

CONSTRUCTION PLANS FOR

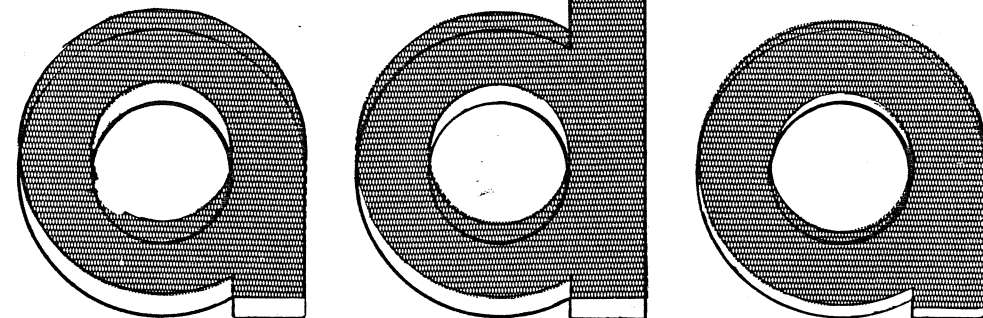
DILLINGHAM AIRPORT

IMPROVEMENTS - 1980

AIRPORT DEVELOPMENT AID PROGRAM

A.D.A.P. NO. 6-02-0078-03

SPONSORED BY THE STATE OF ALASKA



STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION and PUBLIC FACILITIES

DIVISION OF AVIATION - DESIGN & CONSTRUCTION

APPROVED

for CLAYTON C. HUENERS

DATE

9-29-80

DIRECTOR

AS-BUILT

APPROVED

RICHARD E. DOWNING, P.E.

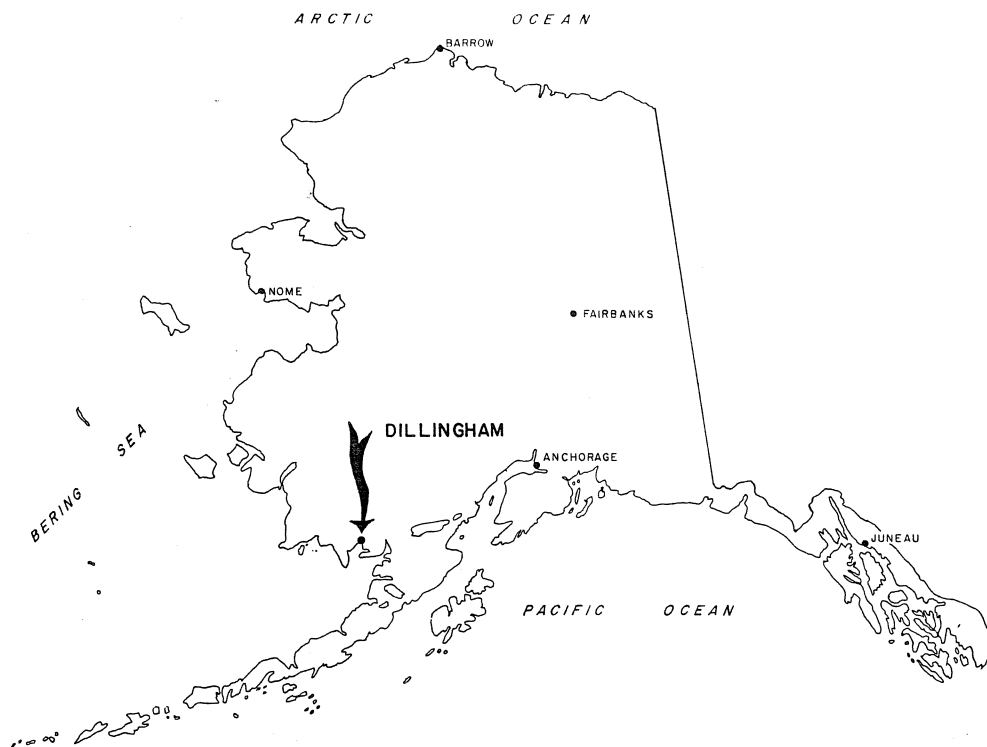
DATE

4-25-83

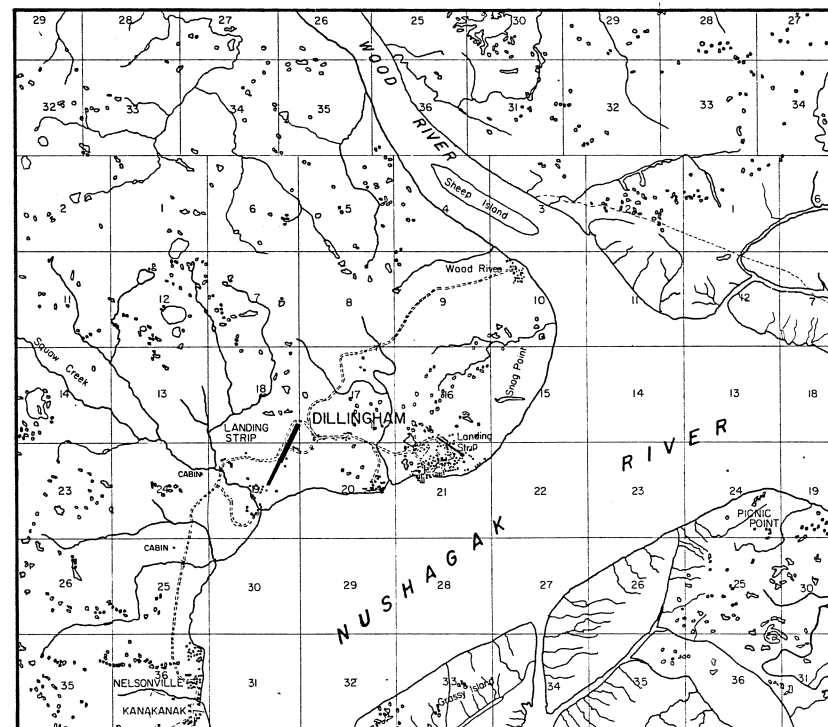
CHIEF CONSTRUCTION ENGINEER

SHEET 1 OF 33

AS-BUILT 4/83 SHEET 1 OF 36 6-14-83 67



LOCATION MAP



VICINITY MAP

FINAL QUANTITIES

No.	ITEM	QUANTITY	UNIT
100	MOBILIZATION AND DEMOBILIZATION	One Job	Lump Sum
130	ENGINEER'S FIELD OFFICE	One Job	Lump Sum
200a	CLEARING	11.1	Acres
270	SURFACE PREPARATION	230,390	Sq. Yds.
330a	UNCLASSIFIED EXCAVATION	61,372	Cu. Yds.
330d	BORROW EMBANKMENT	62,326	Cu. Yds.
400	CORRUGATED METAL PIPE 24" DIAMETER 16 GAUGE STEEL	539	Lin. Ft.
410	CULVERT THAW PIPE	544	Lin. Ft.
426	APRON OBSTRUCTION REMOVAL	One Job	Lump Sum
440a	8' CHAIN LINK FENCE	1,156	Lin. Ft.
440c	18' CANTILEVER GATE	1	Each
440c	20' CANTILEVER GATE	3	Each
440c	30' CANTILEVER GATE	3	Each
440d	4' PEDESTRIAN GATE	1	Each
500b	SUBBASE COURSE	98,755	Tons
510a	CRUSHED AGGREGATE BASE COURSE	109,019	Tons
600a	BITUMINOUS PRIME COAT, STATE FURNISHED	62	Tons
600b	BITUMINOUS PRIME COAT, CONTRACTOR FURNISHED	96	Tons
650a	BITUMINOUS MATERIALS, SURFACE TREATMENT	760	Tons
650b	AGGREGATE, SURFACE TREATMENT	5,184	Tons
700	RUNWAY AND TAXIWAY MARKING	One Job	Lump Sum
711	STANDARD SIGNS	106.5	Sq. Ft.
900	SEEDING	5.5	Acres
1000a	RUNWAY AND TAXIWAY LIGHT BASE EXTENSION	138	Each
1000b	APRON LIGHT REMOVAL	4	Each

(CONTINUED ON SHEET 3)

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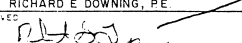
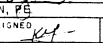
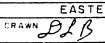

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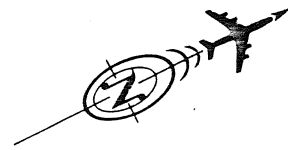
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION			
DILLINGHAM AIRPORT A.D.A.P. NO. 6-02-0078-03 LOCATION AND VICINITY MAPS, INDEX, AND ESTIMATED QUANTITIES			
APPROVED	<i>James J. Rhode</i> JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER		
APPROVED	<i>Brooks H. Wade</i> BROOKS H. WADE, INTERNATIONAL AIRPORTS ENGINEER		
DESIGNED	4/15/85	AS-BUILT	
CHECKED	10/20/80	ADDENDUM No. 1	
BY	DATE	CHANGE	
REVISIONS			
SCALE	DESIGNED	DRAWN	CHECKED
	<i>BAA</i>	<i>JRC</i>	<i>JRC</i>
	DATE	DATE	DATE
		4-24-80	
SHEET 2 OF 33			

FINAL QUANTITIES

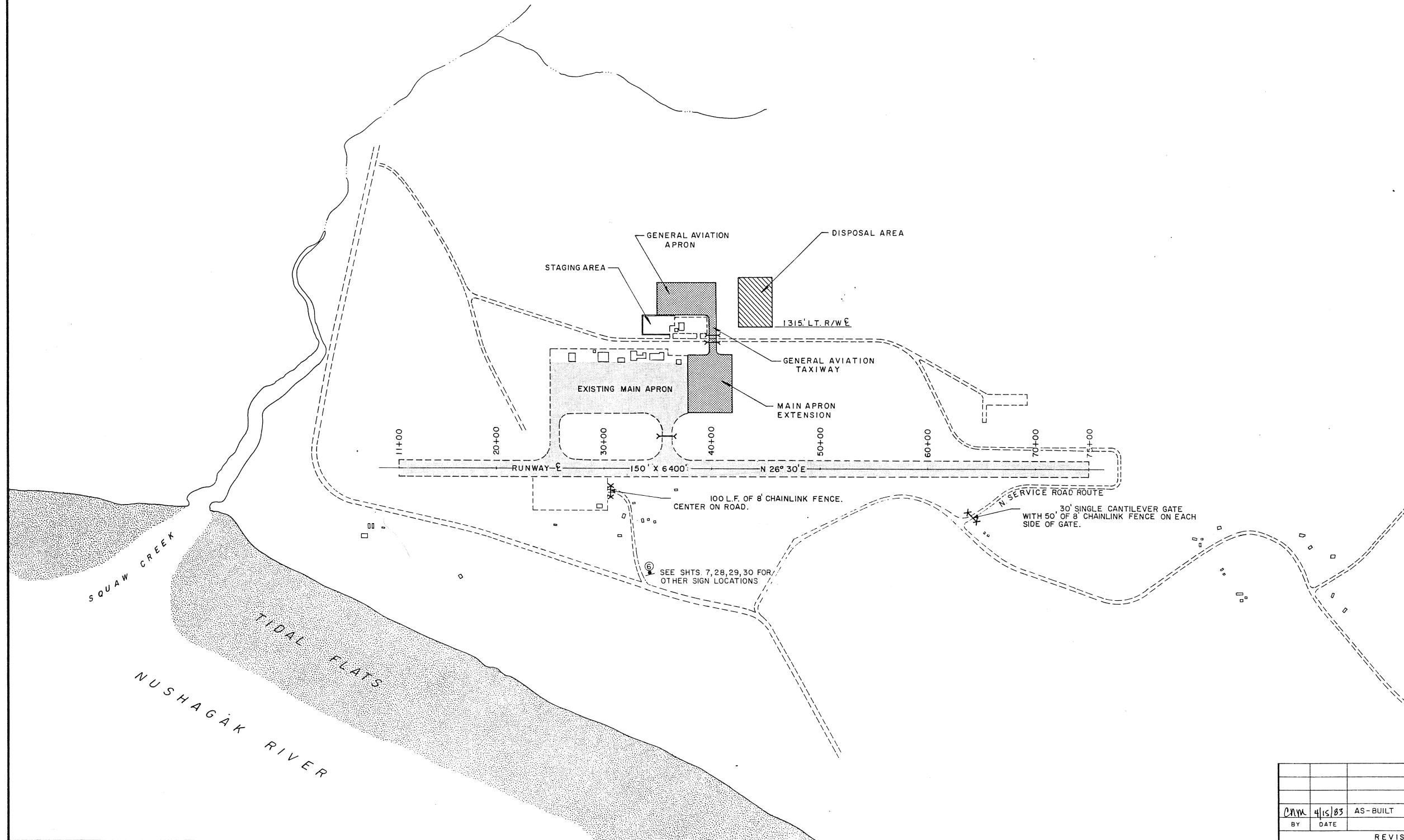
(CONTINUED FROM SHEET 2)

No.	ITEM	QUANTITY	UNIT
CHANGE ORDER No. 1			
100a	MOBILIZATION	One Job	Lump Sum
330a	UNCLASSIFIED EXCAVATION	1385	Cu. Yds.
400a	30" C.M.P.	499	Lin. Ft.
405	CATCH BASINS	3	Each
410	CULVERT THAW PIPE	493	Lin. Ft.
500b	SUBBASE COURSE	7841	Tons
CHANGE ORDER No. 2			
1000c	RUNWAY LIGHT FIXTURE	80	Each
1000d	TAXIWAY LIGHT FIXTURE	58	Each
CHANGE ORDER No. 4			
820a	TIE-DOWN ANCHORS	43	Each
CHANGE ORDER No. 5			
100a	MOBILIZATION	One Job	Lump Sum
440a	8' CHAIN LINK FENCE	2167	Lin. Ft.
1000k	2" R.S.C.	610	Lin. Ft.
1000q	#6 XHHW COPPER WIRE	2034	Lin. Ft
1000r	OVERHEAD FLOODLIGHTS	2	Each
CHANGE ORDER No. 7			
650c	STOCKPILED MATERIALS (AGGREGATE, SURFACE TREATMENT)	95	Tons
CHANGE ORDER No. 8			
660a	BITUMINOUS SURFACE COURSE	750	Tons
660c	ASPHALT CEMENT AC-5	45	Tons
CHANGE ORDER No. 9			
100a	MOBILIZATION	One Job	Lump Sum
650c	CRS-2	One Job	Lump Sum
CHANGE ORDER No. 10			
201a	CLEANING	3.1	Acres

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION			
DILLINGHAM AIRPORT A.D.A.P. No. 6-02-0078-03 AS-BUILT FINAL QUANTITIES			
APPROVED 		CHIEF CONSTRUCTION ENGINEER	
APPROVED 		EASTERN DISTRICT ENGINEER	
SCALE	DESIGNED 	DRAWN 	SHEET 3 OF 36
BY	DATE	CHANGE	REVISIONS
			CHECKED  DATE 6-23-83



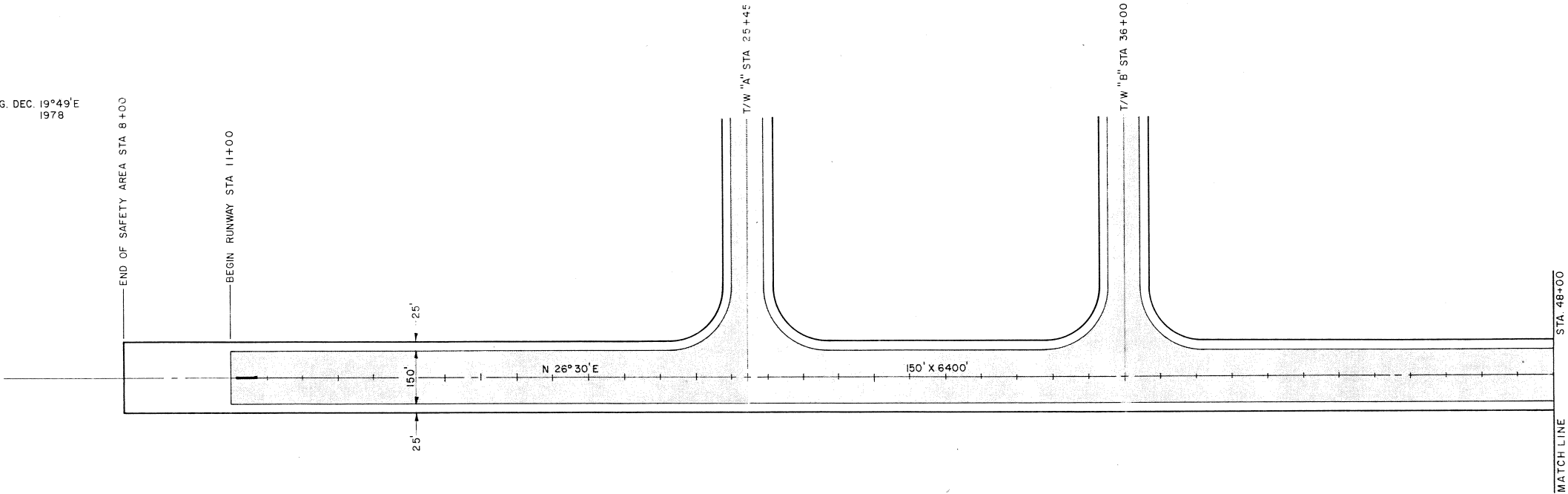
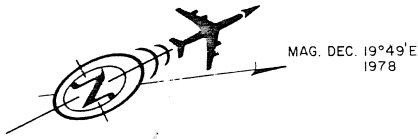
LEGEND	
---	EXISTING FACILITIES
---	STAGING AREA
---	NEW CMP
---	NEW CONSTRUCTION THIS CONTRACT
---	NEW SURFACING THIS CONTRACT
---	DISPOSAL AREA
---	NEW SIGN WITH TYPE & DIRECTION TO FACE



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION	
DILLINGHAM AIRPORT A.D.A.P. NO. 8-02-0078-03 SITE PLAN	
APPROVED <i>James J. Rhode</i> JAMES J. RHODE, P.E.	CHIEF DESIGN ENGINEER
APPROVED <i>Brooks H. Wade</i> BROOKS H. WADE, P.E.	INTERNATIONAL AIRPORTS ENGINEER
SCALE 1" = 500'	DESIGNED <i>BNB</i> CHECKED <i>JRE</i>
DATE 4/15/83	DATE 7-21-80
BY CMM	REVISIONS
AS-BUILT	
SHEET 3 OF 33	

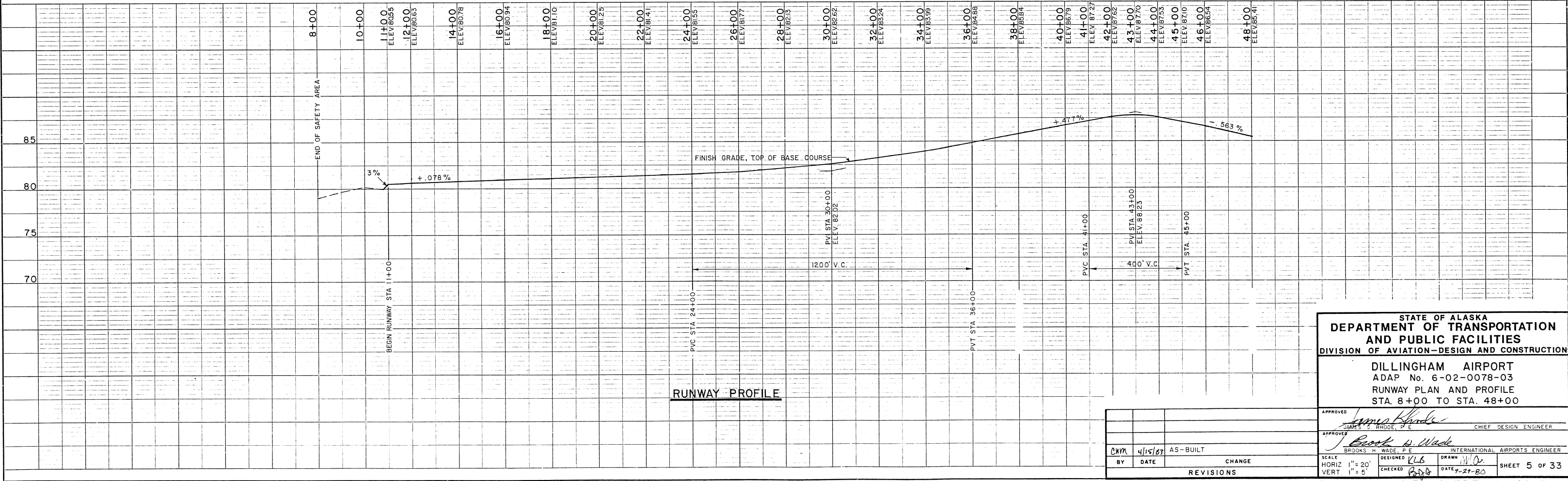
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			NOTED	BY
			ALIGNED CHECKED	
			RT. OF WAY CHECKED	

PROFILE	NOTE BOOK	No.	SURVEYED	DATE
			NOTED	BY
			ALIGNED CHECKED	
			STRUCTURE NOTATIONS CHECKED	



RUNWAY PLAN
SCALE 1"=200'

RUNWAY SURFACING THIS CONTRACT



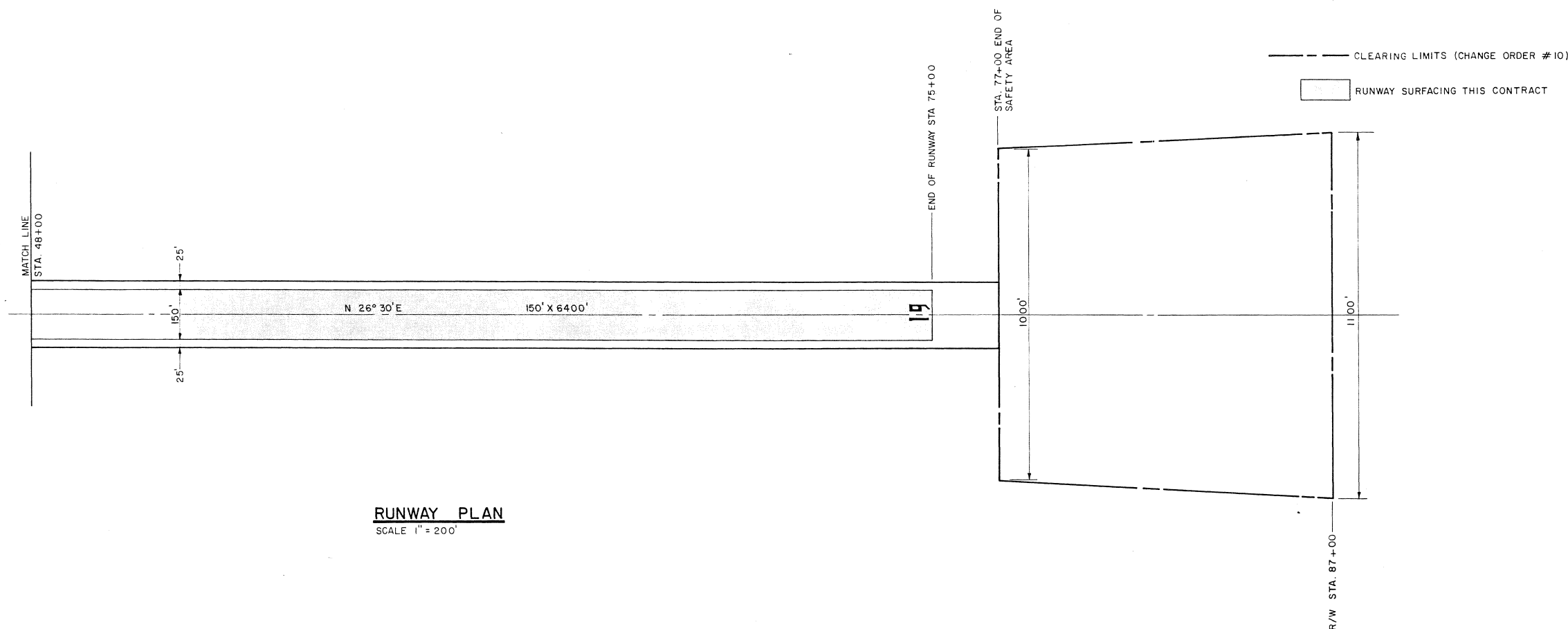
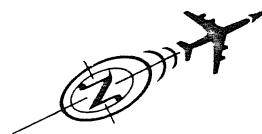
RUNWAY PROFILE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION
DILLINGHAM AIRPORT
ADAP No. 6-02-0078-03
RUNWAY PLAN AND PROFILE
STA. 8+00 TO STA. 48+00

APPROVED	<i>James G. Rhoads</i>	CHIEF DESIGN ENGINEER
APPROVED	<i>Brooks H. Wade</i>	INTERNATIONAL AIRPORTS ENGINEER
SCALE	DESIGNED	DRAWN
HORIZ 1"=20'	VERT 1"=5'	CHECKED
DATE	DATE	DATE
4/15/87	7-27-80	7-27-80

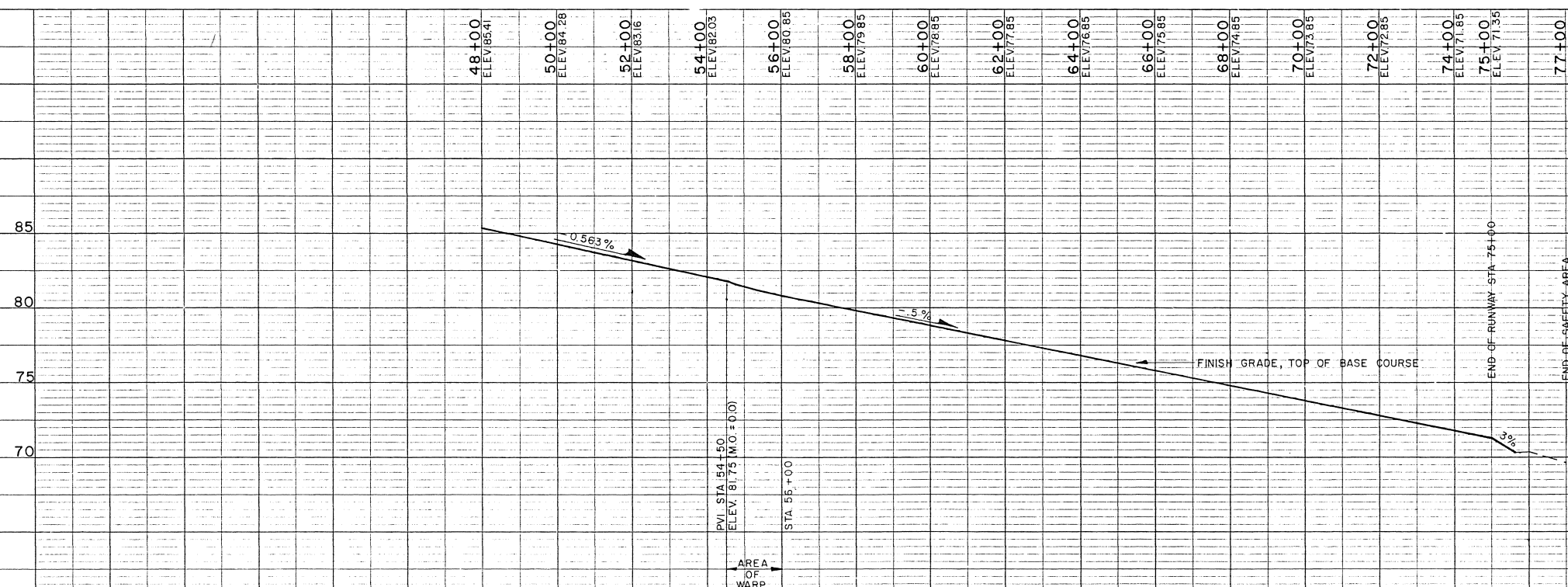
BY	DATE	CHANGE
CKM	4/15/87	AS-BUILT
REVISIONS		

