			60.70			9.93
5 - 13	6.80			59.45			60.30			10.16
5 - 14	10.01			60.70			59.90			6.87
5 - 15	9.87			59.55			60.31			6.85
5 - 16	7.08			59.78			60.65			10.20
5 - 17	6.82			59.50			60.40			10.14
5 - 18	9.97			60.28			58.90			6.86
5 - 19	10.04			60.22			59.73			6.85
5 - 20	6.85			59.47			60.66			10.13
5 - 21	6.88			59.54			60.54			10.05
5 - 22	9.96			60.27			59.45			7.01
5 - 23	10.18			60.31			59.61			6.85
5 - 24	6.89			59.77			60.64			9.91
6 - 0	59.48			5.92			10.72			60.15
6 - 1	6.86			59.73			60.30			9.86
6 - 2	7.72			59.29			59.97			5.94
6 - 3	10.21			60.26			59.44			6.73
6 - 4	6.78			59.88			60.42			10.24

81-1
 RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fainbush
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. John
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 2
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL C

DETAIL

C-1

	BEARING	DISTANCE	OBJECT
1	N 10 09 W	366.00	5 -18
2	N 89 59 E	56.02	RM-1
3	S 10 09 E	1056.89	5 -19
4	S 89 59 W	77.69	RM-2

81-1
 RECORDED - FILED
Valdy
 REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Christina
 REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Fairbanks
 REC. DIST.
 DATE 1-7 1981
 TIME 1:37 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Barrow
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Rampart
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
At Siltom
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

ALIGNMENT SHEET 3
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
6 - 5	6.55				59.63				60.16				10.08
6 - 6	9.89				60.68				59.91				6.81
6 - 7	10.11				60.30				59.72				6.75
6 - 8	6.82				59.96				60.75				9.79
6 - 9	6.80				59.45				60.10				9.98
6 -10	9.94				60.41				60.12				6.81
6 -11	10.72				60.62				59.82				6.17
6 -12	6.82				59.75				60.41				10.05
6 -13	7.07				59.78				60.61				9.67
6 -14	10.12				60.60				59.71				6.46
6 -15	9.95				60.20				59.58				7.16
6 -16	6.42				59.31				59.99				10.31
6 -17	5.74				59.97				59.33				6.25
6 -18	59.22				6.21				8.57				60.11
6 -19	5.95				59.68				60.06				8.88
7 - 1	5.88				59.55				60.23				7.73
7 - 2	8.62				61.88				61.45				6.54
7 - 3	6.66				60.11				60.61				9.99
7 - 4	10.41				60.23				59.34				6.75
7 - 5	10.15				60.23				59.87				6.69
7 - 6	6.89				60.06				60.97				12.75
7 - 7	10.54				60.44				59.91				6.26
7 - 8	12.10				59.83				60.52				16.06
7 - 9	5.44				59.81				59.83				6.38
7 -10	59.56				5.84				5.71				59.59
8 - 0	60.89				6.54				4.95				58.11
8 - 1	5.61				59.86				59.68				3.32
8 - 2	10.21				60.89				59.56				7.15
8 - 3	9.99				59.85				59.65				6.81
8 - 4	4.66				58.90				59.54				4.35

811
 RECORDED - FILED
Valdys
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
Zambanks
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
A. Dillon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

811
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 9:30 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 3
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RMI	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
9		N 34 52 E		47.08	S 59 11 E			41.97	S 80 13 W			71.07	
10		N 37 22 E		45.30	S 80 6 E			20.55	S 16 60 E			40.80	

DETAIL C

DETAIL

C-1

	BEARING	DISTANCE	OBJECT
1	N 22 12 E	1221.12	10 - 0
2	N 89 59 E	54.25	RM-1
3	S 22 12 W	23183.29	11 - 0
4	S 89 59 W	112.21	RM-2

DETAIL E

DETAIL

E-1

OBJECT	BEARING	DISTANCE	OBJECT
POT	N 22 12 E	3050.56	10 - 0
POT	S 22 12 W	21353.85	11 - 0
	N 66 6 E	40.29	RM-1
	S 41 48 E	51.19	RM-2
	N 64 1 W	83.16	RM-3

81-1
 RECORDED - FILED
Valdey
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fambro
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Sutton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 5:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 4
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1		VSM-2	RM2		VSM-3	RM3		VSM-4
	BRG		DIST	BRG		DIST	BRG		DIST	
11	N 54 16 E		23.82	S 9 32 E		26.61	N 68 53 W		65.41	
12	N 41 17 E		45.70	S 10 57 E		48.25	N 76 58 W		65.42	
13	N 66 55 E		33.44	S 23 42 E		40.61	N 72 13 W		97.70	

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 22 12 E	6101.22	10 - 0
	POT	S 22 12 W	18303.19	11 - 0
		N 77 29 E	59.91	RM-1
		S 37 50 E	58.07	RM-2
		N 64 17 W	83.16	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 22 12 E	9151.78	10 - 0
	POT	S 22 12 W	15252.63	11 - 0
		N 74 2 E	57.29	RM-1
		S 40 30 E	46.13	RM-2
		N 68 50 W	84.00	RM-3

