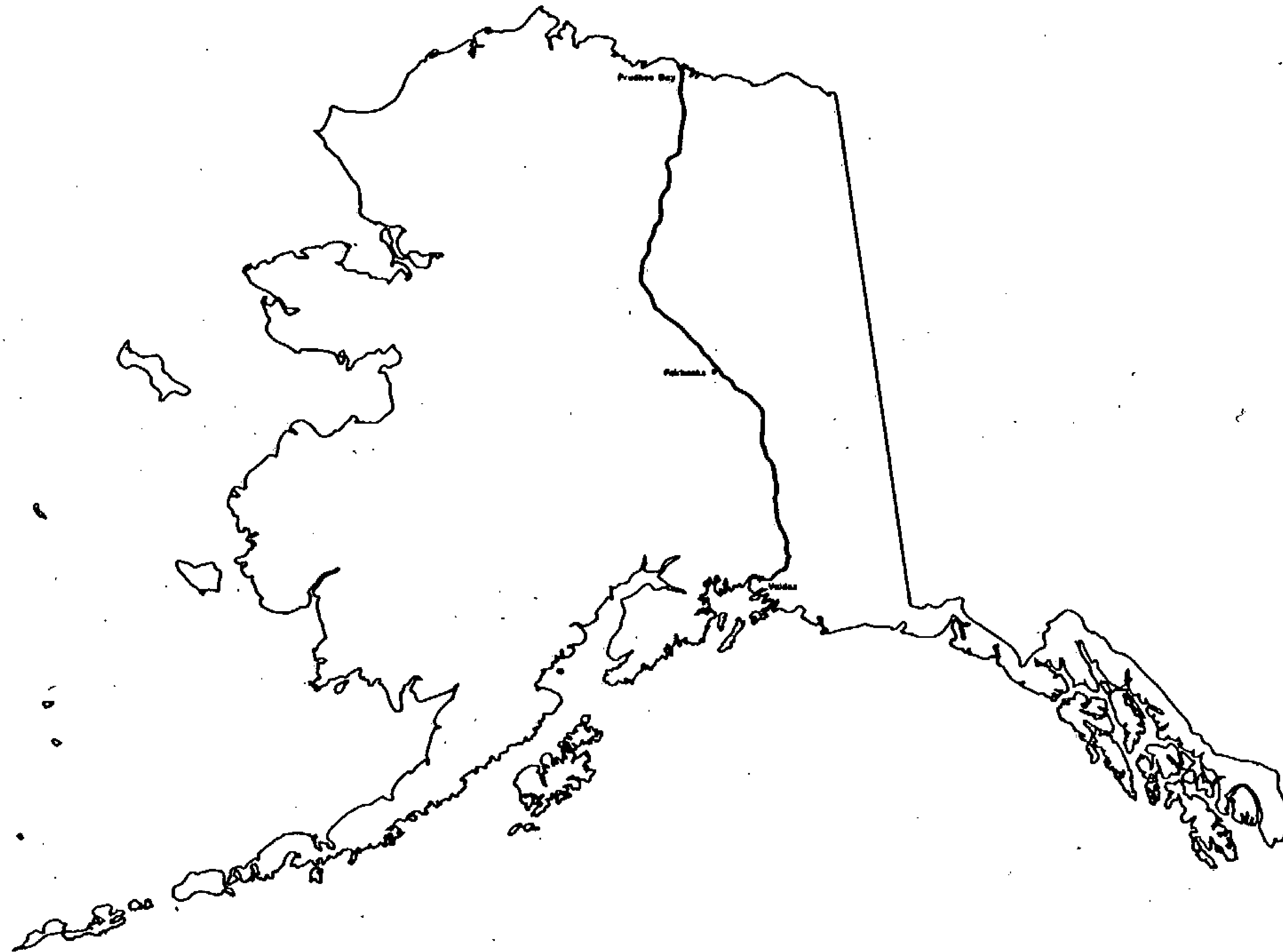


TRANS-ALASKA PIPELINE RIGHT-OF-WAY WIDTHS



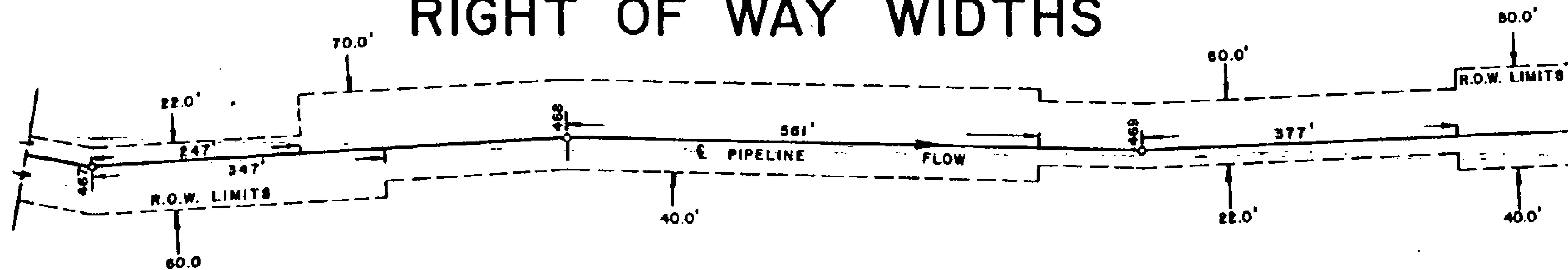
prepared by
OCEAN TECHNOLOGY LTD.

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		AS BUILT PIPELINE STATIONING	CODE CLASSIFICATION
		DIRECTION RIGHT	OF FLOW 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

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

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

Jan Lomb 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 _____ 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 _____ 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 _____ P M

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

R.O.W. CODE CLASSIFICATION

81-1

RECORDED - FILED

Valdy REC. DIST.

DATE 1-12 1991

TIME 10:10 A M

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

81-1

RECORDED - FILED

Chintre REC. DIST.

DATE 1-12 1991

TIME 10:20 A M

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

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

Faulstich REC. DIST.

DATE 1-7 1991

TIME 1:39 P M

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

81-1

RECORDED - FILED

Danny REC. DIST.

DATE 1-7 1991

TIME 2:15 P M

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

81-1

RECORDED - FILED

Hampton REC. DIST.

DATE 1-7 1991

TIME 2:13 P M

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

81-1

RECORDED - FILED

A. Wilson REC. DIST.

DATE 1-7 1991

TIME 2:13 P M

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

[cbm128pm]

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

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

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
 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
 Zamboni 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
 Bannan 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
 Rampad 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. Bilton 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)

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

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~~

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~~

Zambardo REC. DIST.

DATE 1-7 1981

TIME 1:35 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~~

W. S. Wilson 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)

81-1

RECORDED - FILED

Valdery REC. DIST.

DATE 1-12 1981

TIME 10:00 A.M.

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

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.

81-1

RECORDED - FILED

Chetina REC. DIST.

DATE 1-12 1981

TIME 10:20 A.M.

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

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.

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

PP-A Private Property

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

81-1

RECORDED - FILED

Barnon REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

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

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).

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

V Valve Sites

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

81-1

RECORDED - FILED

A. D. Baker 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	
<i>Valley</i> 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	
<i>Chitina</i> 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	
<i>Zamboni</i> 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	
<i>Banner</i> 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	
<i>Rampart</i> 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	
<i>St. Michael</i> 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 76
21 APR 80

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						
		12	60	22340+00	(B-E2)	
676	2104.	42	60	22344+85	(B-C-E2)	BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
676	2204.	42	22	22345+85	(A)	END PAD CROSSOVER AND WIDENING,
677-4	258.	42	60	22379+90	(B-C-E2)	BEGIN PAD CROSSOVER AND WIDENING, A/G TO B/G TRANSITION
677-4	358.	12	60	22380+90	(B-E2)	END PAD CROSSOVER
677-4	2155.	42	60	22398+85	(B-C-E2)	BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
677-4	2255.	42	22	22399+85	(A)	END PAD CROSSOVER AND WIDENING
677-12	318.	42	60	22416+35	(B-C-E2)	BEGIN PAD CROSSOVER AND WIDENING, A/G TO B/G TRANSITION
677-12	418.	12	60	22417+35	(B-E2)	END PAD CROSSOVER
MATCH LINE						

81-1

RECORDED - FILED
Valley

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

81-1

RECORDED - FILED
Chenier

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
Hammer

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. Hudson

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 77
21 APR 80

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

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
FEDERAL LAND ***						
MATCH LINE -----						
		12	60	22660+00	(B-E2)	
686	7312.			22720+69		N. BDY. REMOTE GATE VALVE 68
		12	135	22724+04	(B-V)	
686	7647.			22724+04		S. BDY. REMOTE GATE VALVE 68
		12	60	22738+70	(B-E2)	
687	1115.			22738+70		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
		42	60	22739+70	(A-C-E2)	
687	1215.			22739+70		END PAD CROSSOVER AND WIDENING
		42	22	22793+00	(A)	
688-7	48.			22793+00		BEGIN WORKPAD BRIDGE, WASHINGTON CREEK
		115	22	22793+00	(A-F)	
STATE LAND ***						
689-2	152.			22795+80		INT. N. LINE SEC. 4 T3N R2W F.M.
		75	25	22799+00	(A1-F)	
689-5	56.			22799+00		END WORKPAD BRIDGE, WASHINGTON CREEK
		75	25	22800+50	(A1)	
689-5	199.			22800+50		BEGIN PAD CROSSOVER, A/G TO B/G TRANSITION
		75	75	22801+50	(B1-C)	
689-5	299.			22801+50		END PAD CROSSOVER
		25	75	22817+08	(B1)	
689-5	1841.			22817+08		N. BDY. CHECK VALVE 68A
		25	135	22818+73	(B1-V)	
689-5	2006.			22818+73		S. BDY. CHECK VALVE 68A
		25	75	22980+00	(B1-A1)	
MATCH LINE -----						

81-1
RECORDED - FILED
Sainbamba
REC. DIST. _____
DATE 1-7 1981
TIME 1:34 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.
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

G-100 SERIES ALIGNMENT SHEET 78
21 APR 80

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

81-7

RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 1981

TIME 10:20 AM

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

POINT I.D. + DISTANCE	HORZ. DISTANCE	ROW WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
STATE LAND ***				22980+00		
MATCH LINE						
		25	75	23014+96	(A1-B1)	N. BDY. REMOTE GATE VALVE 69
693	296.	25	135	23018+31	(B1-V)	S. BDY. REMOTE GATE VALVE 69
693	631.	25	75	23038+11	(B1)	BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
693	2561.	75	75	23039+11	(B1-C)	END PAD CROSSOVER
693	2661.	75	25	23101+79	(A1)	N. BDY. REMOTE GATE VALVE 69A
694-10	500.	165	25	23105+14	(A1-V)	S. BDY. REMOTE GATE VALVE 69A
694-10	835.	75	25	23130+30	(A1)	BEGIN PAD CROSSOVER, CHATANIKA RIVER
695-6	200.	75	75	23131+30	(B1-C-F)	END PAD CROSSOVER, CHATANIKA RIVER
695-6	300.	25	75	23165+42	(B1-A1)	N. BDY. CHECK VALVE 70
696-3	328.	25	165	23167+07	(A1-V)	S. BDY. CHECK VALVE 70
696-3	493.	25	75	23280+00	(A1-B1)	
MATCH LINE						

81-1

RECORDED - FILED

Rambler 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

St. Gabriel REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

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

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

G-100 SERIES ALIGNMENT SHEET 79
 21 APR 80

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

RECORDED - FILED
Fanbanks
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:24 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 V	LEFT V			
STATE LAND *** MATCH LINE				23280+00		
699	7.	25	75	23291+07	(B1)	BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
699	107.	75	75	23292+07	(A1-C)	END PAD CROSSOVER
FEDERAL LAND *** 700-2	44.	75	25	23305+10	(A1)	INT. W. LINE SEC. 3, T2N, R1W, F.M.
PRIVATE PROPERTY *** 700-5	286.	42	22	23324+54	(A)	INT. N. BDY MOOSE MINING CLAIM R/W 200-159.1 SEE R/W DWG.
FEDERAL LAND *** 701-2	262.	XX	XX	23339+33	(PP-M)	INT. E. BDY. PAYSTREAK MINING CLAIM
PRIVATE PROPERTY *** 701-2	289	42	22	23339+60	(A)	INT. W. BDY. WOLF MINING CLAIM R/W 200-159.1 SEE R/W DWG.
FEDERAL LAND *** 701-3	85.	XX	XX	23344+78	(PP-M)	INT. N. BDY. WOLF MINING CLAIM
701-3	107.	42	22	23345+00	(A)	BEGIN WIDENING FOR TREASURE CK. CULVERT LT., CROSSUNDER SEE DETAIL DWG.
PRIVATE PROPERTY *** 701-6	36.	XX	60	23348+48	(A-E2-F-H)	INT. W. BDY. GROUSE MINING CLAIM R/W 200-159.1 SEE R/W DWG.
FEDERAL LAND *** 701-6	755.	XX	XX	23355+70	(PP-M)	

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

RECORDED - FILED
 REC. DIST. _____
 DATE _____
 TIME _____
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

G-100 SERIES ALIGNMENT SHEET 79 *** (PAGE 2 CONTINUED)
21 APR 80

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

-----	12	42	-----	(B)
STATE LAND ***	-----	-----	-----	-----
701-6	1268.		23361+00	
-----	25	75	-----	(B1)
702	764.		23386+46	
-----	25	135	-----	(B1-V)
702	929.		23388+11	
-----	25	75	-----	(B1)
PRIVATE PROPERTY ***	-----	-----	-----	-----
704	1415.		23430+88	
-----	XX	XX	-----	(PP-M)
STATE LAND ***	-----	-----	-----	-----
706	313.		23475+62	
-----	25	75	-----	(B1)
707	136.		23486+84	
-----	25	75	-----	(B1)
707	438.		23489+87	
-----	25	75	-----	(B1)
PRIVATE PROPERTY ***	-----	-----	-----	-----
710	2140.		23536+70	
-----	XX	XX	-----	(PP-S)
STATE LAND ***	-----	-----	-----	-----
711	245.		23549+93	
-----	25	75	-----	(B1)
MATCH LINE	-----	-----	23600+00	

INT. E. BDY. GROUSE MINING CLAIM

INT W. LINE SEC. 11, T2N, R1W, F.M.

N. BDY. CHECK VALVE 71

S. BDY. CHECK VALVE 71

INT. N. BDY. ORANGE MINING CLAIM STATE ROW
R/W 200-158.1 SEE R/W DWG. STATE ROW
R/W 200-158.3 SEE R/W DWG. STATE ROW
R/W 200-158.1 SEE R/W DWG. STATE ROW

INT. S. BDY. BLUE MINING CLAIM

INT. N. R/W MURPHY DOME ROAD

INT. S. R/W MURPHY DOME ROAD

INT. S. LINE; NE 1/4, SW 1/4 SEC. 24, T2N, R1W, F.M.
R/W 200-157.1 SEE R/W DWG. STATE ROW

INT. N. LINE, NW 1/4 SEC. 25, T2N, R1W, F.M.

81-1
RECORDED - FILED
Antina 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
Lander 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
Hampant 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. D. D... 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 80
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	LEFT			
STATE LAND *** MATCH LINE				23600+00	(B1)	
PRIVATE PROPERTY *** 714	2835.	25	75	23667+12		
STATE LAND *** 715-2	225.	XX	XX	23677+04	(PP-A)	
PRIVATE PROPERTY *** 715-2	522.	25	75	23680+00	(A1)	
STATE LAND *** 717	9.	XX	XX	23700+80	(PP-A)	
PRIVATE PROPERTY *** 718	42.	25	75	23704+25	(B1)	
PRIVATE PROPERTY ***		XX	XX		(PP-S)	
STATE LAND *** 720	122.	XX	XX	23730+77	(PP-A)	

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 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

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

INT. N. LINE U.S.M.S. 1731
R/W 200-156 SEE R/W DWG.
R/W 200-155 SEE R/W DWG.

INT. N. R/W GOLDSTREAM ROAD

INT. S. R/W GOLDSTREAM ROAD
R/W 200-155 SEE R/W DWG.
R/W 200-153 SEE R/W DWG.
R/W 200-154 SEE R/W DWG.
R/W 200-152 SEE R/W DWG.
R/W 200-150 SEE R/W DWG.
R/W 200-151 SEE R/W DWG.

INT. N. R/W STEESE HWY

INT. S. R/W STEESE HWY
R/W 200-149.1 SEE R/W DWG.

R/W 200-148 SEE R/W DWG.
R/W 200-147 SEE R/W DWG.

STATE ROW

	25	75	(B1	INT. N. R/W NEW STEESE HWY
PRIVATE PROPERTY ***				
720	816.		23737+73	INT. S. R/W NEW STEESE HWY
				R/W 200-147 SEE R/W DWG.
				R/W 200-146 SEE R/W DWG.
				R/W 200-145 SEE R/W DWG.
				R/W 200-144 SEE R/W DWG.
				R/W 200-143 SEE R/W DWG.
				R/W 200-142 SEE R/W DWG.
				R/W 200-141 SEE R/W DWG.
	XX	XX	(PP-A	
MATCH LINE			23880+00	

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 P.M.

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

81-1

RECORDED - FILED

Fantomb 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

A. Gilson 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 1991
 TIME 10:00 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitima REC. DIST.
 DATE 1-12 1991
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Faulkner REC. DIST.
 DATE 1-7 1991
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 81
 21 APR 80

POINT I.D. + DISTANCE	R O W WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
	RIGHT	LEFT			
PRIVATE PROPERTY *** MATCH LINE			23880+00		R/W 200-141 SEE R/W DWG. R/W 200-140.1 SEE R/W DWG. R/W 200-140.2 SEE R/W DWG. R/W 200-140.3 SEE R/W DWG.
STATE LAND *** 729. 1479.	XX	XX	23913+08	(PP-A)	INT. N. R/W GILMORE TRAIL ROAD
PRIVATE PROPERTY *** 729 1616.	25	75	23914+45	(B1)	INT. S. R/W GILMORE TRAIL ROAD R/W 200-140.3 SEE R/W DWG. R/W 200-139 SEE R/W DWG. R/W 200-138.1 SEE R/W DWG. R/W 200-138.2 SEE R/W DWG. R/W 200-138.3 SEE R/W DWG. R/W 200-138.4 SEE R/W DWG. R/W 200-138 SEE R/W DWG.
PRIVATE PROPERTY ***	XX	XX		(PP-A)	R/W 200-137.1 SEE R/W DWG. R/W 200-137 SEE R/W DWG.
PRIVATE PROPERTY ***	XX	XX		(PP-S)	STATE ROW STATE ROW
STATE LAND *** 738 149.	XX	XX	24005+72	(PP-A)	R/W 200-136.1 SEE R/W DWG. R/W 200-136 SEE R/W DWG.
PRIVATE PROPERTY *** 738 185.	25	75	24006+08	(B1)	INT. N. R/W STEELE CREEK ROAD INT. S. R/W STEELE CREEK ROAD R/W 200-135 SEE R/W DWG.