PROFILE	SURVIVED _____		BY _____	DATE _____
	PLOTTED _____			
	GRADES CHECKED _____			
	B. M.'s NOTED _____			



RUNWAY PLAN

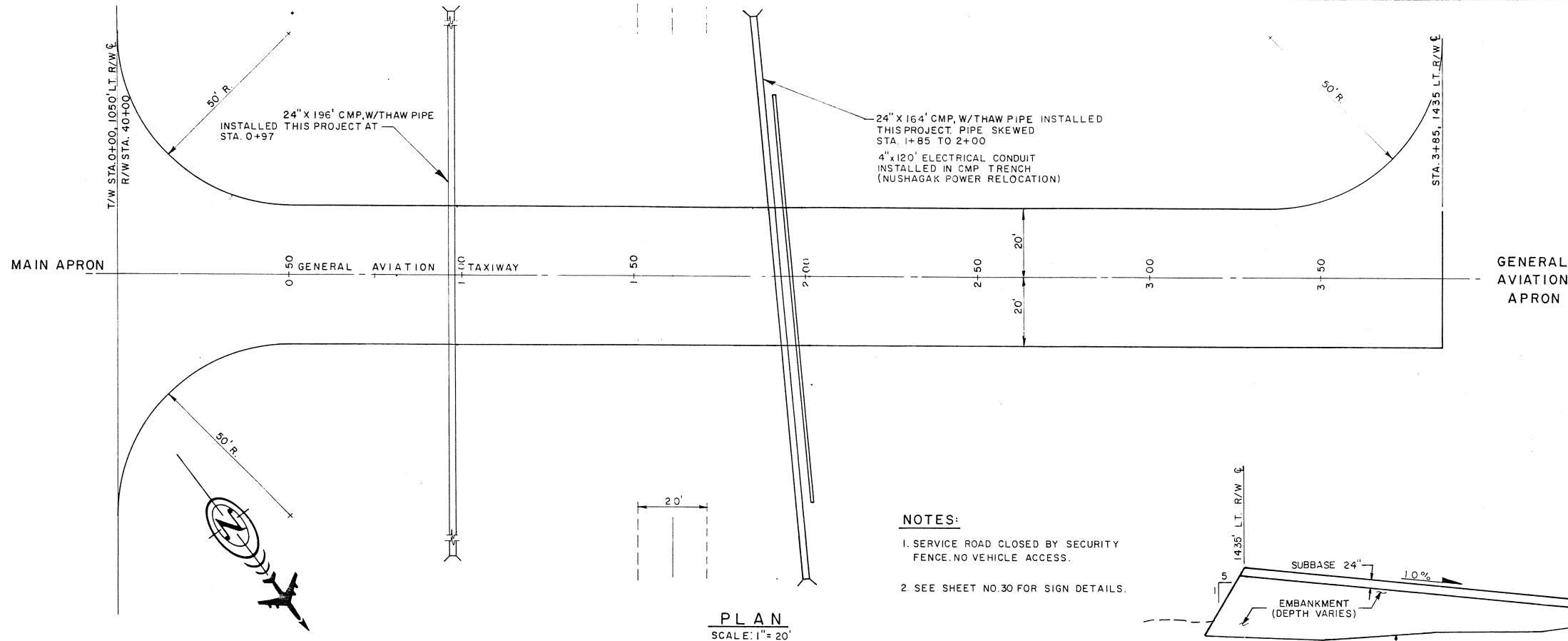
SCALE 1" = 200'



RUNWAY PROFILE

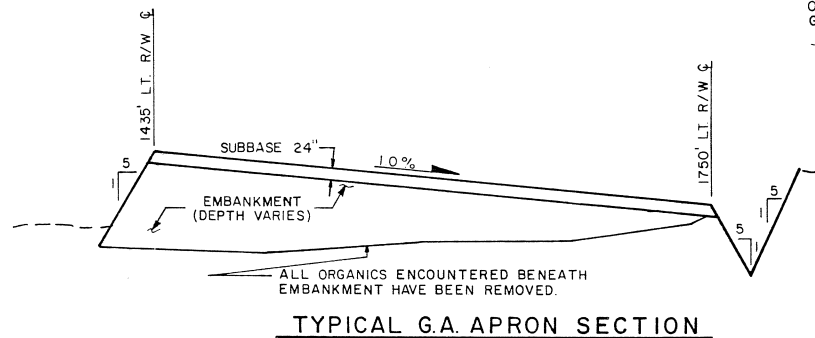
				APPROVED <i>James Rhode</i> JAMES RHODE, P.E. CHIEF DESIGN ENGINEER	
4/15/83		ADDED CHANGE ORDER No. 10		APPROVED <i>Brooks H. Wade</i> BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER	
CNR		AS-BUILT			
10/24/80		ADDENDUM No. 1			
BY	DATE	CHANGE			
REVISIONS					
SCALE	DESIGNED	CHECKED	DRAWN		
HORIZ. 1" = 200'					
VERT. 1" = 5'					
	CHECKED	DATE			
		2-27-80			
				SHEET 6 OF 33	

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
NO.	

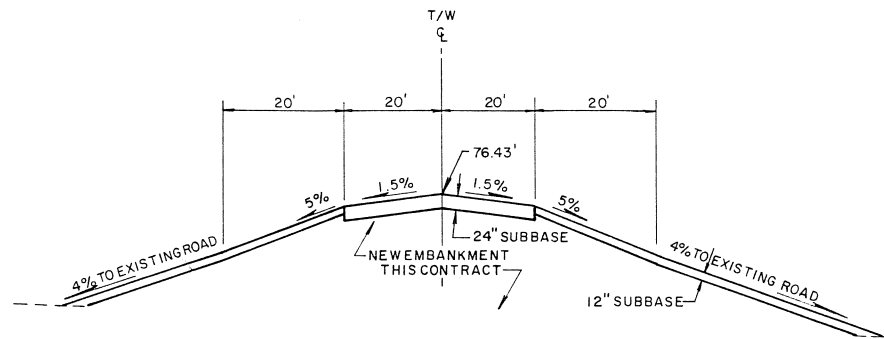


- NOTES:**
- SERVICE ROAD CLOSED BY SECURITY FENCE. NO VEHICLE ACCESS.
 - SEE SHEET NO. 30 FOR SIGN DETAILS.

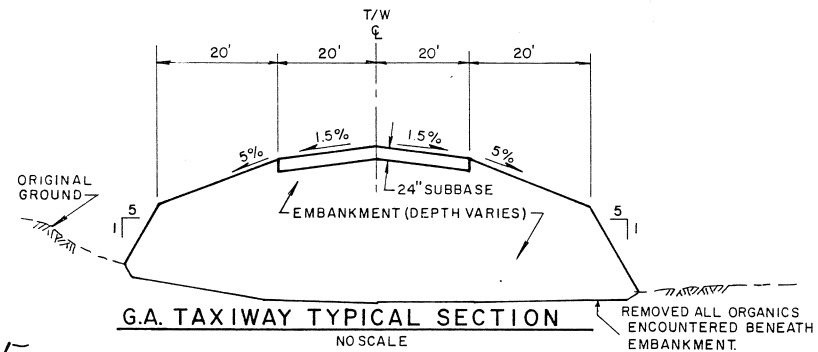
PLAN
SCALE: 1" = 20'



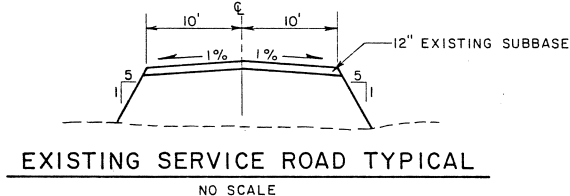
TYPICAL G.A. APRON SECTION



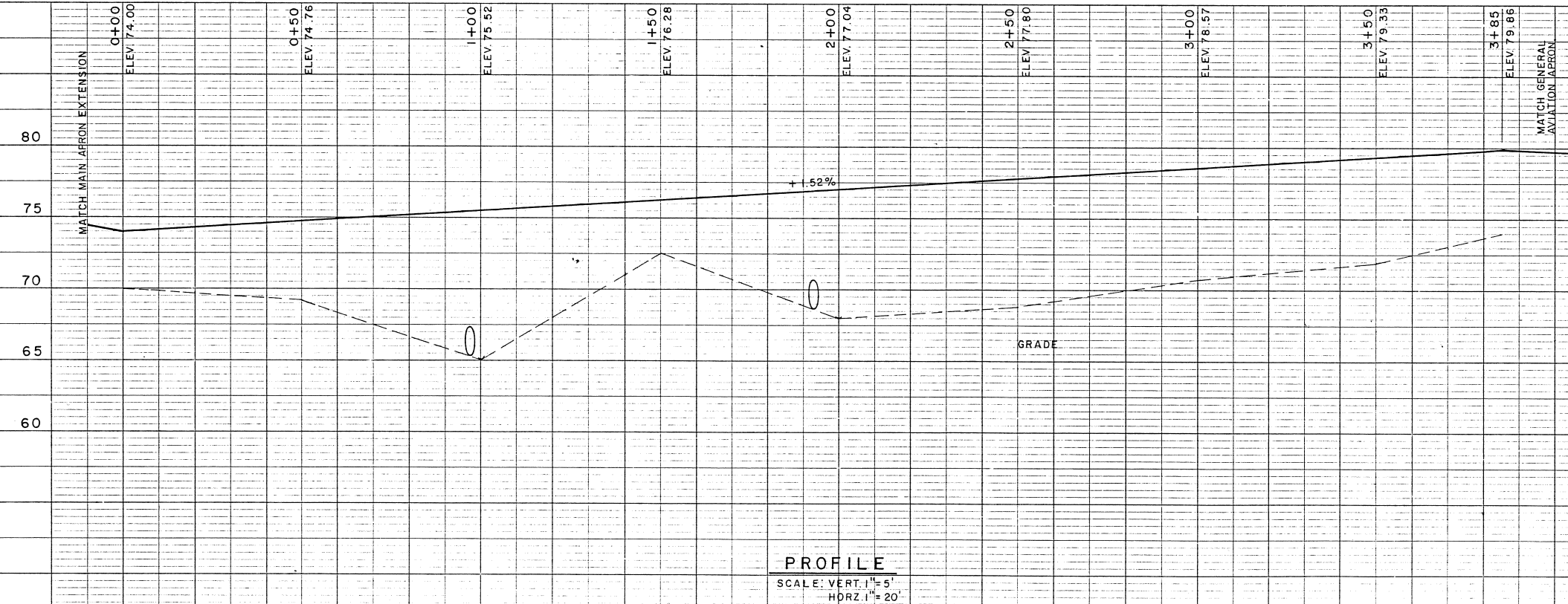
G.A. TAXIWAY-SERVICE ROAD INTERSECTION DETAIL
NO SCALE



G.A. TAXIWAY TYPICAL SECTION
NO SCALE



EXISTING SERVICE ROAD TYPICAL
NO SCALE



PROFILE

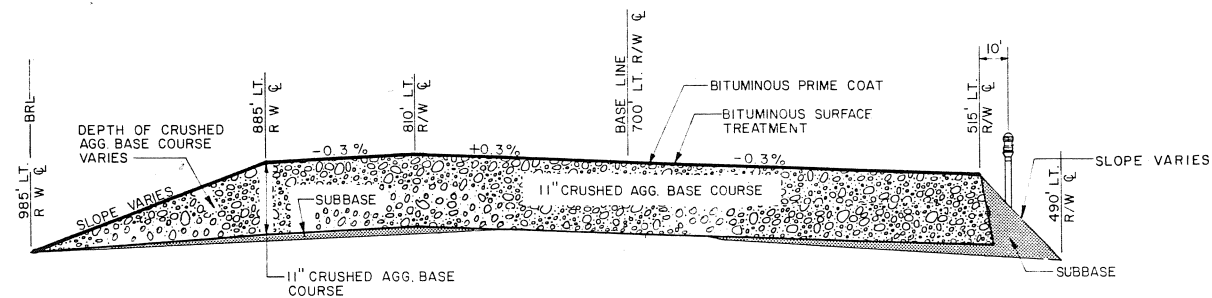
SCALE: VERT. 1" = 5'
HORZ. 1" = 20'

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
NO.	

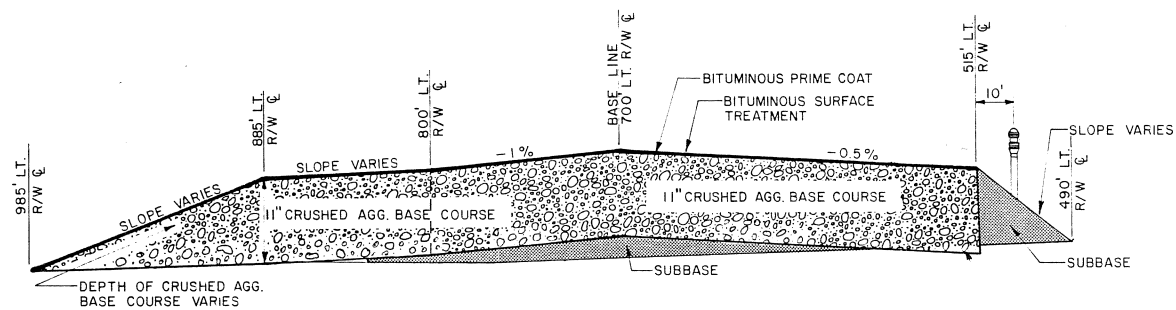
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION
DILLINGHAM AIRPORT
A.D.A.P. NO. 6-02-0078-03
GENERAL AVIATION TAXIWAY PLAN AND PROFILE

APPROVED	<i>James R. Wade</i>	CHIEF DESIGN ENGINEER
APPROVED	<i>Brooks H. Wade</i>	INTERNATIONAL AIRPORTS ENGINEER
SCALE	DESIGNED	DRAWN
AS SHOWN	CHECKED	DATE

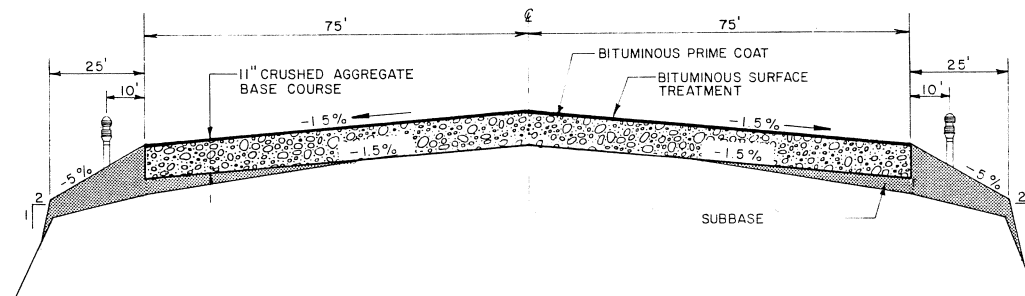
BY	DATE	AS-BUILT



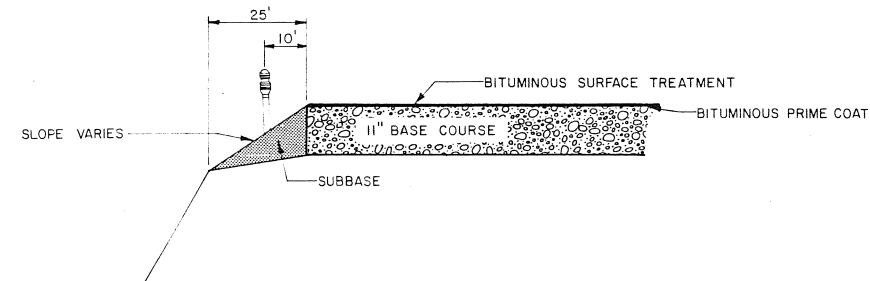
APRON SURFACING TYPICAL
STA 25+00 — 30+00



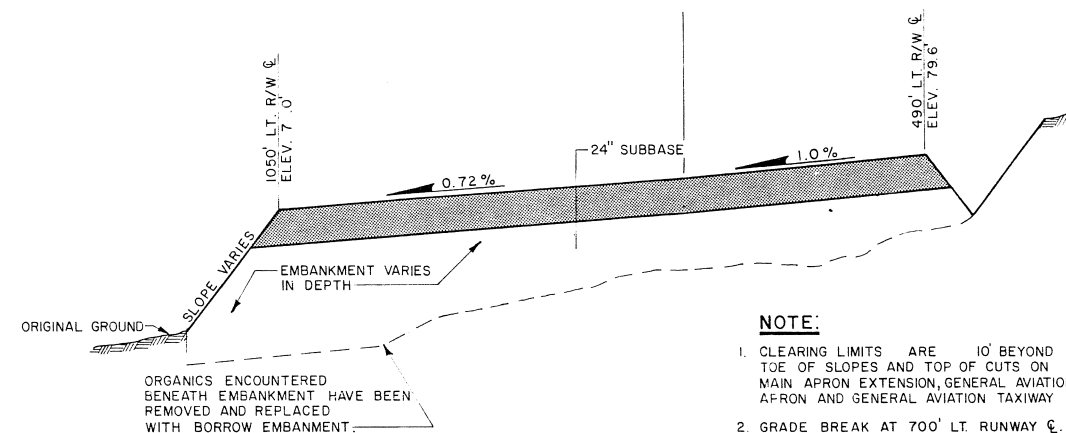
APRON SURFACING TYPICAL
STA 33+00 — 37+00



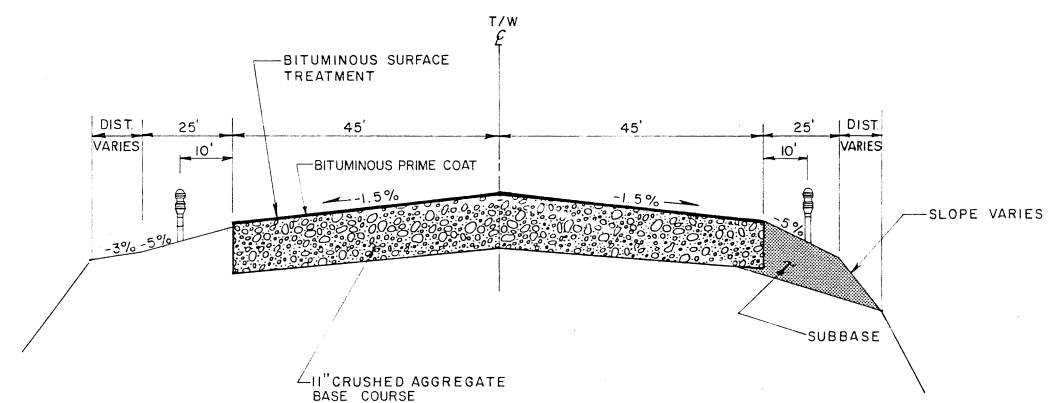
RUNWAY SURFACING TYPICAL
STA 11+00 — 75+00



APRON SHOULDER SECTION A-A



TYPICAL MAIN APRON EXTENSION SECTION
STA 39+00 — STA 42+00



TAXIWAY \"A\" AND TAXIWAY \"B\" TYPICALS
STA 0+75 — 5+15

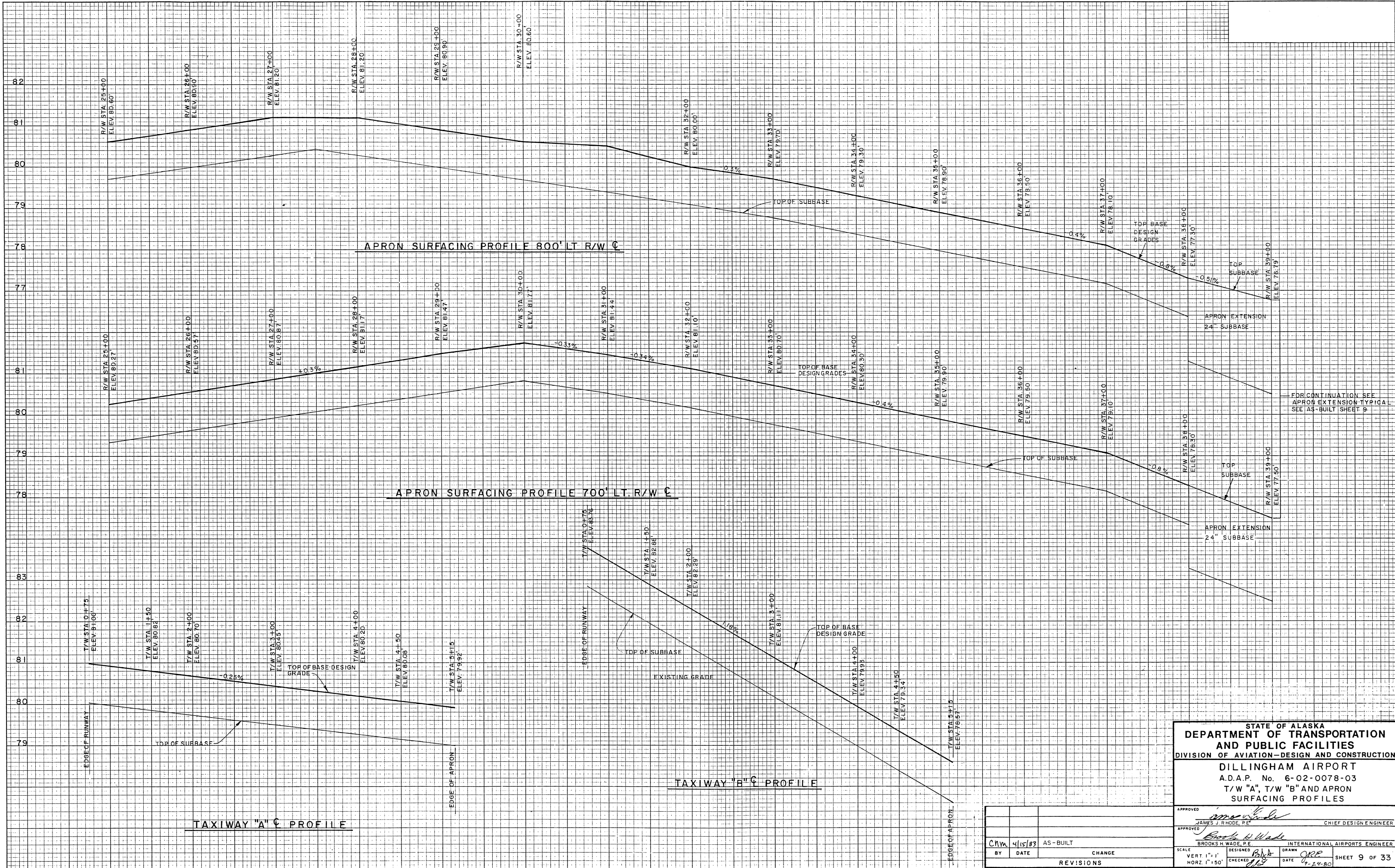
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

DILLINGHAM AIRPORT
ADAP No. 6-02-0078-03
MAIN APRON AND RUNWAY TYPICAL SECTIONS

APPROVED <i>James J. Rhode</i>			APPROVED <i>Brooks H. Wade</i>		
JAMES J. RHODE, P.E.			BROOKS H. WADE, P.E.		
CHIEF DESIGN ENGINEER			INTERNATIONAL AIRPORTS ENGINEER		
BY	DATE	CHANGE	SCALE	CHECKED	DATE
Cnm	4/15/83	AS-BUILT	NO SCALE	<i>[Signature]</i>	4-29-80
REVISIONS			SHEET 8 OF 33		

FINAL SURV.	BY	DATE
SURV.		
NOTED		
NO.		

ORIGINAL SURV.	BY	DATE
SURV.		
NOTED		
NO.		