81-1
 RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lain Frank
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Gibson
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

95

ALIGNMENT SHEET 4
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 22 12 E	12202.28	10 - 0
	POT	S 22 12 W	12202.13	11 - 0
		N 65 45 E	78.54	RM-1
		S 44 3 E	68.35	RM-2
		N 67 37 W	96.26	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 22 12 E	15252.78	10 - 0
	POT	S 22 12 W	9151.63	11 - 0
		N 74 42 E	50.67	RM-1
		S 28 41 E	54.89	RM-2
		N 68 44 W	85.44	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 22 12 E	18303.35	10 - 0
	POT	S 22 12 W	6101.06	11 - 0
		N 72 16 E	47.23	RM-1
		S 35 8 E	44.02	RM-2
		N 65 43 W	78.67	RM-3

81-1
 RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81
 RECORDED - FILED
Chitina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81
 RECORDED - FILED
Fainbank
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81
 RECORDED - FILED
Barnes
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81
 RECORDED - FILED
A. Burton
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81
 RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 4
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 22 12 E	21353.92	10 - 0
	POT	S 22 12 W	3050.49	11 - 0
		N 68 41 E	37.52	RM-1
		S 34 34 E	35.22	RM-2
		N 68 31 W	79.19	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-7	POT	N 18 9 E	2260.48	11
	POT	S 18 9 W	2085.74	12
		N 63 0 E	54.40	RM-1
		S 25 56 E	56.98	RM-2
		N 70 16 W	86.50	RM-3

81-1
 RECORDED - FILED
Vally REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fantombke REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St Gilbert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	VSM-2	RM2	VSM-3	RM3	VSM-4
	BRG	DIST	BRG	DIST	BRG	DIST	
14	N 58 54 E	36.98	S 33 37 E	42.08	N 65 42 W	70.27	
15	N 23 7 E	32.92	S 17 41 E	33.89	N 89 27 W	68.79	
16	N 41 56 E	35.91	S 23 58 E	30.33	N 73 31 W	71.94	
17	N 55 4 E	32.20	S 25 22 E	44.83	N 74 13 W	61.86	
18	N 60 55 E	26.32	S 8 57 E	29.99	N 66 52 W	72.54	
19	S 76 48 W	76.09	N 68 39 W	63.67	N 29 22 W	81.58	

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 23 41 E	1693.27	16 - 0
	POT	S 23 41 W	1696.11	17 - 0
		N 71 13 E	61.77	RM-1
		S 30 9 E	58.47	RM-2
		N 67 20 W	83.53	RM-3

81-1
 RECORDED - FILED
Vaddy
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lamborn
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnow
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Miller
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 15 42 E	1645.45	17 - 0
	POT	S 15 42 W	1682.06	18 - 0
		N 57 54 E	48.23	RM-1
		S 30 31 E	49.80	RM-2
		N 75 5 W	82.90	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 33 44 E	2618.49	18 - 0
	POT	S 33 44 W	3986.28	19 - 0
		N 66 29 E	43.05	RM-1
		S 5 37 W	57.60	RM-2
		N 75 5 W	81.67	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 33 44 E	3986.96	18 - 0
	POT	S 33 44 W	2617.81	19 - 0
		N 84 13 E	112.76	RM-1
		N 16 4 W	151.75	RM-2
		N 16 4 W	256.66	RM-3

81-1
 RECORDED - FILED
Valdi REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fantasia REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Sidlow REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 8 39 E	2889.62	19 - 0
	POT	S 8 39 W	10957.67	20 - 0
		N 70 12 E	67.82	RM-1
		S 55 50 E	60.48	RM-2
		N 46 43 W	119.02	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 8 39 E	5622.76	19 - 0
	POT	S 8 39 W	8224.53	20 - 0
		N 53 8 E	47.22	RM-1
		S 29 41 E	54.50	RM-2
		N 84 14 W	75.95	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-7	POT	N 8 39 E	8342.90	19 - 0
	POT	S 8 39 W	5504.39	20 - 0
		N 56 7 E	50.52	RM-1
		S 39 51 E	48.75	RM-2
		N 82 44 W	79.29	RM-3

81-1
 RECORDED - FILED
Valdiz
 REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fainstombs
 REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. B. B...
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 5
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL

OBJECT

BEARING

DISTANCE

OBJECT

E-8

POT
 POT

N 8 39 E
 S 8 39 W
 N 56 1 E
 S 46 46 E
 N 86 29 W

11030.76
 2816.53
 58.67
 58.89
 82.52

19 - 0
 20 - 0
 RM-1
 RM-2
 RM-3

81-1
 RECORDED - FILED
Valdy
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitina
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zanlenks
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banow
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Isidore
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1			DIST	VSM-2			DIST	VSM-3			DIST	VSM-4		
	BRG	RM1	BRG		BRG	RM2	BRG		RM3	BRG	RM3				
20	N 39 11 E			28.75	S 8 16 E			34.44	N 74 45 W			74.16			
21	N 69 33 E			62.42	S 65 32 E			41.45	N 88 12 W			64.23			
21A	N 61 18 E			46.14	S 49 38 E			53.52	N 82 57 W			68.91			
22	S 64 53 W			63.23	N 84 31 W			58.89	N 51 1 W			75.07			
23	N 47 21 E			78.48	S 59 21 E			85.19	S 79 4 W			59.61			
24	N 27 20 E			50.66	S 71 23 E			52.82	S 71 41 W			74.91			
24A	S 74 27 W			131.91	N 89 14 W			110.80	N 69 59 W			104.91			
25	S 49 49 W			97.76	S 83 46 W			88.38	N 69 11 W			92.72			