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1991
 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 1991
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. John REC. DIST.
 DATE 1-7 1991
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 81 *** (PAGE 2 CONTINUED)
21 APR 80

STATE LAND ***	XX	XX	(PP-S)	
741 423.				24041+15 INT. N. R/W CHENA HOT SPRINGS ROAD
PRIVATE PROPERTY ***	25	75	(B1)	
741 728.				24044+20 INT. S. R/W CHENA HOT SPRINGS ROAD R/W 200-135.1 SEE R/W DWG. R/W 200-134.2 SEE R/W DWG. R/W 200-134 SEE R/W DWG. R/W 200-132 SEE R/W DWG.
STATE LAND ***	XX	XX	(PP-A)	
744-4 135.				24086+93 INT. N. LINE, S 1/2, SW 1/4 SEC. 26, T1N, R1E, F.M.
745-8 23.	75	25	(A1)	N. BDY. REMOTE GATE VALVE 73
745-8 358.	165	25	(A1-V)	S. BDY. REMOTE GATE VALVE 73
746-5 208.	75	25	(A1)	BEGIN PAD CROSSOVER, A/G TO B/G TRANSITION
746-5 308.	75	75	(B1-C)	END PAD CROSSOVER
MATCH LINE	25	75	(B1)	24200+00

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
Jankombo
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
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
A. Sullivan
REC. DIST. _____
DATE 1-7 1981
TIME 2:15 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 82
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT V • V	LEFT V • V			
STATE LAND *** MATCH LINE				24200+00	(B1)	
		25	75			
PRIVATE PROPERTY *** 746-5	3561.			24226+78		
		XX	XX		(PP-S)	
STATE LAND *** 747	1042.			24253+80		
		25	75		(B1)	
747	2884.			24272+22		
		25	75		(B1)	
PRIVATE PROPERTY *** 747	3274.			24276+12		
		XX	XX		(PP-A)	
STATE LAND *** 750	221.			24301+04		
		25	75		(B1)	
PRIVATE PROPERTY *** 750	325.			24302+08		

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
China
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
Zamboni
REC. DIST. _____
DATE 1-7 1981
TIME 1:31 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

INT. E. LINE, SE 1/4, SEC. 1, T1S, R1E, F.M.
R/W 200-128 SEE R/W DWG. STATE ROW

INTERSECT N. LINE NW1/4, SEC. 7, T1S, R2E, F.M.

TOP OF BANK, NORTH BANK CHENA RIVER

TOP OF BANK, SOUTH BANK CHENA RIVER
R/W 200-123.1 SEE R/W DWG.
R/W 200-124 SEE R/W DWG.
R/W 200-123 SEE R/W DWG.
R/W 200-122 SEE R/W DWG.
R/W 200-121
R/W 200-121.4 SEE R/W DWG.
R/W 200-121.3C SEE R/W DWG.
R/W 200-121.3B SEE R/W DWG.
R/W 200-121.3A SEE R/W DWG.
R/W 200-121.2 SEE R/W DWG.
R/W 200-121.1 SEE R/W DWG.

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

INT. W. R/W NORDALE ROAD

INT. E. R/W NORDALE ROAD
R/W 200-120 SEE R/W DWG.
R/W 200-119 SEE R/W DWG.

81-1
RECORDED - FILED
Rumpert
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
Zamboni
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 82 *** (PAGE 2 CONTINUED)
21 APR 80

	XX	XX	
STATE LAND ***			(PP-A)
751A 1766.			24369+52
	25	75	(B1)
752 1607.			24414+71
	25	75	(B1)
752 2520.			24423+81
	25	135	(B1-V)
752 2685.			24425+46
	25	75	(B1)
FEDERAL LAND ***			
752 4181.			24440+41
	12	42	(B)
MATCH LINE			24480+00

R/W 200-118 SEE R/W DWG.
R/W 200-117 SEE R/W DWG.
R/W 200-116 SEE R/W DWG.

INT. W. LINE, NW 1/4 SEC. 16, T1S, R2E, F.M.

C/L EXISTING ROADWAY

N. BDY. CHECK VALVE 73B

S. BDY. CHECK VALVE 73B

INT. W. LINE, NW 1/4 SEC. 22, T1S, R2E, F.M.

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

81-1
RECORDED - FILED
Jantanna
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
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
Ramport
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. J. Gilson
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 83
21 APR 80

81-1

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

POINT I.D. + DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
	DIRECTION OF FLOW				
	RIGHT V	LEFT V			
FEDERAL LAND ***	-----	-----			
MATCH LINE	-----	-----	24480+00		
	12	42		(B)	
PRIVATE PROPERTY ***	-----	-----			
755 176.	-----	-----	24550+92		
	-----	-----			
	XX	XX		(PP-A)	
STATE LAND ***	-----	-----			
756 3748.	-----	-----	24620+34		
	25	75		(B1)	
PRIVATE PROPERTY ***	-----	-----			
756 3933.	-----	-----	24622+19		
	-----	-----			
	XX	XX		(B1)	
STATE LAND ***	-----	-----			
758 1245.	-----	-----	24773+38		

81-1

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

INT. S. LINE, SW 1/4 SEC. 26, T1S, R2E, F.M.
 R/W 200-112.3R SEE R/W DWG.
 R/W 200-112.2R SEE R/W DWG.
 R/W 200-112.1R SEE R/W DWG.
 R/W 200-112R SEE R/W DWG.

81-1

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

INT. N. R/W PLACK ROAD, SEE DETAIL DWG

R/W 200-111.2R SEE R/W DWG.
 INT E. R/W PARHAM MCCORMICK ROAD, SEE DETAIL DWG.
 R/W 200-111.1R SEE R/W DWG.
 R/W 200-111R SEE R/W DWG.
 R/W 200-110.1R SEE R/W DWG.
 R/W 200-110.05R SEE R/W DWG.
 R/W 200-110.04R SEE R/W DWG.
 R/W 200-110.03R SEE R/W DWG.
 R/W 200-110.02R SEE R/W DWG.
 R/W 200-110.01R SEE R/W DWG.
 R/W 200-109R SEE R/W DWG.
 R/W 200-108.1R SEE R/W DWG.
 R/W 200-108.2R SEE R/W DWG.
 R/W 200-108.3R SEE R/W DWG.
 R/W 200-108.4R SEE R/W DWG.
 R/W 200-107.1R SEE R/W DWG.

81-1

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

INT. W. LINE E1/2, SW1/4, SEC. 13, T2S, R2E, F.M.

MATCH LINE ----- 25 75 ----- (B1)
24780+00

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
Zaulanka 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 2:15 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
St. Gilbert 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
Valden
 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 84
 21 APR 80

81-1
RECORDED - FILED
Stanlemba
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:34 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

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				24780+00		
758	2643.	25	75	24787+35	(B1)	INT. W. R/W NELSON ROAD
PRIVATE PROPERTY ***				24788+23		INT. E. R/W NELSON ROAD R/W 200-106.3R SEE R/W DWG.
758	2731.	25	75	24794+13	(B1)	INT. TRACT NO. 113, CHENA RIVER LAKES PROJECT. R/W 200-104.1R SEE R/W DWG.
FEDERAL LAND ***		XX	XX		(PP-A)	
758	3317.					
		12	42	24848+00	(B)	N. BDY. CHECK VALVE 75
759	2664.	12	135	24849+65	(B-V)	S. BDY. CHECK VALVE 75
759	2829.	12	42	24937+59	(B)	BEGIN WIDENING FOR MOOSE CREEK NO. 2 BRIDGE
763	6061.	12	145	24945+61	(B-F)	END WIDENING FOR MOOSE CREEK NO. 2 BRIDGE
763	6861.	12	42		(B)	
STATE LAND ***				24973+61		INT. W. LINE SE 1/4, SEC. 21, T2S, R3E, F.M.
764	6.	25	75	24999+54	(B1)	BEGIN WIDENING FOR MOOSE CREEK NO. 1 BRIDGE SEE DETAIL DWG.
765	2042.					
		25	75	25007+39	(B1-F)	END WIDENING FOR MOOSE CREEK NO. 1 BRIDGE INT. S LINE N 1/2 NE 1/4 SEC 28 T2S R3E F.M. R/W 200-103.1 SEE R/W DWG. R/W 200-102.1 SEE R/W DWG. R/W 200-101.1 SEE R/W DWG.
PRIVATE PROPERTY ***						
765	2827.					

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

G-100 SERIES ALIGNMENT SHEET 84 *** (PAGE 2 CONTINUED)
21 APR 80

	XX	XX	(PP-A)	
FEDERAL LAND ***				
767	102.		25041+99	INT. W LINE SE 1/4 SEC 27 T2S R3E F.M.
		12	42	(B)
768	483.		25055+47	BEGIN CROSSOVER
		42	42	(B-C)
768	583.		25056+47	END CROSSOVER
		42	22	(B)
768	709.		25057+74	B/G TO A/G TRANSITION
		42	22	(A)
768-2	29.		25061+00	BEGIN WIDENING FOR FRENCH CREEK NO. 5 BRIDGE
		155	22	(A-F)
768-7	160.		25072+00	END WIDENING FOR FRENCH CREEK NO. 5 BRIDGE
		42	22	(A)
MATCH LINE			25090+00	

81-1
RECORDED - FILED
Valkyrie 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
Fantombia 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

81-1
RECORDED - FILED
Bumpant 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
J. Gildred 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
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
Clinton 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

G-100 SERIES ALIGNMENT SHEET 85
 21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE				25090+00		
770-4	192.	42	22	25144+17	(A)	BEGIN CROSSOVER, A/G TO B/G TRANSITION
770-4	305.	42	42	25145+17	(B-C)	END CROSSOVER
770-4	1012.	12	42	25152+00	(B)	BEGIN WIDENING FOR FRENCH CREEK NO. 4 BRIDGE
770-4	1812.	12	150	25160+00	(B-F)	END WIDENING FOR FRENCH CREEK NO 4 BRIDGE
770-4	2612.	12	42	25168+00	(B)	BEGIN WIDENING FOR FRENCH CREEK NO. 3 BRIDGE
770-4	3512.	12	130	25177+00	(B-F)	END WIDENING FOR FRENCH CREEK NO. 3 BRIDGE
771	1171.	12	42	25194+00	(B)	BEGIN WIDENING FOR FRENCH CREEK NO. 2 BRIDGE
771	1971.	12	160	25202+00	(B-F)	END WIDENING FOR FRENCH CREEK NO. 2 BRIDGE
771	3599.	12	42	225217+10	(B)	B/G TO A/G TRANSITION
772-3	374.	22	42	25246+00	(A)	BEGIN WIDENING FOR FRENCH CREEK NO. 1 BRIDGE
772-7	34.	22	100	25252+00	(A-F)	END WIDENING FOR FRENCH CREEK NO. 1 BRIDGE
772-8	189.	22	42	25255+35	(A)	A/G TO B/G TRANSITION
772-8	4767.	12	42	25301+15	(B)	N. BDY. CHECK VALVE 76 & MAN. GATE VALVE 76A SITE
772-8	4932.	12	135	25302+80	(B-V)	S. BDY. CHECK VALVE 76 & MAN. GATE VALVE 76A SITE
773	1615.	12	42	25321+54	(B)	BEGIN CROSSOVER
		42	42		(B-C)	

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

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

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

773	1715.	-----	25322+54	
-----	42	12	-----	(B
773	1994.	-----	25325+50	
-----	42	22	-----	(A
MATCH LINE		-----	25360+00	

END CROSSOVER
B/G TO A/G TRANSITION

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

Fanlon REC. DIST.

DATE 1-7 1981

TIME 1:31 P.M.

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

81-1

RECORDED - FILED

Hampton 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

Burns 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

H. Salmon REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

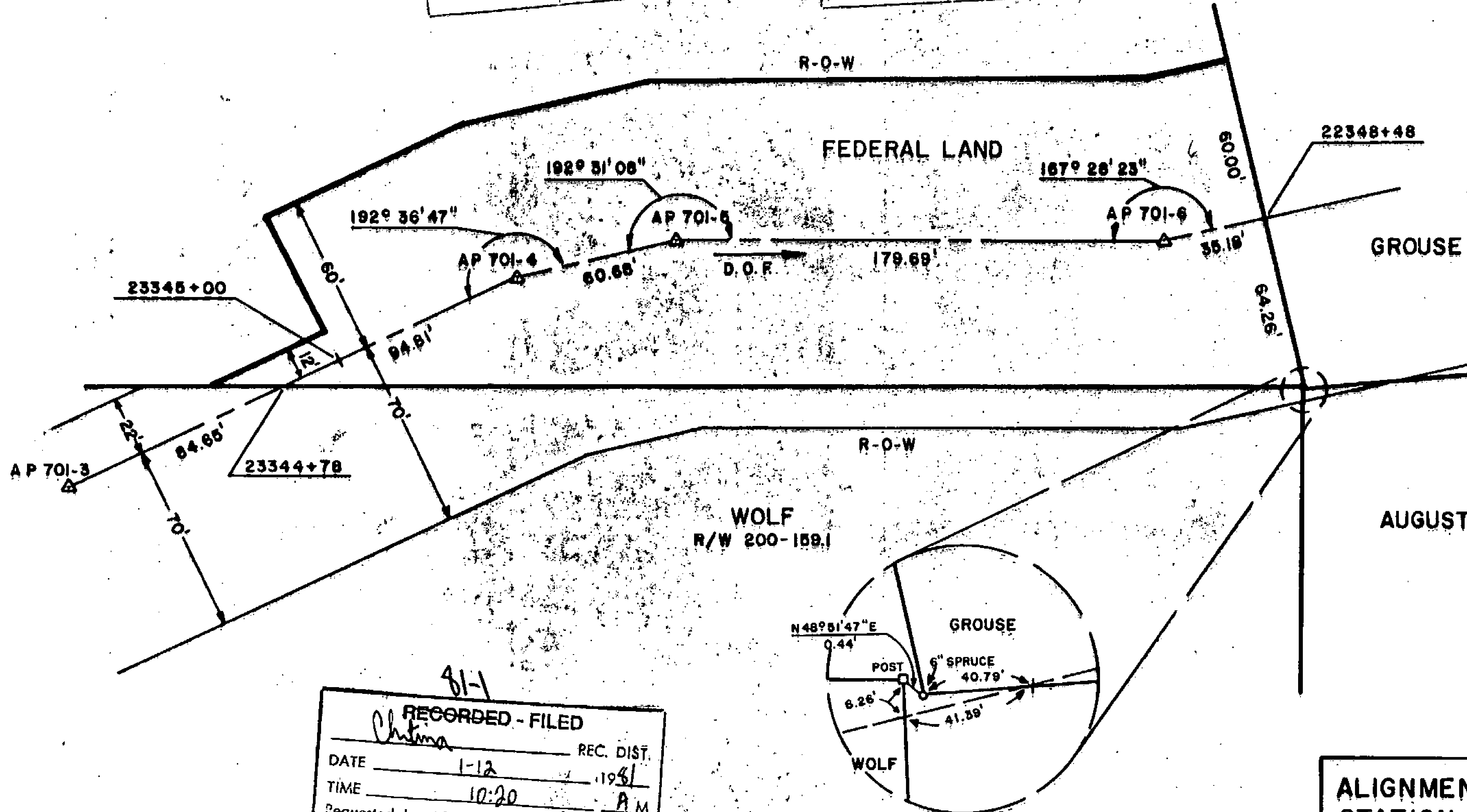
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
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
Sanborn
 REC. DIST. _____
 DATE 1-12 1981
 TIME 1:59 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 79
STATION 23345+00
 FIELD BOOK 200-32, PAGE 32-49
 SCALE: 1" = 50'
 DATE: JULY, 1977

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

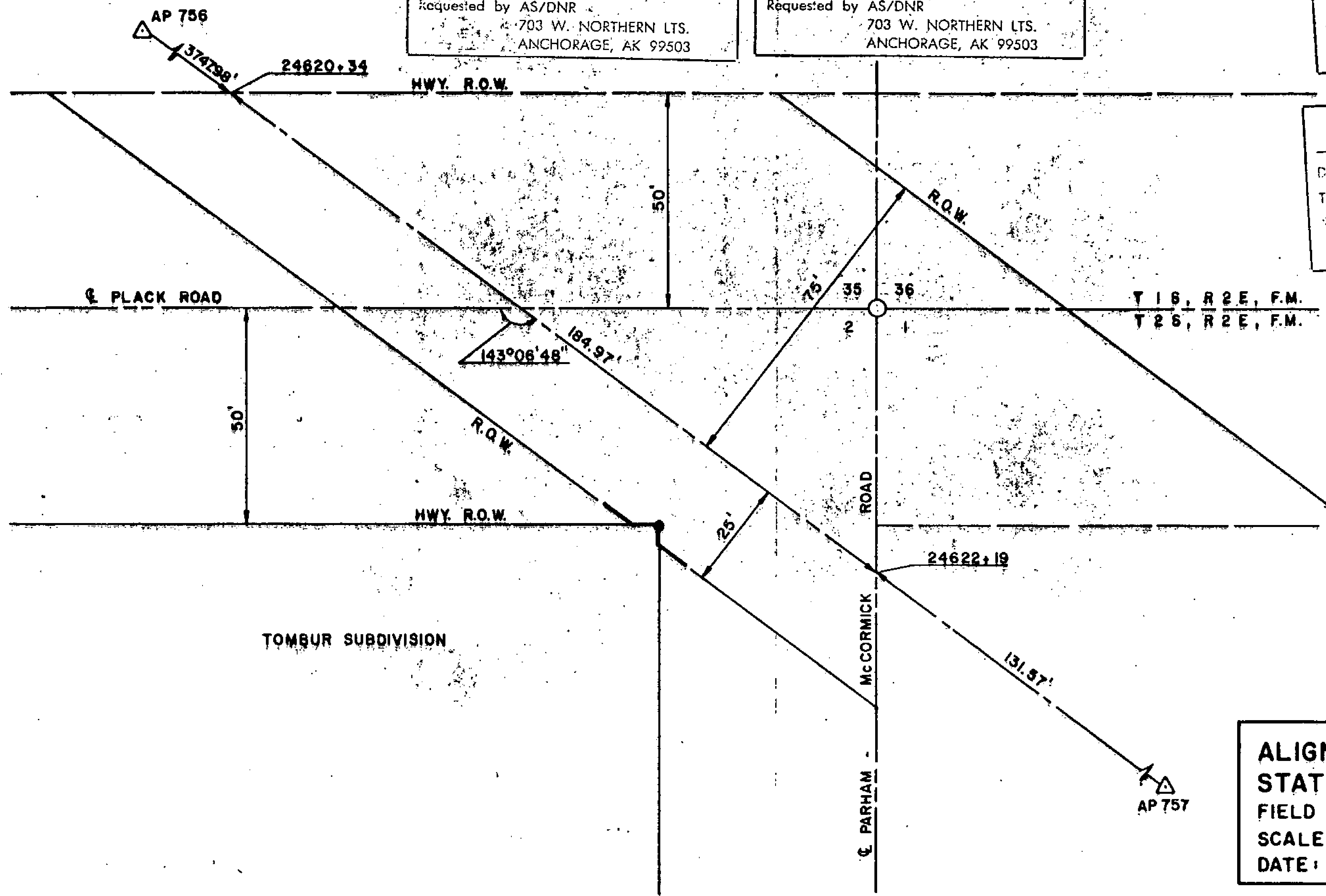
81-1
 RECORDED - FILED
Faulkner REC. DIST.
 DATE 1-17 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