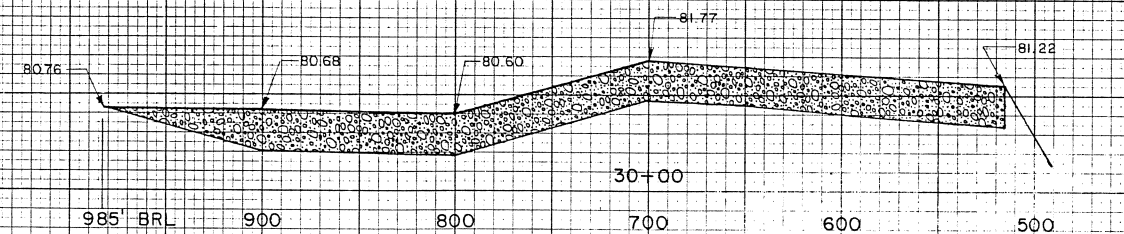
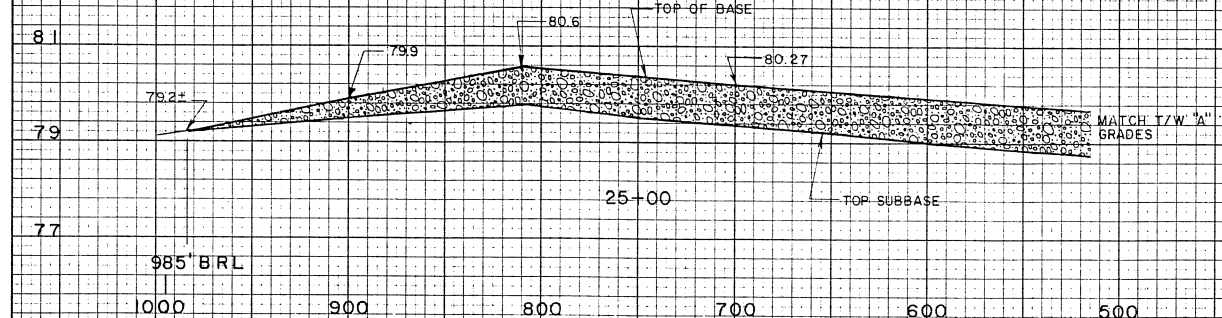


FOR CONTINUATION SEE
APRON EXTENSION TYPICAL
SEE AS-BUILT SHEET 9

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION	
DILLINGHAM AIRPORT A.D.A.P. No. 6-02-0078-03 T/W "A" T/W "B" AND APRON SURFACING PROFILES	
APPROVED JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER	APPROVED Brooks H. Wade, P.E. INTERNATIONAL AIRPORTS ENGINEER
SCALE VERT. 1" = 1' HORZ. 1" = 50'	DESIGNED B.H.W. CHECKED J.R.R. DATE 8-24-80
SHEET 9 OF 33	

BY	DATE	REVISIONS
CHW	4/15/83	AS-BUILT

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

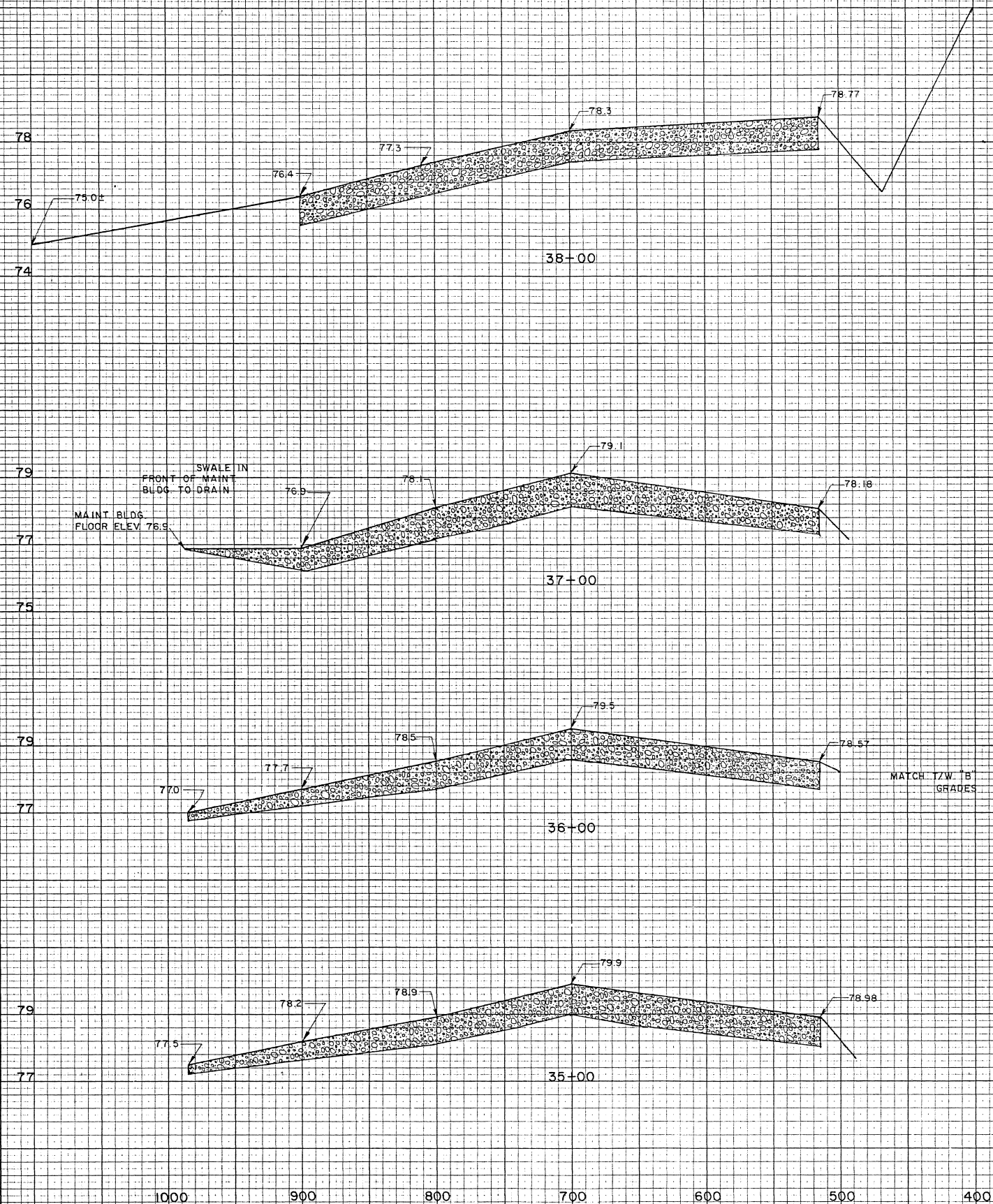


CRM	4/15/83	AS-BUILT
BY	DATE	CHANGE
REVISIONS		

STATE OF ALASKA			
DEPARTMENT OF TRANSPORTATION			
AND PUBLIC FACILITIES			
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION			
DILLINGHAM AIRPORT			
A.D.A.P. No. 6-02-0078-03			
APRON SURFACING CROSS SECTIONS			
STA. 25+00 TO STA. 34+00			
APPROVED <i>James J. Brooke</i>			
JAMES J. BROOKE, P.E.		CHIEF DESIGN ENGINEER	
APPROVED <i>Robert D. Wade</i>			
BROOKH, WADDE, P.E.		INTERNATIONAL AIRPORTS ENGINEER	
SCALE	DESIGNED	DRAWN	SHEET 10 OF 33
VERT. 1" = 20' HORZ. 1" = 20'	<i>R.D.</i> CHECKED <i>R.D.</i>	<i>R.D.</i> DATE 4-21-60	

FINAL NO.	SURVEYED	DATE
	PLOTTED	
	TEMPERATURE	
	AREAS CHECKED	

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED	DATE
	PLOTTED	
	TEMPERATURE	
	AREAS CHECKED	

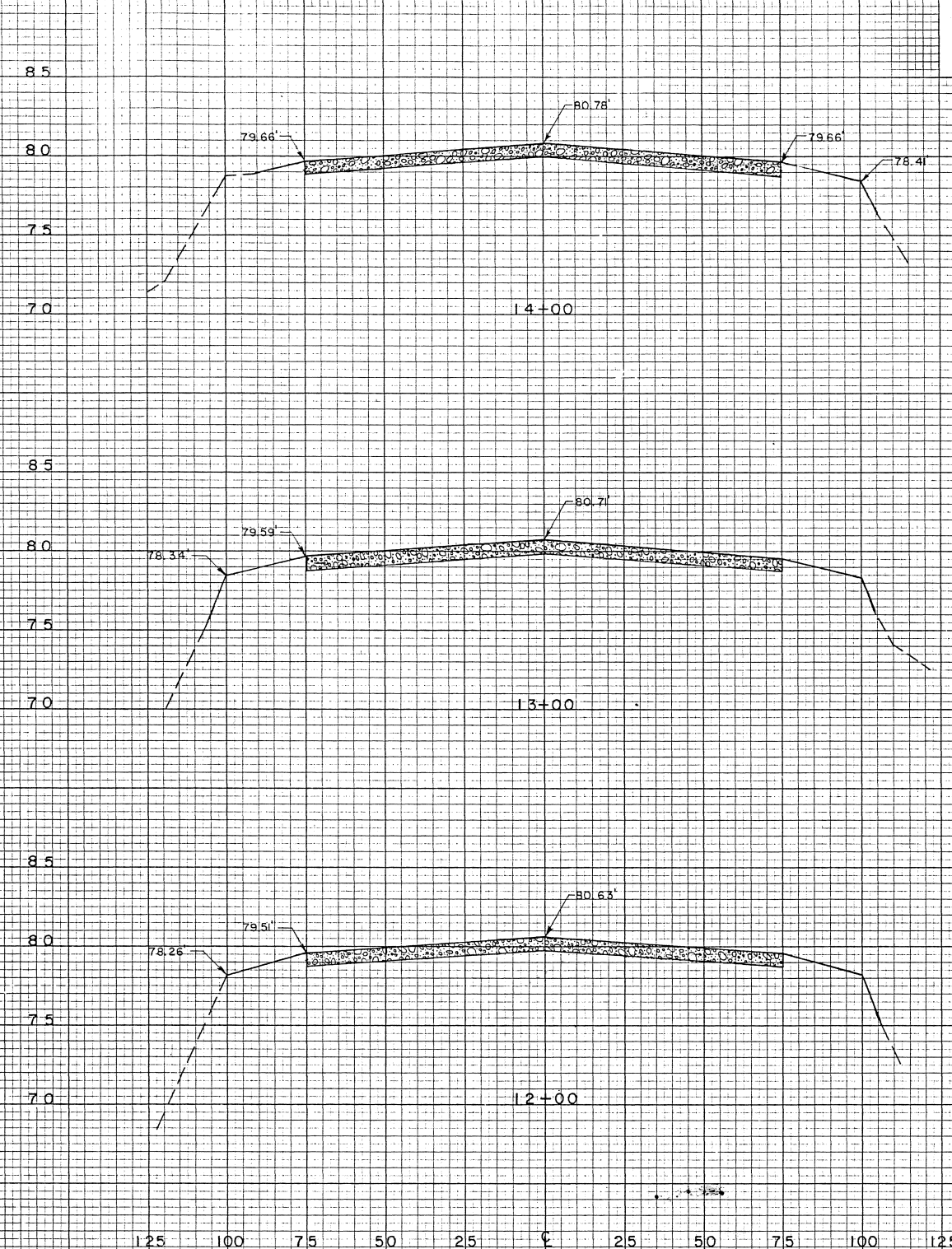
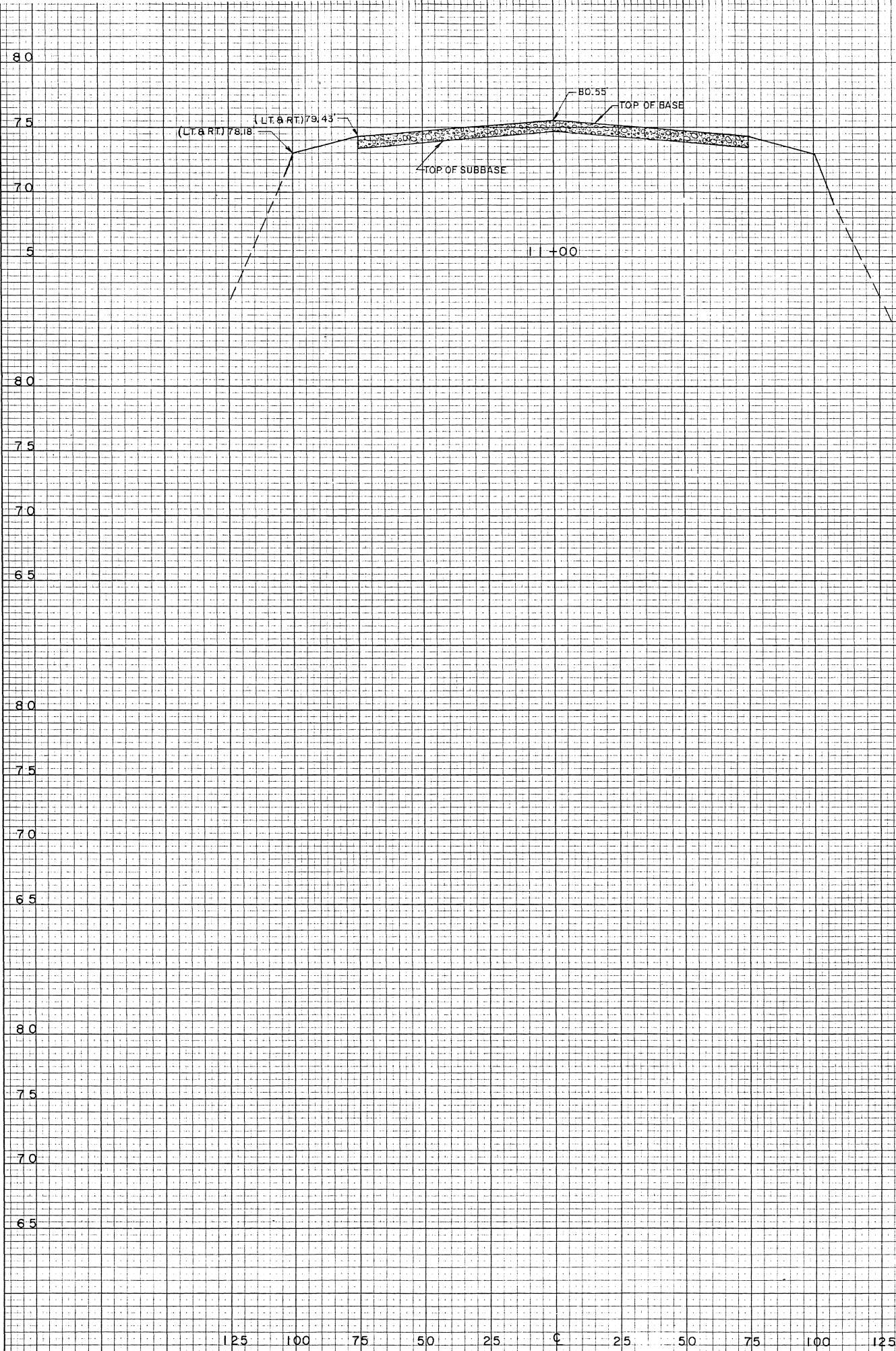


BY		DATE	AS-BUILT
REVISIONS		CHANGE	
SCALE		VERT. 1" = 2'	HORZ. 1" = 50'
DESIGNED	DND	DRAWN	GRP
CHECKED	GRP	DATE	7-27-60
APPROVED		APPROVED	
JAMES J. RHODE, P.E.		BROOKS H. WADE, P.E.	
CHIEF DESIGN ENGINEER		INTERNATIONAL AIRPORTS ENGINEER	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION
DILLINGHAM AIRPORT
A.D.A.P. No. 6-02-0078-03
APRON SURFACING CROSS SECTIONS
STA. 35+00 TO STA. 38+00

FINAL BY	DATE
SURVEYED BY	DATE
PLOTTED BY	DATE
TEMPLATE NO.	DATE
AREAS CHECKED	DATE

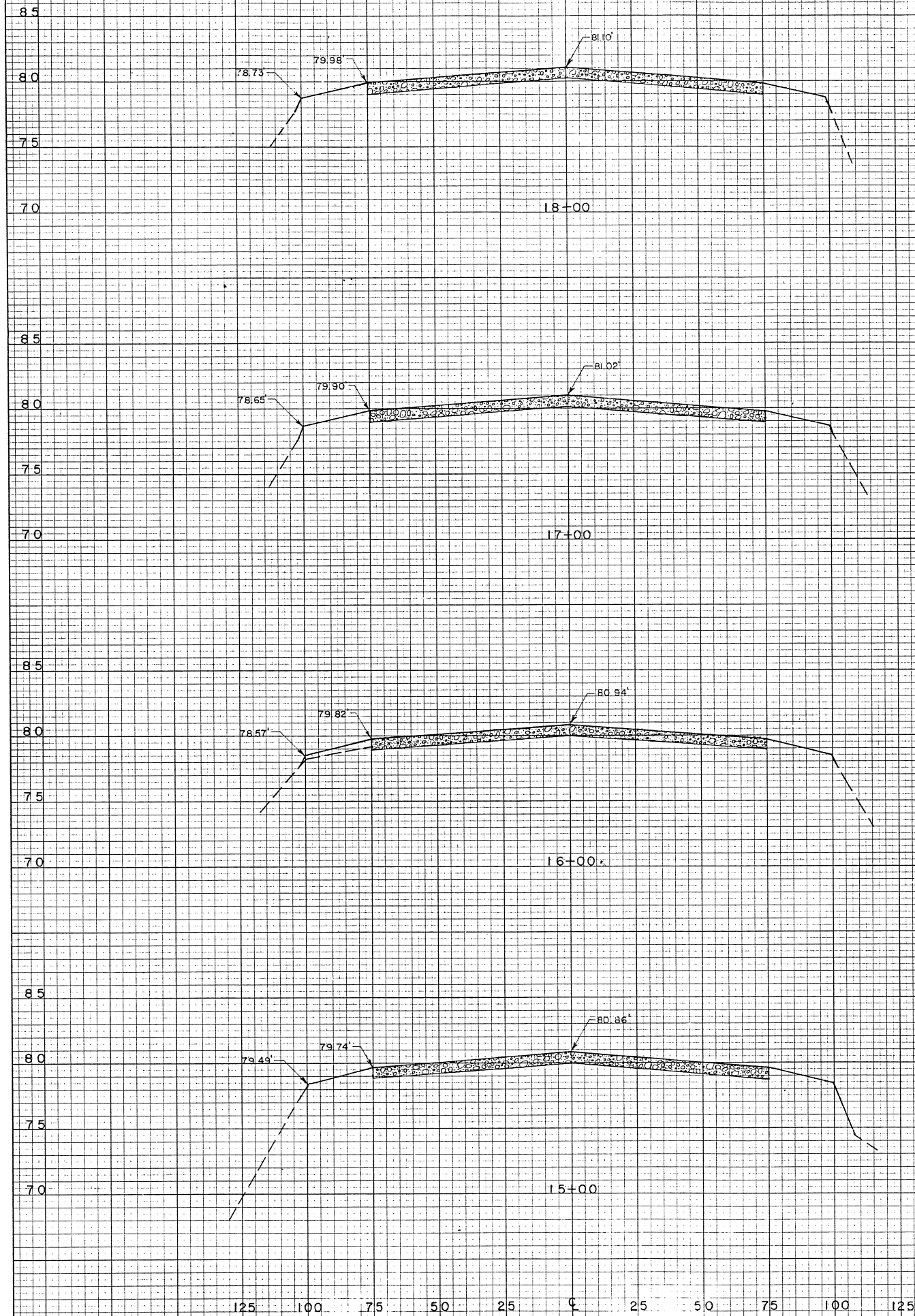
ORIGINAL SURVEY BY	DATE
NOTE BOOK NO.	DATE
SURVEYED BY	DATE
PLOTTED BY	DATE
TEMPLATE NO.	DATE
AREAS CHECKED	DATE



BY	DATE	REVISIONS
Cnm	4/15/83	AS-BUILT

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION			
DILLINGHAM AIRPORT A.D.A.P. No. 6-02-0078-03 RUNWAY CROSS SECTIONS STA. 11+00 TO STA. 14+00			
APPROVED	<i>James J. Rhode</i> JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER		
APPROVED	<i>Brooks H. Wade</i> BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER		
SCALE	VERT. 1" = 5'	DESIGNED	CLB
HORIZ. 1" = 25'	CHECKED	DATE	9-29-80
			SHEET 12 OF 33

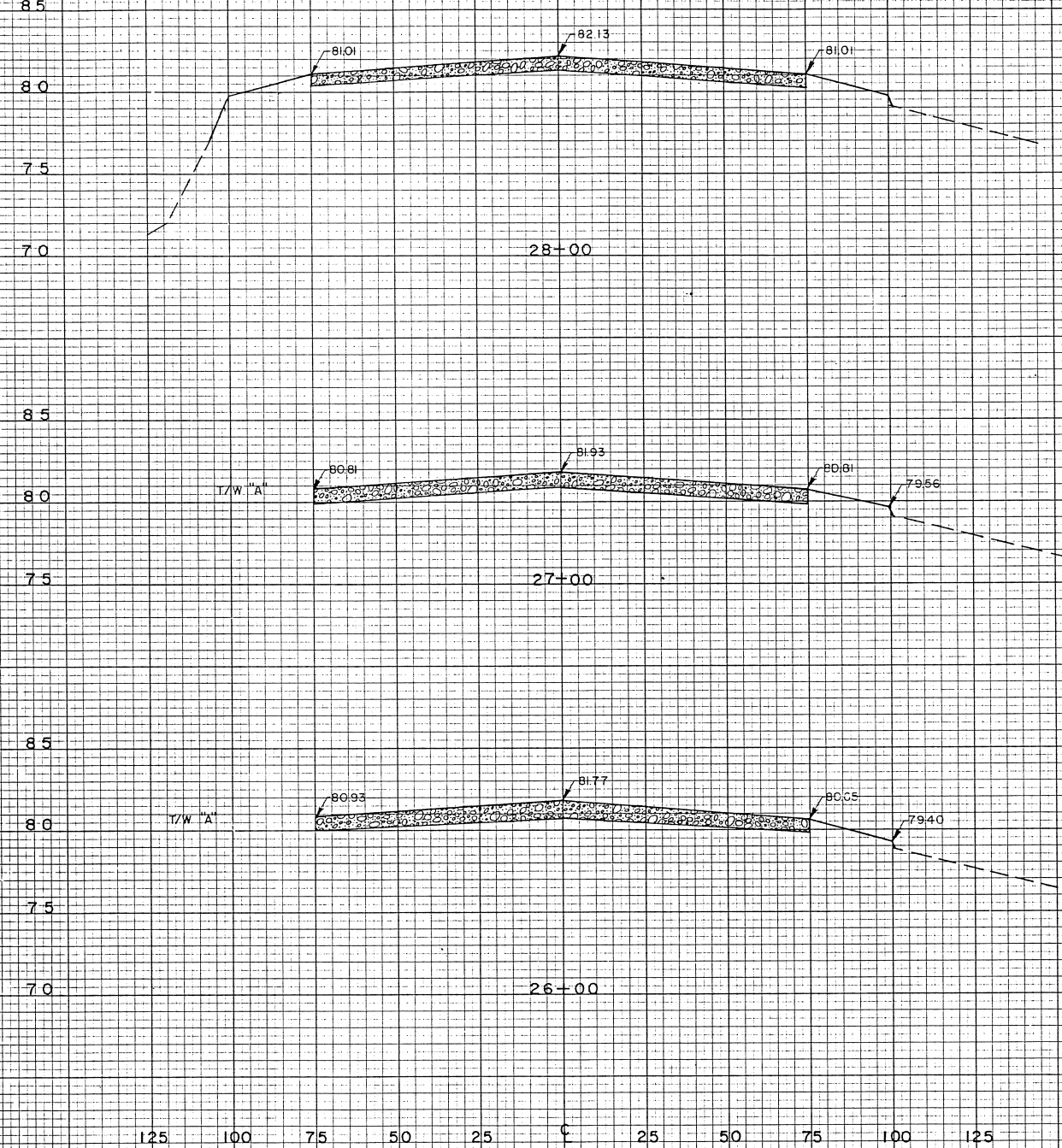
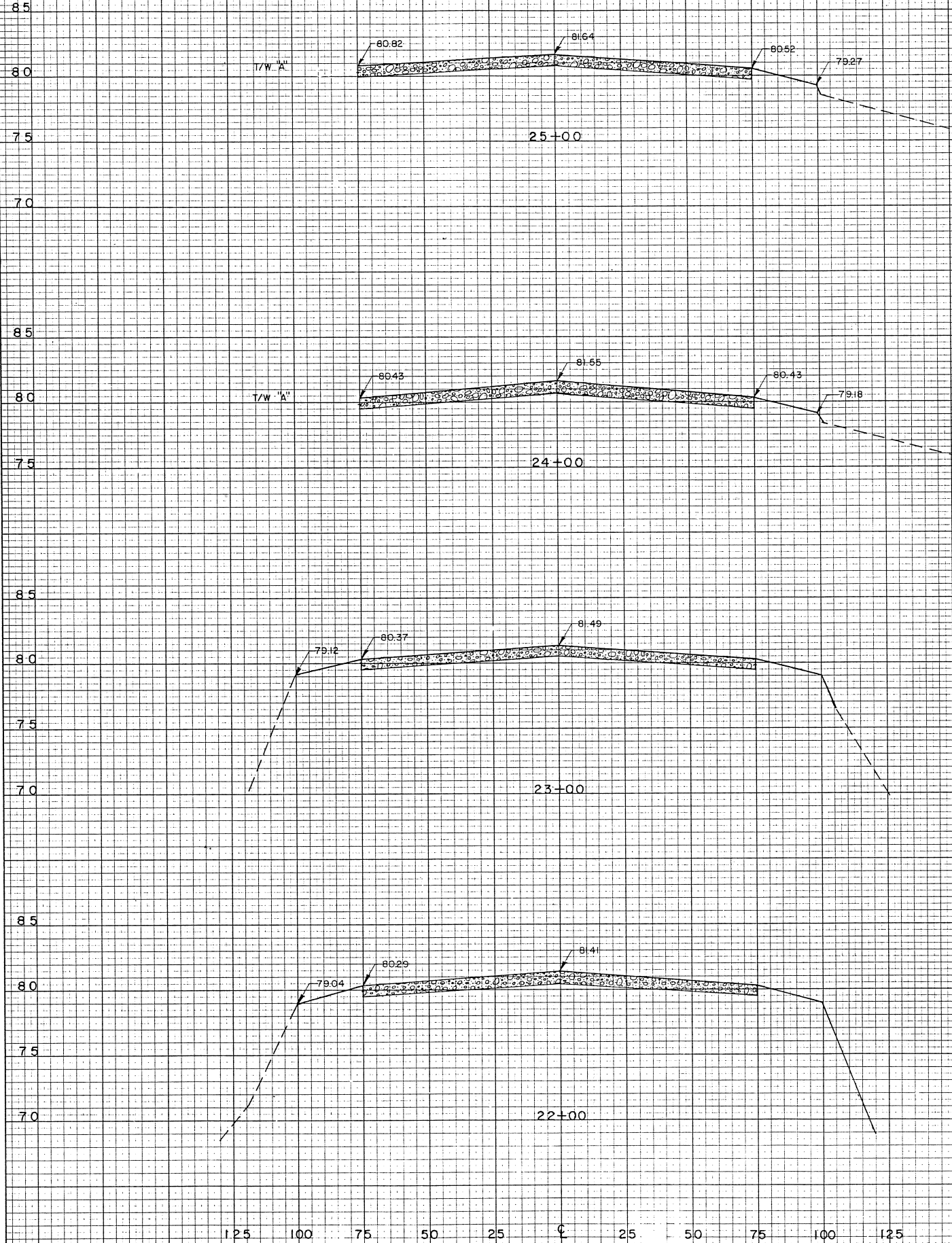
FINAL SURV.	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		



				APPROVED	JAMES J. RHODE, P.E.	CHIEF DESIGN ENGINEER
				APPROVED	BROOKS H. WADE, P.E.	INTERNATIONAL AIRPORTS ENGINEER
CN	4/15/89	AS-BUILT		SCALE	VERT. 1"= 5'	HORIZ. 1"= 25'
BY	DATE		CHANGE	DESIGNED	KLB	DRAWN
			REVISIONS	CHECKED	RJD	DATE
				SHEET	7-27-80	13 OF 33