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 20 38 E	2146.55	20 - 0
	POT	S 20 38 W	4533.65	21 - 0
		N 61 52 E	54.51	RM-1
		S 19 54 E	60.55	RM-2
		N 70 37 W	78.55	RM-3

81-1 **Valley** RECORDED - FILED REC. DIST. DATE 1-12 19 81 TIME 10:10 AM Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503

81-1 **Intine** RECORDED - FILED REC. DIST. DATE 1-12 19 81 TIME 10:20 AM Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503

81-1 **Fambler** RECORDED - FILED REC. DIST. DATE 1-7 19 81 TIME 1:39 PM Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503

81-1 **Bannon** RECORDED - FILED REC. DIST. DATE 1-7 19 81 TIME 2:13 PM Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503

81-1 **St Gilbert** RECORDED - FILED REC. DIST. DATE 1-7 19 81 TIME 2:13 PM Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503

81-1 **Rampart** RECORDED - FILED REC. DIST. DATE 1-7 19 81 TIME 2:13 PM Requested by AS/DNR 102 703 W. NORTHERN LTS. ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 20 38 E	4342.23	20 - 0
	POT	S 20 38 W	2337.97	21 - 0
		N 78 30 E	61.63	RM-1
		S 25 0 E	65.00	RM-2
		N 69 30 W	50.33	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 6 28 E	3020.16	21 - 0
	POT	S 6 28 W	6040.22	21A - 0
		N 54 22 E	62.82	RM-1
		S 44 35 E	67.16	RM-2
		N 88 7 W	74.42	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 6 28 E	6040.20	21 - 0
	POT	S 6 28 W	3020.18	21A - 0
		N 59 23 E	57.88	RM-1
		S 44 1 E	58.44	RM-2
		N 82 49 W	75.60	RM-3

81-1
~~RECORDED - FILED~~
Vally REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Fainstambles REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Bannon REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Rampant REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
A. Silton REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 6
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 4 37 E	2735.27	21A- 0
	POT	S 4 37 W	2453.02	22 - 0
		S 61 23 W	100.91	RM-1
		S 61 23 W	169.42	RM-2
		N 70 18 W	87.34	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 1 46 W	1611.12	22 - 0
	POT	S 1 46 E	1694.01	23 - 0
		N 43 18 E	79.26	RM-1
		S 40 25 E	88.32	RM-2
		S 87 5 W	76.82	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-7	POT	N 19 16 W	2018.20	23 - 0
	POT	S 19 16 E	1991.26	24 - 0
		N 16 7 E	75.61	RM-1
		S 63 33 E	63.70	RM-2
		S 69 13 W	72.20	RM-3

81-1 **RECORDED - FILED**
Vally REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 **RECORDED - FILED**
Christina REC. DIST.
 DATE 1-7 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 **RECORDED - FILED**
Airborne REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 **RECORDED - FILED**
Barnow REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 **RECORDED - FILED**
Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1 **RECORDED - FILED**
St. John REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

104

ALIGNMENT SHEET 7
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	VSM-2	RM2	VSM-3	RM3	VSM-4
	BRG	DIST	BRG	DIST	BRG	DIST	
26	N 54 8 E	64.00	S 47 27 E	70.13	S 88 54 W	79.45	
27	N 60 44 E	65.41	S 54 51 E	72.10	N 88 8 W	65.39	
28	N 46 33 E	95.66	S 81 1 E	99.38	S 74 49 W	58.98	
29	N 18 11 E	29.24	S 69 18 E	32.60	S 62 40 W	68.35	
30	N 27 40 E	73.16	S 77 34 E	69.07	S 75 11 W	73.16	
31	N 26 10 E	67.15	S 77 37 E	50.42	S 74 33 W	80.40	

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 5 41 E	2221.54	26 - 0
	POT	S 5 41 W	3025.83	27 - 0
		N 56 32 E	60.04	RM-1
		S 42 10 E	66.21	RM-2
		N 84 24 W	86.05	RM-3

81-1
~~RECORDED - FILED~~
Valdez REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Jainkumar REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Barrow REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
A. S. Wilson REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 185
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 7
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 2 48 W	2447.51	27 - 0
	POT	S 2 48 E	2332.12	28 - 0
		N 44 27 E	68.91	RM-1
		S 47 0 E	71.45	RM-2
		S 85 38 W	73.00	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 29 12 W	1894.53	29 - 0
	POT	S 29 12 E	1744.23	30 - 0
		N 23 19 E	63.39	RM-1
		S 76 34 E	70.25	RM-2
		S 56 54 W	75.60	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 13 40 W	1987.43	31 - 0
	POT	S 13 40 E	11203.87	32 - 0
		N 31 49 E	74.35	RM-1
		S 57 57 E	71.54	RM-2
		S 76 14 W	73.88	RM-3