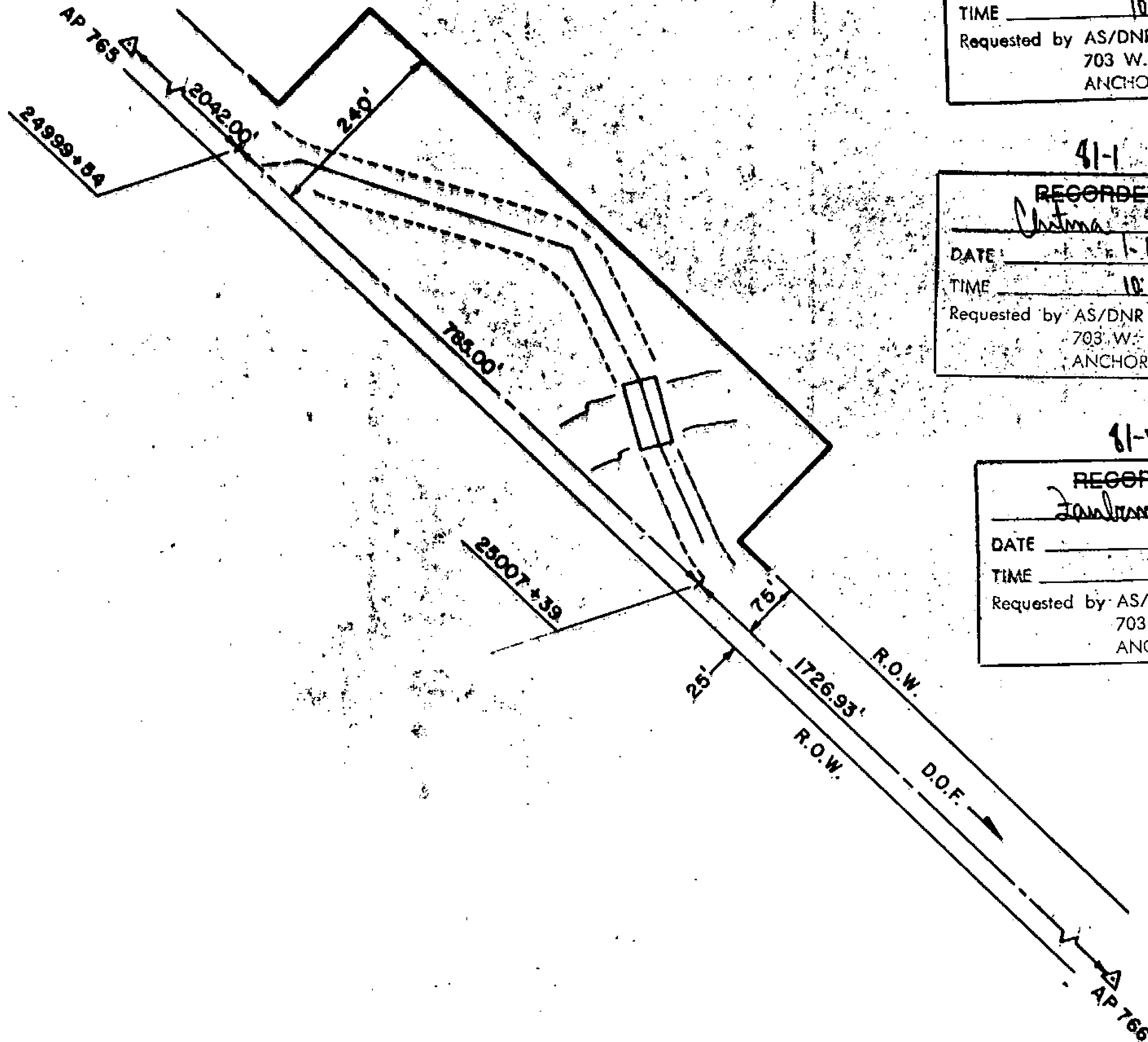
81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-17 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Walker REC. DIST.
 DATE 1-17 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 1-17 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 83
 STATION 24620+34
 FIELD BOOK 110-214, PAGE 16
 SCALE: 1" = 30'
 DATE: JULY 9, 1978





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

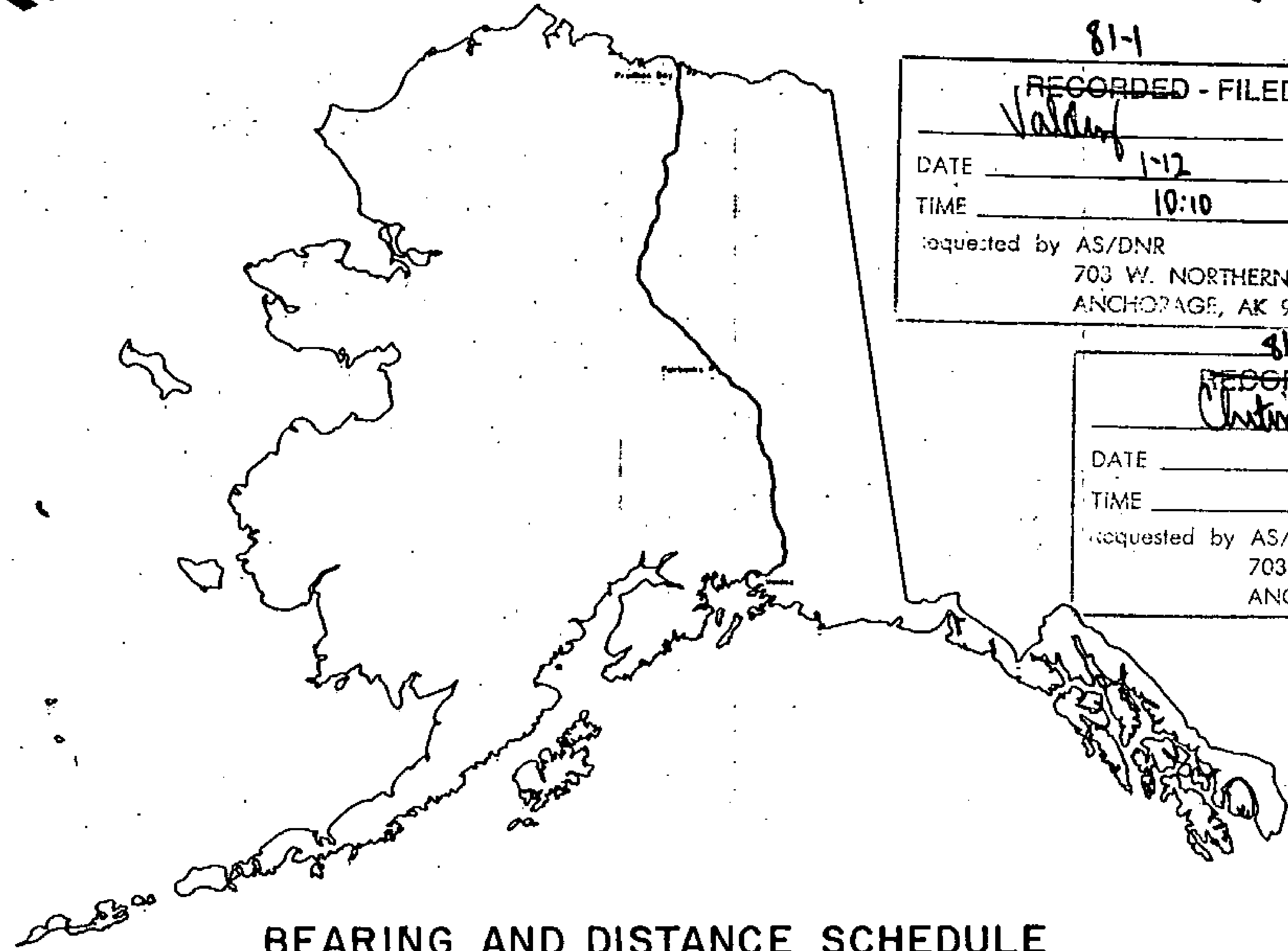
81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 84
STATION 24999+54
 FIELD BOOK 170-129, PAGE 37-39
 SCALE: 1" = 200'
 DATE: SEPT. 13, 1978 27

TRANS-ALASKA PIPELINE MONUMENTATION SURVEY



BEARING AND DISTANCE SCHEDULE

Alyeska pipeline

SERVICE COMPANY

prepared by
OCEAN TECHNOLOGY LTD

81-1

RECORDED - FILED
Faulkner

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
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
Burns

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 1-7 1981

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 1981

TIME 2:13 P.M.

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

- agent for:
- AMERADA MESS 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

ALIGNMENT SHEET 76

25 NOV 78

81-1
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-17 1941
 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 1941
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Junction REC. DIST.
 DATE 1-7 1941
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Pramon REC. DIST.
 DATE 1-7 1941
 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 1941
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Dalton REC. DIST.
 DATE 1-7 1941
 TIME 2:15 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN	CODE	FILE
Y ZONE 4 X	AZIMUTH DIST	BEARING DIST	NO.	NO.
676 - 1	4101086.18 785952.27	152 12 9 180.25 S 26 6 23 E 180.25	762	3325
676 - 2	4100926.73 786036.33	164 37 38 62.20 S 13 40 53 E 62.20	761	3326
676 - 3	4100866.75 786052.82	177 13 41 179.48 S 1 4 50 E 179.48	760	3327
676 - 4	4100687.48 786061.50	164 42 50 300.75 S 13 35 40 E 300.75	759	3328
676 - 5	4100397.37 786140.79	152 7 26 418.83 S 26 11 1 E 418.83	758	3329
676 - 6	4100027.14 786336.62	164 42 20 477.37 S 13 36 4 E 477.37	757	3330
676 - 7	4099566.68 786462.54	177 15 2 418.42 S 1 3 20 E 418.43	756	3331
676 - 8	4099148.74 786482.61	165 0 10 59.59 S 13 18 13 E 59.59	755	3332
677	4099091.18 786498.03	157 57 13 238.65 S 20 21 9 E 238.65	754	3333
677 - 1	4098869.98 786587.61	170 44 39 179.43 S 7 33 42 E 179.43	753	3334
677 - 2	4098692.89 786616.47	158 2 10 176.01 S 20 16 10 E 176.01	752	3335
677 - 3	4098529.66 786682.30	145 15 8 176.99 S 33 3 10 E 176.99	751	3336
677 - 4	4098384.23 786783.18	158 6 24 2551.17 S 20 11 44 E 2551.19	750	3337
677 - 5	4096017.05 787734.46	170 34 9 179.43 S 7 43 49 E 179.43	749	3338
677 - 6	4095840.05 787763.86	158 3 24 127.54 S 20 14 33 E 127.54	748	3339
677 - 7	4095721.75 787811.52		747	3340

ALIGNMENT SHEET 76

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
677 - 7	4095721.75	787811.52	145 29 16	178.93	S 32 48 40 E	747 3340
677 - 8	4095574.31	787912.90	158 4 27	123.19	S 20 13 28 E	746 3341
677 - 9	4095460.03	787958.90	145 31 39	178.95	S 32 46 14 E	745 3342
677 -10	4095312.50	788060.19	159 24 39	60.31	S 18 53 13 E	744 3343
677 -11	4095256.04	788081.40	170 12 13	177.25	S 8 5 39 E	743 3344
677 -12	4095081.37	788111.56	158 4 21	3959.34	S 20 13 16 E	742 3345
678	4091408.46	789590.11	147 5 3	924.50	S 31 12 15 E	253 3346
679	4090632.37	790092.49	143 8 49	2759.35	S 35 8 7 E	252 3347
680	4088424.40	791747.45	130 23 24	1096.39	S 47 53 6 E	251 3348
681	4087713.95	792582.52	113 22 51	463.91	S 64 53 27 E	250 3349
682	4087529.85	793008.34	73 16 35	2149.38	N 75 0 44 E	249 3350
683	4088148.35	795066.81	134 6 17	3470.24	S 44 8 46 E	248 3351
684	4085733.16	797558.68	111 12 22	4801.10	S 67 1 29 E	247 3352
685	4083996.48	802034.67	157 58 17	3718.57	S 20 14 34 E	246 3353
686	4080549.38	803429.40				245 3354

81-1
RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99506

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
Zainab
 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
Rampant
 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. P. P.
 DATE 1-7 1981
 TIME 2:13 30 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 77

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 3	X	AZIMUTH	DIST		
685	4084350.26	186800.73	161 36 5	3718.60	S 20 14 34 E	246 3355
686	4080821.74	187974.42	134 3 52	7992.21	S 47 45 30 E	245 3356
687	4075263.43	193717.29	142 52 44	1464.42	S 38 55 25 E	244 3357
687 - 1	4074095.76	194601.07	155 22 51	180.18	S 26 25 7 E	741 3358
687 - 2	4073931.96	194676.13	142 37 58	55.95	S 39 9 59 E	740 3359
687 - 3	4073887.49	194710.09	130 9 17	178.66	S 51 38 38 E	739 3360
687 - 4	4073772.28	194846.64	142 52 9	296.50	S 38 55 42 E	738 3361
687 - 5	4073535.89	195025.62	155 23 6	418.88	S 26 24 42 E	736 3362
687 - 6	4073155.08	195200.09	142 54 22	838.50	S 38 53 18 E	735 3363
687 - 7	4072486.25	195705.81	137 32 28	60.14	S 44 15 6 E	734 3364
688 - 1	4072441.88	195746.41	125 40 21	419.62	S 56 7 9 E	733 3365
688 - 2	4072197.18	196087.29	138 6 44	958.03	S 43 40 35 E	732 3366
688 - 3	4071483.97	196726.94	150 35 18	420.64	S 31 11 51 E	731 3367
688 - 4	4071117.54	196933.51	138 8 6	717.73	S 43 38 56 E	730 3368
688 - 5	4070583.03	197412.51				729 3369

81-1
RECORDED - FILED
Vadon
 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
Jannet
 DATE 1-7 1981
 TIME 1:35 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
Rampant
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
J. Walden
 DATE 1-7 1981
 TIME 2:31 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 77

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 3	X				
688 - 5	4070583.03	197412.51	125 39 7	420.26	729	3369
688 - 6	4070338.08	197754.00	138 8 35	60.10	728	3370
688 - 7	4070293.32	197794.10	144 59 16	59.89	727	3371
689 - 1	4070244.27	197828.46	153 24 23	116.07	726	3372
689 - 2	4070140.48	197880.42	140 34 46	180.94	725	3373
689 - 3	4070000.70	197995.32	153 2 48	55.44	724	3374
689 - 4	4069951.28	198020.45	165 37 60	179.54	723	3375
689 - 5	4069777.35	198065.00	153 2 56	3022.83	722	3376
690	4067082.82	199435.03	146 9 27	5346.79	243	3377
691	4062641.93	202412.73	118 15 18	5188.66	242	3378
692	4060185.63	206983.16	141 56 43	2403.07	241	3379
692 - 1	4058293.40	208464.44	129 51 58	178.83	721	3380
692 - 2	4058178.77	208601.70	141 52 26	162.36	720	3381
692 - 3	4058051.05	208701.94	154 28 45	179.39	719	3382
692 - 4	4057889.16	208779.23	141 55 52	526.12	718	3383
692 - 5	4057474.96	209103.64			717	3384

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

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

ALIGNMENT SHEET 77

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN	CODE NO.	FILE NO.
	Y ZONE 3 X AZIMUTH DIST BEARING DIST			
692 - 5	4057474.96 209103.64	417.42 S 52 23 22 E 417.42	717	3384
692 - 6	4057210.46 209426.56		716	3385

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 17 1981
 TIME 10:30 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zach
 DATE 17 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Brammer
 DATE 1-12 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Brammer
 DATE 17 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. M. ...
 DATE 17 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 78

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 3	X				
692 - 6	4057210.46	209426.56	141 55 7	1075.34	S 39 47 18 E	716 3385
692 - 7	4056364.02	210089.81	154 29 19	417.12	S 27 12 56 E	715 3386
692 - 8	4055987.57	210269.46	141 47 59	884.36	S 39 54 8 E	714 3387
692 - 9	4055292.59	210816.36	129 37 14	175.81	S 52 4 45 E	713 3388
692 -10	4055180.48	210951.78	141 59 3	175.96	S 39 42 53 E	712 3389
692 -11	4055041.85	211060.15	154 31 18	176.40	S 27 10 37 E	711 3390
692 -12	4054882.61	211136.03	141 59 44	843.01	S 39 42 4 E	710 3391
693	4054218.35	211655.09	130 10 4	2967.90	S 51 31 14 E	240 3392
693 - 1	4052303.97	213923.04	117 33 10	177.16	S 64 7 42 E	709 3393
693 - 2	4052222.02	214080.11	129 51 13	224.82	S 51 49 35 E	708 3394
693 - 3	4052077.95	214252.70	143 8 8	175.99	S 38 32 37 E	707 3395
693 - 4	4051937.15	214358.28	130 6 50	464.57	S 51 33 49 E	706 3396
694	4051637.82	214713.57	124 3 39	59.44	S 57 36 56 E	705 3397
694 - 1	4051604.53	214762.81	111 1 50	420.30	S 70 38 41 E	704 3398
694 - 2	4051453.70	215155.11	123 32 25	485.48	S 58 7 57 E	703 3399
694 - 3	4051185.46	215559.76				702 3400

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

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

ALIGNMENT SHEET 78

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 3	X				
694 - 3	4051185.46	215559.76	136 2 57	420.12	702	3400
694 - 4	4050883.00	215851.34	123 31 48	485.45	701	3401
694 - 5	4050614.85	216256.01	111 3 58	420.15	700	3402
694 - 6	4050463.83	216648.08	123 33 24	479.08	699	3403
694 - 7	4050199.01	217047.32	136 5 14	419.36	698	3404
694 - 8	4049896.91	217338.17	123 31 36	779.90	697	3405
694 - 9	4049466.15	217988.32	136 2 52	419.92	696	3406
694 -10	4049163.84	218279.77	123 33 14	838.09	695	3407
694 -11	4048700.61	218978.21	111 2 52	419.97	694	3408
694 -12	4048549.78	219370.16	123 33 18	654.80	693	3409
694 -13	4048187.85	219915.84	128 21 58	59.79	692	3410
694 -14	4048150.74	219962.72	138 29 13	59.28	691	3411
695 - 1	4048106.35	220002.01	148 14 14	59.38	690	3412
695 - 2	4048055.86	220033.27	153 16 8	527.83	689	3413
695 - 3	4047584.44	220270.69	140 44 57	180.07	688	3414
695 - 4	4047445.00	220384.62			687	3415

81-1
RECORDED - FILED
Valdys
 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 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

81-1
RECORDED - FILED
Rimpert
 DATE 1-7 1981
 TIME 2:13:35 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 78

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.	
	Y ZONE 3	X	AZIMUTH	DIST			BEARING
695 - 4	4047445.00	220384.62	153 14 11	172.72	S 28 24 21 E	172.73	687 3415
695 - 5	4047290.78	220462.40	165 44 15	179.85	S 15 54 16 E	179.86	686 3416
695 - 6	4047116.47	220506.71	152 53 38	340.93	S 28 44 50 E	340.93	685 3417
695A	4046812.99	220662.05	159 34 4	143.63	S 22 4 22 E	143.63	493 3418
695B	4046678.40	220712.19	149 45 59	228.35	S 31 52 25 E	228.35	492 3419
695C	4046481.11	220827.17	153 14 48	1275.29	S 28 23 28 E	1275.30	491 3420
695C- 1	4045342.34	221401.24	140 59 42	180.10	S 40 38 26 E	180.10	684 3421
695C- 2	4045202.39	221514.59	153 26 28	121.33	S 28 11 39 E	121.33	683 3422
695C- 3	4045093.86	221568.84	165 41 2	180.12	S 15 57 4 E	180.13	682 3423
695C- 4	4044919.33	221613.38	153 12 55	361.57	S 28 25 8 E	361.58	681 3424
695C- 5	4044596.55	221776.32	147 57 9	60.57	S 33 40 52 E	60.57	680 3425
696 - 1	4044545.21	221808.46	141 9 45	60.07	S 40 28 16 E	60.07	679 3426
696 - 2	4044498.42	221846.13	129 15 1	419.47	S 52 22 55 E	419.47	678 3427
696 - 3	4044233.02	222170.96	141 47 18	1077.18	S 39 50 28 E	1077.19	677 3428
696 - 4	4043386.65	222837.27	154 19 7	416.95	S 27 18 29 E	416.95	676 3429
696 - 5	4043010.89	223017.96					675 3430