FINAL SURV NOT NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY



BY		DATE	AS-BUILT
4/15/83			
REVISIONS		DESIGNED	DRAWN
		8/10	ORP
		CHECKED	DATE
			07-29-83

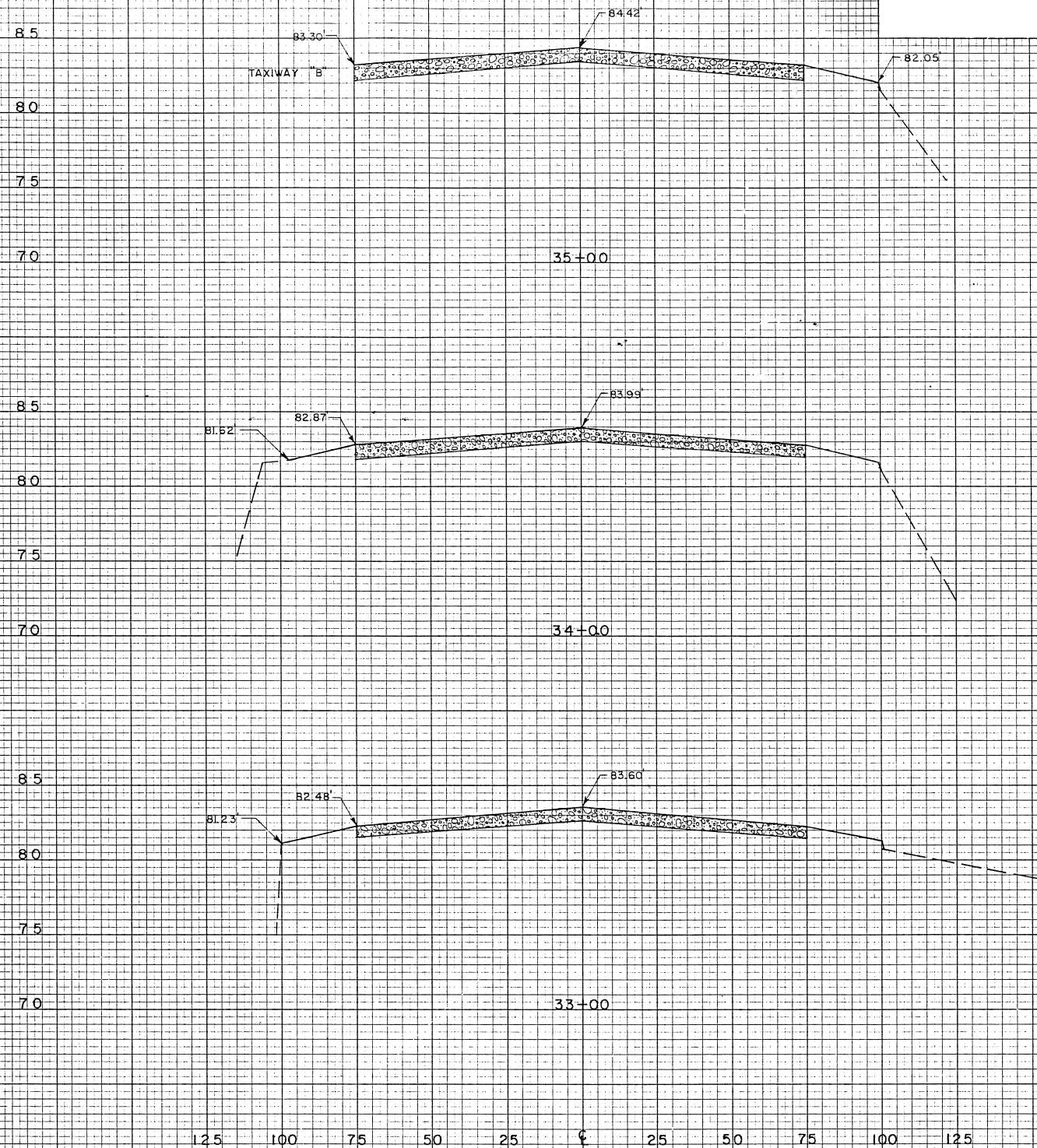
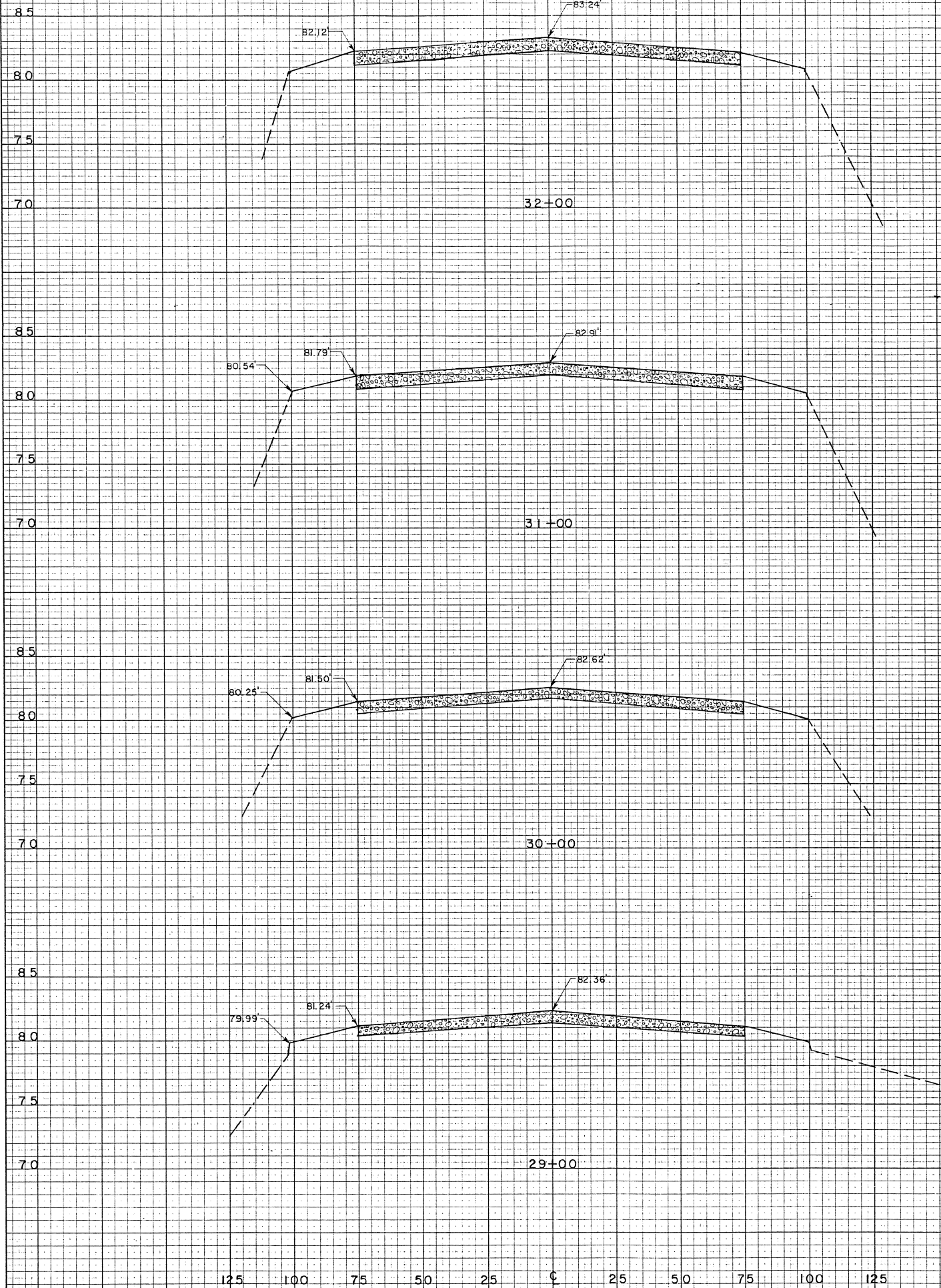
APPROVED		JAMES J. RHODE, P.E.		CHIEF DESIGN ENGINEER	
APPROVED		Brooks H. Wade, P.E.		INTERNATIONAL AIRPORTS ENGINEER	

SCALE	VERT. 1" = 5'	DESIGNED	8/10	DRAWN	ORP	SHEET 14 OF 33
HORIZ.	1" = 25'	CHECKED	8/10	DATE	07-29-83	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION
DILLINGHAM AIRPORT
A.D.A.P. No. 6-02-0078-03
RUNWAY CROSS SECTIONS
STA. 22+00 TO STA. 28+00

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY

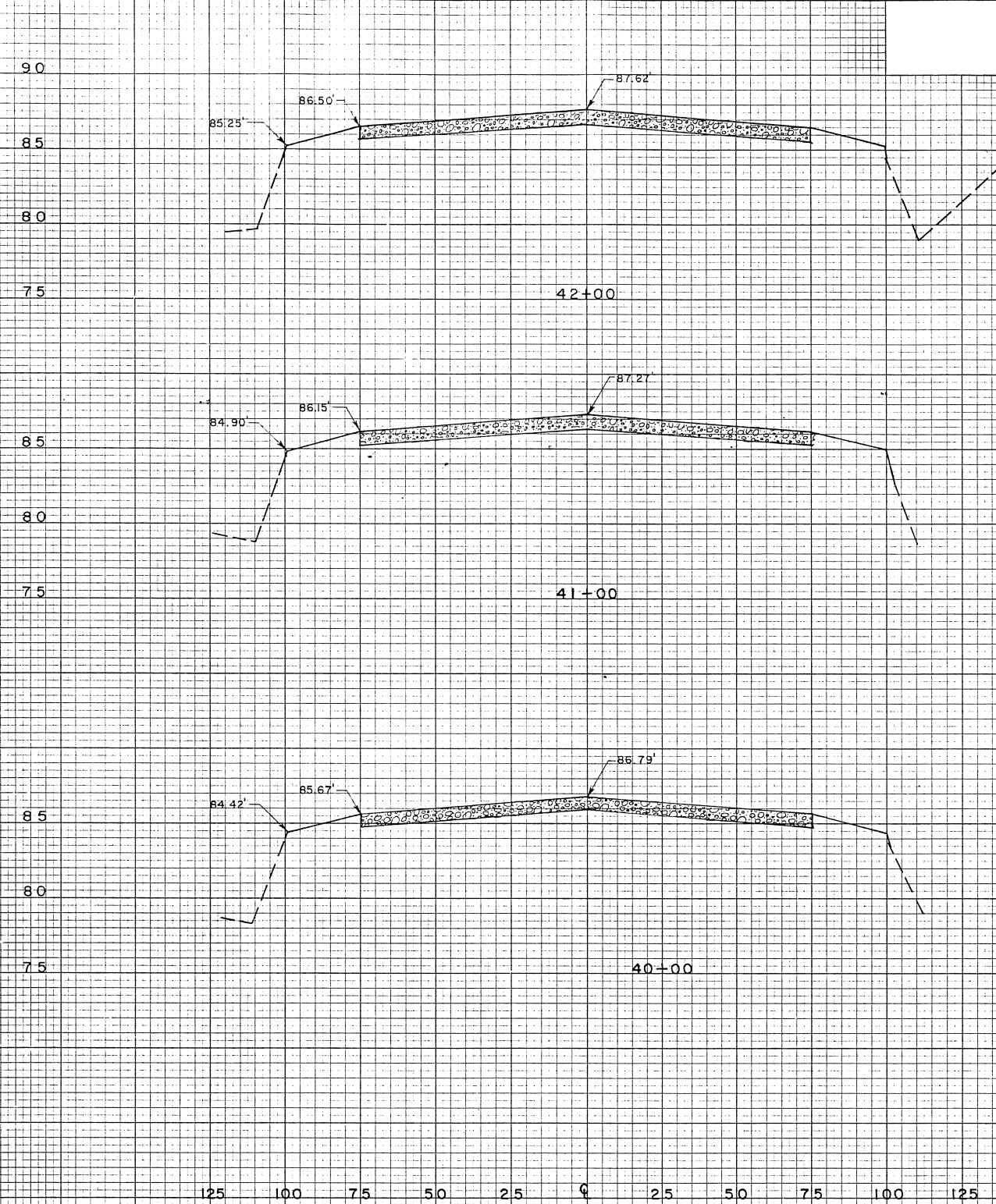
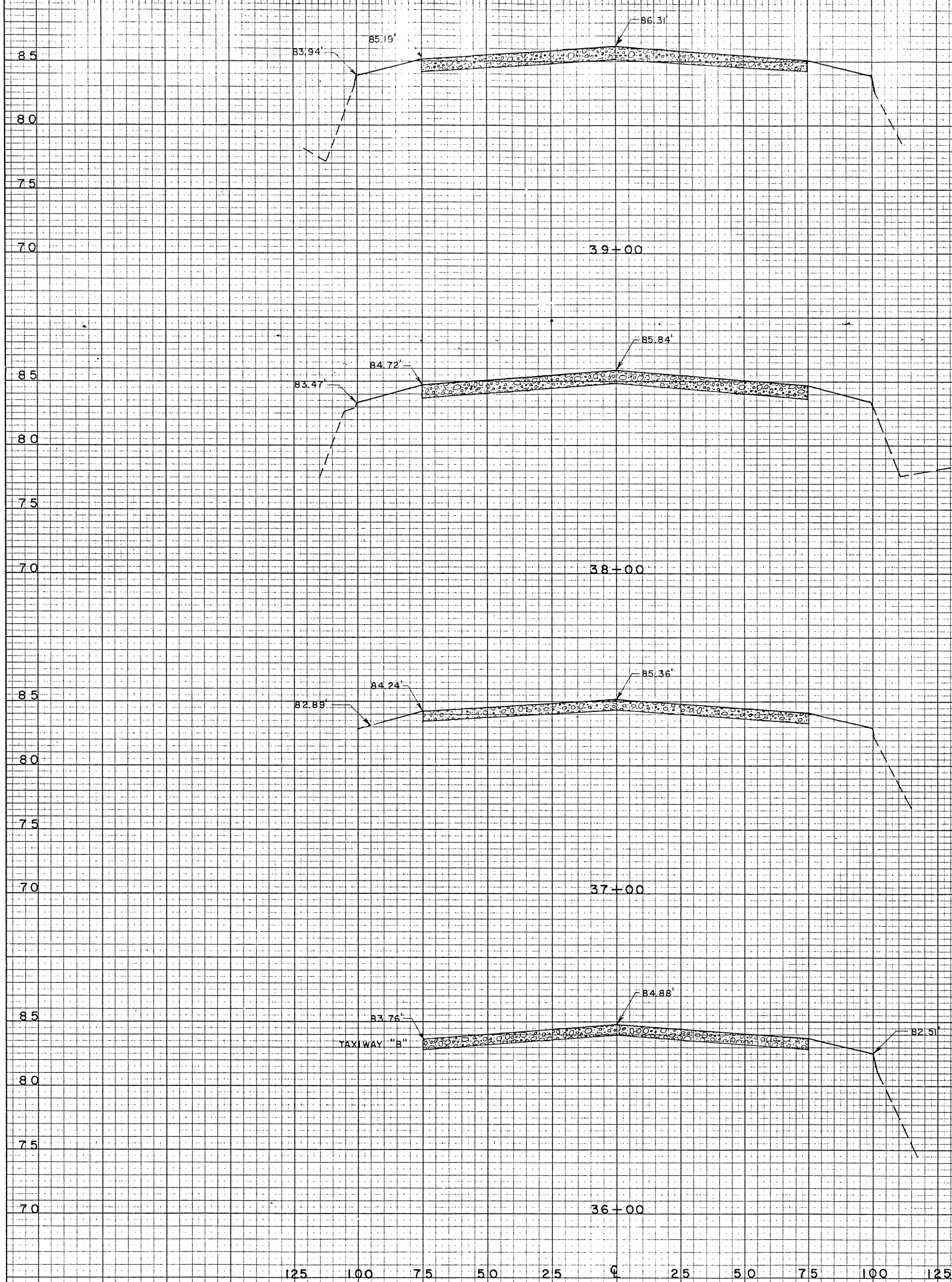


BY		DATE	AS-BUILT
REVISIONS		CHANGE	
DESIGNED		CHECKED	DATE
DRAWN		DATE	SHEET 15 OF 33

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION DILLINGHAM AIRPORT A.D.A.P. No. 6-02-0078-03 RUNWAY CROSS SECTIONS STA. 29+00 TO STA. 35+00	
APPROVED JAMES H. WADDE, P.E. BROOKS H. WADDE, P.E.	CHIEF DESIGN ENGINEER INTERNATIONAL AIRPORTS ENGINEER
SCALE VERT. 1" = 5' HORIZ. 1" = 25'	DATE 4-24-83

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL	

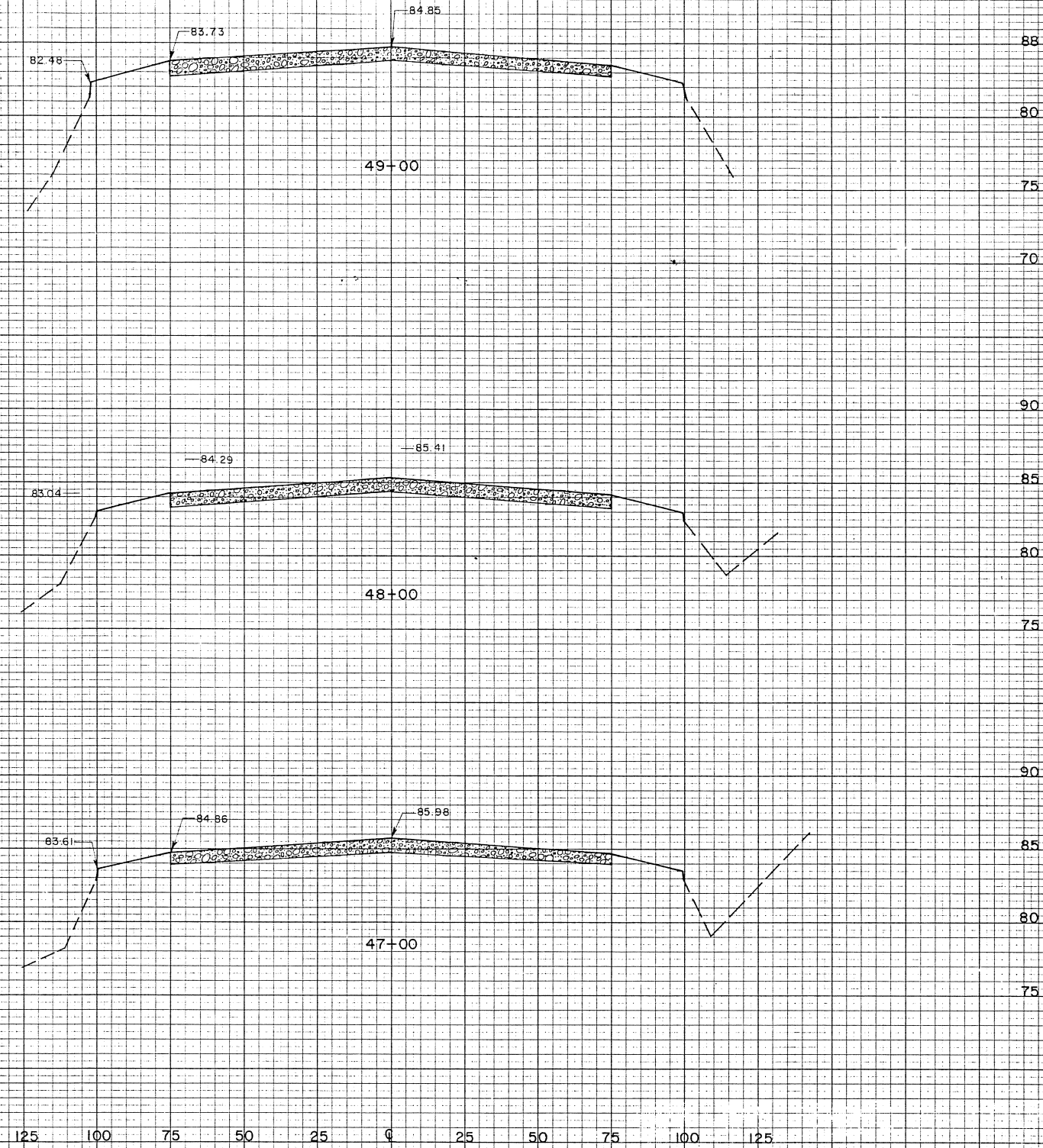
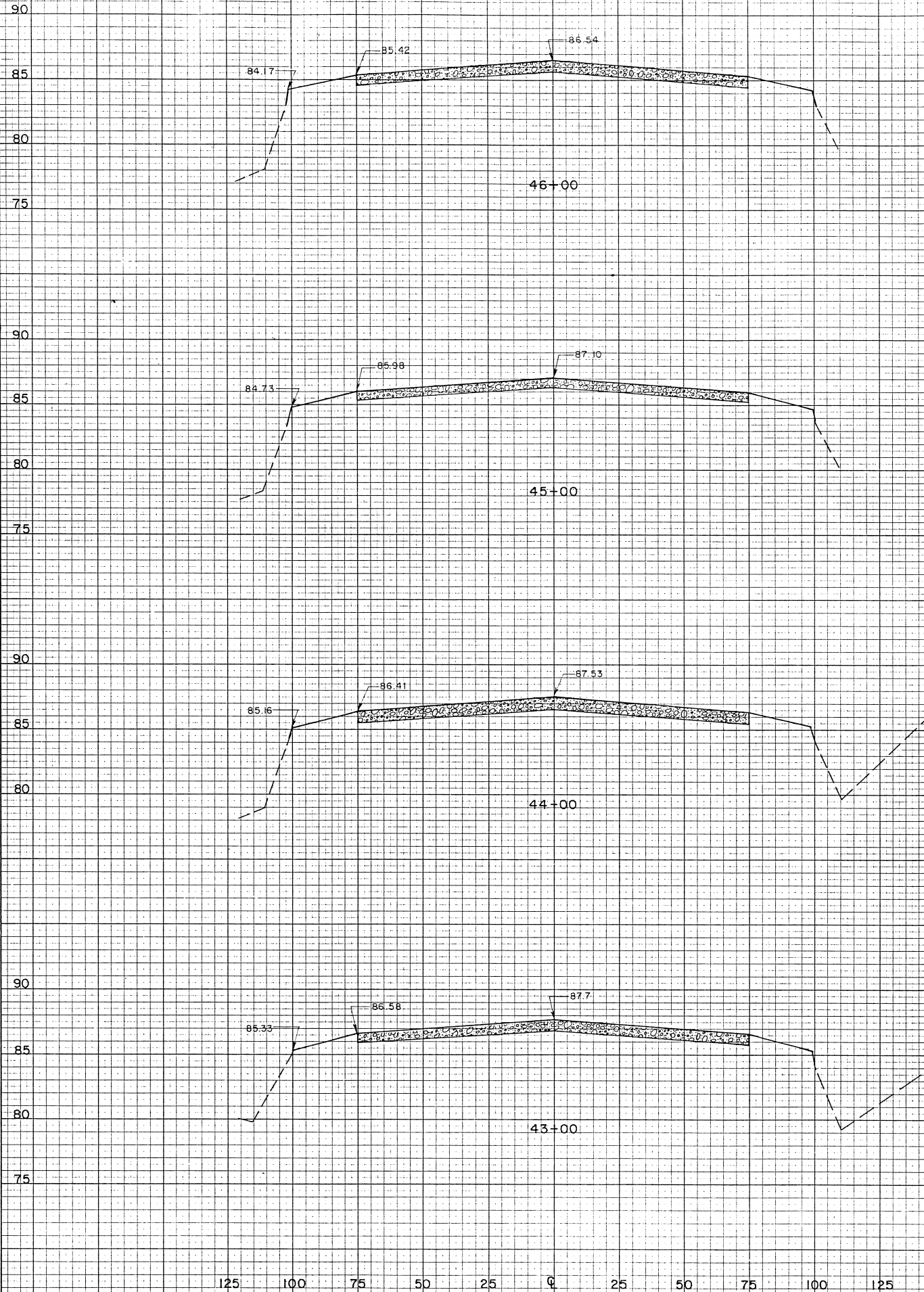
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL	
NOTE BOOK	
NO.	



STATE OF ALASKA	
DEPARTMENT OF TRANSPORTATION	
AND PUBLIC FACILITIES	
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION	
DILLINGHAM AIRPORT	
A.D.A.P. No. 6-02-0078-03	
RUNWAY CROSS SECTIONS	
STA. 36+00 TO STA. 42+00	
APPROVED	<i>James J. Rhode</i>
JAMES J. RHODE, P.E.	CHIEF DESIGN ENGINEER
APPROVED	<i>Brooks H. Wade</i>
BROOKS H. WADE, P.E.	INTERNATIONAL AIRPORTS ENGINEER
SCALE	VERT. 1" = 5'
HORZ. 1" = 25'	DESIGNED <i>KLB</i>
CHECKED <i>BJS</i>	DRAWN <i>JRP</i>
DATE <i>8-29-83</i>	SHEET 16 OF 33