81-1

RECORDED - FILED
Valdez REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Zantanka REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
H. M. Silva REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 7
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 13 40 W	4500.91	31 - 0
	POT	S 13 40 E	8690.39	32 - 0
		N 35 9 E	74.13	RM-1
		S 65 11 E	74.46	RM-2
		S 75 43 W	74.46	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 13 40 W	7322.51	31 - 0
	POT	S 13 40 E	5868.79	32 - 0
		N 32 15 E	77.66	RM-1
		S 70 23 E	66.76	RM-2
		S 75 56 W	86.29	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-7	POT	N 13 40 W	10114.99	31 - 0
	POT	S 13 40 E	3076.31	32 - 0
		N 34 25 E	76.96	RM-1
		S 63 1 E	76.97	RM-2
		S 74 50 W	78.50	RM-3

81-1

RECORDED - FILED
Valdys REC. DIST.
 DATE 1-12-81 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Christina REC. DIST.
 DATE 1-12-81 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Jankowski REC. DIST.
 DATE 1-7-81 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Barnon REC. DIST.
 DATE 1-7-81 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7-81 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

RECORDED - FILED
J. D. Sillan REC. DIST.
 DATE 1-7-81 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 8
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	VSM-2	RM2	VSM-3	RM3	VSM-4
	BRG	DIST	BRG	DIST	BRG	DIST	
32	N 46 25 E	72.65	S 72 54 E	75.67	S 76 54 W	72.82	
33	N 53 0 E	62.11	S 53 53 E	65.36	N 87 58 W	105.70	
34	N 64 5 E	43.27	S 49 33 E	50.38	N 85 22 W	73.61	
35	N 60 58 E	83.40	S 77 56 E	78.66	S 84 19 W	69.20	

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 11 28 W	2056.19	32 - 0
	POT	S 11 28 E	4150.68	33 - 0
		N 30 8 E	61.64	RM-1
		S 54 31 E	55.58	RM-2
		S 78 8 W	74.55	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 11 28 W	4158.13	32 - 0
	POT	S 11 28 E	2048.74	33 - 0
		N 45 32 E	64.44	RM-1
		S 57 14 E	69.52	RM-2
		S 78 28 W	75.80	RM-3

81-1
 RECORDED - FILED
Valdery
 REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCOA, VA

81-1
 RECORDED - FILED
Christina
 REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCOA, VA

81-1
 RECORDED - FILED
Jamie
 REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCOA, VA

81-1
 RECORDED - FILED
Banner
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCOA, VA

81-1
 RECORDED - FILED
Rampart
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCOA, VA

81-1
 RECORDED - FILED
St. Helton
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 108 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCOA, VA

ALIGNMENT SHEET 8
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 1 22 E	3132.31	33 - 0
	POT	S 1 22 W	9073.80	34 - 0
		N 36 16 E	58.10	RM-1
		S 43 55 E	43.60	RM-2
		N 88 56 W	75.13	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 1 22 E	6132.60	33 - 0
	POT	S 1 22 W	6073.51	34 - 0
		N 41 55 E	48.85	RM-1
		S 33 12 E	58.02	RM-2
		N 87 50 W	80.50	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 1 22 E	9195.79	33 - 0
	POT	S 1 22 W	3010.32	34 - 0
		N 38 56 E	72.55	RM-1
		N 89 51 E	43.11	RM-2
		S 36 44 E	69.73	RM-3

81-1
 RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Chitwa
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Lambert
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Barnes
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
A. Gilbert
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

ALIGNMENT SHEET 8
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 4 21 E	2500.23	34 - 0
	POT	S 4 21 W	6746.07	35 - 0
		N 56 14 E	52.77	RM-1
		S 50 57 E	52.61	RM-2
		N 85 9 W	80.17	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-7	POT	N 4 21 E	4722.18	34 - 0
	POT	S 4 21 W	4524.12	35 - 0
		N 65 31 E	61.67	RM-1
		S 55 22 E	62.75	RM-2
		N 85 34 W	72.05	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-8	POT	N 4 21 E	6793.97	34 - 0
	POT	S 4 21 W	2452.33	35 - 0
		N 64 40 E	61.52	RM-1
		S 48 40 E	65.14	RM-2
		N 85 10 W	75.55	RM-3

81-1
 RECORDED - FILED
Vaddy
 REC. DIST.
 DATE 1-12-81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christa
 REC. DIST.
 DATE 1-12-81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Dambaker
 REC. DIST.
 DATE 1-7-81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST.
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Milton
 REC. DIST.
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST.
 DATE 1-7-81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503
 110

ALIGNMENT SHEET 9
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
36	N 34 31 E	64.97	S 63 55 E	62.73	S 73 10 W	77.84				
37	N 49 5 E	61.73	S 59 27 E	58.36	S 83 47 W	75.34				
38	N 51 25 E	62.01	S 74 28 E	62.02	S 75 52 W	69.08				
39	N 76 41 E	40.85	S 53 60 W	119.67	S 87 56 W	124.11				
40	N 47 58 E	72.16	S 73 9 E	62.98	S 83 47 W	72.86				
41	N 23 10 E	41.83	S 54 8 E	56.60	S 39 38 W	96.97				
42	N 37 15 E	80.72	S 83 40 E	77.96	S 65 56 W	76.15				