81-1
RECORDED - FILED
Valley
 DATE 1-12 1961
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1961
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jainbhai
 DATE 1-7 1961
 TIME 1:29 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1961
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
J. Walker
 DATE 1-7 1961
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
hampat
 DATE 1-7 1961
 TIME 2:13 36 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 78

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM Y ZONE 3 X AZIMUTH DIST	TRUE MEAN BEARING DIST	CODE NO.	FILE NO.
696 - 5	4043010.89 223017.96		675	3430
696 - 6	4042264.16 223605.25	141 48 56 950.01 S 39 48 31 E 950.02	674	3431
696 - 7	4042104.19 223681.61	154 28 58 177.26 S 27 8 22 E 177.26	673	3432
696 - 8	4041965.18 223791.14	141 45 52 176.98 S 39 51 26 E 176.98	672	3433
696 - 9	4041853.37 223928.72	129 6 2 177.28 S 52 31 13 E 177.29	671	3434
697	4038903.45 226253.20	141 45 45 3755.69 S 39 51 3 E 3755.75	239	3435
698	4034970.69 228591.76	149 15 46 4575.53 S 32 20 11 E 4575.60	238	3436

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

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

81-1
RECORDED - FILED
Rambert
 DATE 1-7 37 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 79

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.		
	Y ZONE 3	X					AZIMUTH	DIST
698	4034970.69	228591.76	142 54 8	1460.50	S 38 41 12 E	1460.53	238	3436
699	4033805.78	229472.70	131 41 13	326.08	S 49 53 56 E	326.08	237	3437
699 - 1	4033588.92	229716.21	119 35 25	173.74	S 61 59 40 E	173.74	670	3438
699 - 2	4033503.13	229867.29	131 55 45	124.21	S 49 39 16 E	124.21	669	3439
699 - 3	4033420.13	229959.70	144 51 49	175.47	S 36 43 11 E	175.48	668	3440
699 - 4	4033276.63	230060.69	132 9 36	357.91	S 49 25 20 E	357.92	667	3441
699 - 5	4033036.40	230326.00	125 21 57	58.90	S 56 12 55 E	58.90	666	3442
699 - 6	4033002.31	230374.03	113 31 35	59.57	S 68 3 16 E	59.57	665	3443
700 - 1	4032978.53	230428.65	103 27 32	59.46	S 78 7 18 E	59.46	664	3444
700 - 2	4032964.69	230486.48	96 10 53	579.98	S 85 23 50 E	579.99	663	3445
700 - 3	4032902.24	231063.09	108 52 9	420.39	S 72 42 23 E	420.40	662	3446
700 - 4	4032766.28	231460.89	96 15 22	699.72	S 85 18 59 E	699.73	661	3447
700 - 5	4032690.03	232156.44	83 44 14	419.00	N 82 10 4 E	419.01	660	3448
700 - 6	4032735.74	232572.94	96 15 51	954.17	S 85 18 4 E	954.18	659	3449
700 - 7	4032631.63	233521.41	101 25 9	60.06	S 80 8 36 E	60.06	658	3450
701 - 1	4032619.74	233580.28					657	3451

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
J. Johnston
 DATE 1-7 1981
 TIME 1:29 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Boonow
 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. Dalton
 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
 DATE 1-7 1981
 TIME 2:13:38 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 79

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 3	X				
701 - 1	4032619.74	233580.28	110 59 59	59.35	657	3451
701 - 2	4032598.47	233635.69	116 47 9	716.54	656	3452
701 - 3	4032275.56	234275.34	104 10 45	179.46	655	3453
701 - 4	4032231.60	234449.33	116 35 56	60.68	654	3454
701 - 5	4032204.43	234503.59	129 18 31	179.68	653	3455
701 - 6	4032090.60	234642.62	116 44 42	3028.54	652	3456
702	4030727.70	237347.16	147 34 13	2482.72	236	3457
703	4028632.16	238678.56	154 4 53	1288.28	235	3458
704	4027473.46	239241.66	186 28 39	4792.75	234	3459
705	4022711.31	238700.98	140 58 50	809.44	233	3460
706	4022082.43	239210.59	117 47 50	1303.29	232	3461
707	4021474.65	240363.49	154 59 51	668.15	231	3462
708	4020869.11	240645.89	107 47 28	1116.03	230	3463
709	4020528.11	241708.55	157 3 11	1230.86	229	3464
710	4019394.65	242188.44	181 44 10	3215.43	228	3465
711	4016180.70	242091.03			227	3466

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

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

81-1
RECORDED - FILED
Rt. 12.12.12
 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 39
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 79

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 3 X	AZIMUTH	DIST		
711	4016180.70	242091.03	168 51 5	4573.73	227	3466
712	4011693.28	242975.39			226	3467

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

ALIGNMENT SHEET 80

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 3 X AZIMUTH DIST			
712	4011693.28 242975.39		226	3467
713	4008318.48 241431.12	204 35 18 3711.34 S 23 4 51 W 3711.43	225	3468
714	4007568.99 241542.72	171 31 51 757.75 S 9 58 49 E 757.77	224	3469
714 - 1	4004635.49 242091.38	169 24 22 2984.37 S 12 6 9 E 2984.44	651	3470
714 - 2	4004455.57 242085.78	181 46 58 180.01 S 0 16 33 W 180.01	650	3471
714 - 3	4004277.43 242120.14	169 4 58 181.42 S 12 25 27 E 181.43	649	3472
715 - 1	4004221.31 242142.39	158 22 24 60.37 S 23 7 60 E 60.37	648	3473
715 - 2	4004072.16 242243.20	145 56 44 180.02 S 35 33 39 E 180.03	647	3474
715 - 3	4003465.67 242484.38	158 18 50 652.68 S 23 11 29 E 652.70	646	3475
715 - 4	4003316.57 242585.25	145 55 15 180.02 S 35 34 60 E 180.02	645	3476
715 - 5	4003096.32 242672.23	158 27 1 236.80 S 23 3 12 E 236.81	644	3477
715 - 6	4002918.38 242701.32	170 42 55 180.30 S 10 47 17 E 180.31	643	3478
716	4002862.72 242722.77	158 55 29 59.65 S 22 34 42 E 59.65	642	3479
716 - 1	4002649.99 242832.89	152 37 54 239.54 S 28 52 16 E 239.55	641	3480
716 - 2	4002511.67 242947.78	140 17 11 179.81 S 41 12 56 E 179.81	640	3481
716 - 3	4002458.88 242975.33	152 26 29 59.55 S 29 3 37 E 59.55	639	3482

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

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

ALIGNMENT SHEET 80

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING		CODE NO.	FILE NO.
	Y ZONE 3	X	AZIMUTH	DIST		
716 - 3	4002458.88	242975.33	165 20 22	180.09	S 16 9 42 E	639 3482
716 - 4	4002284.65	243020.91	152 33 23	610.79	S 28 56 38 E	638 3483
717	4001742.59	243302.41	130 6 57	311.84	S 51 22 58 E	223 3484
718	4001541.66	243540.89	120 14 57	957.48	S 61 14 47 E	222 3485
719	4001059.32	244368.00	142 23 25	1635.08	S 39 5 59 E	221 3486
720	3999764.03	245365.86	134 19 26	1256.89	S 47 9 38 E	220 3487
721	3998885.83	246265.04	131 15 0	1683.92	S 50 13 40 E	219 3488
721 - 1	3997775.54	247531.08	118 43 30	179.88	S 62 44 55 E	637 3489
721 - 2	3997689.09	247688.82	131 14 5	118.44	S 50 14 17 E	636 3490
721 - 3	3997611.02	247777.89	136 1 22	59.84	S 45 26 59 E	635 3491
722 - 1	3997567.96	247819.44	148 38 7	180.06	S 32 50 12 E	634 3492
722 - 2	3997414.21	247913.16	136 7 4	482.49	S 45 21 11 E	633 3493
722 - 3	3997066.45	248247.61	123 37 28	180.04	S 57 50 41 E	632 3494
722 - 4	3996966.75	248397.53	136 7 53	182.28	S 45 20 13 E	631 3495
722 - 5	3996835.34	248523.85	148 36 37	180.20	S 32 51 26 E	630 3496
722 - 6	3996681.51	248617.71				629 3497

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
Zambino
 DATE 1-7 1981
 TIME 1:34 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

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

81-1
RECORDED - FILED
A. Sullivan
 DATE 1-7 1981
 TIME 2:13 42 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 80

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 3	X				
722 - 6	3996681.51	248617.71			629	3497
723	3996638.38	248659.23	136 5 25	59.87	628	3498
723 - 1	3996288.72	249009.72	134 55 56	495.08	627	3499
723 - 2	3996136.16	249107.24	147 24 45	181.07	626	3500
723 - 3	3995962.79	249280.92	134 56 55	245.40	625	3501
723 - 4	3995866.15	249432.77	122 28 25	179.99	624	3502
723 - 5	3995272.21	250026.90	134 59 27	840.09	623	3503
723 - 6	3995234.48	250073.45	129 1 34	59.92	622	3504
724 - 1	3995205.62	250126.27	118 39 4	60.19	621	3505
724 - 2	3995188.17	250183.86	106 51 23	60.18	620	3506
724 - 3	3995180.88	250243.10	97 0 59	59.69	619	3507
724 - 4	3995167.26	250975.78	91 3 54	732.81	618	3508
724 - 5	3995125.05	251150.76	103 33 45	180.00	617	3509
724 - 6	3995120.49	251399.04	91 3 8	248.32	616	3510
724 - 7	3995154.80	251575.92	79 1 20	180.18	615	3511
725	3995146.30	252040.14	91 2 56	464.30	218	3512

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

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

81-1
RECORDED - FILED
Sanborn
 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
Hampton
 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. S. Johnson
 DATE 1-7 1981
 TIME 2:43 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 80

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y	ZONE 3 X	AZIMUTH	DIST		
725	3995146.30	252040.14				
			72 50 31	1112.20	N 71 23 52 E	1112.23
725A	3995474.41	253102.84				
			84 3 30	299.19	N 82 37 5 E	299.20
725A- 1	3995505.38	253400.42				
			96 32 12	177.01	S 84 54 8 E	177.02
725A- 2	3995485.23	253576.28				
			83 55 51	56.08	N 82 29 34 E	56.09
725A- 3	3995491.16	253632.05				
			71 19 14	179.60	N 69 52 59 E	179.61
725A- 4	3995548.68	253802.19				
			83 48 25	289.48	N 82 22 15 E	289.49
725A- 5	3995579.91	254089.98				
			77 26 57	59.78	N 76 0 50 E	59.78
726 - 1	3995592.90	254148.33				
			71 6 22	60.44	N 69 40 17 E	60.44
726 - 2	3995612.47	254205.51				
			58 41 36	419.94	N 57 15 35 E	419.96
726 - 3	3995830.68	254564.31				
			71 9 42	474.63	N 69 43 49 E	474.65
726 - 4	3995983.94	255013.52				
			83 38 27	419.99	N 82 12 43 E	420.01
726 - 5	3996030.46	255430.93				
			71 11 41	294.68	N 69 46 5 E	294.69
726 - 6	3996125.45	255709.88				
			58 39 33	179.99	N 57 14 2 E	180.00
726 - 7	3996219.07	255863.61				
			71 13 18	59.87	N 69 47 48 E	59.87
726 - 8	3996238.34	255920.29				
			83 37 39	179.82	N 82 12 11 E	179.83
726 - 9	3996258.30	256099.00				

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 10:00 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

81-1
RECORDED - FILED
Pollman
 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
 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 2:13/44 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 80

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 3 X AZIMUTH DIST			
726 - 9	3996258.30 256099.00	71 9 6 321.33 N 69 43 44 E 321.34	601	3527
727	3996362.11 256403.10	81 53 57 1110.24 N 80 28 50 E 1110.27	217	3528
728	3996518.56 257502.26		216	3529

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

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

ALIGNMENT SHEET 81

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y	ZONE 3 X				
728	3996518.56	257502.26	134 34 12	2630.19	S 46 50 23 E	216 3529
729	3994672.74	259375.99	93 12 11	1705.18	S 88 11 46 E	215 3530
730	3994577.46	261078.51	116 26 58	483.89	S 64 56 37 E	214 3531
731	3994361.93	261511.75	145 50 47	941.22	S 35 32 37 E	213 3532
732	3993583.04	262040.16	153 28 3	2489.92	S 27 55 3 E	212 3533
733	3991355.35	263152.42	172 46 36	1612.63	S 8 36 16 E	211 3534
734	3989755.52	263355.19	190 26 60	1131.95	S 9 4 9 W	210 3535
735	3988642.34	263149.88	157 27 55	580.36	S 23 54 55 E	209 3536
736	3988106.29	263372.30	174 30 3	1078.25	S 6 52 43 E	208 3537
737	3987033.00	263475.63	158 14 39	574.18	S 23 8 3 E	207 3538
738	3986499.72	263688.45	180 8 20	1088.24	S 1 14 19 E	206 3539
739	3985411.48	263685.81	144 29 4	593.48	S 36 53 32 E	205 3540
740	3984928.41	264030.58	124 23 59	1584.74	S 56 58 19 E	204 3541
741	3984033.09	265338.17	132 30 49	994.80	S 48 51 7 E	203 3542
742	3983360.84	266071.45	181 0 49	1016.31	S 0 20 59 E	202 3543
743	3982344.69	266053.47				201 3544

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 1-15 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 81

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM Y ZONE 3 X	ALASKA STATE PLANE COORDINATE SYSTEM AZIMUTH DIST	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
743	3982344.69	266053.47	181 22 33	862.98	S 0 0 45 W	201 3544
743 - 1	3981481.96	266032.75	168 48 33	179.56	S 12 33 15 E	632 3545
743 - 2	3981305.81	266067.60	181 11 27	54.37	S 0 10 20 E	631 3546
743 - 3	3981251.45	266066.47	193 50 18	179.82	S 12 28 31 W	630 3547
743 - 4	3981076.85	266023.46	181 15 56	526.15	S 0 5 52 E	629 3548
743 - 5	3980550.83	266011.84	175 7 8	58.76	S 6 14 40 E	628 3549
743 - 6	3980492.28	266016.84	164 6 5	58.81	S 17 15 42 E	627 3550
744 - 1	3980435.72	266032.95	152 38 28	58.77	S 28 43 19 E	626 3551
744 - 2	3980383.52	266059.96	141 30 14	58.99	S 39 51 32 E	625 3552
744 - 3	3980337.35	266096.68	135 22 19	785.27	S 45 59 20 E	624 3553
744 - 4	3979778.49	266648.33	148 2 41	418.19	S 33 18 50 E	623 3554
744 - 5	3979423.67	266869.66	135 24 19	974.62	S 45 57 2 E	622 3555
744 - 6	3978729.65	267553.93	122 55 26	419.95	S 58 25 45 E	621 3556
744 - 7	3978501.40	267906.43	135 23 53	1017.57	S 45 57 6 E	620 3557
744 - 8	3977776.89	268620.94	122 55 57	421.94	S 58 24 50 E	619 3558
744 - 9	3977547.50	268975.08				618 3559

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
Antina 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
Jankovich REC. DIST.
DATE 1-7 1981
TIME 1:34 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 81

25 NOV 78

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

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 3	X				
744 - 9	3977547.50	268975.08	135 32 33	59.75	618	3559
744 -10	3977504.85	269016.93	144 1 19	587.92	617	3560
745 - 1	3977029.08	269362.32	156 32 37	420.32	616	3561
745 - 2	3976643.49	269529.63	144 1 36	1067.72	615	3562
745 - 3	3975779.39	270156.82	156 35 15	419.68	614	3563
745 - 4	3975394.26	270323.58	144 0 57	1379.65	613	3564
745 - 5	3974277.88	271134.21	131 32 32	420.18	612	3565
745 - 6	3973999.23	271448.70	144 0 41	899.83	611	3566
745 - 7	3973271.15	271977.46	131 33 51	420.28	610	3567
745 - 8	3972992.31	272291.92	144 0 34	359.60	609	3568
745 - 9	3972701.35	272503.24	156 31 8	419.90	608	3569
745 -10	3972316.22	272670.55	143 57 9	60.02	607	3570
745 -11	3972267.69	272705.87	137 4 1	59.99	606	3571
746 - 1	3972223.77	272746.73	129 53 58	181.50	605	3572
746 - 2	3972107.35	272885.97	117 46 12	179.92	604	3573
746 - 3	3972023.52	273045.17			603	3574

ALIGNMENT SHEET 81

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 3	X				
746 - 3	3972023.52	273045.17			603	3574
746 - 4	3971904.54	273186.34	130 7 29	184.62	S 51 11 44 E	184.63
746 - 5	3971761.27	273295.91	142 35 31	180.37	S 38 43 40 E	180.37

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
Zunberner 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. 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
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 82

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING		CODE NO.	FILE NO.
	Y	ZONE 3 X	AZIMUTH	DIST		
746 - 5	3971761.27	273295.91	130 3 43	5209.59	S 51 14 44 E	5209.81 601 3576
747	3968408.29	277283.06	147 30 37	4198.76	S 33 46 42 E	4198.95 230 3577
748	3964866.68	279538.41	136 37 33	314.30	S 44 39 20 E	314.32 229 3578
749	3964638.22	279754.26	128 27 44	1018.38	S 52 48 58 E	1018.43 228 3579
750	3964004.79	280551.67	108 13 45	429.00	S 73 2 44 E	429.02 227 3580
751	3963870.59	280959.14	132 4 25	4866.73	S 49 11 21 E	4866.96 226 3581
751A	3960609.47	284571.64	125 36 25	4682.21	S 55 38 1 E	4682.43 225 3582
752	3957883.38	288378.41	137 33 9	5411.96	S 43 39 58 E	5412.23 224 3583
752A	3953889.92	292031.03				223 3584

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

81-1
RECORDED - FILED
Benson
 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
 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. Nelson
 DATE 1-7 1981
 TIME 2:13 50 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 83

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 3 X AZIMUTH DIST			
752A	3953889.92 292031.03		223	3584
		133 56 23 4856.32	S 47 15 28 E	4856.57
753	3950520.12 295527.93		222	3585
		165 35 56 3639.39	S 15 35 7 E	3639.58
754	3946995.09 296433.08		221	3586
		138 23 44 1131.35	S 42 47 0 E	1131.41
755	3946149.13 297184.28		220	3587
		159 19 35 3390.73	S 21 50 48 E	3390.91
756	3942976.74 298381.36		219	3588
		128 4 32 4064.30	S 53 5 3 E	4064.52
757	3940470.29 301580.77		218	3589
		180 47 50 13780.01	S 0 21 9 E	13780.77
758	3926691.61 301389.01		217	3590