DATE	
BY	
SURVEYED	
PLOTTED	
REMARKS	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
REMARKS	
AREAS CHECKED	



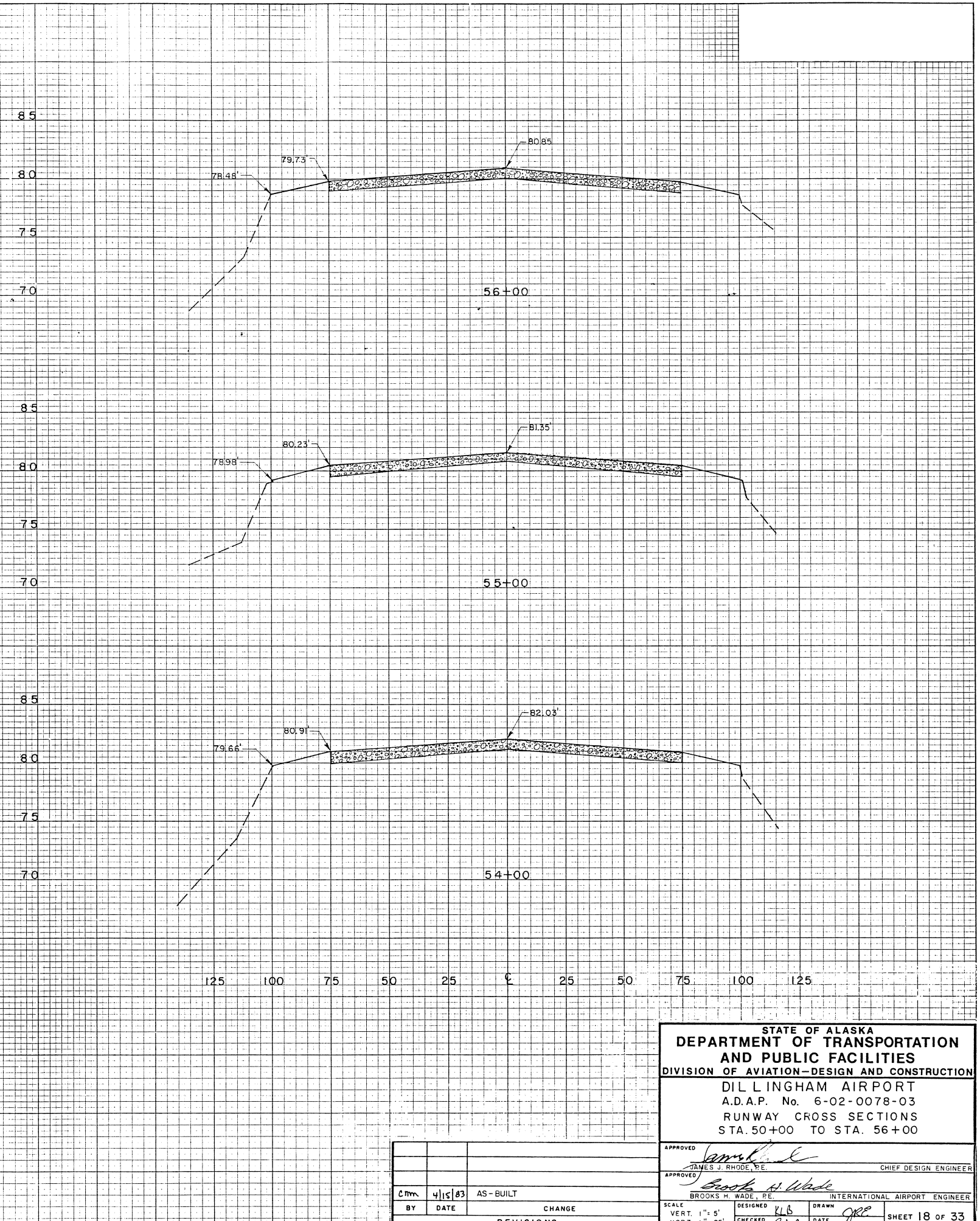
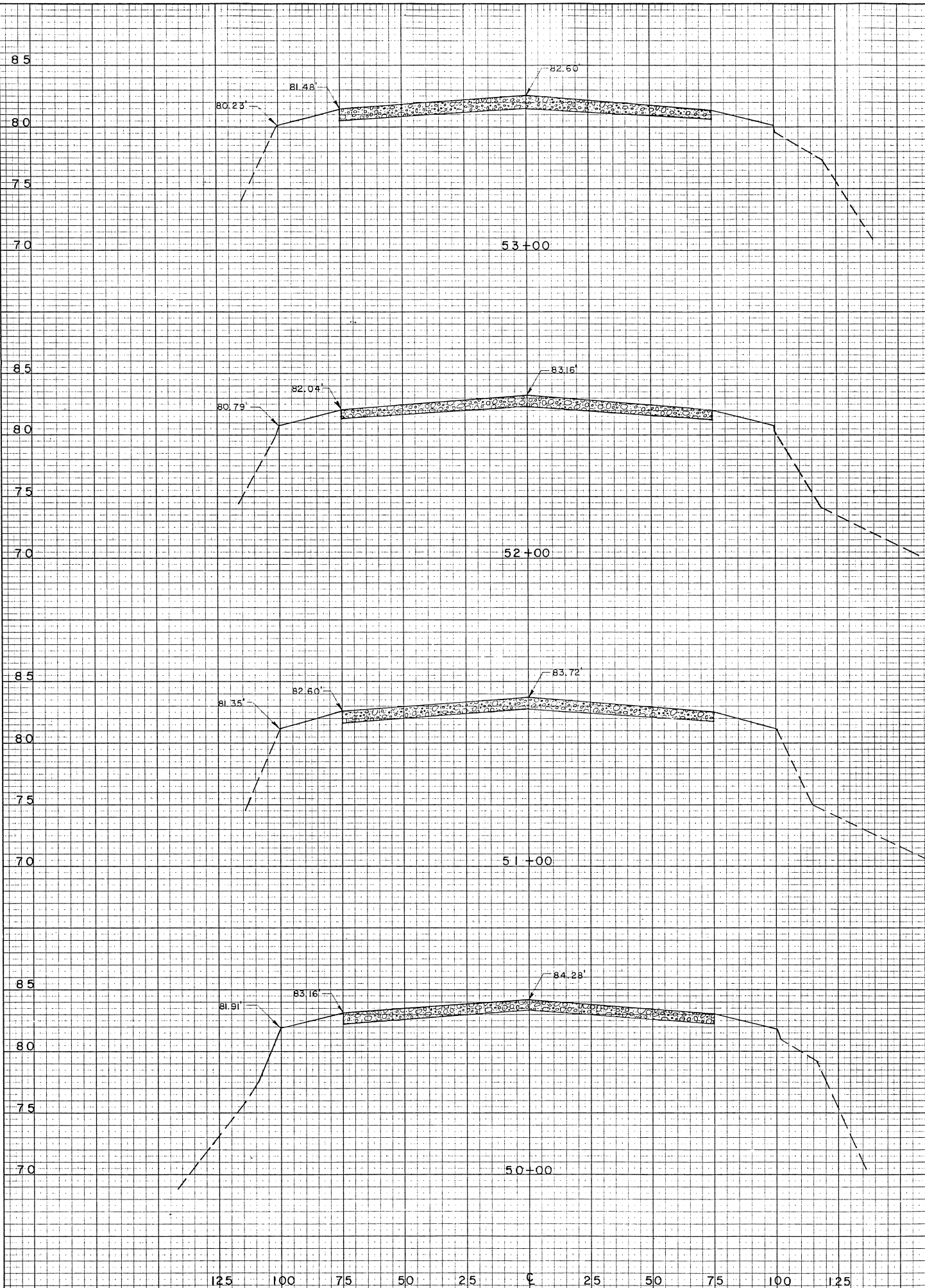
Cnm		4/15/83	AS-BUILT
BY	DATE	DESIGNED	CHANGE
		CHECKED	REVISIONS

APPROVED		APPROVED	
<i>[Signature]</i>		<i>[Signature]</i>	
JAMES J. RHODE, P.E.		BROOKS H. WADE, P.E.	
CHIEF DESIGN ENGINEER		INTERNATIONAL AIRPORTS ENGINEER	

SCALE	VERT. 1" = 5'	DESIGNED	KLb	DRAWN	QRP
HORIZ. 1" = 25'	CHECKED	Bjg	DATE	4-22-83	SHEET 17 OF 33

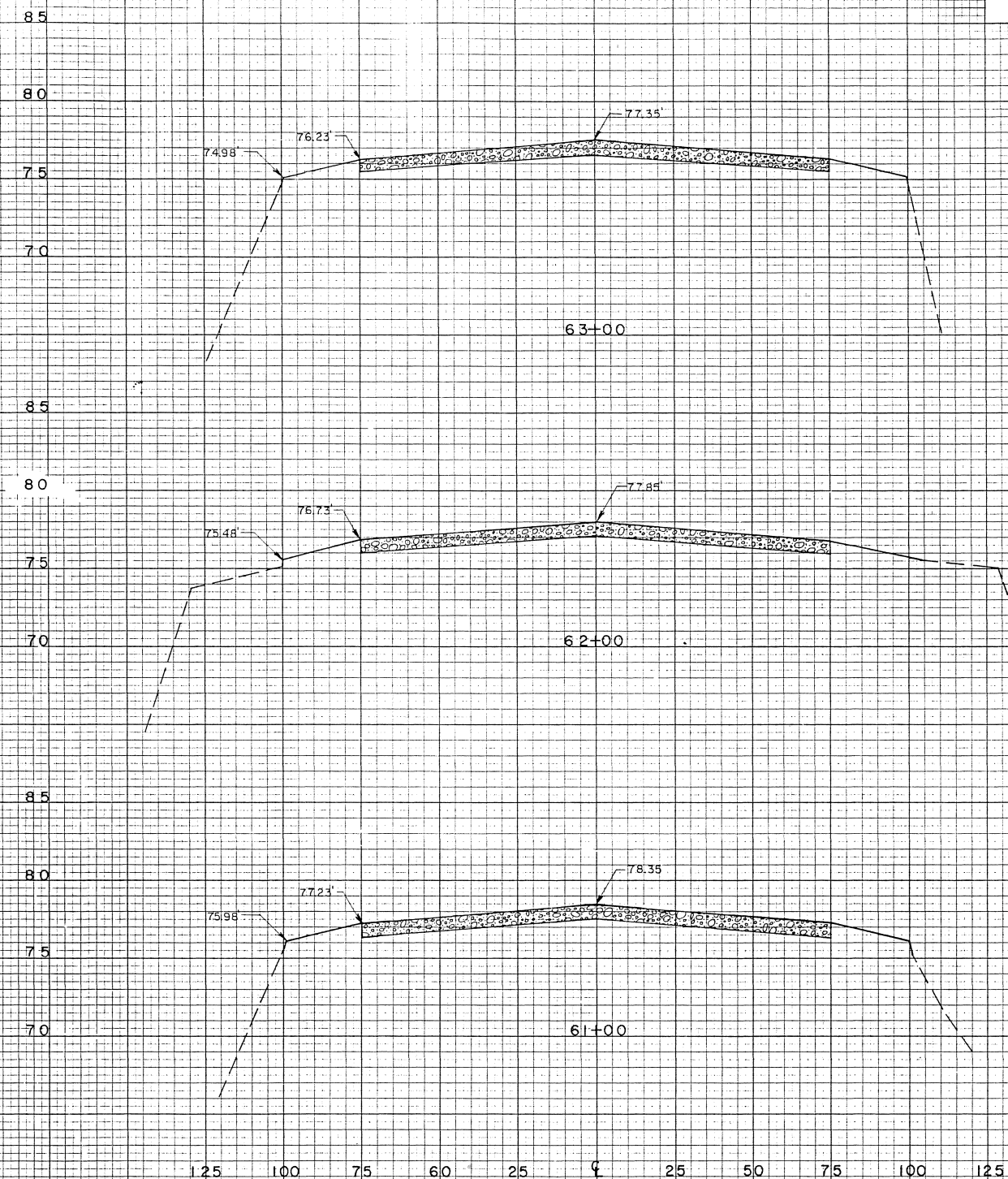
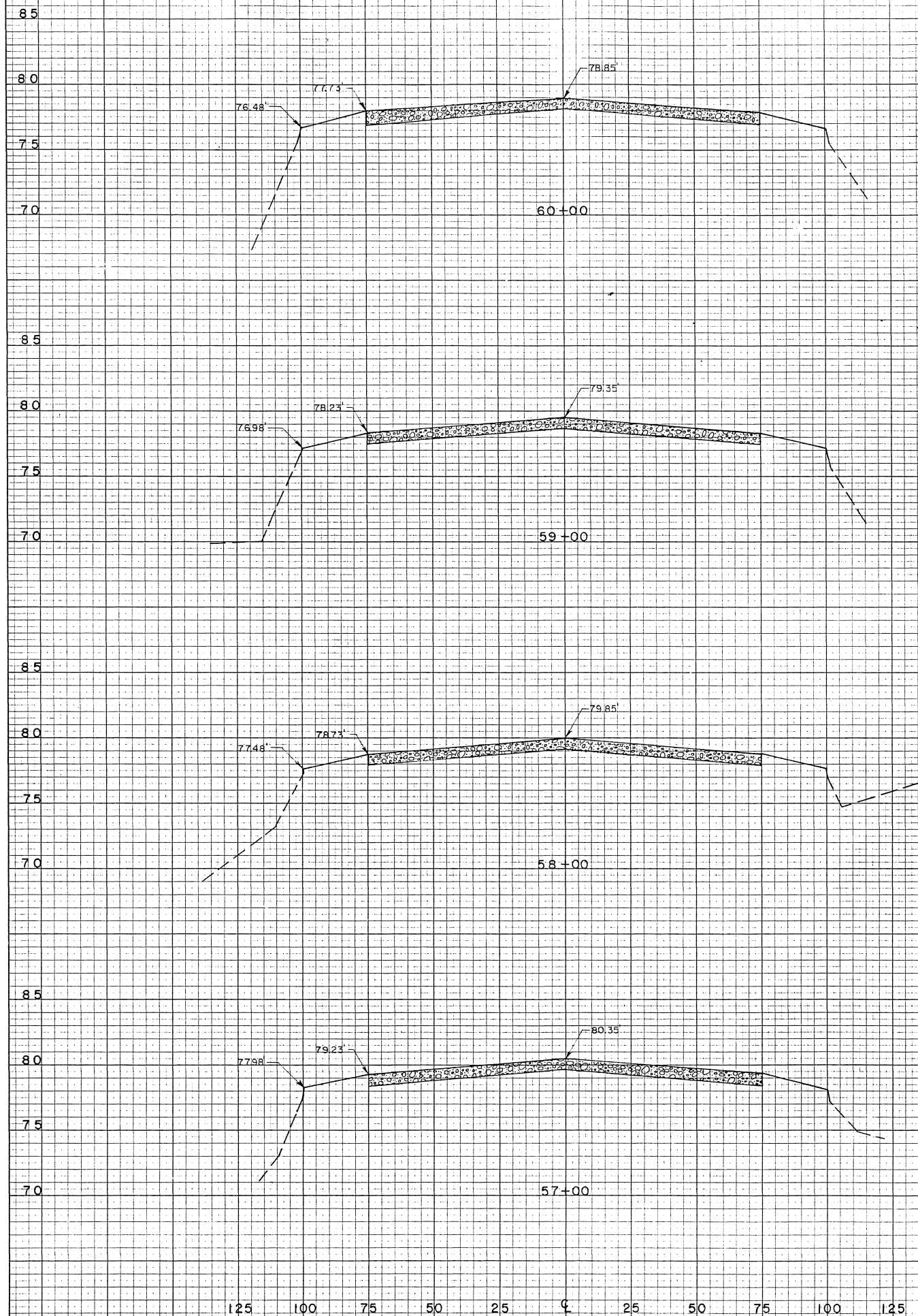
SURVEYED PLOTTED CHECKED NO.	DATE
	BY
	NO.
	NO.

ORIGINAL SURVEY NOTE BOOK NO.	DATE
	BY
	NO.
	NO.



APPROVED JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER	
APPROVED BROOKS H. WADE, P.E. INTERNATIONAL AIRPORT ENGINEER	
SCALE VERT. 1" = 5' HORZ. 1" = 25'	DESIGNED KLB CHECKED B.H.A. DATE 4-24-83
SHEET 18 OF 33	

ORIGINAL		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
NOTE BOOK			
AREAS			
CHECKED			
NO.			

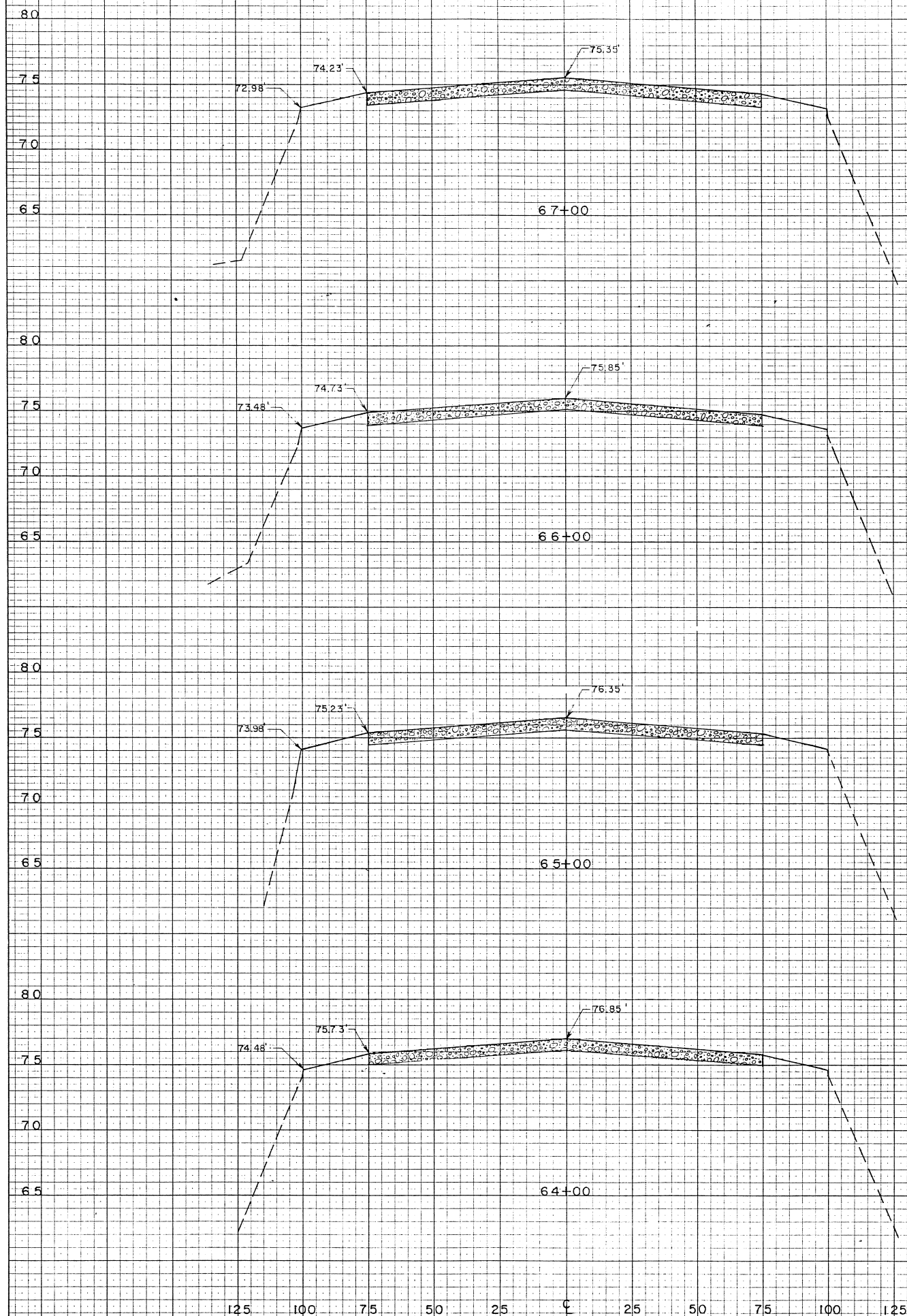


				APPROVED	<i>[Signature]</i>		JAMES J RHODES P.E.	CHIEF DESIGN ENGINEER
				APPROVED	<i>[Signature]</i>		BROOKS H. WADE	INTERNATIONAL AIRPORT ENGINEER
CNm	4/18/03	AS-BUILT						
BY	DATE	CHANGE						
REVISIONS								
SCALE	VERT 1" = 5'	DESIGNED	KLB	DRAWN	OJE	SHEET 19 OF 33		
HORIZ 1" = 25'	CHECKED	PJB	DATE	6-2-00				

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION

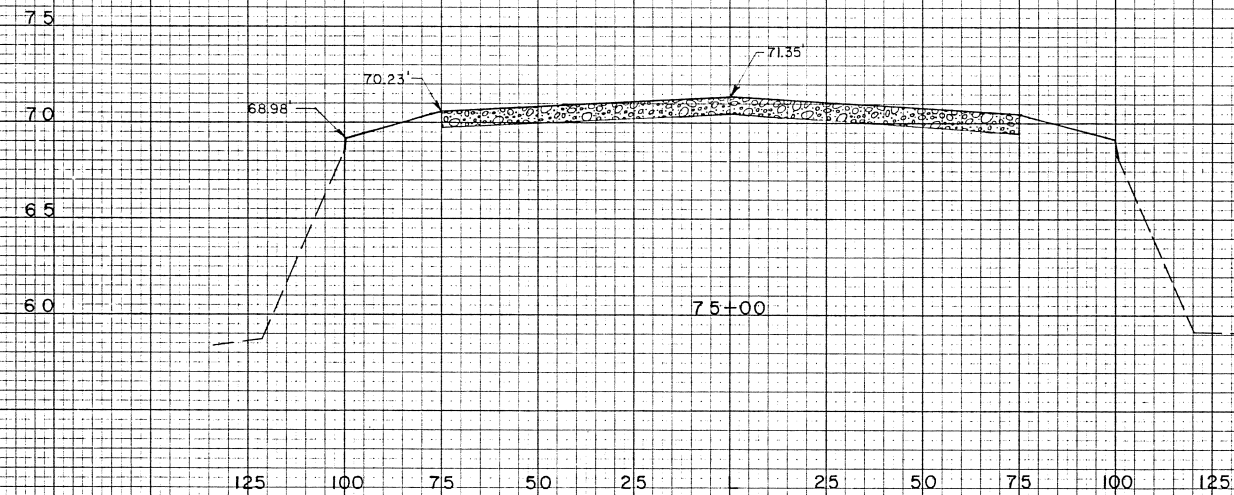
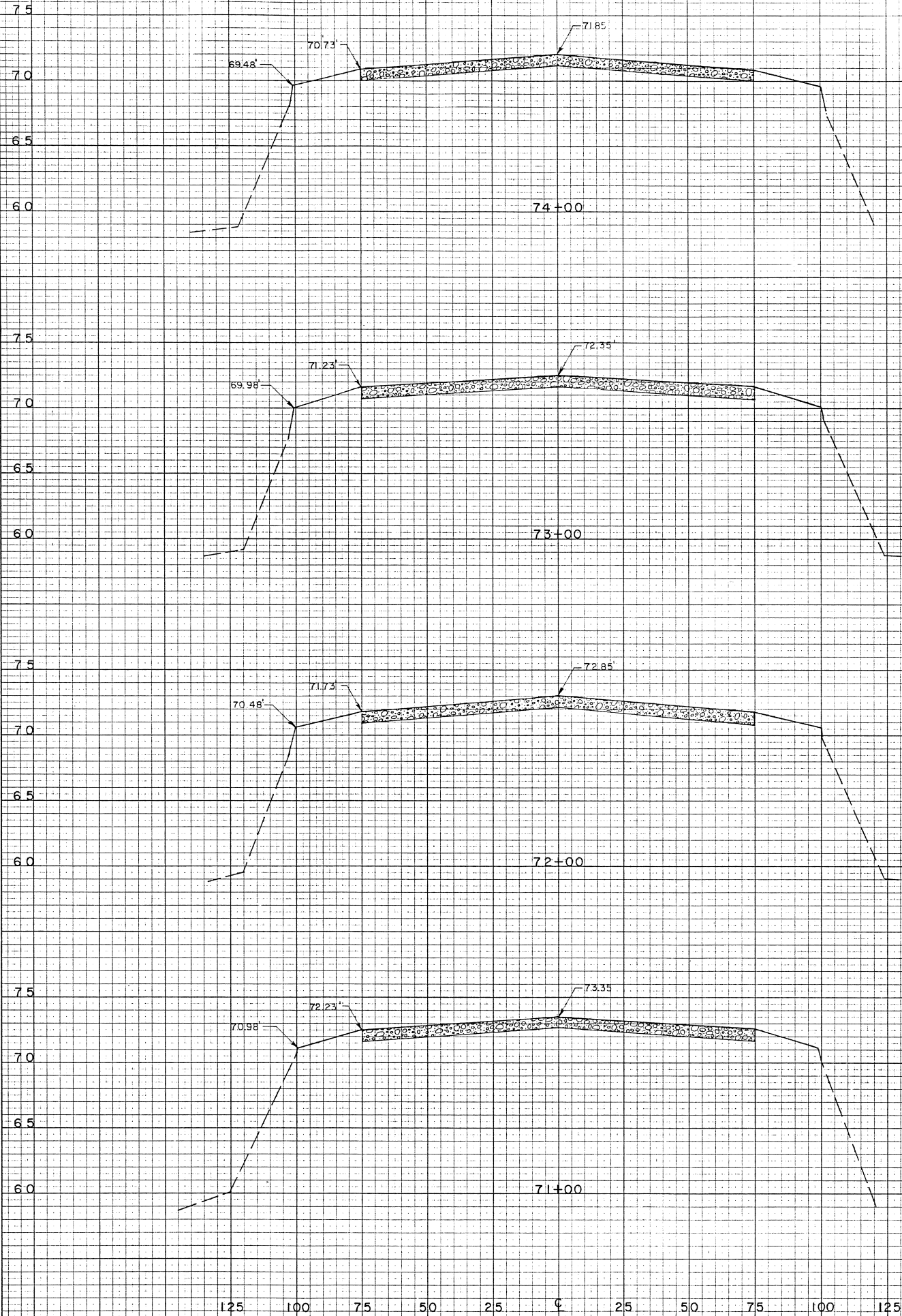
DIL LINGHAM AIRPORT
A.D.A.P. No. 6-02-0078-03
RUNWAY CROSS SECTIONS
STA. 57+00 TO STA. 63+00

ORIGINAL	BY _____ DATE _____
SURVEYED _____	
PLOTTED _____	
TEMP. _____	
NOTE BOOK _____	
AREAS _____	AREAS CHECKED
AREAS CHECKED _____	
NO. _____	

[illegible]