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 17 43 W	3046.73	35 - 0
	POT	S 17 43 E	8334.26	36 - 0
		N 40 32 E	69.04	RM-1
		S 79 35 E	72.77	RM-2
		S 74 52 W	67.29	RM-3

81-1
 RECORDED - FILED
Valdy
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fambanks
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Sultan
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 9
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 17 43 W	5751.69	35 - 0
	POT	S 17 43 E	5629.30	36 - 0
		N 27 39 E	63.11	RM-1
		S 65 20 E	59.10	RM-2
		S 73 5 W	72.17	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 17 43 W	8539.24	35 - 0
	POT	S 17 43 E	2841.75	36 - 0
		N 33 3 E	62.80	RM-1
		S 67 50 E	65.22	RM-2
		S 64 58 W	71.16	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 14 39 W	1723.32	36 - 0
	POT	S 14 39 E	2089.42	37 - 0
		N 33 40 E	79.44	RM-1
		S 63 31 E	82.00	RM-2
		S 63 9 W	75.65	RM-3

81-1
 RECORDED - FILED
Vady
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christa
 REC. DIST. _____
 DATE 1-17 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Faulstich
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.

81-1
 RECORDED - FILED
A. S. S. S.
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 9
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 4 18 W	2908.31	37 - 0
	POT	S 4 18 E	2919.10	38 - 0
		N 33 21 E	80.46	RM-1
		S 64 28 E	63.23	RM-2
		S 88 24 W	82.98	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 12 26 W	2033.54	39 - 0
	POT	S 12 26 E	2312.37	40 - 0
		N 36 18 E	79.16	RM-1
		S 68 44 E	68.59	RM-2
		S 76 19 W	92.01	RM-3

81-1
 RECORDED - FILED
Vally
 REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Chama
 REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Fambanks
 REC. DIST.
 DATE 1-7 1981
 TIME 1:39 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Barnes
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Gilbert
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 9

ALIGNMENT SHEET 10
REFERENCE MONUMENTS
3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
43	N 31 39 E		83.45	N 85 19 E		95.01	S 72 18 W		84.20	
44	N 52 3 E		70.04	S 74 30 E		55.63	S 83 21 W		80.69	
45	N 63 5 E		72.14	S 64 48 E		73.98	S 86 29 W		70.29	
46	N 40 8 E		71.04	S 72 17 E		75.14	S 77 19 W		67.61	
47	N 27 38 E		75.79	S 72 2 E		79.46	S 67 51 W		66.08	
48	N 32 47 E		71.82	S 88 28 E		63.69	S 69 5 W		89.69	
48A	N 35 9 E		59.07	S 65 58 E		52.83	S 78 20 W		75.41	

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 10 2 W	1939.90	43 - 0
	POT	S 10 2 E	1838.81	44 - 0
		N 38 40 E	59.61	RM-1
		S 53 47 E	70.14	RM-2
		N 66 9 W	94.08	RM-3

81-1
RECORDED - FILED
Vaddy
REC. DIST.
DATE 1-12 19 81
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
REC. DIST.
DATE 1-12 19 81
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sandromb
REC. DIST.
DATE 1-7 19 81
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barron
REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. John
REC. DIST.
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rumpert
REC. DIST.
DATE 1-7 19 81
TIME 2:14 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 10
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 8 52 W	1981.27	45 - 0
	POT	S 8 52 E	1468.33	46 - 0
		N 43 6 E	81.45	RM-1
		S 58 21 E	88.51	RM-2
		S 69 22 W	81.32	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 29 8 W	2388.74	47 - 0
	POT	S 29 8 E	1587.86	48 - 0
		N 13 46 E	76.42	RM-1
		N 64 22 E	60.10	RM-2
		S 72 7 E	76.46	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 24 25 W	2548.69	48 - 0
	POT	S 24 25 E	5384.15	48A - 0
		N 3 43 E	81.55	RM-1
		N 60 39 E	63.52	RM-2
		S 73 3 E	119.34	RM-3

81-1
 RECORDED - FILED
Valdez REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Fambro REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Sullivan REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

ALIGNMENT SHEET 10
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 24 25 W	5130.45	48 - 0
	POT	S 24 25 E	2802.39	48A - 0
		N 17 45 E	58.14	RM-1
		N 72 34 E	48.79	RM-2
		S 61 26 E	60.17	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 6 29 W	2538.12	48A - 0
	POT	S 6 29 E	4529.39	48A - 1
		N 39 10 E	79.79	RM-1
		N 82 59 E	61.69	RM-2
		S 46 0 E	79.97	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-7	POT	N 6 29 W	4951.66	48A - 0
	POT	S 6 29 E	2115.85	48A - 1
		N 31 16 E	92.79	RM-1
		N 78 24 E	65.64	RM-2
		S 44 10 E	94.33	RM-3