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

ALIGNMENT SHEET 84

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 3	X	AZIMUTH	DIST		
758	3926691.61	301389.01	116 37 0	6057.60	S 64 31 1 E	217 3590
759	3923977.68	306804.65	157 34 37	3946.76	S 23 32 10 E	216 3591
760	3920329.33	308310.11	157 27 39	367.09	S 23 38 50 E	215 3592
761	3919990.28	308450.82	109 2 34	225.33	S 72 3 52 E	214 3593
762	3919916.76	308663.82	87 59 12	1002.68	N 86 52 59 E	213 3594
763	3919951.99	309665.88	89 44 26	9646.34	N 88 40 4 E	212 3595
764	3919995.66	319312.12	123 14 6	559.10	S 57 48 31 E	211 3596
765	3919689.23	319779.77	132 50 24	4553.64	S 48 11 32 E	210 3597
766	3916592.97	323118.75	126 45 51	1628.77	S 54 15 16 E	209 3598
767	3915618.11	324423.57	114 1 0	986.82	S 66 59 44 E	208 3599
768	3915216.47	325324.96	124 8 49	825.52	S 56 51 38 E	207 3600
768 - 1	3914753.09	326008.16	111 38 2	180.11	S 69 22 17 E	772 3601
768 - 2	3914686.69	326175.58	124 7 42	185.01	S 56 52 33 E	771 3602
768 - 3	3914582.89	326328.73	136 39 44	180.14	S 44 20 28 E	770 3603
768 - 4	3914451.87	326452.36	124 8 40	363.29	S 56 51 27 E	769 3604
768 - 5	3914247.96	326753.03				768 3605

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

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

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

ALIGNMENT SHEET 84

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.	
	Y ZONE 3	X					AZIMUTH
768 - 5	3914247.96	326753.03	111 36 11	180.13	S 69 23 52 E	180.14	768 3605
768 - 6	3914181.64	326920.51	124 27 13	59.76	S 56 32 47 E	59.77	767 3606
768 - 7	3914147.83	326969.79	127 21 4	171.01	S 53 38 55 E	171.02	766 3607
769 - 1	3914044.08	327105.73	139 57 45	180.23	S 41 2 11 E	180.24	765 3608
769 - 2	3913906.09	327221.67	127 26 21	764.99	S 53 33 27 E	765.04	764 3609
769 - 3	3913441.04	327829.07	139 55 26	420.64	S 41 4 13 E	420.67	763 3610
769 - 4	3913119.17	328099.88					762 3611

81-1
RECORDED - FILED
Vady
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
Lambert
DATE 1-7 1981
TIME 1:35 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

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

81-1
RECORDED - FILED
Frank
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. Dalton
DATE 1-7 1981
TIME 2:13 53 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 85

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 3	X	AZIMUTH	DIST		
769 - 4	3913119.17	328099.88	127 26 16	1263.34	S 53 33 10 E	762 3611
769 - 5	3912351.19	329102.99	114 58 49	420.24	S 66 0 22 E	761 3612
769 - 6	3912173.72	329483.92	127 26 49	1323.89	S 53 32 7 E	760 3613
769 - 7	3911368.76	330534.98	139 53 55	420.01	S 41 4 47 E	759 3614
769 - 8	3911047.49	330805.53	127 26 10	903.62	S 53 32 21 E	758 3615
769 - 9	3910498.20	331523.03	114 55 14	419.71	S 66 3 5 E	757 3616
769 - 10	3910321.35	331903.66	127 36 4	60.35	S 53 22 11 E	756 3617
770	3910284.53	331951.47	135 52 12	244.02	S 45 6 0 E	755 3618
770 - 1	3910109.38	332121.38	123 24 6	180.14	S 57 34 3 E	754 3619
770 - 2	3910010.21	332271.77	135 50 12	192.79	S 45 7 55 E	753 3620
770 - 3	3909871.91	332406.09	148 22 27	180.24	S 32 35 37 E	752 3621
770 - 4	3909718.44	332500.60	135 52 15	4032.57	S 45 5 18 E	751 3622
771	3906823.98	335308.39	158 49 14	3806.33	S 22 7 34 E	206 3623
771 - 1	3903274.75	336683.58	146 21 59	180.15	S 34 34 33 E	750 3624
771 - 2	3903124.76	336783.36	158 50 43	125.36	S 22 5 47 E	749 3625
771 - 3	3903007.85	336828.60				748 3626

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

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

ALIGNMENT SHEET 85

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 3 X AZIMUTH DIST			
771 - 3	3903007.85 336828.60	171 22 5 180.16	S 9 34 25 E 180.17	748 3626
771 - 4	3902829.73 336855.64	158 48 11 422.57	S 22 8 17 E 422.60	747 3627
771 - 5	3902435.75 337008.43	146 20 18 420.05	S 34 36 5 E 420.08	746 3628
771 - 6	3902086.13 337241.26	158 44 46 455.97	S 22 11 33 E 456.00	745 3629
771 - 7	3901661.17 337406.55	154 40 8 47.59	S 26 16 9 E 47.59	744 3630
771 - 8	3901618.16 337426.91	146 25 59 47.80	S 34 30 18 E 47.80	743 3631
772 - 1	3901578.33 337453.34	138 15 36 47.62	S 42 40 40 E 47.62	742 3632
772 - 2	3901542.80 337485.04	133 54 17 254.91	S 47 1 57 E 254.93	741 3633
772 - 3	3901366.03 337668.70	146 19 26 420.11	S 34 36 43 E 420.14	740 3634
772 - 4	3901016.42 337901.65	133 51 0 219.80	S 47 5 5 E 219.82	739 3635
772 - 5	3900864.15 338060.16	121 12 49 179.34	S 59 43 13 E 179.35	738 3636
772 - 6	3900771.21 338213.54	133 56 9 120.67	S 46 59 51 E 120.68	737 3637
772 - 7	3900687.48 338300.44	146 21 2 180.11	S 34 34 56 E 180.12	736 3638
772 - 8	3900537.55 338400.24	133 50 44 5205.39	S 47 4 33 E 5205.76	735 3639
773	3896931.69 342154.42	147 23 27 2098.77	S 33 30 58 E 2098.92	205 3640
773 - 1	3895163.76 343285.46			734 3641

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

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

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

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

81-1
 RECORDED - FILED
A. Dalton
 DATE 1-7-81
 TIME 2:13 55 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 85

25 NOV. 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 3	X	AZIMUTH	DIST		
773 - 1	3895163.76	343285.46	134 56 5	180.04	734	3641
773 - 2	3895036.60	343412.91	147 21 56	159.29	733	3642
773 - 3	3894902.46	343498.81	159 55 39	179.95	732	3643
773 - 4	3894733.44	343560.57	147 19 30	287.14	731	3644
773 - 5	3894491.74	343715.59	134 56 7	419.86	730	3645
773 - 6	3894195.19	344012.81	147 23 0	475.83	729	3646
773 - 7	3893794.40	344269.29	159 53 5	420.14	728	3647
773 - 8	3893399.89	344413.78	147 24 4	1019.39	727	3648
773 - 9	3892541.09	344962.98			726	3649

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

Ontina 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

Saulomko REC. DIST.

DATE 1-17 1981

TIME 1:39 P.M.

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

81-1

RECORDED - FILED

Brannon REC. DIST.

DATE 1-17 1981

TIME 2:13 P.M.

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

81-1

RECORDED - FILED

Hamant REC. DIST.

DATE 1-17 1981

TIME 2:13 P.M.

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

81-1

RECORDED - FILED

H. Sullivan REC. DIST.

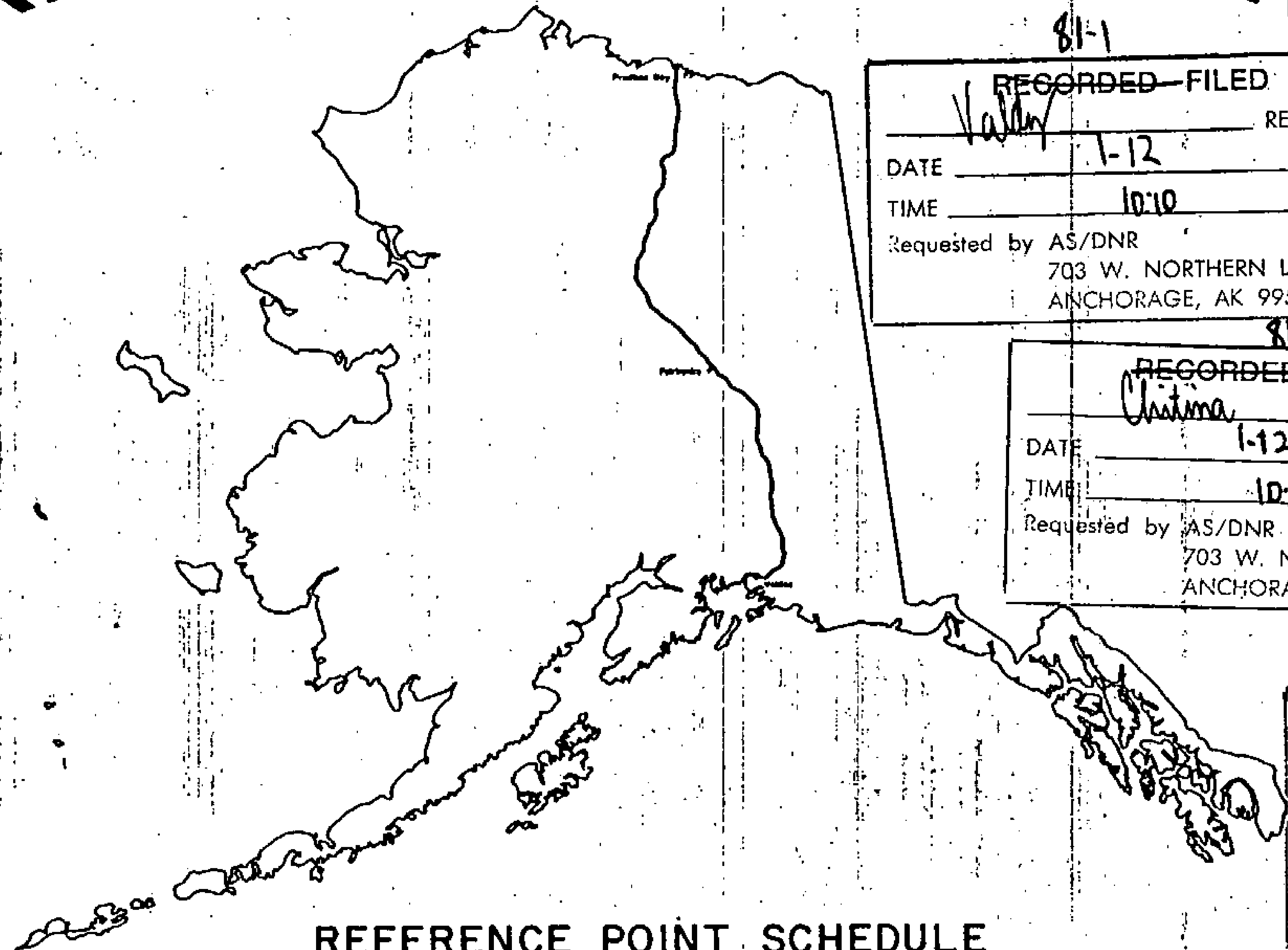
DATE 1-17 1981

TIME 2:13 P.M.

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

56

TRANS-ALASKA PIPELINE MONUMENTATION SURVEY



REFERENCE POINT SCHEDULE

Alyeska pipeline

SERVICE COMPANY

prepared by
OCEAN TECHNOLOGY LTD

agent for:

- AMERADA HESS PIPELINE CORPORATION
- ARCO PIPELINE COMPANY
- BP PIPELINES INC.
- ENXON PIPELINE COMPANY
- MOBIL ALASKA PIPELINE COMPANY
- PHILLIPS ALASKA PIPELINE COMPANY
- SONIO PIPELINE COMPANY
- UNION ALASKA PIPELINE COMPANY

81-1

RECORDED - FILED
Drummond

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 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
Zambardo

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
AS/DNR

REC. DIST. _____

DATE 1-7 1981

TIME 9:10 P.M.

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

81-1

RECORDED - FILED
Kemp

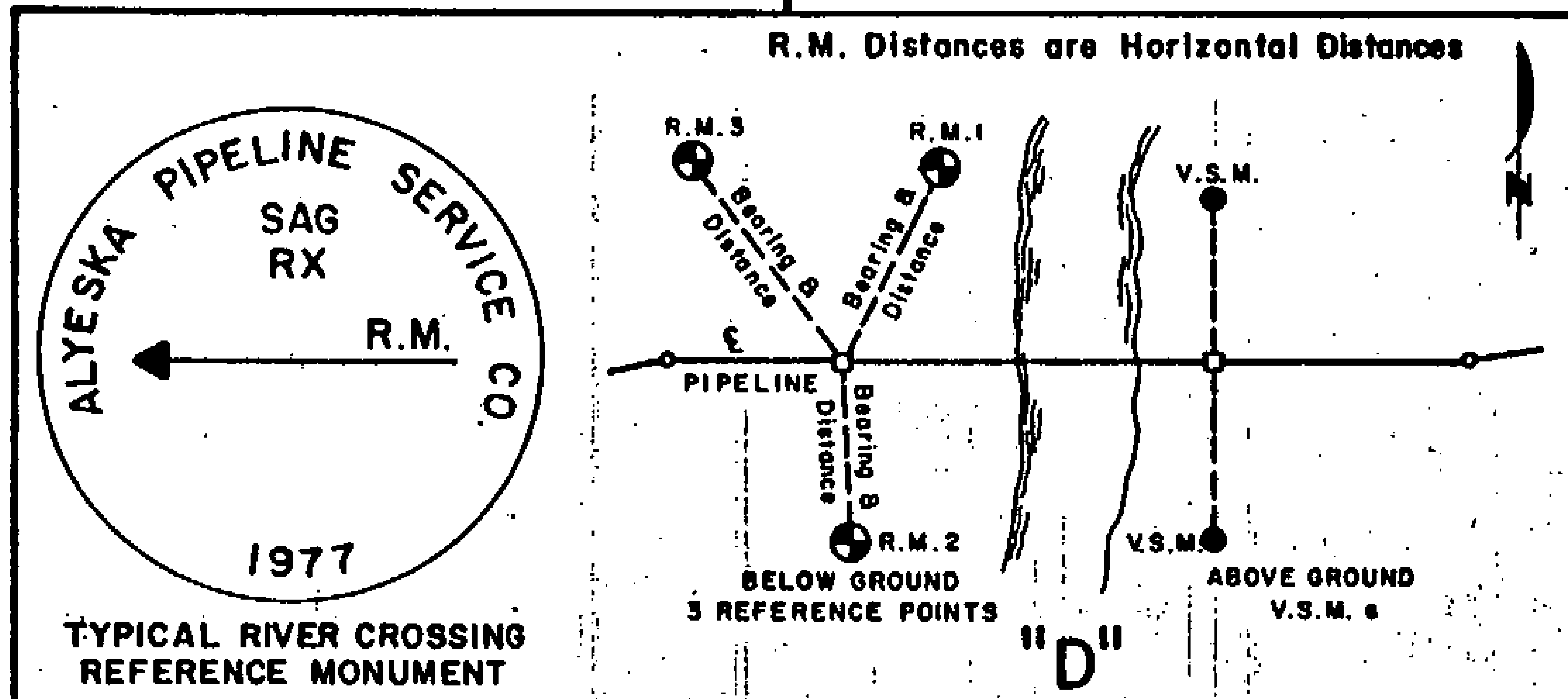
REC. DIST. _____

DATE 1-7 1981

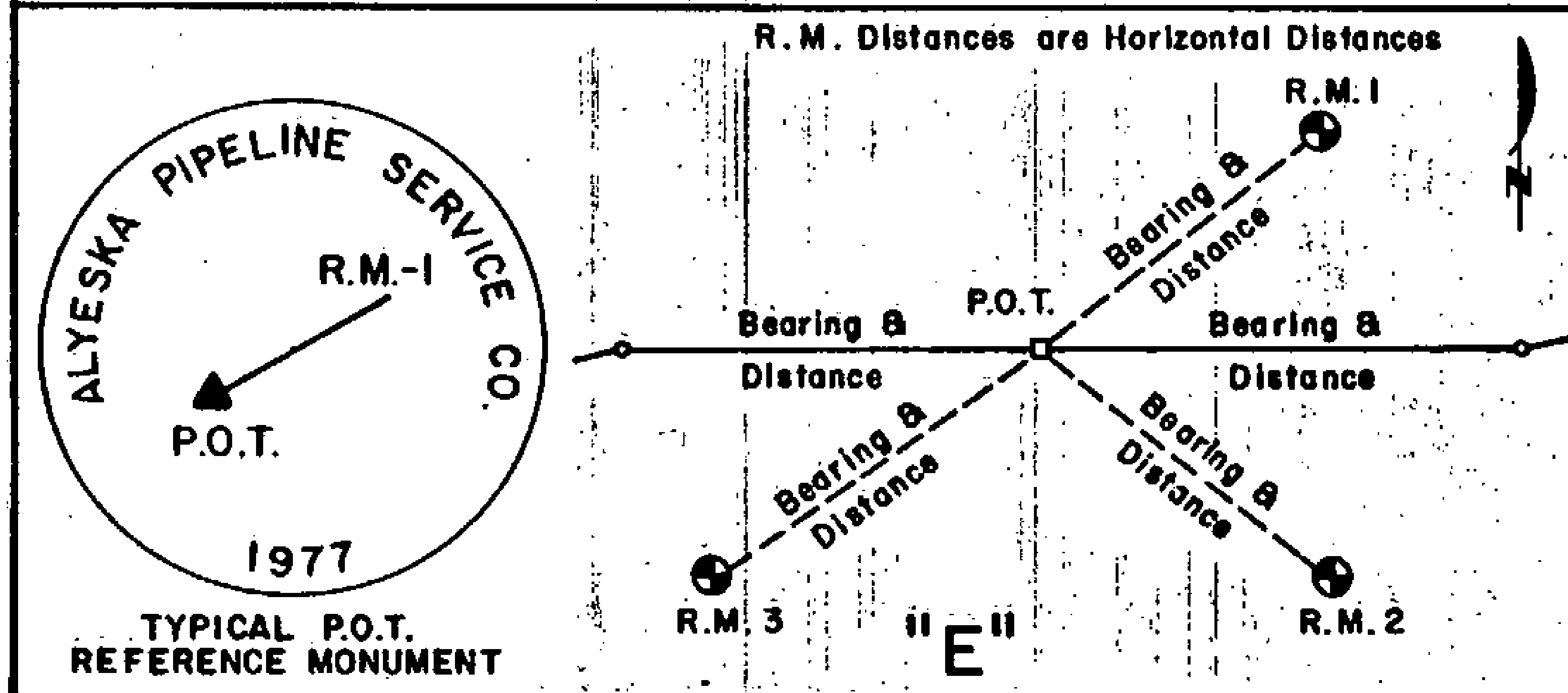
TIME 2:13 P.M.

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

TYPICAL DETAILS



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 V.S.M. CLOSEST TO THE HIGH WATER MARK.



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.