DATE	BY
SURVEYED	PLOTTED
NO.	NO.
AREAS CHECKED	AREAS CHECKED

DATE	BY
SURVEYED	PLOTTED
NO.	NO.
AREAS CHECKED	AREAS CHECKED

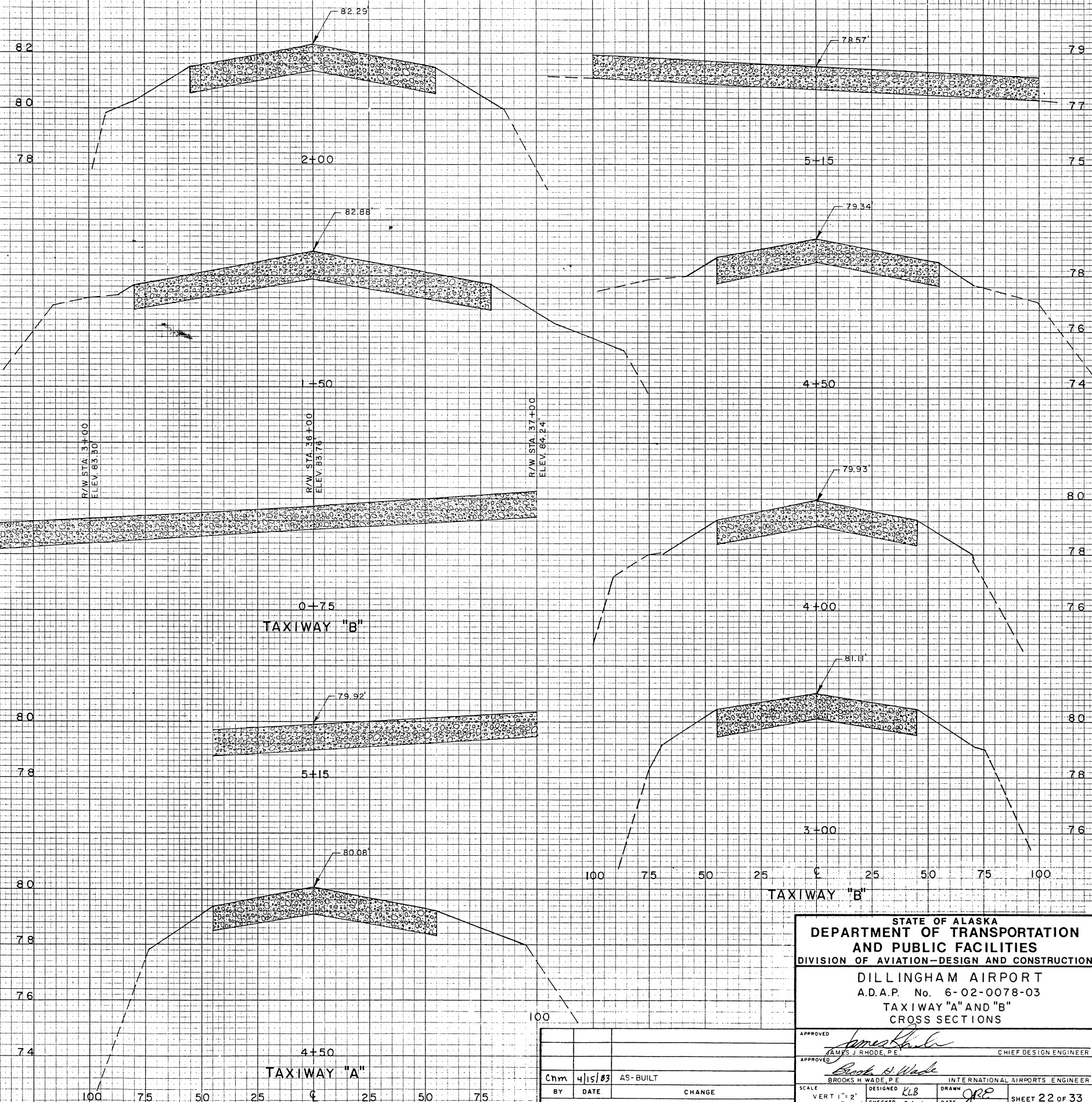
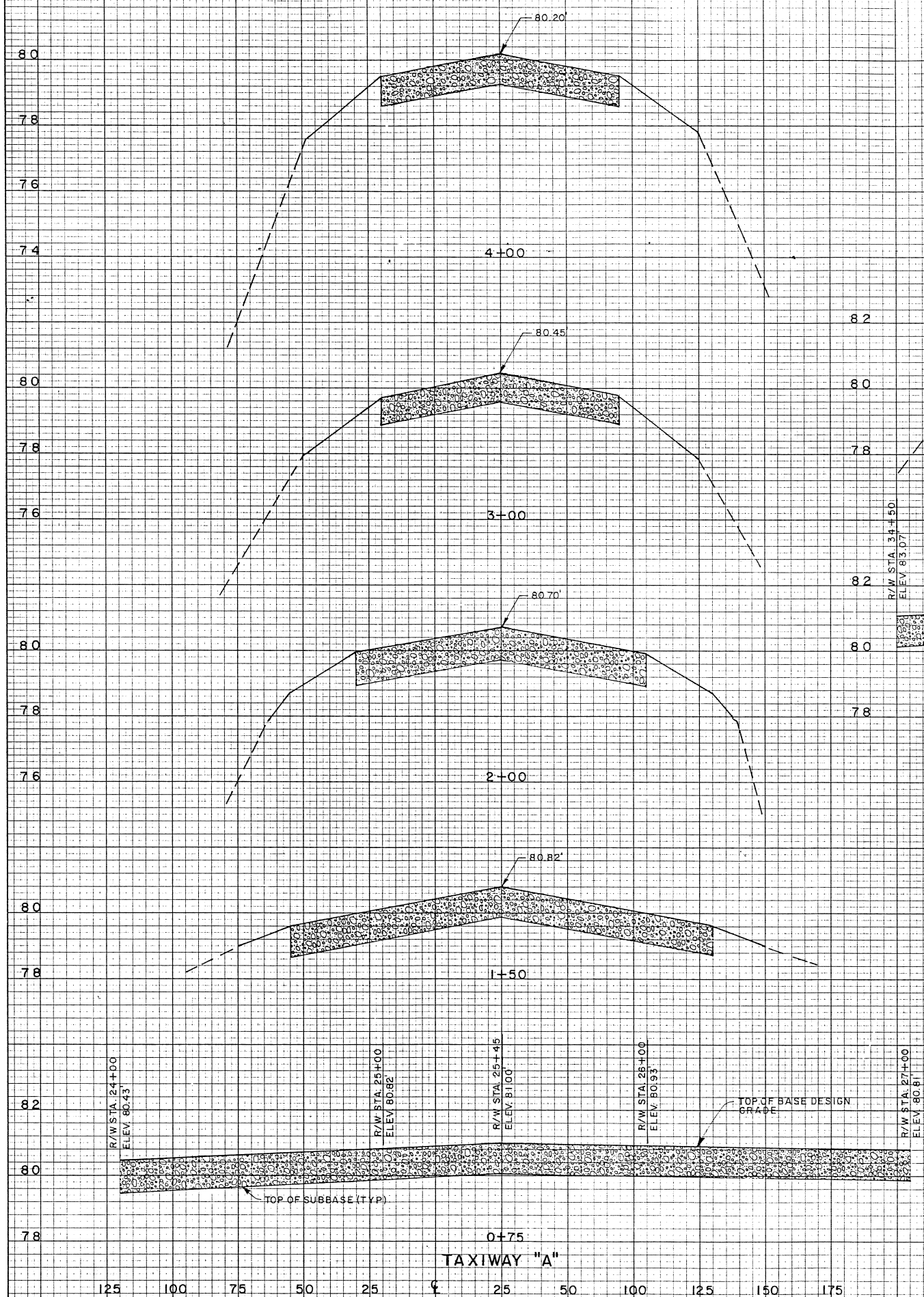


BY	DATE	AS-BUILT
REVISIONS	CHANGE	

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION DILLINGHAM AIRPORT A.D.A.P. No. 6-02-0078-03 RUNWAY CROSS SECTIONS STA. 71+00 TO STA. 75+00			
APPROVED	<i>James H. Rhode</i> JAMES H. RHODE, P.E. CHIEF DESIGN ENGINEER		
APPROVED	<i>Brooks H. Wade</i> BROOKS H. WADE, P.E. INTERNATIONAL AIRPORT ENGINEER		
SCALE	VERT. 1"= 5'	DESIGNED	DATE
HORZ. 1"= 25'	CHECKED	DATE	SHEET 21 OF 33

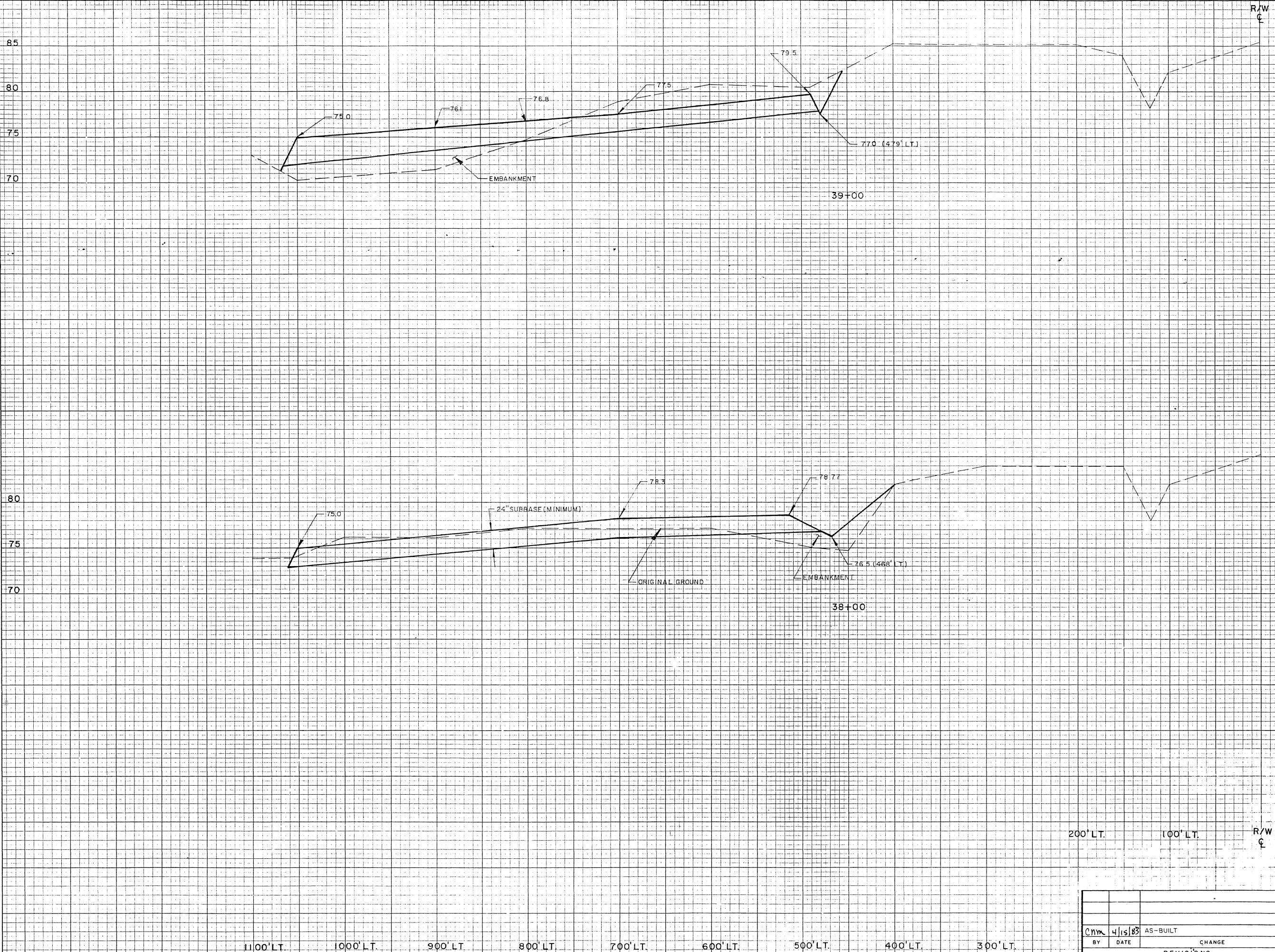
FORM NO.	SURVEYED		BY	DATE
	PLOTTED			
NO.	TEMPLATE			
	AREAS			
	AREAS CHECKED			

ORIGINAL SURVEY	BY	DATE
NOTED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
AREAS CHECKED		
NO.		

[illegible]

DATE	BY	SURVEYED	PLOTTED	REPLATE	AREAS CHECKED
NO.					
NO.					

DATE	BY	SURVEYED	PLOTTED	REPLATE	AREAS CHECKED
NO.					
NO.					

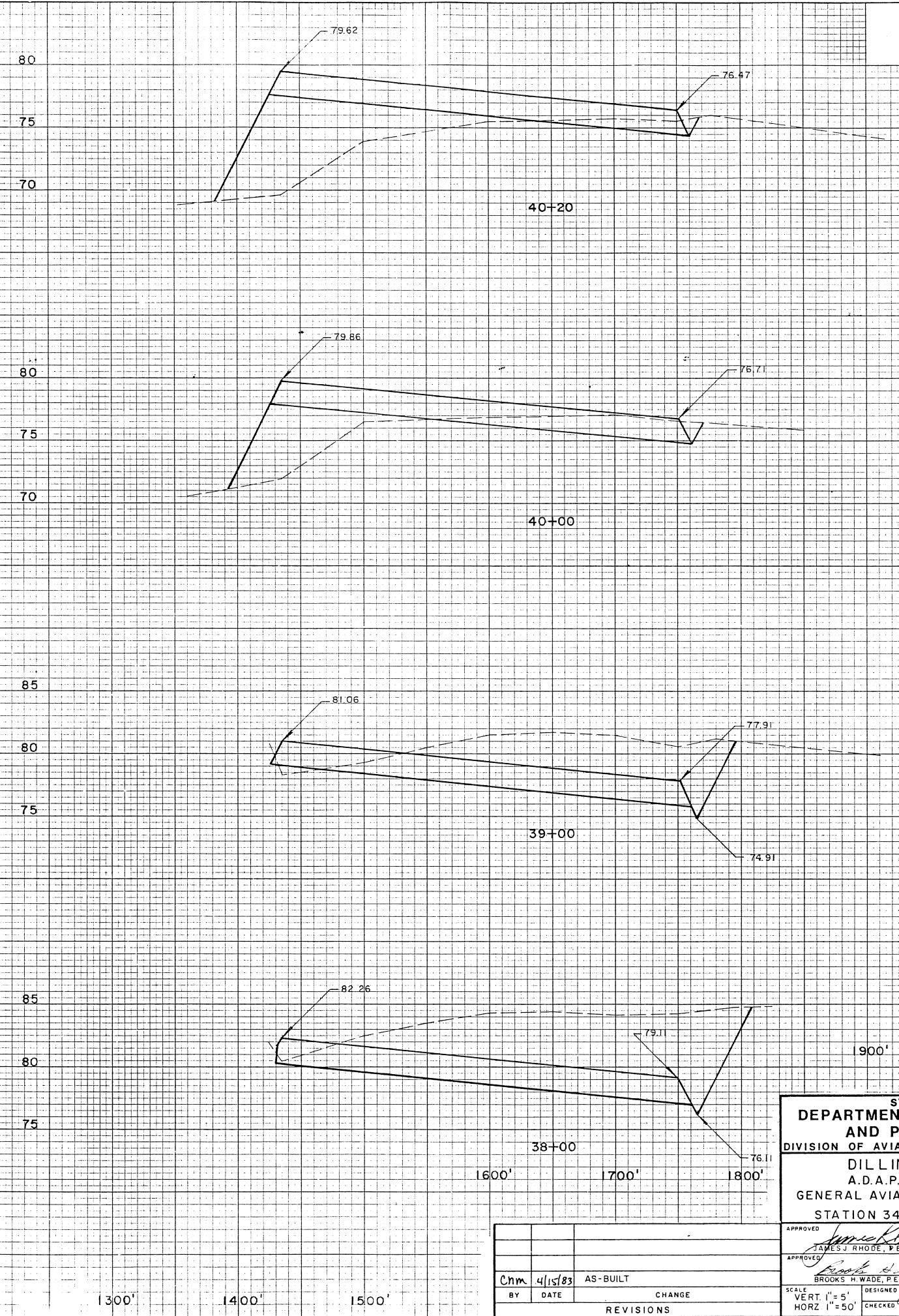
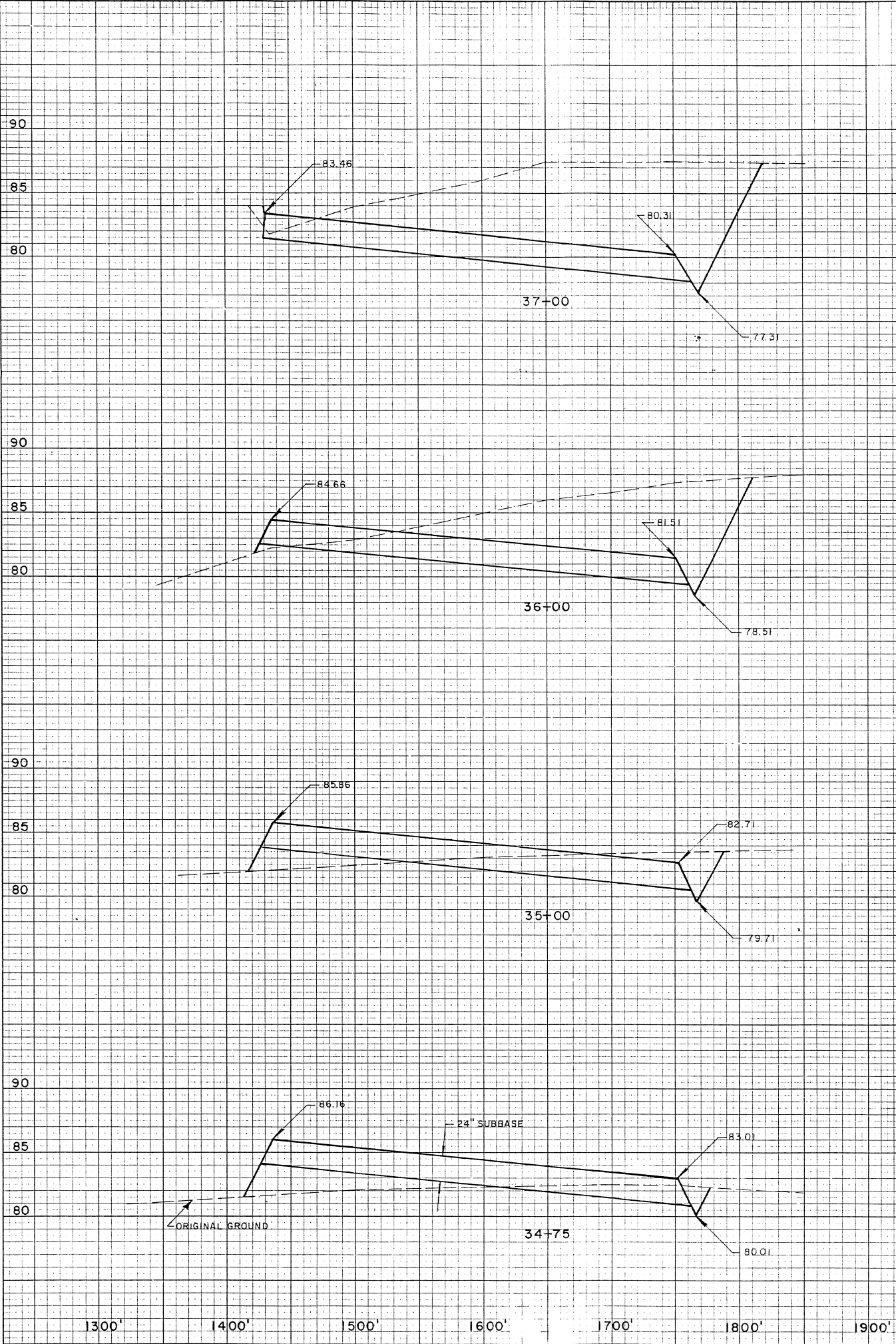


BY	DATE	CHANGE	REVISIONS
Cnm	4/15/83	AS-BUILT	

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION			
DILLINGHAM AIRPORT A.D.A.P. NO. 6-02-0078-03 APRON EXTENSION CROSS SECTIONS STATION 38+00 TO STATION 39+00			
APPROVED	<i>James J. Rhode</i> JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER		
APPROVED	<i>Brooks H. Wade</i> BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER		
SCALE	VERT " = 5'	DESIGNED	DRAWN
HORZ " = 50'	CHECKED	DATE	SHEET 23 OF 33

FINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED	DATE
	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	



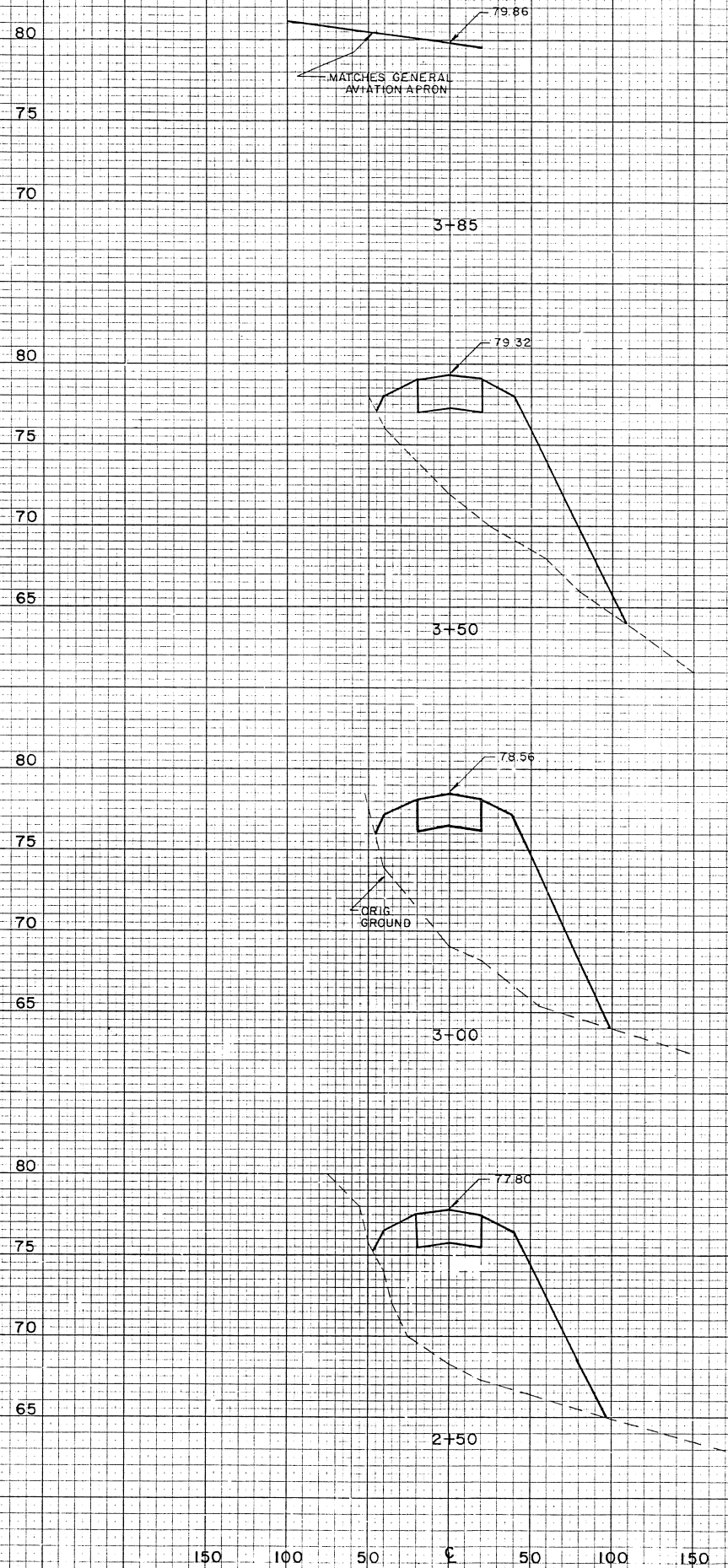
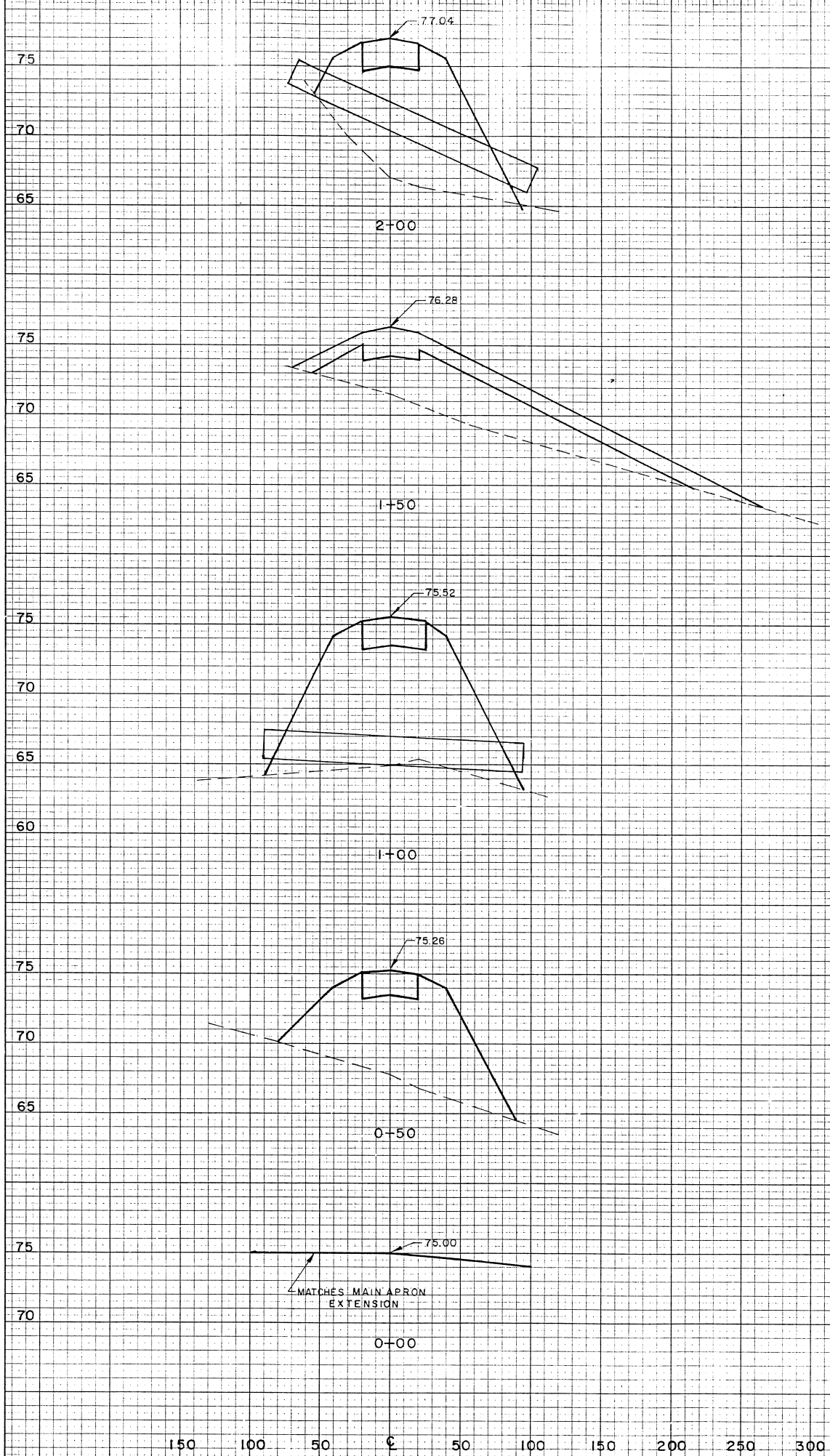
Cnm 4/15/83		AS-BUILT	DESIGNED		DRAWN		CHECKED		DATE		SHEET 25 OF 33		
BY		DATE		CHANGE		REVISIONS		SCALE		VERT. 1"=5'		HORIZ. 1"=50'	

APPROVED		JAMES J. RHODE, P.E.		CHIEF DESIGN ENGINEER	
APPROVED		BROOKS H. WADE, P.E.		INTERNATIONAL AIRPORTS ENGINEER	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION
DILLINGHAM AIRPORT
A.D.A.P. NO. 6-02-0078-03
GENERAL AVIATION APRON CROSS SECTIONS
STATION 34+75 TO STATION 40+20

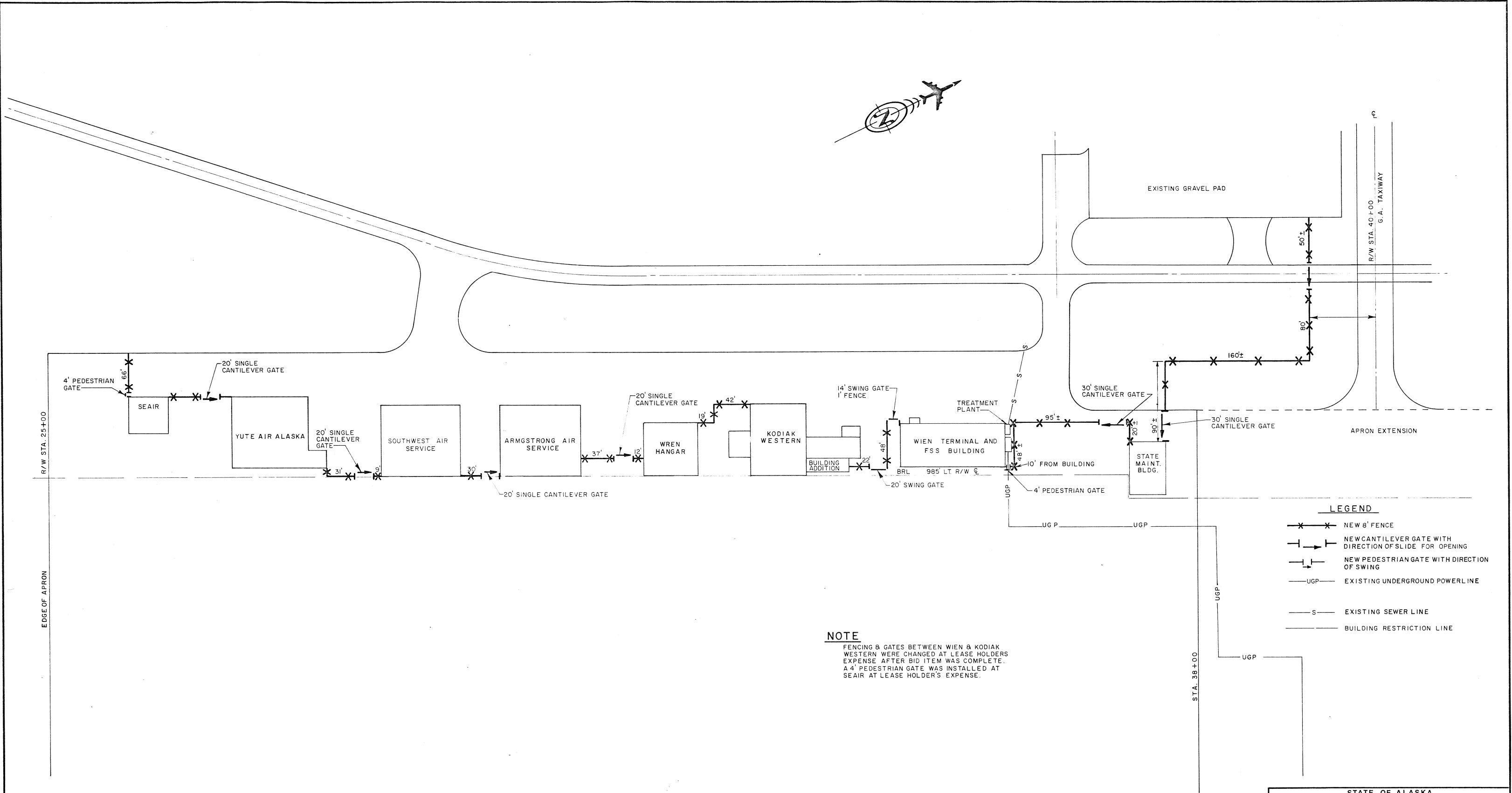
FINAL NO.	BY	DATE	SURVEYED	DATE
			REVISION	DATE
			TEMPLATE	DATE
			AREAS	DATE
			CHECKED	DATE