81-1
 RECORDED - FILED
Valdy
 REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Fantone
 REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Bannon
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Rampart
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. B. Wilson
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 11
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
48A- 1	4.30				54.70				54.65				4.40
48A- 2	10.11				57.44				56.99				6.59
48A- 3	10.10				60.22				59.85				6.70
48A- 4	6.22				51.33				51.34				3.03
48A- 5	6.22				59.83				59.69				5.66
48A- 6	5.56				57.30				57.37				6.24
48A- 7	6.44				49.81				50.18				8.73
48A- 8	10.02				60.33				59.74				6.89
48A- 9	6.80				59.76				60.24				10.12
48A-10	10.00				60.35				59.67				6.67
48A-11	10.22				60.28				59.80				6.75
48A-12	6.07				60.79				59.72				10.61
48A-13	6.95				59.51				60.21				9.99
48A-14	9.96				60.45				59.68				6.77
48A-15	10.08				60.03				59.66				6.82
48A-16	6.72				59.72				60.48				9.90
48A-17	6.89				59.83				60.32				9.84
48A-18	60.30				9.98				6.87				59.61
48A-19	10.10				60.13				59.69				6.92
48A-20	6.80				59.74				60.39				10.00
48A-21	6.38				59.47				60.14				8.66
48A-22	8.56				60.08				59.59				6.32
48A-23	59.74				8.04				5.59				59.44
49 - 1	61.59				9.03				5.91				58.93
49 - 2	7.44				59.57				59.25				5.93
49 - 3	59.49				3.73				6.32				60.19
49 - 4	6.21				59.52				59.98				8.47
49 - 5	10.07				61.66				60.94				6.94
49 - 6	12.23				60.94				59.68				7.52
49 - 7	6.32				57.62				58.44				8.71

81-1
 RECORDED - FILED
Vadny
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jambonhs
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnow
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Ft. Sibton
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 11
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
49 - 8	5.86				59.60				59.41				3.05
49 - 9	12.24				60.75				59.81				7.48
49 -10	12.14				59.94				59.77				7.62
49 -11	59.55				5.90				3.04				59.46
49 -12	58.65				5.92				3.00				58.94
49 -13	59.93				9.02				6.35				59.59
49 -14	60.52				8.93				6.45				59.85
49 -15	59.49				4.91				5.47				59.28
50 - 0	58.51				4.62				6.02				60.94
50 - 1	59.26				6.31				8.68				59.73
50 - 2	60.42				10.00				6.94				60.10
50 - 3	60.45				10.04				6.83				59.70
50 - 4	59.61				6.87				9.84				60.12
50 - 5	60.55				10.31				7.00				59.76
50 - 6	59.76				6.76				10.48				60.08
50 - 7	50.13				7.19				9.77				50.94

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Kambouhs
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Dalton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 118 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 12
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
50 - 8	60.26				10.24				6.65				59.76
50 - 9	49.89				4.53				3.92				50.12
50 -10	54.93				10.01				6.81				54.68
50 -11	56.01				10.76				6.39				54.91
50 -12	55.04				4.78				5.70				54.79
51		S	80 15 E	70.55		S	75 29 W	126.29		N	45 22 W	122.54	
52		S	46 11 E	62.85		S	87 57 W	112.66		N	9 21 W	107.98	
53		S	38 44 E	59.23		N	69 43 W	90.41		N	11 28 W	87.22	
54		S	65 27 E	205.95		S	86 49 W	234.09		N	41 46 W	178.03	
55		S	62 56 E	170.42		N	89 21 W	182.15		N	43 2 W	153.33	
56		S	55 36 E	87.84		S	83 38 W	70.21		N	8 38 W	71.27	
56A		S	55 45 E	96.67		S	87 5 W	93.05		N	17 5 W	96.91	
56B		S	47 21 E	127.48		S	81 51 W	73.22		N	6 7 W	77.97	
56C		N	81 27 E	121.17		S	29 34 E	122.97		N	64 45 W	72.07	
56D		S	63 2 E	96.85		S	71 20 W	90.76		N	24 59 W	90.67	

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jacobson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Hilborn
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 12
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	54 -00	S 11 23 W	281.31	LT BANK
	LT BANK	S 11 23 W	2664.45	RT BANK
	RT BANK	S 11 23 W	1525.39	55 -00
	LT BANK RM	S 65 27 E	205.96	RM-1
		S 86 49 W	234.10	RM-2
		N 41 46 W	178.03	RM-3
	RT BANK RM	N 63 48 E	99.54	RM-1
		S 46 03 W	146.21	RM-2
		S 84 34 W	108.90	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 44 4 E	2094.62	52 - 0
	POT	S 44 4 W	5364.26	53 - 0
		S 49 44 E	58.70	RM-1
		N 89 6 W	109.57	RM-2
		N 6 33 W	103.73	RM-3

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fairbanks REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. D. Baker REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 12
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 44 4 E	4790.70	52 - 0
	POT	S 44 4 W	2668.18	53 - 0
		S 45 22 E	59.36	RM-1
		N 86 52 W	97.46	RM-2
		N 10 33 W	89.70	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 40 43 E	2641.92	55 - 0
	POT	S 40 43 W	2710.03	56 - 0
		S 49 15 E	79.60	RM-1
		N 85 39 W	67.64	RM-2
		N 6 49 W	86.91	RM-3