814

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

814

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

817

RECORDED - FILED

Zambardo REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

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

817

RECORDED - FILED

Boamw REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

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

817

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

814

RECORDED - FILED

2 Million REC. DIST.

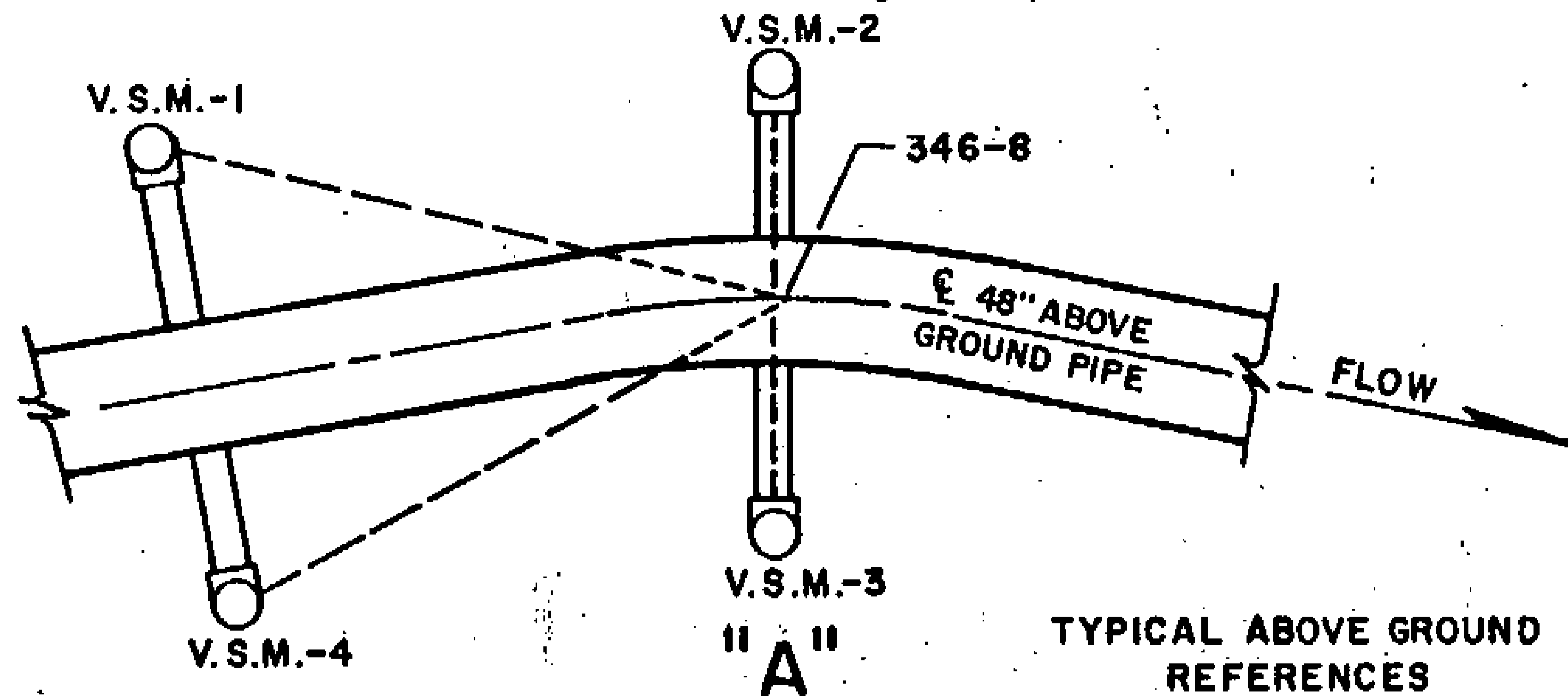
DATE 1-7 1981

TIME 2:15 P.M.

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

TYPICAL DETAILS

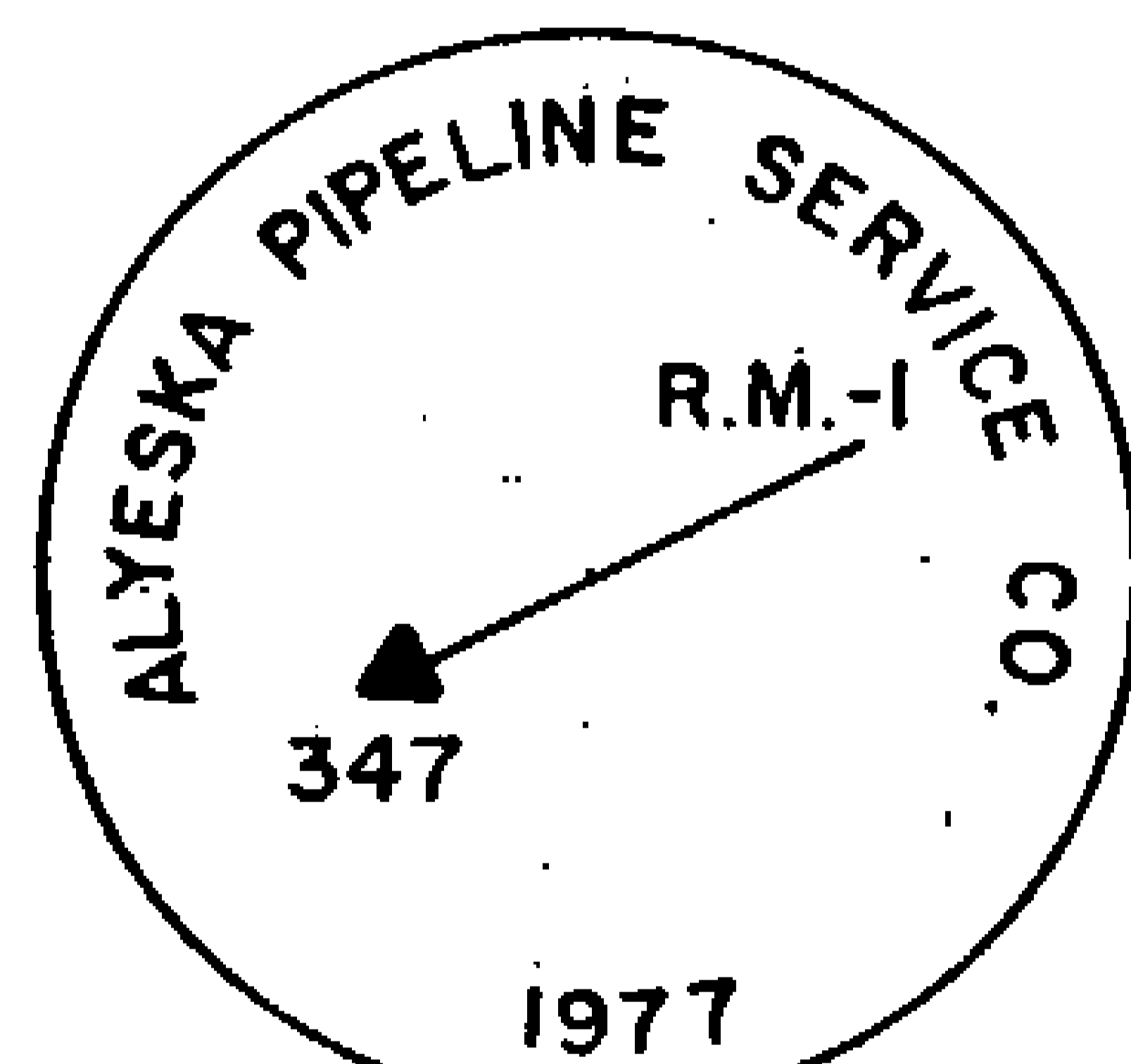
R.P. Distances are measured along the slope of the Pad.



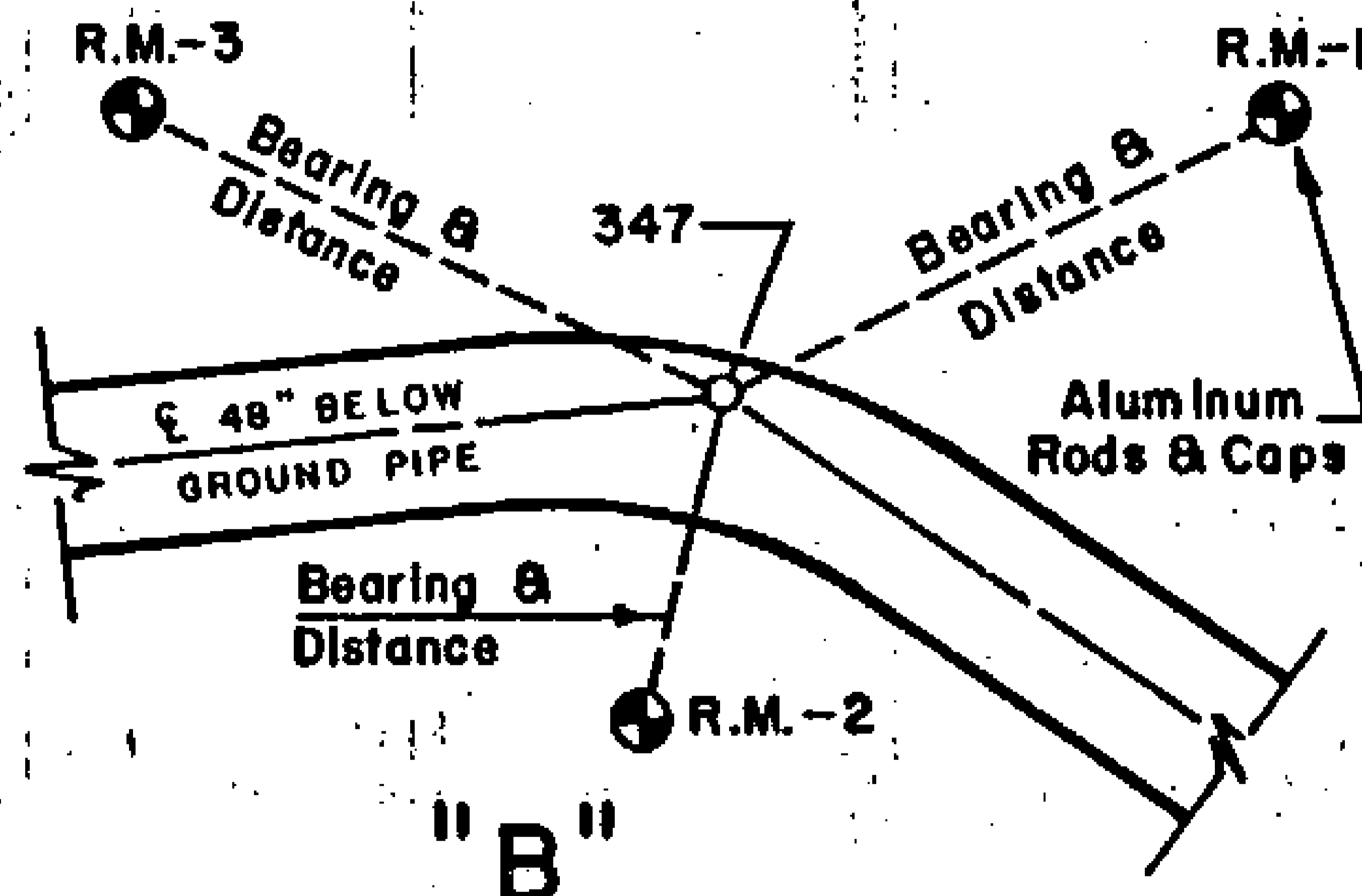
TYPICAL ABOVE GROUND REFERENCES

TYPICAL REFERENCE SYSTEM FOR ABOVE GROUND ANGLE POINTS. VERTICAL SUPPORT MEMBERS (V.S.M.S) 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

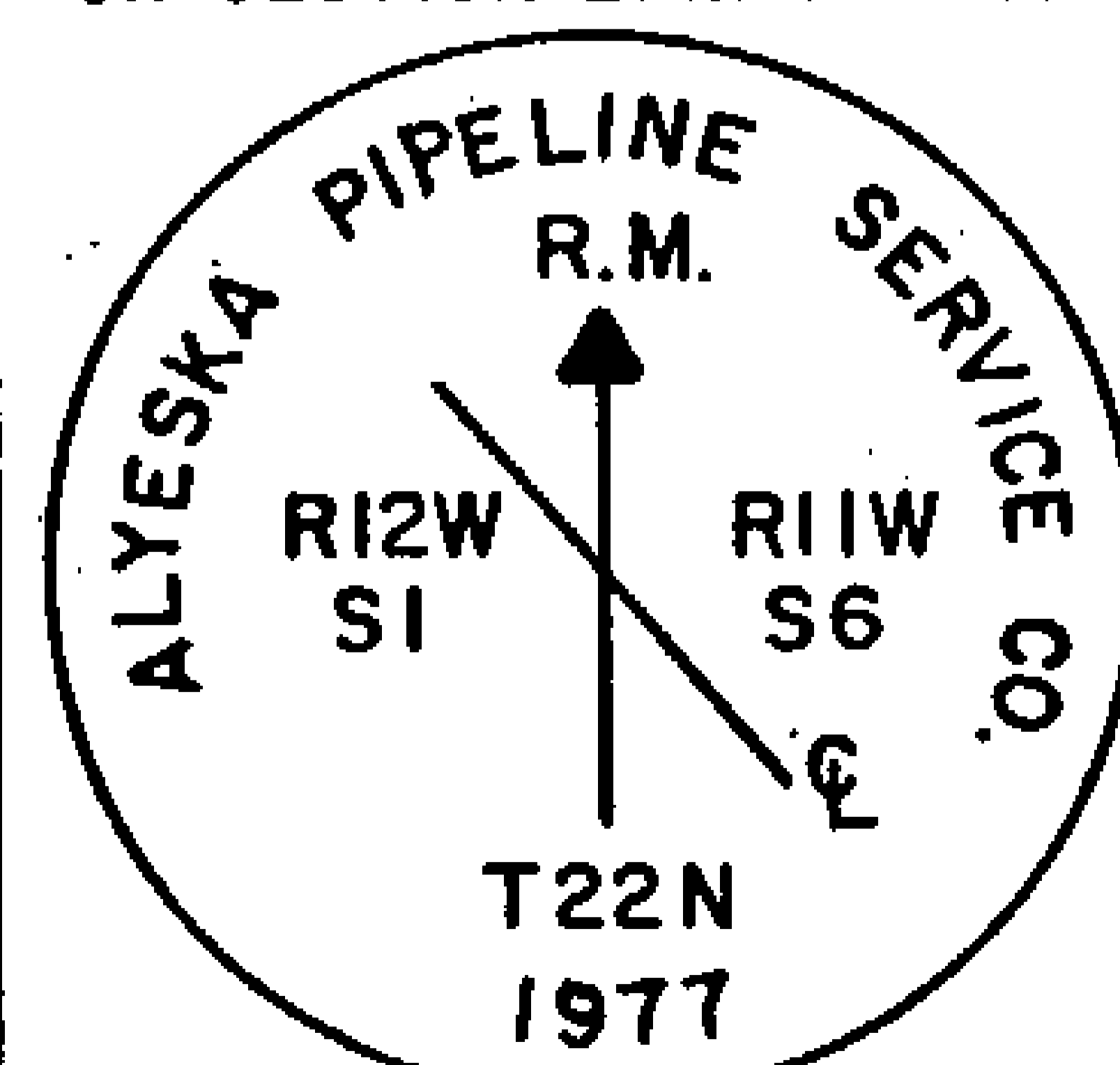


TYPICAL BELOW GROUND REFERENCE MONUMENT



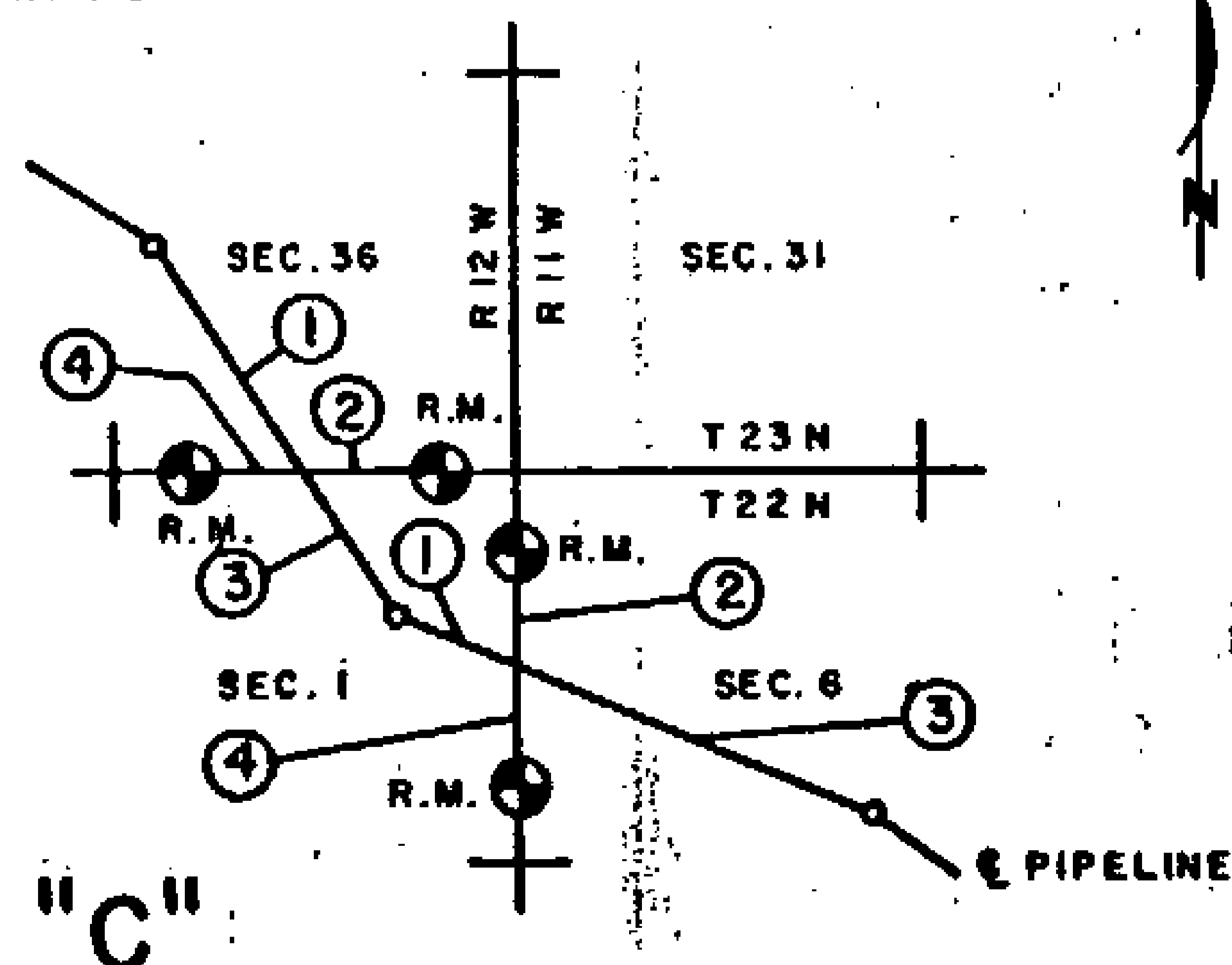
A TYPICAL REFERENCE SYSTEM FOR BELOW GROUND PIPELINE. THE THREE REFERENCE MONUMENTS SET ARE 3-1/2 INCH DIAMETER ALUMINUM CAPS ON 5/8 INCH ALUMINUM ROD DRIVEN TO EIGHT FOOT OR REFUSAL. HORIZONTAL DISTANCES AND TRUE MEAN BEARINGS WERE TAKEN FOR EACH REFERENCE MONUMENT.