ORIGINAL NO.	BY	DATE	SURVEYED	DATE
			REVISION	DATE
			TEMPLATE	DATE
			AREAS	DATE
			CHECKED	DATE



BY	DATE	CHANGE
Chm	4/15/83	AS-BUILT
REVISIONS		

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION DILLINGHAM AIRPORT A.D.A.P. NO. 6-02-0078-03 GENERAL AVIATION TAXIWAY CROSS SECTIONS STATION 0+00 TO STATION 3+85			
APPROVED	<i>James J. Rhode</i> JAMES J. RHODE, P.E. CHIEF DESIGN ENGINEER		
APPROVED	<i>Brooks H. Wade</i> BROOKS H. WADE, P.E. INTERNATIONAL AIRPORTS ENGINEER		
SCALE	VERT. 1" = 5'	DESIGNED	DATE
HORIZ. 1" = 50'	CHECKED	DATE	SHEET 26 OF 33



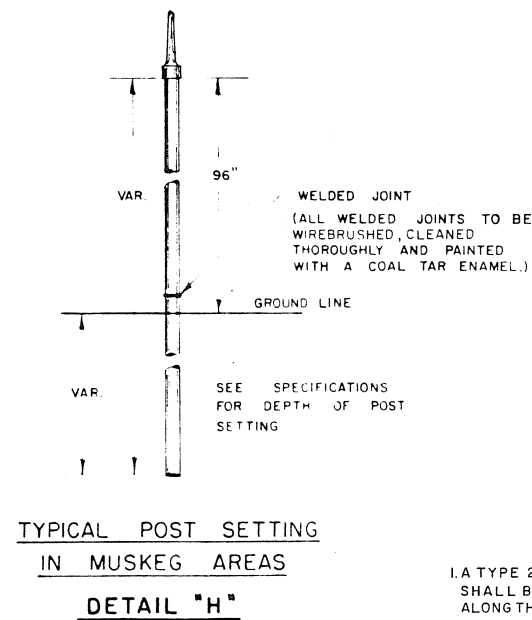
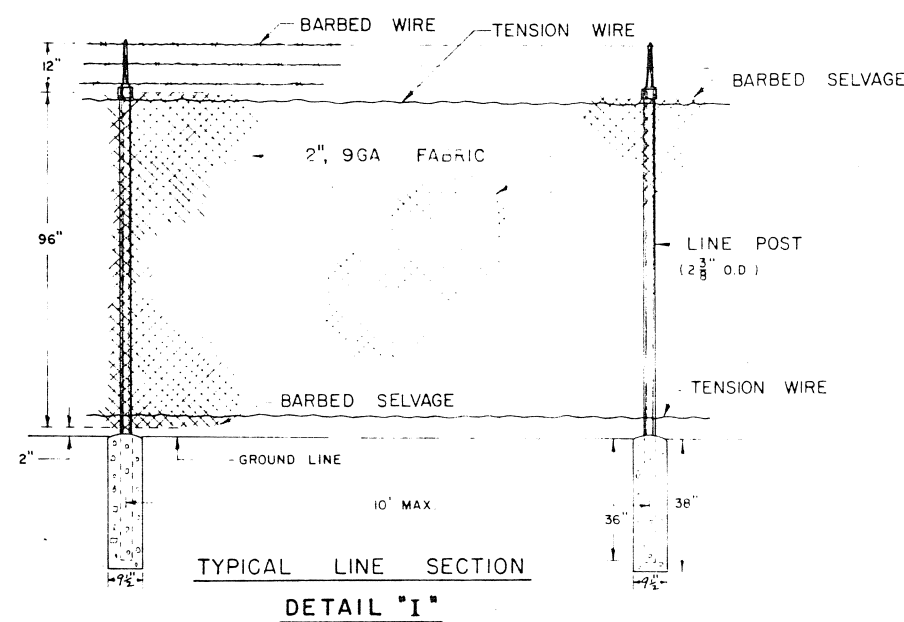
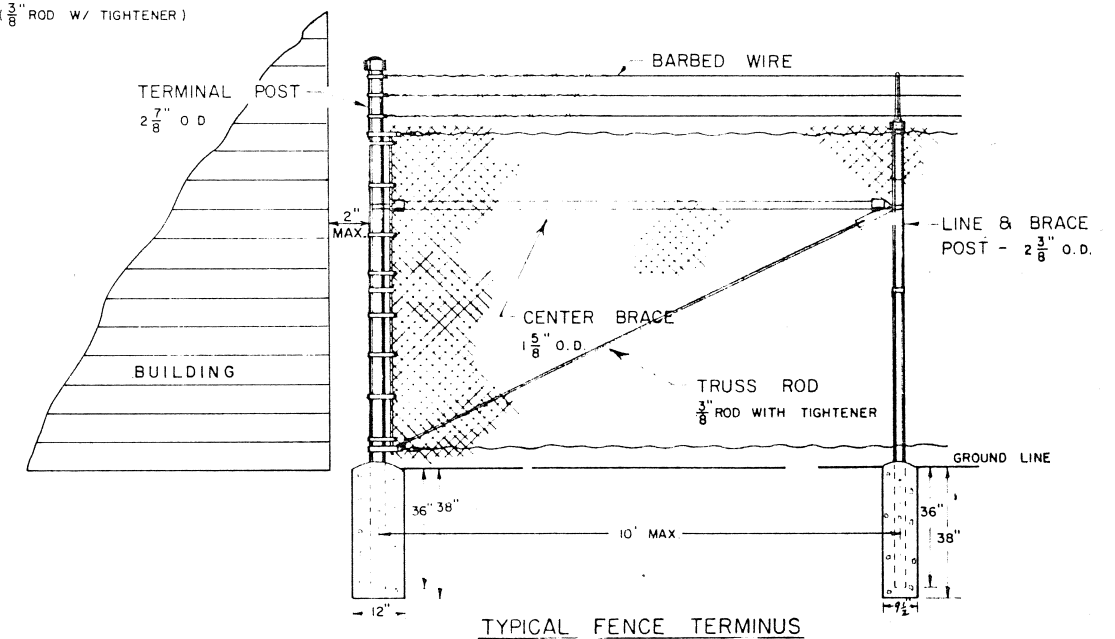
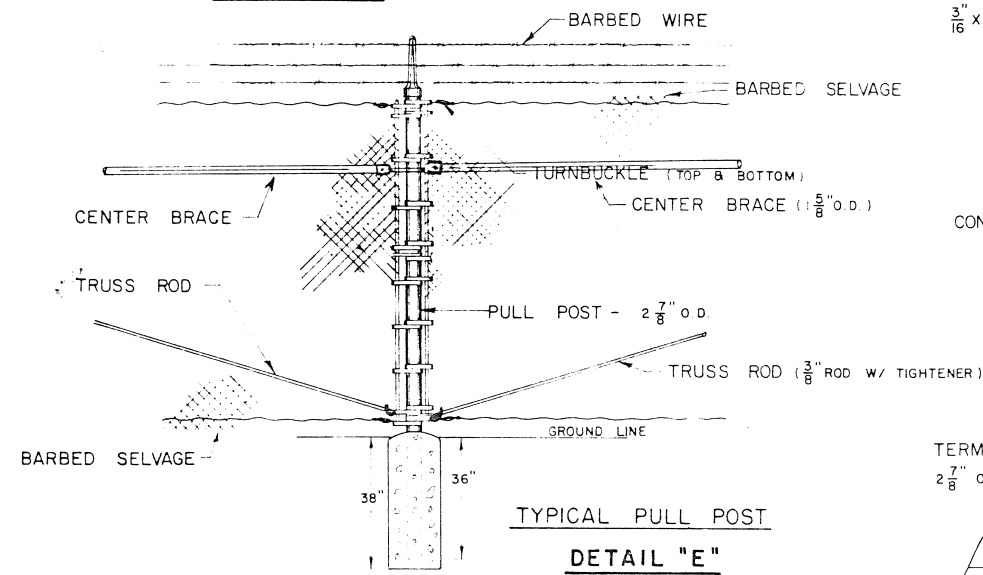
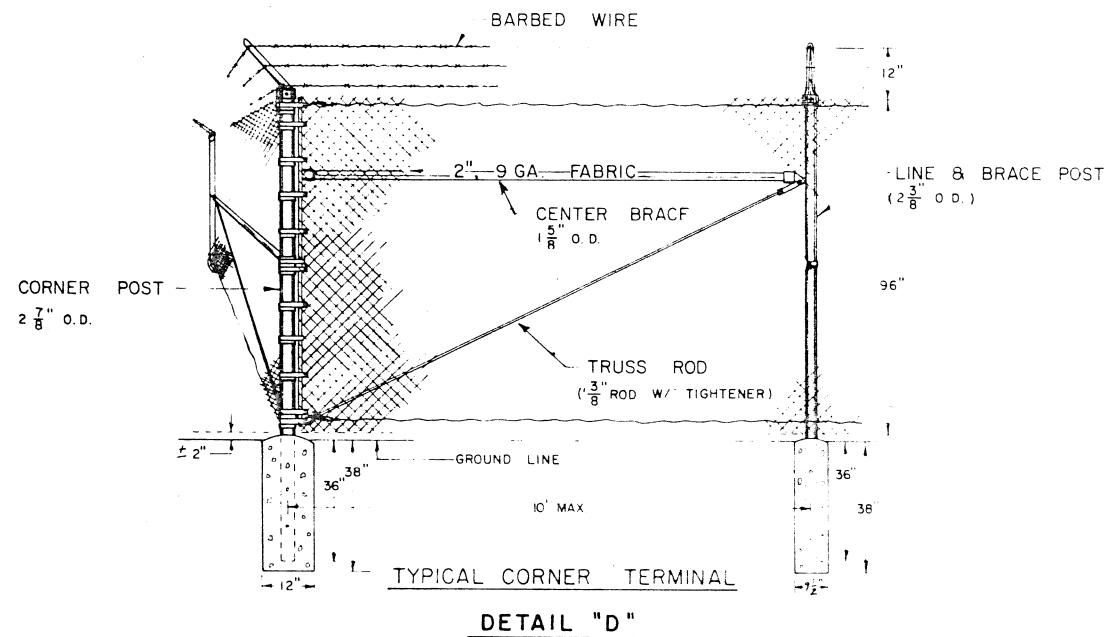
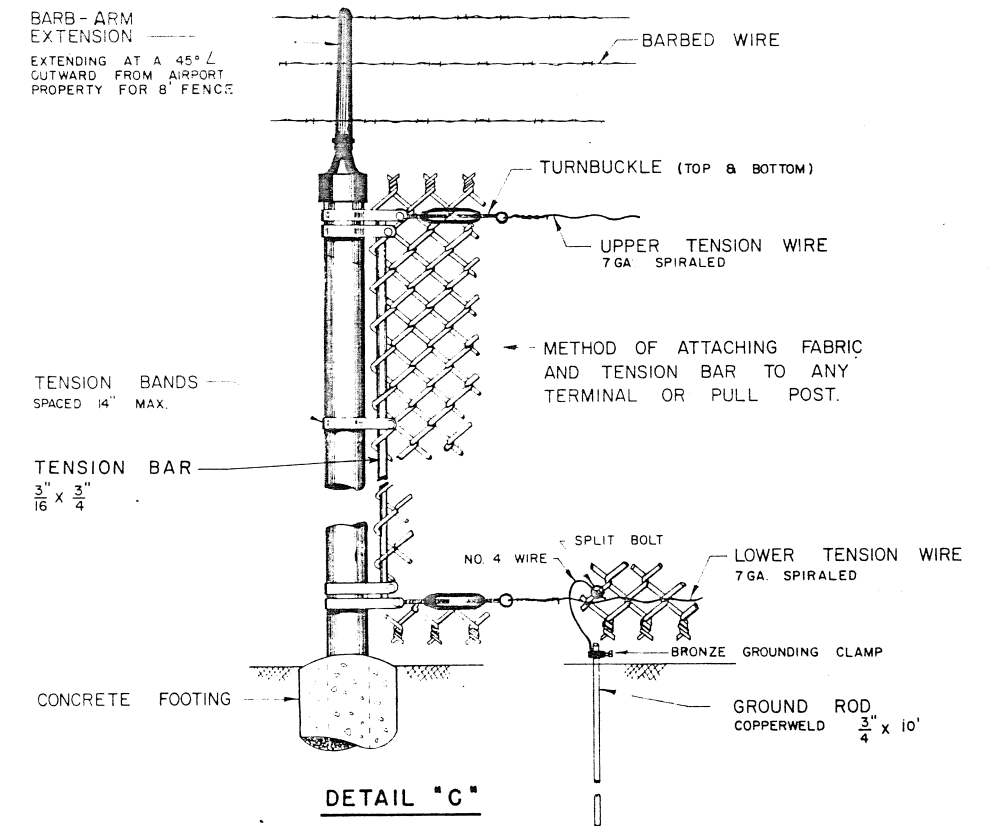
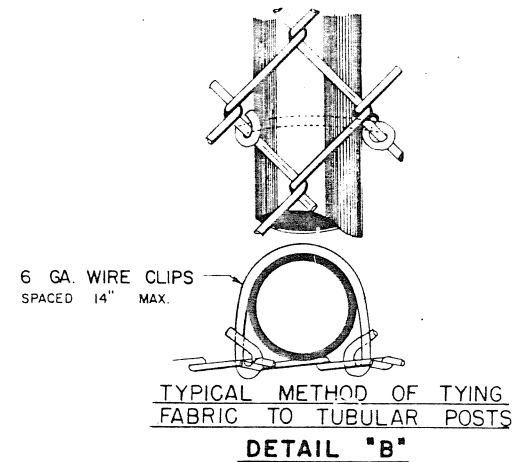
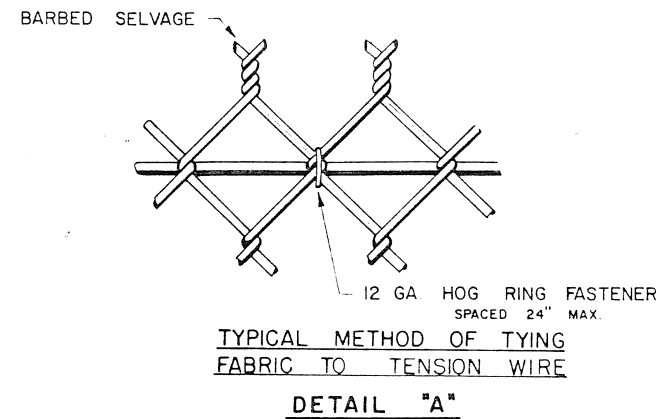
NOTE
 FENCING & GATES BETWEEN WIEN & KODIAK WESTERN WERE CHANGED AT LEASE HOLDERS EXPENSE AFTER BID ITEM WAS COMPLETE. A 4' PEDESTRIAN GATE WAS INSTALLED AT SEAIR AT LEASE HOLDER'S EXPENSE.

- LEGEND**
- X—X— NEW 8' FENCE
 - |—|— NEW CANTILEVER GATE WITH DIRECTION OF SLIDE FOR OPENING
 - |—|— NEW PEDESTRIAN GATE WITH DIRECTION OF SWING
 - UGP— EXISTING UNDERGROUND POWERLINE
 - S— EXISTING SEWER LINE
 - BLDG RESTRICTION LINE

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 DIVISION OF AVIATION—DESIGN AND CONSTRUCTION

DILLINGHAM AIRPORT
 A.D.A.P. NO. 6-02-0078-03
 SECURITY FENCE LOCATION

APPROVED			APPROVED		
JAMES J. RHODE, P.E.			BROOKS H. WADE, P.E.		
CHIEF DESIGN ENGINEER			INTERNATIONAL AIRPORTS ENGINEER		
BY	DATE	CHANGE	DESIGNED	DRAWN	SHEET 27 OF 33
Cnm	4/15/83	AS-BUILT	DATE	DATE	
REVISIONS			1" = 50'	DATE	



NOTES

1. A TYPE 2 SIGN AS SHOWN ON SHEET 30
SHALL BE INSTALLED EVERY 300 FEET
ALONG THE 8 FOOT CHAIN LINK FENCE.
AT LOCATIONS DETERMINED BY THE
ENGINEER.

2. SIGNS SHALL BE MOUNTED WITH 6 GA.
WIRE CLIPS.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION

DILLINGHAM AIRPORT
A.D.A.P. NO. 6-02-0078-03
SECURITY FENCE DETAILS

APPROVED	JAMES D. RHODE, P.E.	CHIEF DESIGN ENGINEER
APPROVED	BROOKS H. WADE, P.E.	INTERNATIONAL AIRPORTS ENGINEER
SCALE	NONE	CHECKED
DATE	4/15/83	DATE
BY	Cnm	DATE
REVISIONS	AS-BUILT	DATE

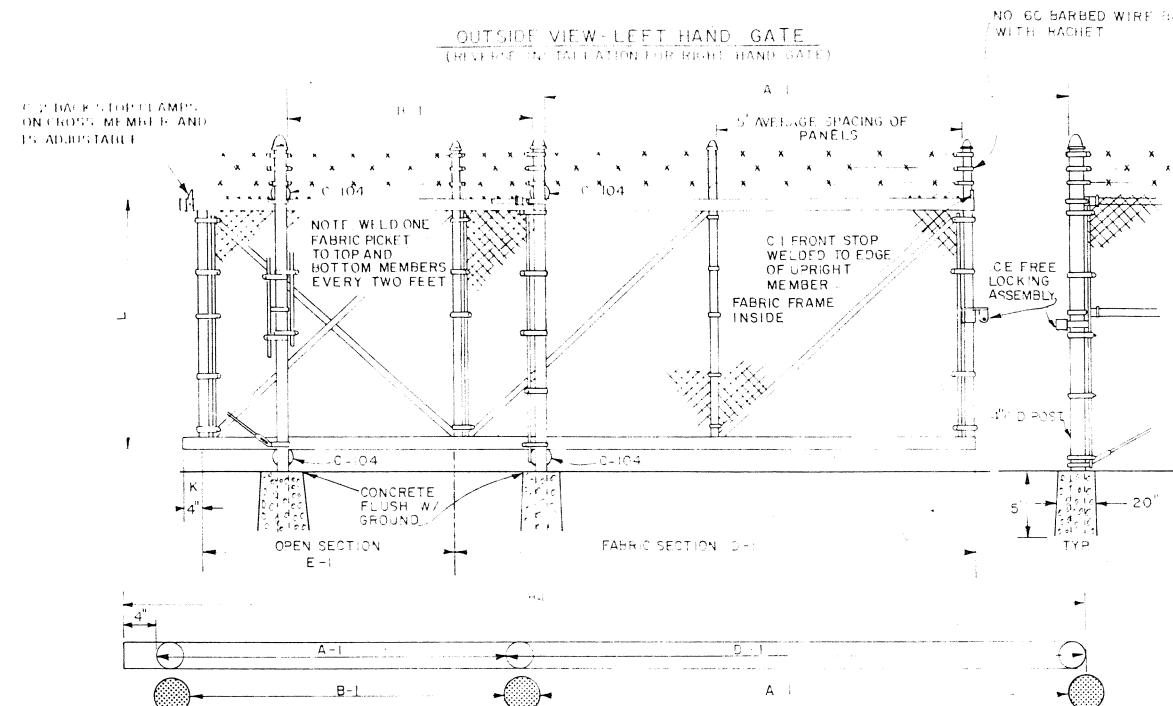
CHART #1
SPECIFICATIONS FOR SINGLE GATES

OPENING	POST HEIGHT	FRAME HEIGHT	FRAME LENGTH	FRAME WIDTH	FRAME DEPTH
6'-0"	4'-0"	11'-2"	6'-6"	4'-4"	4"
8'-0"	4'-0"	13'-2"	8'-6"	4'-4"	4"
10'-0"	5'-0"	16'-2"	10'-6"	5'-4"	4"
12'-0"	6'-0"	19'-2"	12'-6"	6'-4"	4"
14'-0"	7'-0"	22'-2"	14'-6"	7'-4"	4"
16'-0"	8'-0"	25'-2"	16'-6"	8'-4"	4"
18'-0"	9'-0"	28'-2"	18'-6"	9'-4"	4"
20'-0"	10'-0"	31'-2"	20'-6"	10'-4"	4"
30'-0"	15'-0"	46'-2"	30'-6"	15'-4"	4"
32'-0"	16'-0"	49'-2"	32'-6"	16'-4"	4"

CHART #2
SPECIFICATIONS GATE HEIGHTS

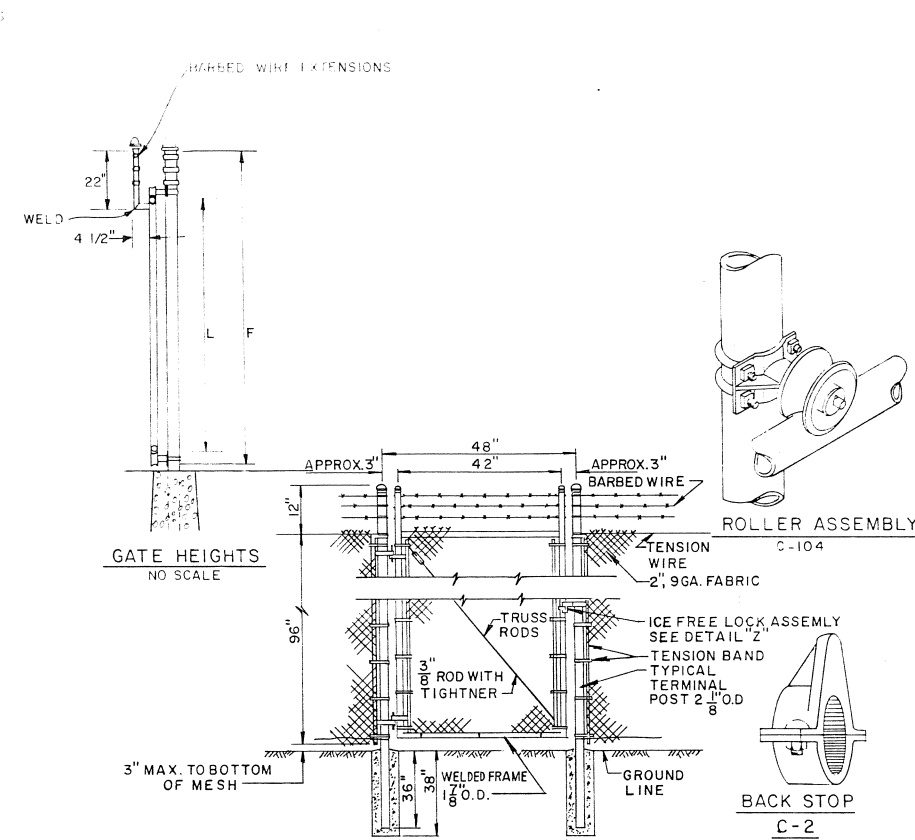
FENCE HEIGHT	POST HEIGHT TO GRADE	FRAME HEIGHT	LENGTH 2" O.D. UPRIGHTS
7'	7'-6"	5'-5 3/4"	5'-1"
8'	8'-6"	6'-5 3/4"	6'-1"
9'	9'-6"	7'-5 3/4"	7'-1"
10'	10'-6"	8'-5 3/4"	8'-1"
12'	12'-6"	10'-5 3/4"	10'-1"

NOTE: ALL FENCE AND GATES INSTALLED UNDER THIS CONTRACT SHALL BE 8 FT. IN HEIGHT.