81-1
 RECORDED - FILED
Valeby REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fainbombe REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Gilbert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503
 121

ALIGNMENT SHEET 13
REFERENCE MONUMENTS
3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	BRG	DIST	VSM-2	RM2	BRG	DIST	VSM-3	RM3	BRG	DIST	VSM-4
56E		S 85 1 W		121.38		N 53 60 W		90.59		N 13 10 W		119.64	
56F		S 51 37 E		101.66		S 83 48 W		120.82		N 14 37 W		82.66	
56G		S 65 44 W		126.63		N 71 36 W		87.63		N 19 25 W		117.89	
56H		S 68 41 E		75.32		S 69 35 W		114.66		N 28 5 W		90.19	
57		S 77 33 E		133.40		S 52 4 W		61.50		N 33 51 W		76.47	
58		N 77 55 E		94.07		S 29 25 W		148.47		N 51 39 W		102.44	
59		S 78 51 E		152.20		S 68 20 W		108.05		N 52 5 W		127.34	
60		S 26 43 W		239.35		S 47 56 W		180.40		S 77 20 W		183.70	
61		N 77 32 E		109.30		S 56 13 E		107.94		N 76 38 W		87.52	
62		N 79 54 E		86.35		S 40 52 E		79.84		N 64 53 W		70.57	

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	59 -00	S 25 41 W	285.20	RT BANK
	RT BANK	S 25 41 W	3789.10	LT BANK 60
D-1	RT BANK RM	S 78 51 E	152.20	RM-1
		S 68 20 W	108.06	RM-2
		N 52 5 W	127.34	RM-3
D-1	LT BANK RM	S 26 42 W	239.36	RM-1
		S 47 55 W	180.40	RM-2
		S 77 20 W	183.70	RM-3

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
DATE 1-7 1981
TIME 2:3 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fambles REC. DIST.
DATE 1-7 1981
TIME 1:39 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Sibler REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503
122

ALIGNMENT SHEET 13
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 31 48 E	1030.14	56H- 0
	POT	S 31 48 W	2418.21	57 - 0
		N 88 17 E	87.88	RM-1
		S 61 14 E	73.35	RM-2
		S 25 40 E	90.21	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 14 36 W	2034.64	58 - 0
	POT	S 14 36 E	1774.07	59 - 0
		N 80 58 E	93.50	RM-1
		S 27 11 W	85.45	RM-2
		N 63 27 W	75.27	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 8 20 E	793.83	60 - 0
	POT	S 8 20 W	7096.03	61 - 0
		S 49 11 W	89.09	RM-1
		N 81 3 W	78.09	RM-2
		N 41 7 W	103.14	RM-3

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-17 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fambanks REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barron REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Hilborn REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 13
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 8 20 E	3784.62	60 - 0
	POT	S 8 20 W	4105.24	61 - 0
		S 77 0 E	108.55	RM-1
		S 69 50 W	76.23	RM-2
		N 45 2 W	89.29	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 8 20 E	6234.52	60 - 0
	POT	S 8 20 W	1655.34	61 - 0
		S 77 1 E	87.50	RM-1
		S 60 23 W	67.35	RM-2
		N 37 16 W	81.16	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 19 14 E	1902.24	61 - 0
	POT	S 19 14 W	4567.33	62 - 0
		N 72 12 E	110.16	RM-1
		S 72 58 E	94.60	RM-2
		S 32 10 E	105.16	RM-3

81-1
 RECORDED - FILED
Vaddy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fairbanks REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bassett REC. DIST.
 DATE 1-7 1981
 TIME 2:13 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Hilton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 13
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL

OBJECT

BEARING

DISTANCE

OBJECT

E-7

POT
 POT

N 19 14 E
 S 19 14 W
 N 78 13 E
 S 33 35 E
 N 71 33 W

4378.67
 2090.90
 96.16
 102.95
 114.41

61 - 0
 62 - 0
 RM-1
 RM-2
 RM-3

81-1
 RECORDED - FILED
Valdov REC. DIST.
 DATE 1-12 1981
 TIME 10:10 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fambro REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Subron REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 125
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 14
REFERENCE MONUMENTS
3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
63	S 65 25 E			87.82	S 77 8 W			55.22	N 32 9 W			59.07	
64	S 82 45 E			74.90	S 62 18 W			65.02	N 54 31 W			65.52	
65	N 61 24 E			98.02	S 62 20 E			100.09	N 89 52 W			91.79	
66	S 85 4 E			73.21	S 63 26 W			77.08	N 56 54 W			89.41	
67	S 75 36 E			110.61	S 68 55 W			84.91	N 35 29 W			83.59	
68	S 77 51 E			79.19	S 59 18 W			76.85	N 36 2 W			70.46	
69	N 87 60 E			119.29	S 50 14 W			138.27	N 47 38 W			172.98	