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	REC. DIST.	
<i>Vally</i>			
DATE	1-12	19	81
TIME	10:10		P.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503			
81-1	RECORDED - FILED	REC. DIST.	
<i>Christina</i>			
DATE	1-12	19	81
TIME	10:20		P.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503			
81-1	RECORDED - FILED	REC. DIST.	
<i>Zumbardo</i>			
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	REC. DIST.	
<i>Burner</i>			
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	REC. DIST.	
<i>Rampant</i>			
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	REC. DIST.	
<i>A. Babson</i>			
DATE	1-7	19	81
TIME	2:13		P.M.
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503			

ALIGNMENT SHEET 76
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1		VSM-2		VSM-3		VSM-4	
	BRG	DIST	BRG	DIST	BRG	DIST	BRG	DIST
676 - 2		60.68		9.90		6.83		60.16
676 - 3		64.90		9.93		7.00		60.44
676 - 4		60.06		7.21		3.05		59.44
676 - 5		57.20		6.18		8.95		57.81
676 - 6		59.62		6.99		5.14		59.35
676 - 7		60.06		6.44		5.32		59.84
676 - 8		59.60		6.07		7.42		60.12
677 - 0		57.89		5.90		7.90		60.88
677 - 1		53.88		2.98		5.88		53.78
677 - 2		59.66		7.99		11.90		60.21
677 - 3		59.02		7.66		11.79		60.08
677 - 4		60.64		4.57		4.05		61.14
677 - 5		64.22		3.37		7.04		63.91
677 - 6		60.29		7.67		12.04		60.69
677 - 7		64.33		7.70		12.15		65.20
677 - 8		59.50		3.32		7.09		59.36
677 - 9		54.62		7.18		3.25		54.29
677 -10		59.60		11.93		7.33		58.97
677 -11		63.16		13.83		7.92		58.18
677 -12		59.82		4.79		5.49		59.71
678	N 72 56 E	78.57	S 16 13 W	49.95	N 76 24 W	37.48		
679	N 23 41 E	76.85	N 83 24 E	80.04	S 65 22 W	62.55		
680	N 13 3 E	75.58	N 74 43 E	76.19	S 26 9 W	50.48		
681	S 18 16 E	61.80	S 33 49 W	45.83	S 78 28 W	57.51		
682	S 60 30 E	55.32	S 4 11 E	35.19	S 56 2 W	56.20		
683	N 23 49 W	44.51	S 17 10 W	69.02	S 44 55 W	90.47		
684	N 24 56 E	76.89	S 20 36 E	46.39	S 81 20 W	40.54		
685	N 66 52 E	73.69	S 33 18 W	73.13	S 84 30 W	82.51		
686	N 47 60 E	85.90	S 1 15 W	42.07	N 73 39 W	44.36		

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
Ontario
 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
Zumbro
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 1:35 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Prannon
 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
Hampden
 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. Salmon
 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 76
REFERENCE MONUMENTS
3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 20 13 W	2698.17	677 -12
	POT	S 20 13 E	1261.19	678 - 0
		N 82 19 E	69.94	RM-1
		S 31 32 W	62.98	RM-2
		N 89 10 W	75.36	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 44 9 W	2492.69	683 - 0
	POT	S 44 9 E	977.55	684 - 0
		N 11 55 E	77.02	RM-1
		N 71 09 E	73.59	RM-2
		S 40 51 W	43.14	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 67 1 W	2604.29	684 - 0
	POT	S 67 1 E	2196.80	685 - 0
		N 24 11 E	68.27	RM-1
		S 33 7 E	60.39	RM-2
		S 74 15 W	59.02	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
Zamboni 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
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
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
Zamboni REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

61

ALIGNMENT SHEET 76
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL
 E-4

OBJECT

BEARING

DISTANCE

OBJECT

POT
 POT

N 20 15 W
 S 20 15 E
 N 69 49 E
 S 18 26 W
 N 51 58 W

2430.15
 1288.41
 70.04
 53.85
 61.52

685 - 0
 686 - 0
 RM-1
 RM-2
 RM-3

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 19 81
 TIME 10:30 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Ontona 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
Fambro 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
Bramm 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
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
J. Waldron REC. DIST.
 DATE 1-7 19 81
 TIME 2:12 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

62

ALIGNMENT SHEET 77
 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
687			N 50 3 E	66.29			S 17 53 W	67.61			S 79 7 W	63.57	
687 - 1	57.35				3.32				7.05				57.30
687 - 2	59.57				6.91				9.90				59.77
687 - 3	55.15				6.85				10.05				59.64
687 - 4	58.55				2.77				5.93				59.18
687 - 5	54.58				7.50				5.93				54.49
687 - 6	59.46				6.33				8.81				59.73
687 - 7	59.82				6.86				10.02				59.73
688 - 1	59.42				6.89				9.91				61.34
688 - 2	59.53				7.87				5.80				59.21
688 - 3	59.44				8.84				6.32				59.38
688 - 4	59.68				6.36				10.27				60.04
688 - 5	59.38				7.18				8.37				59.42
688 - 6	60.05				7.34				5.91				59.83
688 - 7	61.50				6.57				5.28				58.38
689 - 1	60.45				5.21				4.77				58.80
689 - 2	50.36				7.14				3.36				50.41
689 - 3	60.03				11.86				7.70				60.00
689 - 4	22.66				51.55				51.20				19.88
689 - 5	68.86				5.58				3.24				68.95
690			N 52 20 E	67.14			S 17 8 W	54.42			S 81 47 W	49.58	
691			N 41 28 E	112.60			S 11 36 W	82.10			S 67 24 W	86.77	
692			N 48 39 E	54.08			S 24 7 W	70.30			S 67 52 W	68.64	
692 - 1	54.00				4.42				4.51				54.26
692 - 2	60.25				11.94				7.57				59.68
692 - 3	55.55				11.84				7.42				54.30
692 - 4	59.28				6.20				2.99				59.07
692 - 5	58.94				6.98				9.99				59.53
692 - 6	59.85				8.58				6.35				59.68

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1991
 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 1991
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zander
 REC. DIST. _____
 DATE 1-7 1991
 TIME 1:24 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Burton
 REC. DIST. _____
 DATE 1-7 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Alvin
 REC. DIST. _____
 DATE 1-7 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Alvin
 REC. DIST. _____
 DATE 1-7 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 77
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	689 -03	S 17 20 E	55.00	RT BANK
	RT BANK	S 17 20 E	28.00	LT BANK
	LT BANK	S 17 20 E	151.00	689 -05

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 47 45 W	2845.18	686 - 0
	POT	S 47 45 E	5146.96	687 - 0
		S 13 18 E	65.76	RM-1
		S 37 40 W	35.13	RM-2
		N 80 54 W	63.73	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 47 45 W	5601.43	686 - 0
	POT	S 47 45 E	2390.71	687 - 0
		N 39 45 E	64.16	RM-1
		S 5 24 W	56.17	RM-2
		S 79 57 W	62.48	RM-3

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

ALIGNMENT SHEET 77
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 28 44 W	1506.93	689 - 5
	POT	S 28 44 E	1515.89	690 - 0
		N 62 29 E	59.57	RM-1
		S 24 42 W	58.67	RM-2
		N 68 20 W	68.69	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 35 36 W	2697.79	690 - 0
	POT	S 35 36 E	2648.99	691 - 0
		N 57 30 E	62.67	RM-1
		S 5 30 W	61.22	RM-2
		N 83 15 W	59.76	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 63 29 W	2599.60	691 - 0
	POT	S 63 29 E	2589.07	692 - 0
		N 26 31 E	70.55	RM-1
		S 10 56 E	47.52	RM-2
		S 69 55 W	51.23	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
Valley 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
Zoulenko REC. DIST.
 DATE 1-7 1981
 TIME 1:34 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
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
A. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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ALIGNMENT SHEET 78
 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
692 - 7	60.45		10.15		6.72		59.46
692 - 8	58.95		6.92		9.79		59.84
692 - 9	58.86		5.92		2.90		59.24
692 -10	60.13		11.88		7.59		59.57
692 -11	60.24		12.23		7.01		59.26
692 -12	59.64		5.85		3.00		59.34
693		N 39 17 E 128.76		S 12 54 W 86.90		S 75 12 W 72.13	
693 - 1	57.83		4.65		5.60		58.45
693 - 2	59.39		9.90		6.90		59.38
693 - 3	57.60		9.47		7.45		57.40
693 - 4	59.08		4.47		4.47		59.45
694 - 0	59.60		5.32		8.13		59.71
694 - 1	58.81		6.29		8.77		60.50
694 - 2	59.88		6.43		5.45		59.68
694 - 3	61.44		7.50		5.82		60.84
694 - 4	59.33		6.02		7.52		59.67
694 - 5	59.77		5.91		7.67		60.18
694 - 6	59.52		7.56		5.98		59.48
694 - 7	59.76		7.66		5.73		59.56
694 - 8	59.63		5.92		7.50		59.79
694 - 9	60.31		14.09		11.55		59.80
694 -10	59.63		6.98		9.92		60.14
694 -11	59.53		6.61		8.84		59.83
694 -12	59.61		8.60		6.45		59.46
694 -13	59.30		6.93		5.00		59.01
694 -14	59.84		6.52		5.43		58.29
695 - 1	59.99		7.97		5.63		57.83
695 - 2	58.92		6.86		5.09		58.80
695 - 3	57.00		7.00		3.47		56.86
695 - 4	60.09		12.08		7.52		59.30

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
Justin 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
Zambon 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
Pannon 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
Sampt 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. Ballou REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 78
REFERENCE MONUMENTS
31 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		
695 - 5	58.38			11.96			7.74			57.13
695 - 6	59.61			4.41			4.50			59.10
695A		N 22 37 E	51.55		N 67 4 E	58.14		S 86 47 W	33.67	
695B		N 60 4 E	60.04		S 26 55 W	57.36		S 76 54 W	44.48	
695C		N 71 22 E	115.00		S 25 21 W	77.04		N 78 31 W	80.78	
695C- 1	59.69			5.21			3.88			60.21
695C- 2	60.02			10.07			6.97			59.19
695C- 3	61.60			10.51			6.41			60.67
695C- 4	59.92			6.18			2.86			59.26
695C- 5	59.58			5.23			6.50			59.65
696 - 1	58.88			6.78			12.72			61.32
696 - 2	58.97			6.40			8.51			60.92
696 - 3	59.91			6.41			5.77			59.73
696 - 4	60.39			10.19			7.05			59.25
696 - 5	59.39			7.01			12.49			60.00
696 - 6	59.31			3.17			5.95			59.13
696 - 7	60.00			7.50			12.18			60.42
696 - 8	60.00			7.43			12.10			60.09
696 - 9	59.48			4.31			4.35			59.82
697		N 39 50 E	70.51		S 4 21 W	72.16		N 80 24 W	71.30	
698		N 30 47 E	102.39		N 80 9 E	106.60		S 59 25 W	84.40	

81-1
RECORDED - FILED
Vulby 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
Fanlonby 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
Prannon 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
A. B. H. 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 78
REFERENCE MONUMENTS
3 JULY 79

DETAIL C

DETAIL

C-1

	BEARING	DISTANCE	OBJECT
1	N 32 20 W	1659.37	697 -00
2	N 89 59 E	82.95	RM-1
3	S 32 20 E	2916.23	698 -00
4	S 89 59 W	58.33	RM-2

DETAIL D

DETAIL

D-1

OBJECT	BEARING	DISTANCE	OBJECT
RT BANK RM 695A	S 28 45 E	103.85	695A
RT BANK	S 22 4 E	23.00	RT BANK
LT BANK	S 22 4 E	110.60	LT BANK
695B	S 31 52 E	10.00	695B
		195.89	LT BANK RM
RT BANK RM	N 74 31 E	120.58	RM-1
	S 56 43 W	237.96	RM-2
	S 85 28 W	198.02	RM-3
LT BANK RM	N 55 17 E	120.01	RM-1
	S 13 57 W	198.88	RM-2
	N 72 38 W	229.45	RM-3

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
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
Janet REC. DIST.
DATE 1-7 1981
TIME 1:31 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
Al Burton REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 78
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL

OBJECT

BEARING

DISTANCE

OBJECT

E-1

POT
 POT

N 39 51 W
 S 39 51 E
 N 44 50 E
 S 4 34 W
 N 88 44 W

2184.12
 1571.63
 72.71
 58.97
 59.42

696 - 9
 697 - 0
 RM-1
 RM-2
 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
Bramon 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
Bramon 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. Bilton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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ALIGNMENT SHEET 79
 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			
699		N 52 11 E	70.90		S 21 58 W	38.48		S 82 32 W	49.91	
699 - 1	62.54			5.77			3.03			62.15
699 - 2	59.67			8.66			6.13			59.43
699 - 3	63.80			8.92			6.25			63.24
699 - 4	59.94			5.79			2.92			59.60
699 - 5	59.21			5.02			6.86			59.78
699 - 6	58.54			5.74			6.21			59.93
700 - 1	58.55			5.82			6.11			61.13
700 - 2	59.39			4.07			6.12			59.47
700 - 3	56.82			8.87			6.40			56.36
700 - 4	59.80			6.65			8.90			59.87
700 - 5	54.69			6.32			8.82			54.95
700 - 6	60.17			9.96			6.82			59.60
700 - 7	59.49			9.34			5.55			58.98
701 - 1	60.71			10.02			6.88			58.91
701 - 2	58.54			8.57			6.33			60.49
701 - 3	59.51			7.13			3.63			59.52
701 - 4	60.28			12.04			7.45			59.54
701 - 5	63.65			11.77			7.70			58.55
701 - 6	49.95			4.56			4.31			49.92
702		N 39 41 E	58.02		S 5 22 W	68.04		S 71 49 W	63.05	
703		N 59 7 E	69.96		S 23 15 W	53.70		N 63 9 W	71.78	
704		N 34 56 E	75.88		S 63 16 E	67.16		S 74 3 W	51.19	
705		N 61 38 E	203.89		S 35 48 W	82.48		N 62 35 W	78.47	
706		N 28 37 E	121.41		N 65 47 E	95.85		S 35 37 W	63.83	
707		S 0 40 E	86.33		S 43 10 W	60.07		S 87 51 W	93.26	
708		N 28 45 E	113.72		S 39 15 E	56.04		N 78 5 W	48.07	
709		N 42 53 E	46.77		S 11 41 W	91.17		S 62 15 W	91.21	
710		N 79 47 E	54.17		S 44 23 W	65.55		N 70 21 W	59.73	
711		N 80 53 E	69.67		S 44 29 W	48.64		N 54 44 W	46.45	

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

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
Zambora 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
Burns 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
Bampton 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 Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 79
 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
712		N 60 50 E		70.97	S 58 2 E			68.67	N 86 15 W			59.79	

DETAIL C

DETAIL

C-1

	BEARING	DISTANCE	OBJECT
1	N 85 24 W	43.83	700 -02
2	N 0 03 W	32.97	RM-1
3	S 85 24 E	536.16	700 -03
4	S 0 03 E	85.07	RM-2

DETAIL C

DETAIL

C-2

	BEARING	DISTANCE	OBJECT
1	N 64 48 W	261.56	701 -06
2	S 89 59 E	183.34	RM-1
3	S 64 48 E	2767.04	702 -00
4	N 89 59 W	166.03	RM-2

81-1
 RECORDED - FILED
Valdy REC. DIST.
 DATE 1-12 1991
 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 1991
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zambardo REC. DIST.
 DATE 1-7 1991
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Branon REC. DIST.
 DATE 1-7 1991
 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 1991
 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 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 79
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 0 14 E	2269.13	710 - 0
	POT	S 0 14 W	946.37	711 - 0
		S 87 3 E	75.79	RM-1
		S 51 16 W	60.08	RM-2
		N 42 59 W	67.28	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 12 39 W	2395.87	711 - 0
	POT	S 12 39 E	2177.98	712 - 0
		N 76 36 E	66.03	RM-1
		S 32 36 W	47.92	RM-2
		N 54 8 W	49.86	RM-3

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

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ALIGNMENT SHEET 79
REFERENCE MONUMENTS
3 JULY 79

DETAIL C

DETAIL

C-3

	BEARING	DISTANCE	OBJECT
1	N 64 48 W	1267.94	701 -06
2	N 0 21 W	80.31	RM-1
3	S 64 48 E	1760.66	702 -00
4	S 0 21 E	49.12	RM-2

DETAIL C

DETAIL

C-4

	BEARING	DISTANCE	OBJECT
1	N 4 57 E	901.54	704 -00
2	S 89 54 E	72.93	RM-1
3	S 4 57 W	3891.31	705 -00
4	N 89 54 W	37.53	RM-2

DETAIL C

DETAIL

C-5

	BEARING	DISTANCE	OBJECT
1	N 26 31 W	227.93	707 -00
2	N 89 57 E	85.32	RM-1
3	S 26 31 E	440.24	708 -00
4	S 89 57 W	48.04	RM-2

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

ALIGNMENT SHEET 79
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL C

DETAIL

C-6

	BEARING	DISTANCE	OBJECT
1	N 73 43 W	138.41	708 -00
2	N 0 03 E	120.25	RM-1
3	S 73 43 E	977.65	709 -00
4	S 0 03 W	48.32	RM-2

DETAIL C

DETAIL

C-7

	BEARING	DISTANCE	OBJECT
1	N 12 39 W	245.36	711 -00
2	S 89 59 E	76.27	RM-1
3	S 12 39 E	4328.49	712 -00
4	N 89 59 W	41.61	RM-2

DETAIL E

DETAIL

E-1

OBJECT	BEARING	DISTANCE	OBJECT
POT	N 4 57 E	2153.84	704 - 0
POT	S 4 57 W	2639.02	705 - 0
	N 89 19 E	65.92	RM-1
	S 43 14 W	61.77	RM-2
	N 35 21 W	52.89	RM-3

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

ALIGNMENT SHEET 80
 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			
713	S 74 57 E		77.30	S 52 41 W		48.36	N 32 59 W		46.39	
714	N 76 0 E		68.90	S 32 30 W		53.69	N 44 7 W		59.38	
714 - 1	60.10			5.57			4.74			60.03
714 - 2	59.80			9.12			7.66			59.74
714 - 3	60.16			6.00			8.92			60.75
715 - 1	58.72			6.43			9.05			61.94
715 - 2	59.61			3.12			5.82			59.56
715 - 3	58.59			4.49			5.77			58.98
715 - 4	59.74			7.56			5.89			59.51
715 - 5	59.78			8.08			5.92			59.30
715 - 6	59.24			4.72			5.72			59.49
716 - 0	58.11			4.75			5.70			60.56
716 - 1	43.54			5.91			3.16			43.25
716 - 2	59.75			9.90			6.59			59.55
716 - 3	61.62			9.77			6.87			57.92
716 - 4	60.15			5.92			2.87			59.88
717	N 5 20 E		124.58	S 15 13 E		178.55	S 58 10 W		237.39	
718	N 11 34 E		60.20	S 6 59 E		50.80	S 43 13 W		40.47	
719	N 9 17 W		91.72	N 65 20 E		76.92	S 41 3 W		129.08	
720	S 1 1 W		77.61	S 54 12 W		53.30	N 85 9 W		75.32	
721	N 17 20 E		123.95	N 46 42 E		106.71	N 71 34 E		126.29	
721 - 1	58.03			5.99			3.07			58.13
721 - 2	59.60			10.03			6.88			59.50
721 - 3	60.55			10.64			6.16			59.60
722 - 1	60.83			10.20			6.83			58.94
722 - 2	59.90			5.96			3.13			59.67
722 - 3	60.51			4.83			5.79			60.99
722 - 4	59.79			7.52			6.01			59.53
722 - 5	60.12			7.55			5.95			59.49
722 - 6	59.74			4.54			4.60			59.64

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
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
Juanita
 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
Burton
 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. Dalton
 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 80
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
723 - 0	58.20		3.73		5.26		60.50
723 - 1	62.61		5.66		4.67		62.30
723 - 2	59.60		6.27		8.75		59.88
723 - 3	59.58		6.30		8.62		59.98
723 - 4	59.42		5.75		4.68		59.54
723 - 5	59.45		5.63		6.42		59.55
723 - 6	58.91		5.62		6.45		60.36
724 - 1	58.65		5.90		7.65		61.17
724 - 2	59.55		4.94		7.15		59.95
724 - 3	59.48		5.07		7.01		59.50
724 - 4	63.84		4.40		4.43		63.63
724 - 5	59.60		6.69		9.95		60.00
724 - 6	59.52		6.70		10.27		60.29
724 - 7	59.48		7.19		3.20		59.38
725		S 59 30 E 60.23		S 14 30 E 45.67		S 24 8 W 67.94	
725A		N 40 25 W 63.97		N 21 16 E 80.33		S 6 57 E 106.22	
725A- 1	55.82		3.22		5.92		55.59
725A- 2	59.61		6.34		8.57		59.98
725A- 3	54.46		6.20		8.80		58.32
725A- 4	59.43		3.25		5.72		59.98
725A- 5	59.79		4.71		5.41		59.72
726 - 1	58.55		5.48		7.96		60.28
726 - 2	59.40		6.04		7.47		59.66
726 - 3	59.58		6.39		5.60		59.42
726 - 4	58.75		7.40		6.05		58.00
726 - 5	59.27		5.75		7.52		59.65
726 - 6	54.10		6.02		2.92		53.91
726 - 7	60.15		10.32		6.85		59.98
726 - 8	62.67		9.86		6.86		57.87
726 - 9	59.79		5.83		2.85		59.61

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 10 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
Junkies 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
Brown 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
Pompan 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
J. Nelson REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503 **76**

ALIGNMENT SHEET 80
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			
727	N 12 34 W		63.23	S 66 23 E		68.10	S 24 46 W		63.02	
728	N 12 12 E		42.41	S 9 47 E		92.19	S 43 20 W		97.25	

DETAIL C

DETAIL

C-1

	BEARING	DISTANCE	OBJECT
1	N 23 05 E	1150.33	712 -00
2	N 89 56 E	90.58	RM-1
3	S 23 05 W	2561.10	713 -00
4	S 89 56 W	41.96	RM-2

DETAIL C

DETAIL

C-2

	BEARING	DISTANCE	OBJECT
1	N 12 06 W	2220.43	714 -00
2	N 89 55 E	113.47	RM-1
3	S 12 06 E	764.01	714 -01
4	S 89 55 W	192.40	RM-2

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
Zander REC. DIST.
DATE 1-7 1981
TIME 1:31 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 81
 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			
729	S 26 36 E		51.10	S 25 13 W		35.36	S 85 53 W		55.27	
730	N 3 32 W		59.08	N 50 53 E		79.85	S 41 31 E		100.04	
731	N 31 24 E		65.09	S 23 17 W		68.58	S 76 38 W		61.83	
732	S 1 29 E		84.73	S 36 3 W		42.38	N 60 42 W		74.58	
733	S 32 60 W		68.98	S 69 56 W		45.83	N 61 38 W		67.15	
734	N 87 37 E		58.35	S 53 41 W		56.42	N 52 27 W		53.10	
735	N 86 15 E		79.13	S 32 51 W		36.13	N 39 29 W		35.45	
736	S 26 10 W		83.39	S 66 36 W		52.72	S 87 3 W		86.51	
737	S 36 42 W		70.79	S 79 30 W		40.57	N 42 32 W		59.61	
738	S 47 35 W		56.05	S 83 9 W		43.11	N 61 19 W		59.23	
739	N 63 56 E		70.30	S 13 26 W		42.14	N 61 59 W		39.08	
740	N 42 59 E		72.22	S 13 49 E		36.95	N 86 14 W		40.38	
741	N 29 28 E		57.42	S 12 40 W		44.77	S 64 3 W		45.08	
742	S 29 58 W		85.51	S 63 38 W		65.26	S 89 21 W		79.09	
743	N 65 52 W		33.07	N 39 4 W		48.22	N 24 22 W		75.91	
743 - 1	64.21			5.97			3.07			64.58
743 - 2	59.96			7.68			5.80			59.72
743 - 3	39.56			8.63			6.47			52.81
743 - 4	59.97			6.04			2.97			59.65
743 - 5	48.76			5.46			6.23			48.73
743 - 6	57.64			5.97			6.37			59.07
744 - 1	57.32			6.19			7.53			60.16
744 - 2	58.62			5.70			6.32			58.77
744 - 3	58.61			5.74			6.52			58.90
744 - 4	62.77			8.79			6.36			63.38
744 - 5	59.50			6.34			8.94			59.70
744 - 6	59.72			7.00			9.85			60.26
744 - 7	60.46			10.23			6.32			59.63
744 - 8	59.34			5.36			6.34			60.00
744 - 9	62.37			8.45			6.38			61.84

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
Zambler REC. DIST.
 DATE 1-7 1981
 TIME 11:39 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 81
 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
744 -10	61.64			8.85			6.17			57.68
745 - 1	58.05			8.89			6.22			57.58
745 - 2	59.74			6.16			8.88			60.15
745 - 3	60.14			12.37			7.72			59.51
745 - 4	59.78			7.54			12.08			60.35
745 - 5	59.82			6.89			10.04			60.48
745 - 6	69.69			9.87			6.83			69.40
745 - 7	59.41			6.19			8.88			59.96
745 - 8	60.00			6.23			5.70			59.47
745 - 9	59.35			5.88			4.94			59.43
745 -10	59.26			5.76			7.66			59.69
745 -11	58.28			5.55			7.70			61.56
746 - 1	58.69			4.59			5.61			60.87
746 - 2	56.01			4.93			3.99			55.97
746 - 3	60.19			11.98			7.55			59.66
746 - 4	62.30			11.91			7.76			61.09
746 - 5	59.64			6.07			2.95			59.33

DETAIL C

DETAIL

C-1

DETAIL	BEARING	DISTANCE	OBJECT
1	N 48 51 W	575.64	741 -00
2	N 72 6 W	162.26	RM-1
3	S 48 51 E	419.19	742 -00
4	S 72 6 E	182.08	RM-2

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

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

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

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

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

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

ALIGNMENT SHEET 81
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL C

DETAIL

C-2

	BEARING	DISTANCE	OBJECT
1	N 45 57 W	267.99	744 -07
2	S 89 58 E	26.00	RM-1
3	S 45 57 E	749.61	744 -08
4	N 89 58 W	96.47	RM-2

DETAIL C

DETAIL

C-3

	BEARING	DISTANCE	OBJECT
1	N 49 47 W	151.73	745 -05
2	S 0 01 E	23.17	RM-1
3	S 49 47 E	268.47	745 -06
4	N 0 01 W	90.38	RM-2

DETAIL C

DETAIL

C-4

	BEARING	DISTANCE	OBJECT
1	N 37 19 W	72.63	745 -08
2	N 89 57 E	21.05	RM-1
3	S 37 19 E	286.99	745 -09
4	S 89 57 W	129.21	RM-2

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
Zambardo 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
Pommer 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
Pomper 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
Ed Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 82
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
747	N 49 43 E	56.61	S 11 40 W	52.33	S 88 10 W	54.66							
748	N 72 4 E	101.01	S 3 12 E	66.75	S 86 14 W	41.83							
749	N 36 31 E	91.01	S 2 47 W	49.88	S 82 30 W	53.42							
750	N 55 22 E	95.48	S 31 17 E	60.60	S 71 53 W	44.05							
751	N 17 15 E	61.89	N 82 25 E	89.47	S 38 21 W	55.98							
751A	N 36 57 E	66.54	S 6 31 E	51.70	N 80 39 W	76.90							
752	N 4 9 E	81.67	N 66 27 E	70.77	S 3 56 E	53.95							
752A	N 2 35 E	84.22	S 2 30 W	58.13	S 65 34 W	48.33							

DETAIL C

DETAIL	BEARING	DISTANCE	OBJECT
C-1			
1	N 51 15 W	3560.82	746 -05
2	N 0 00 W	81.44	RM-1
3	S 51 15 E	1648.99	747 -00
4	S 0 00 E	42.01	RM-2

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
Clinton
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
Fambro
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
Prann
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
Rampert
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. Sullivan
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 82
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL C

DETAIL

C-2

	BEARING	DISTANCE	OBJECT
1	N 33 47 W	1047.07	747 -00
2	S 89 56 E	92.35	RM-1
3	S 33 47 E	3151.88	748 -00
4	N 89 56 W	48.56	RM-2

DETAIL C

DETAIL

C-3

	BEARING	DISTANCE	OBJECT
1	N 73 3 W	272.83	750 - 0
2	N 37 22 W	109.99	RM-1
3	S 73 3 E	156.19	751 - 0
4	S 37 22 E	109.99	RM-2

DETAIL C

DETAIL

C-4

	BEARING	DISTANCE	OBJECT
1	N 43 40 W	1592.39	752 -00
2	N 51 3 E	75 00	RM 1
3	S 43 40 E	3819.84	752A-00
4	S 51 3 W	75 00	RM 2

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

ALIGNMENT SHEET 82
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL C

DETAIL

C-5

	BEARING	DISTANCE	OBJECT
1	N 43 40 W	4180.24	752 -00
2	S 2 3 E	100.53	RM-1
3	S 43 40 E	1231.99	752A-00
4	N 2 3 W	74.35	RM-2

DETAIL D

DETAIL

D-1

OBJECT	BEARING	DISTANCE	OBJECT
747	S 33 47 E	2704.96	RT BANK RM
RT BANK RM	S 33 47 E	179.02	RT BANK
RT BANK	S 33 47 E	389.68	LT BANK
LT BANK	S 33 47 E	121.25	LT BANK RM
LT BANK RM	S 33 47 E	804.04	748
RT BANK RM	N 30 39 E	94.85	RM-1
	N 88 22 E	114.23	RM-2
	S 60 25 W	174.20	RM-3
LT BANK RM	N 51 40 E	92.76	RM-1
	S 45 36 W	157.31	RM-2
	S 74 46 W	230.17	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 L.
 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 L.
 ANCHORAGE, AK 92

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

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

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

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

ALIGNMENT SHEET 82
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 51 15 W	2440.43	746 - 5
	POT	S 51 15 E	2769.38	747 - 0
		N 34 30 E	69.34	RM-1
		S 7 31 W	55.77	RM-2
		S 76 18 W	51.38	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 55 38 W	2012.35	751A- 0
	POT	S 55 38 E	2670.08	752 - 0
		N 32 27 E	59.38	RM-1
		S 11 5 E	54.89	RM-2
		S 68 59 W	54.42	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 47 15 W	2160.04	752A- 0
	POT	S 47 15 E	2696.53	753 - 0
		N 43 58 E	124.60	RM-1
		S 43 32 W	37.89	RM-2
		N 83 14 W	63.14	RM-3

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

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

81-1
 RECORDED - FILED
Fanlonby
 DATE 1-7 1981
 TIME 1:34 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

81-1
 RECORDED - FILED
Bannon
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

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

81-1
 RECORDED - FILED
H. Dalton
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99501

ALIGNMENT SHEET 83
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
753			S 80 26 E	66.97			S 29 49 W	69.29			N 89 31 W	75.84	
754			N 23 40 E	108.53			N 84 31 E	83.04			S 83 4 W	38.88	
755			N 49 49 E	54.33			S 10 41 W	77.07			S 89 7 W	65.27	
756			N 55 31 E	78.41			S 6 36 W	50.44			N 69 50 W	66.09	
757			N 49 30 E	40.47			S 37 5 W	107.21			S 70 11 W	96.63	
758			N 50 31 E	108.66			S 27 22 W	35.07			N 59 3 W	21.07	

DETAIL C

DETAIL	BEARING	DISTANCE	OBJECT
C-1			
	1 N 21 51 W	175.68	755 -00
	2 S 89 59 E	86.38	RM-1
	3 S 21 51 E	3215.23	756 -00
	4 N 89 59 W	58.26	RM-2

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1				
	POT	N 15 35 W	1746.62	753 - 0
	POT	S 15 35 E	1892.96	754 - 0
		N 69 51 E	70.55	RM-1
		S 30 29 W	67.10	RM-2
		N 49 15 W	76.55	RM-3

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

ALIGNMENT SHEET 84
 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			
759		N 8 47 E		41.73	S 88 52 E			47.83	S 51 30 W			74.60	
760		N 63 42 E		146.92	S 61 48 W			99.34	N 86 11 W			78.54	
761		N 77 42 W		61.26	N 55 32 W			95.17	N 43 8 W			146.30	
762		N 5 24 E		190.38	S 80 1 E			229.91	S 70 15 E			176.82	
763		N 3 7 W		88.75	S 16 32 E			50.48	S 40 20 W			62.30	
764		N 13 44 E		47.05	S 17 4 E			67.98	S 52 14 W			74.03	
765		N 30 47 E		64.16	S 1 7 E			48.60	S 69 48 W			47.13	
766		N 37 12 E		64.25	S 8 7 W			40.58	S 74 24 W			44.20	
767		N 59 3 E		81.66	S 7 6 E			41.73	S 64 6 W			36.83	
768		N 14 34 E		62.35	N 63 38 E			77.40	S 20 57 W			72.58	
768 - 1	66.29				4.61				4.41				66.25
768 - 2	59.79				10.20				6.72				59.75
768 - 3	62.93				9.94				6.79				61.52
768 - 4	60.03				6.01				2.83				59.56
768 - 5	75.40				4.58				4.39				75.60
768 - 6	60.08				7.80				5.63				59.73
768 - 7	61.64				8.75				4.89				58.14
769 - 1	55.27				7.69				5.90				54.72
769 - 2	59.90				4.80				5.90				59.53
769 - 3	59.97				10.25				6.64				59.46
769 - 4	64.46				8.38				11.39				64.71

81-1
 RECORDED - FILED
Waldy
 REC. DIST.
 DATE 1-12 1981
 TIME 10:00 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
Jankovich
 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. Dillon
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 84
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL C

DETAIL

C-1

	BEARING	DISTANCE	OBJECT
1	N 64 31 W	3317.43	758 -00
2	N 36 10 E	87.61	RM-1
3	S 64 31 E	2740.52	759 -00
4	S 36 10 W	38.69	RM-2

DETAIL C

DETAIL

C-2

	BEARING	DISTANCE	OBJECT
1	N 64 31 W	4454.26	758 -00
2	N 48 40 E	85.00	RM-1
3	S 64 31 E	1603.69	759 -00
4	S 48 40 W	85.00	RM-2

DETAIL C

DETAIL

C-3

	BEARING	DISTANCE	OBJECT
1	N 64 31 W	5635.57	758 -00
2	N 0 03 E	68.23	RM-1
3	S 64 31 E	422.38	759 -00
4	S 0 03 W	54.22	RM-2

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
Scindamba 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
Hampat 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. Dillman REC. DIST.
 DATE 1-7-1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 84
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL C

DETAIL

C-4

	BEARING	DISTANCE	OBJECT
1	N 88 40 E	1710.62	763 -00
2	S 0 07 E	99.62	RM-1
3	S 88 40 W	7936.31	764 -00
4	N 0 07 W	84.32	RM-2

DETAIL C

DETAIL

C-5

	BEARING	DISTANCE	OBJECT
1	N 88 40 E	7001.20	763 -00
2	S 0 10 E	42.03	RM-1
3	S 88 40 W	2645.73	764 -00
4	N 0 10 W	63.07	RM-2

DETAIL C

DETAIL

C-6

	BEARING	DISTANCE	OBJECT
1	N 48 12 W	838.91	765 -00
2	S 89 47 E	101.15	RM-1
3	S 48 12 E	3715.02	766 -00
4	N 89 47 W	64.17	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 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
 Zambardo 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
 Alton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.

ALIGNMENT SHEET 84
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL C

DETAIL

C-7

	BEARING	DISTANCE	OBJECT
1	N 41 02 W	36.45	769 -01
2	N 0 02 E	25.50	RM-1
3	S 41 02 E	143.79	769 -02
4	S 0 02 W	89.75	RM-2

DETAIL E

DETAIL

E-1

OBJECT

POT
 POT

	BEARING	DISTANCE	OBJECT
	S 88 40 W	3867.61	763 - 0
	N 88 40 E	5779.32	764 - 0
	S 38 58 E	41.77	RM-1
	S 39 35 W	48.89	RM-2
	N 14 22 W	64.29	RM-3

DETAIL E

DETAIL

E-2

OBJECT

POT
 POT

	BEARING	DISTANCE	OBJECT
	S 88 40 W	5674.02	763 - 0
	N 88 40 E	3972.91	764 - 0
	N 31 30 E	79.64	RM-1
	S 6 22 W	46.58	RM-2
	N 31 48 W	78.86	RM-3

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

ALIGNMENT SHEET 84
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	S 88 40 W	8363.70	763 - 0
	POT	N 88 40 E	1283.23	764 - 0
		N 22 36 E	70.57	RM-1
		S 0 26 E	37.08	RM-2
		N 34 31 W	79.69	RM-3

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
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
Zantonia REC. DIST.
 DATE 1-7 1981
 TIME 1:34 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 85
 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
769 - 5	59.48			7.90			11.73			60.13
769 - 6	60.41			12.04			7.52			59.50
769 - 7	60.27			10.15			6.65			59.57
769 - 8	59.98			6.56			9.99			60.47
769 - 9	59.62			5.54			6.11			59.46
769 - 10	59.85			7.56			5.69			59.51
770 - 0	61.66			8.01			5.57			58.07
770 - 1	58.66			5.77			2.95			58.27
770 - 2	59.77			9.98			6.67			59.60
770 - 3	64.84			10.14			6.82			63.86
770 - 4	60.17			4.27			4.60			59.56
771		S 33 49 W	55.30		S 82 24 W	60.02		N 54 6 E	69.17	
771 - 1	62.12			4.61			4.49			62.21
771 - 2	60.05			8.63			6.43			59.80
771 - 3	63.09			9.12			6.04			62.47
771 - 4	60.03			5.91			2.88			59.65
771 - 5	59.65			6.13			8.93			60.04
771 - 6	60.22			8.82			6.42			59.77
771 - 7	42.54			5.81			7.92			42.72
771 - 8	42.14			4.15			6.17			43.05
772 - 1	46.81			5.21			6.78			49.21
772 - 2	48.69			4.38			6.32			67.97
772 - 3	40.30			7.21			6.56			39.82
772 - 4	59.42			7.70			5.67			60.19
772 - 5	54.06			6.00			2.92			54.21
772 - 6	59.87			10.04			6.71			59.60
772 - 7	60.60			9.89			7.11			59.49
772 - 8	64.68			4.70			5.72			64.46
773		N 17 17 E	67.17		N 69 30 E	101.16		S 43 29 W	68.03	
773 - 1	52.56			4.48			4.40			53.02

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

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

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

ALIGNMENT SHEET 85
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
773 - 2	60.28				10.07				6.90				60.33
773 - 3	53.42				10.02				6.83				52.58
773 - 4	59.75				6.04				2.99				59.45
773 - 5	58.01				6.41				8.62				58.82
773 - 6	59.63				6.46				5.22				59.88
773 - 7	59.91				7.52				5.82				59.61
773 - 8	60.02				6.56				8.99				59.79
773 - 9	60.33				14.09				13.47				59.65

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 47 5 W	2605.83	772 - 8
	POT	S 47 5 E	2599.93	773 - 0
		N 19 58 E	66.54	RM-1
		S 23 10 W	92.54	RM-2
		S 82 25 W	89.85	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
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
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
A. Dillon REC. DIST.
DATE 1-7 1981
TIME 2:13 9:20
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503