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	69 -00	S 39 17 E	838.40	LT BANK RM
	LT BANK RM	S 39 17 E	1933.46	RT BANK
	RT BANK	S 39 17 E	55.00	RT BANK RM
	RT BANK RM	S 39 17 E	2190.44	70 -00
	LT BANK RM	N 10 40 E	164.18	RM-1
		S 10 40 W	200.70	RM-2
		S 47 24 W	242.10	RM-3
	RT BANK RM	N 28 55 E	60.15	RM-1
		S 4 14 W	84.21	RM-2
		S 66 03 W	71.88	RM-3

81-1
RECORDED - FILED
Valley
REC. DIST. _____
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
REC. DIST. _____
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambales
REC. DIST. _____
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Gibson
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 14
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 12 46 E	2674.96	63 - 0
	POT	S 12 46 W	4842.89	64 - 0
		N 73 04 E	91.57	RM-1
		S 45 58 E	90.10	RM-2
		N 75 15 W	58.69	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 12 46 E	4829.34	63 - 0
	POT	S 12 46 W	2688.51	64 - 0
		S 75 49 E	78.76	RM-1
		S 67 12 W	74.45	RM-2
		N 42 17 W	71.15	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 4 59 E	1893.45	64 - 0
	POT	S 4 59 W	4984.87	65 - 0
		S 84 44 E	88.66	RM-1
		S 60 29 W	71.50	RM-2
		N 53 43 W	63.98	RM-3

81-1
 RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LITS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LITS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Lambert
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LITS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LITS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
St. Hilow
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LITS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Rompert
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LITS.
 ANCHORAGE, AK 127

ALIGNMENT SHEET 14
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 4 59 E	4248.97	64 - 0
	POT	S 4 59 W	2629.35	65 - 0
		S 85 13 E	74.50	RM-1
		S 64 46 W	69.05	RM-2
		N 45 45 W	73.13	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 9 9 E	2366.26	66 - 0
	POT	S 9 9 W	2109.85	67 - 0
		S 81 35 E	74.48	RM-1
		S 70 8 W	63.80	RM-2
		N 47 40 W	71.08	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-6	POT	N 9 37 E	1468.55	68 - 0
	POT	S 9 37 W	1614.29	69 - 0
		S 53 2 W	95.32	RM-1
		N 83 18 W	94.57	RM-2
		N 40 53 W	106.11	RM-3

81-1
 RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN L.
 ANCHORAGE, AK 9

81-1
 RECORDED - FILED
Christina
 DATE 1-12
 TIME 10:20
 Requested by AS/DNR

81-1
 RECORDED - FILED
Zambardo
 DATE 1-7 1981
 TIME 1:39 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 9

81-1
 RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.

81-1
 RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. John
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 15
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1			DIST	VSM-2			DIST	VSM-3			DIST	VSM-4		
	BRG	RM1	BRG		BRG	RM2	BRG		RM3	BRG	RM3		BRG	RM3	
70	S 35 56 W			114.86	S 75 55 W			100.38	N 70 30 W			116.34			
71	S 80 29 E			93.95	S 76 1 W			94.91	N 45 4 W			97.09			
72	N 80 10 E			196.33	S 65 56 E			138.54	S 37 28 E			199.56			
73	S 89 12 E			71.21	S 66 37 W			102.88	N 61 47 W			97.39			
74	N 86 30 E			127.83	S 60 3 E			150.09	N 74 54 W			180.81			
75	N 84 53 E			161.28	S 25 35 E			138.50	N 75 2 W			165.73			
76	N 56 28 E			175.45	N 71 19 W			186.45	N 17 35 W			218.70			
77	N 58 17 E			192.17	S 77 11 E			149.83	S 40 41 E			209.34			
78	S 84 19 E			80.04	S 55 48 W			107.02	N 42 39 W			99.97			
79	S 61 26 W			150.59	N 84 34 W			128.95	N 44 59 W			152.61			
80	N 85 55 E			108.79	S 27 13 E			121.58	N 54 25 W			147.59			
81	N 76 50 E			112.91	S 32 29 E			123.80	N 63 35 W			120.65			

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 26 10 E	2043.70	71 - 0
	POT	S 26 10 W	2314.76	72 - 0
		S 63 32 E	87.69	RM-1
		S 80 45 W	81.32	RM-2
		N 28 38 W	70.75	RM-3

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Fantombas
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Barnow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
H. B. Wilson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99507

ALIGNMENT SHEET 15
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 15 13 E	1828.63	81 - 0
	POT	S 15 13 W	4782.66	82 - 0
		S 74 3 E	102.65	RM-1
		S 74 56 W	123.20	RM-2
		N 63 3 W	125.58	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 15 13 E	4154.67	81 - 0
	POT	S 15 13 W	2456.62	82 - 0
		S 69 9 E	110.25	RM-1
		S 80 9 W	98.40	RM-2
		N 49 48 W	98.55	RM-3

81-1
 RECORDED - FILED
Valdov
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LIT.

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LIT.

81-1
 RECORDED - FILED
Zambardo
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P M
 Requested by AS/DNR
 703 W. NORTHERN LIT.
 AK

81-1
 RECORDED - FILED
Bannon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LIT.

81-1
 RECORDED - FILED
H. Johnson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LIT.

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LIT.
 ANCHORAGE, AK 99503
 130