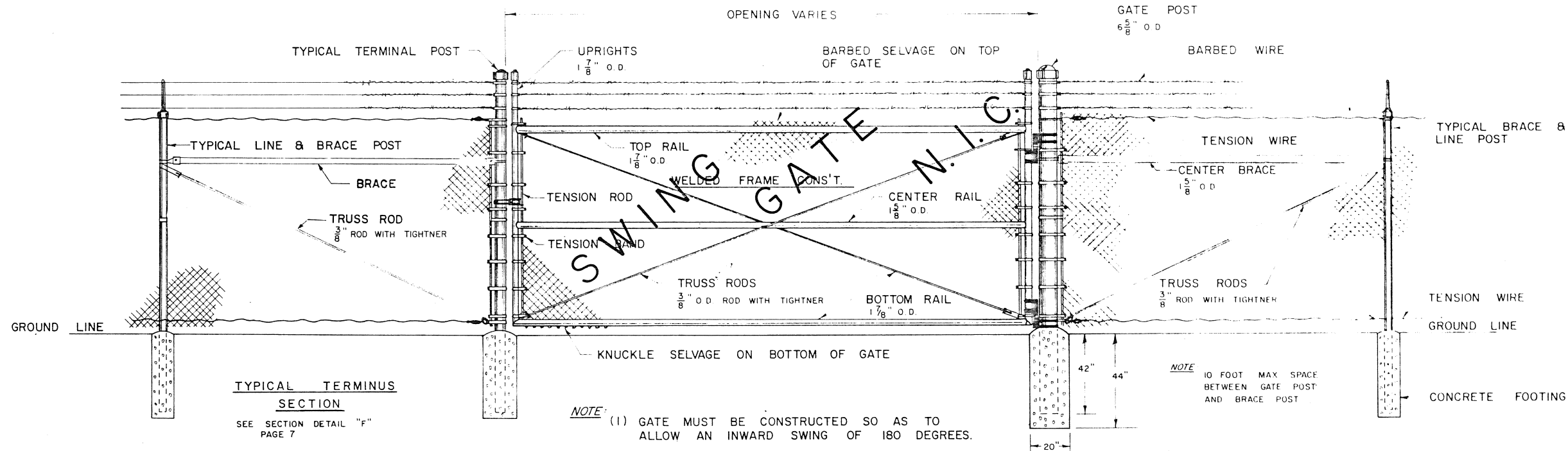
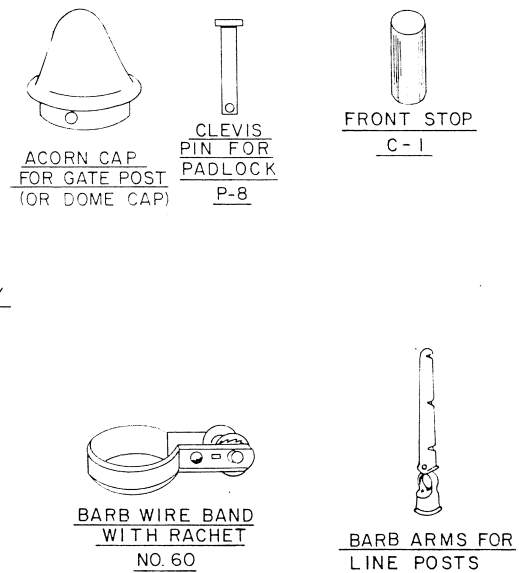


SPECIFICATIONS OF GATE FRAMES
TOP AND BOTTOM MEMBERS - 2 1/2" O.D. PIPE
UPRIGHT MEMBERS - 2" O.D. PIPE
HORIZONTAL AND DIAGONAL BRADS 1 5/8" O.D. PIPE
GATE FRAME MEMBERS SHALL BE SCHEDULE 40 PIPE

TYPICAL CANTILEVER GATE
NO SCALE



TYPICAL PEDESTRIAN GATE
NO SCALE



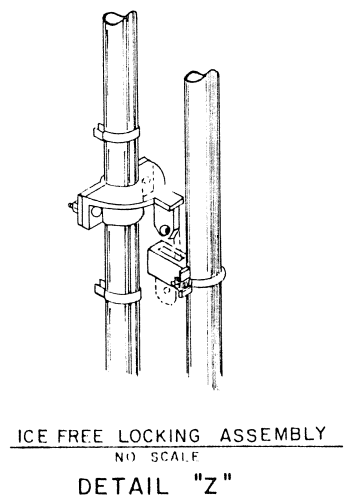
- NOTE:
- (1) GATE MUST BE CONSTRUCTED SO AS TO ALLOW AN INWARD SWING OF 180 DEGREES.
 - (2) ALL GATES SHALL HAVE ICE FREE LOCKING ASSEMBLIES.

TYPICAL SINGLE SWING GATE

DETAIL "S"

NOTES:

1. TYPE 1 SIGNS AS SHOWN ON SHEET 30 SHALL BE PLACED IN CENTER OF ALL DRIVE GATES INSTALLED UNDER THIS CONTRACT.
2. TYPE 1 SIGNS SHALL BE PLACED ON THE FENCE ADJACENT TO ALL PEDESTRIAN GATES. THE SIGNS SHALL BE IN THE CENTER OF THE FENCE.

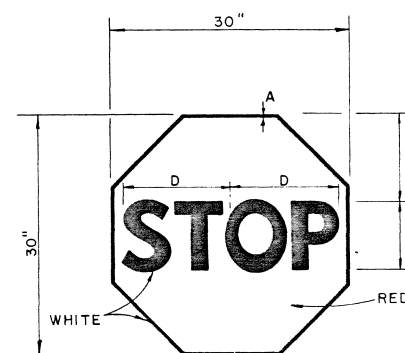


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION
DILLINGHAM AIRPORT
A.D.A.P. NO. 6-02-0078-03
SECURITY FENCE GATE DETAILS

APPROVED		APPROVED		APPROVED		APPROVED	
JAMES M. RHODE, P.E.		BROOKS WADE, P.E.		INTERNATIONAL AIRPORTS ENGINEER		SHEET 29 OF 33	
BY	DATE	DESIGNED	DATE	CHECKED	DATE	SCALE	AS SHOWN
Chm	4/15/83	AS-BUILT					
REVISIONS							

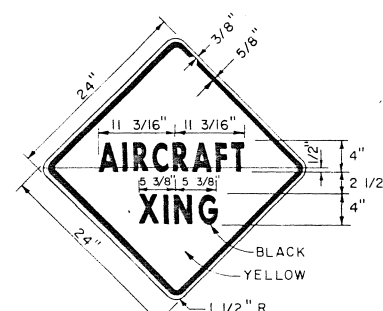


TYPE 1



TYPE 3

DIMENSIONS (INCHES)				
SIGN	A	B	C	D
30"	3/4	10	10	12 1/2



TYPE 4



TYPE 5

SEE NOTE # 8



TYPE 6

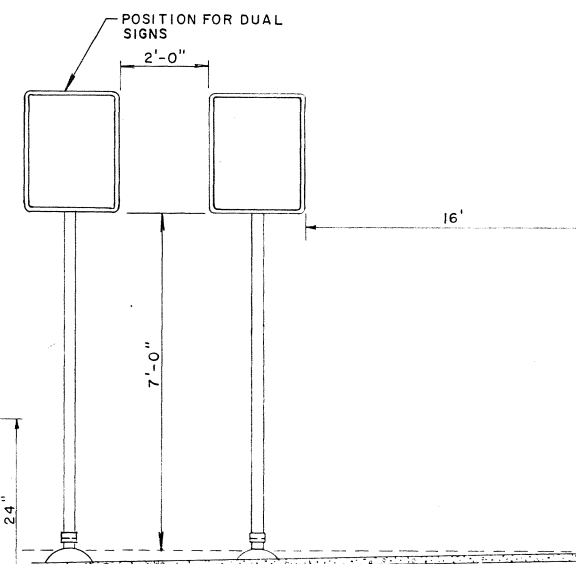
NOTE:

THE TYPE 6 SIGN SHALL HAVE THE COLOR AND SIZE OF THE TYPE 2 SIGN WITH ONLY THE FOLLOWING LETTERING: "NO AIRPORT ACCESS".

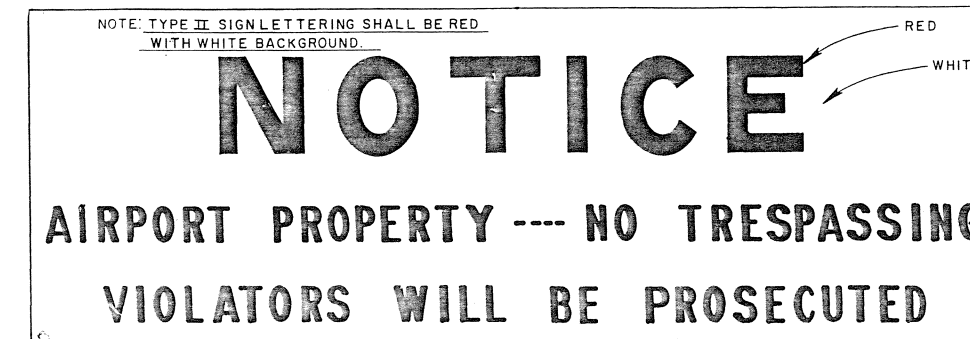
NOTES:

1. DETAILS SHOWN ARE TO INDICATE GENERAL DESIGN ONLY. DIMENSIONS AND DESIGN MAY VARY AMONG THE MANUFACTURERS.
2. PIPE AND TUBE POST SHALL HAVE A WEATHER TIGHT CAP.
3. TOP OF POST, MOUNTING BRACKETS, ETC, SHALL HAVE A MINIMUM CLEARANCE OF 3" FROM TOP EDGE OF SIGN.
4. ALL SIGN MOUNTING FASTENERS ON SIGN FACE SHALL BE PAINTED AS CLOSELY AS POSSIBLE IN MATCHING COLOR TO SIGN FACE.
5. ALL SIGNS, ZEES AND BRACES MOUNTED TO THE POSTS SHALL BE ATTACHED WITH 5/16" BOLTS.
6. ALL STEEL NUTS, BOLTS AND WASHERS SHALL BE GALVANIZED TO A.S.T.M. A-153.
7. ALL ALUMINUM NUTS, BOLTS AND WASHERS SHALL BE ANODIZED.
8. SIGNS WITH HORIZONTAL DIMENSION OF 48" OR LARGER REQUIRE 2 POST MOUNTING.
9. FASTENER SPECIFICATION TABLE:

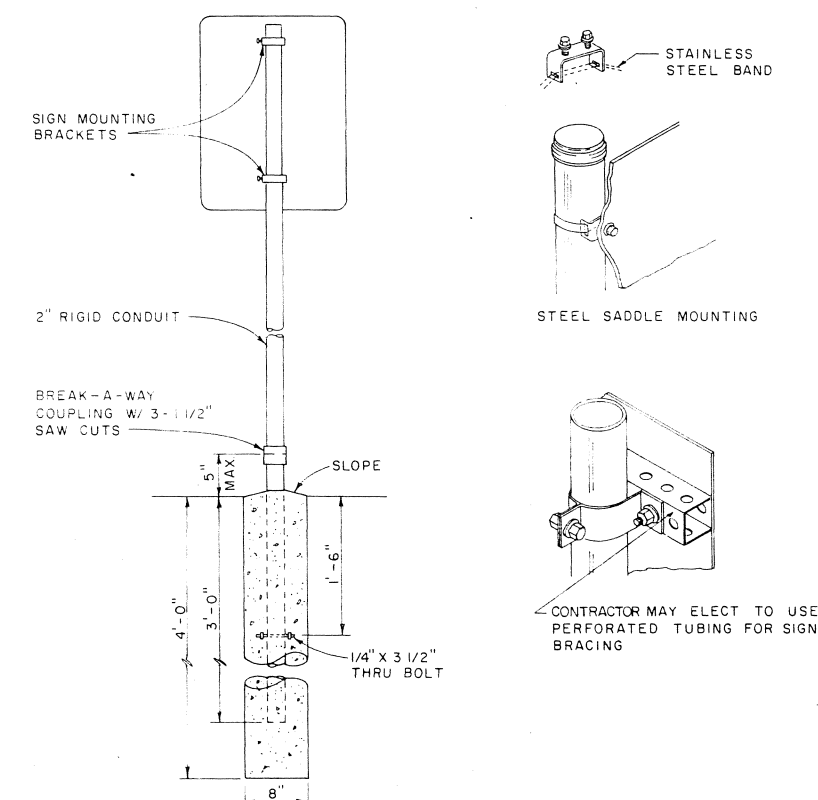
FASTENERS		ALUMINUM	STEEL	STAINLESS STEEL
BOLTS	MACHINE CARRIAGE "U"	2024-T4	A-307	A-276
NUTS	REGULAR LOCK	6061-T6 2017-T4	A-307	A-276
WASHERS		2024-T4	A-36	A-276



TYPICAL POSITION OF SIGNS
EXCEPT AS NOTED



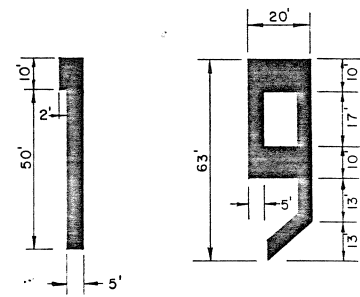
TYPE 2



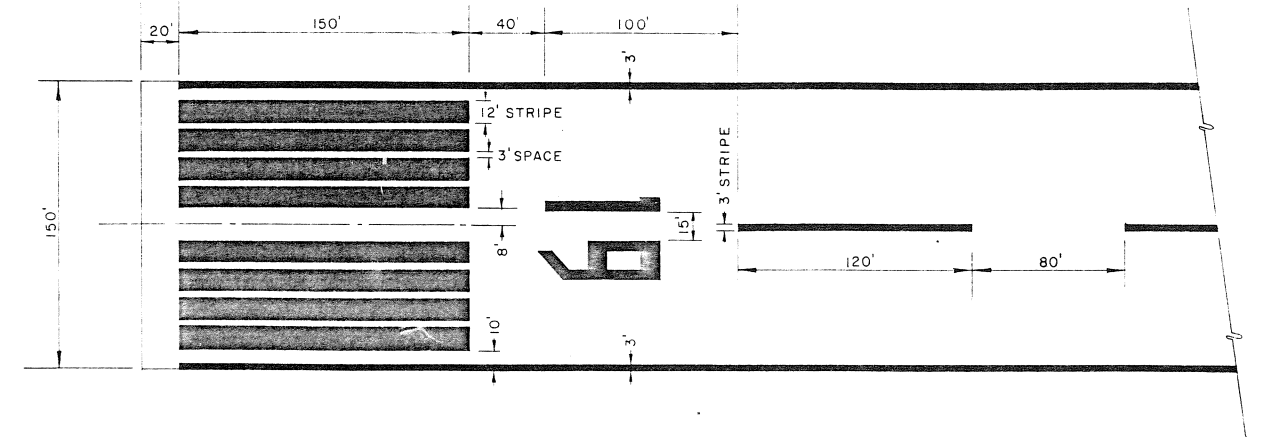
TYPICAL SIGN POST INSTALLATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION
DILLINGHAM AIRPORT
A.D.A.P. NO. 6-02-0078-03
SIGNING

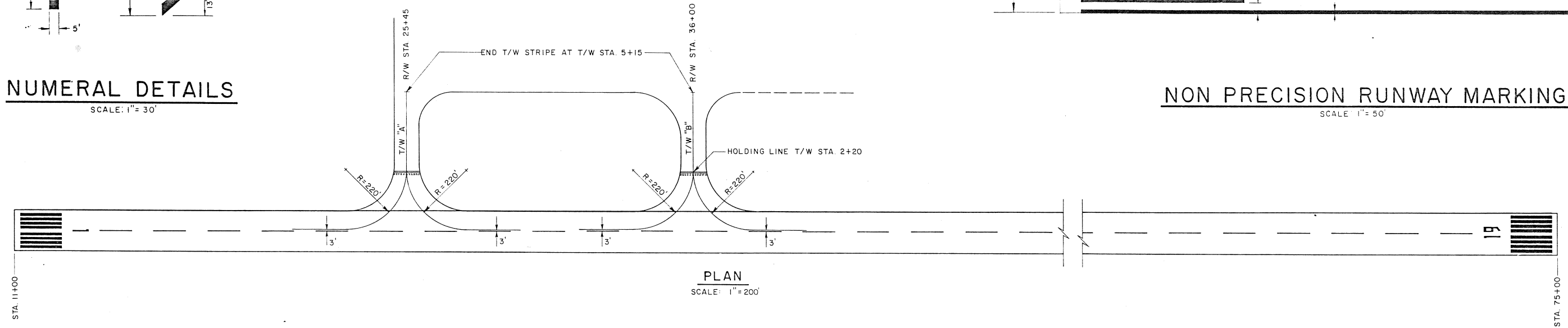
APPROVED	<i>James A. Rhode</i>	CHIEF DESIGN ENGINEER
APPROVED	<i>Brooks H. Wade</i>	INTERNATIONAL AIRPORTS ENGINEER
DESIGNED	BY <i>CMK</i> 4/15/83	AS-BUILT
CHECKED	DATE <i>7-27-80</i>	
SCALE	NONE	
REVISIONS		



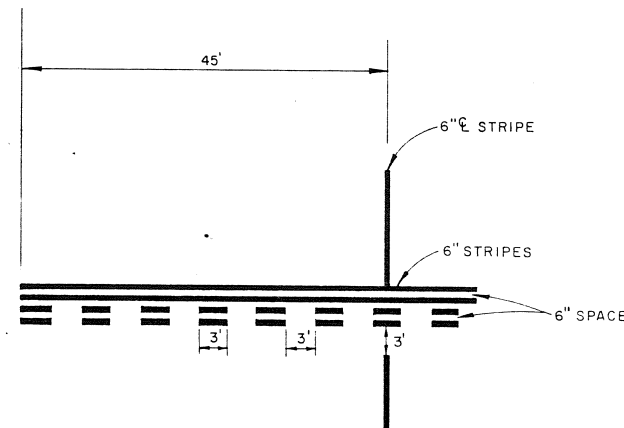
NUMERAL DETAILS
SCALE: 1" = 30'



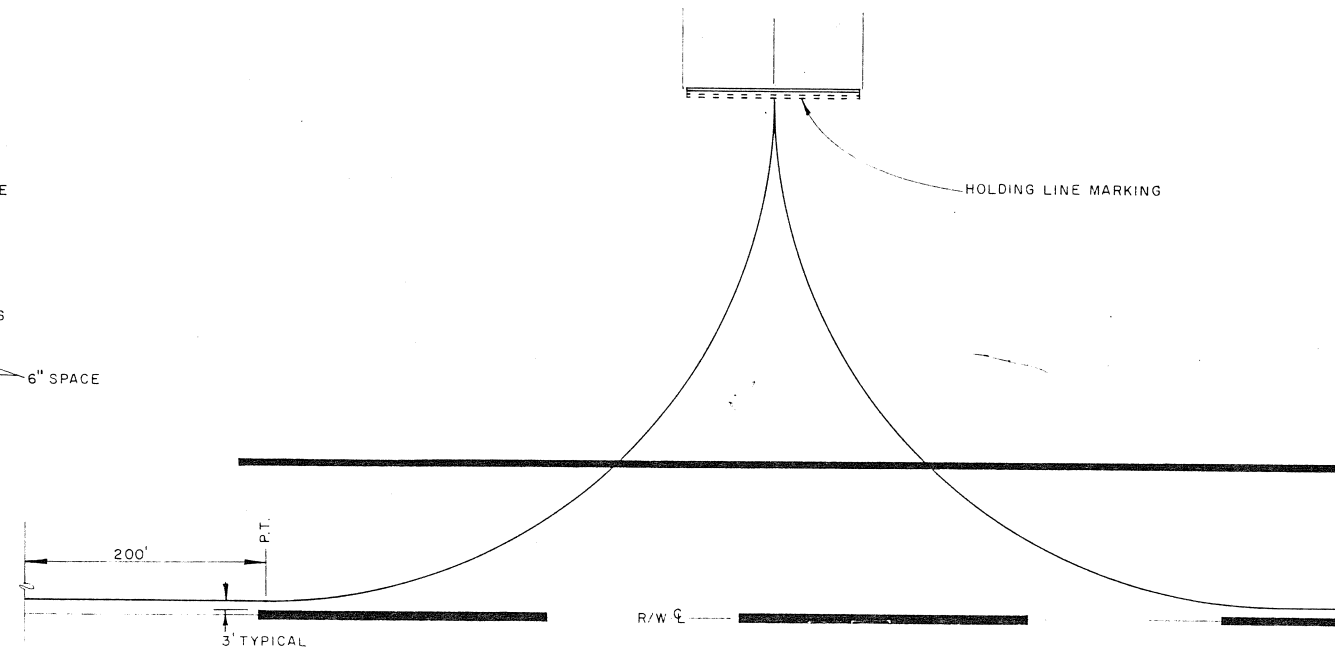
NON PRECISION RUNWAY MARKING
SCALE: 1" = 50'



PLAN
SCALE: 1" = 200'



**HOLDING LINE MARKER &
CENTERLINE STRIPE DETAIL**
NO SCALE



TAXIWAY MARKING DETAILS

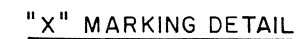
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION-DESIGN AND CONSTRUCTION			
DILLINGHAM AIRPORT A.D.A.P. NO. 6-02-0078-03 AIRPORT MARKING PLAN			
APPROVED	James J. Rhode, P.E. CHIEF DESIGN ENGINEER		
APPROVED	Brooks H. Wade INTERNATIONAL AIRPORTS ENGINEER		
BY	DATE	CHANGE	REVISIONS
enm	4/15/83	AS-BUILT	
AS SHOWN	CHECKED	DATE	SHEET 31 OF 33

1. EACH L-857 LIGHTBASE WAS EXTENDED TO THE FINISH GRADE AND REASSEMBLED.
2. LIFT-A-LIGHTS INSTALLED ON ALL R/W & T/W LIGHTS.


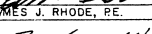





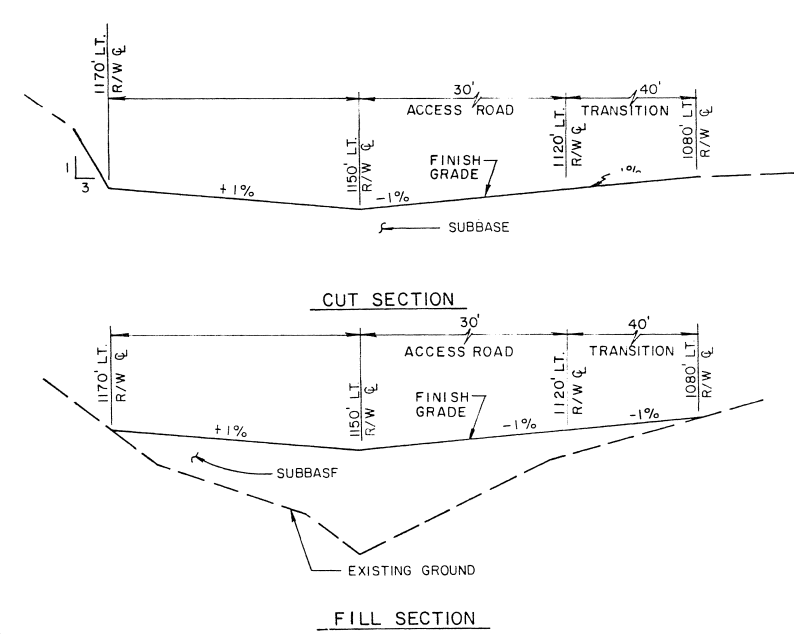
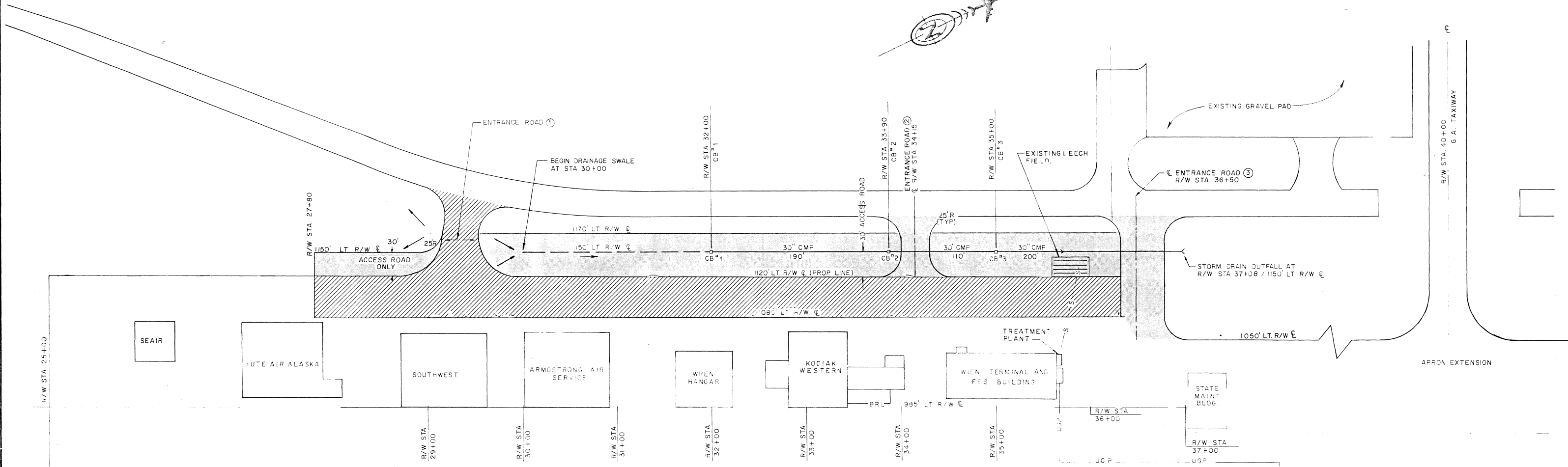
- [illegible]

				APPROVED	<i>James J. Rhode</i>	
				JAMES J. RHODE	PE	CHIEF DESIGN ENGINEER
				APPROVED	<i>Brooks H. Wade</i>	
				BROOKS H. WADE		INTERNATIONAL AIRPORTS ENGINEER
Cnm	4/15/87	AS-BUILT				
BY	DATE	CHANGE				
REVISIONS						
SCALE				DESIGNED	DRAWN	
1"=100'				CHECKED	DATE	
				<i>B.H.</i>	<i>4-23-88</i>	SHEET 32 of 33



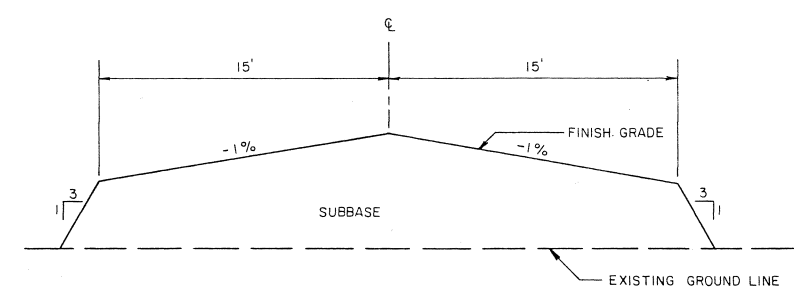
1. ALL MAIN LINE PIPES AND STANDPIPES STANDARD GALVANIZED STEEL PIPE ASTM A-120-69 WITH STANDARD GALVANIZED FITTINGS.
2. HEIGHT OF ALL STANDPIPES 1/2 THE HEIGHT OF CULVERT COVER OR 5', WHICHEVER IS LESS, UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MAIN LINE AND STANDPIPES LIQUID TIGHT AND FILLED WITH 50-50 ANTIFREEZE - WATER SOLUTION.
4. STANDPIPE BRACES FIELD BENT AND ATTACHED TO CULVERT WITH STANDARD STRUCTURAL PLATE PIPE BOLTS.

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES DIVISION OF AVIATION—DESIGN AND CONSTRUCTION			
DILLINGHAM AIRPORT A.D.A.P. NO. 6-02-0078-03 C.M.P., THAW PIPE AND "X" MARKING			
APPROVED 	JAMES J. RHODE, PE.		
APPROVED 	CHIEF DESIGN ENGINEER		
BROOKS H. WADE, PE.		INTERNATIONAL AIRPORTS ENGINEER	
SCALE AS SHOWN	DESIGNED 	DRAWN 	DATE 9-29-80
CHECKED 			SHEET 33 OF 33



NEW ACCESS ROAD TYPICAL SECTIONS
NO SCALE

PLAN
SCALE: 1" = 50'



ENTRANCE ROAD 2
NO SCALE

- NOTES**
- SEE SHEET 28 FOR FENCING ON WEST SIDE OF RUNWAY.
 - SEE SHEET 4 FOR FENCING ON EAST SIDE OF RUNWAY.

- UGP— EXISTING UNDERGROUND POWERLINE
—S— EXISTING SEWER LINE
--- BUILDING RESTRICTION LINE

- CHANGE ORDER NO. 1**
LEGEND
- NEW ACCESS ROAD, ENTRANCE ROADS,
 - TRANSITION AREA-MINOR CUTS AND FILLS

CHANGE ORDER NO. 1
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
DIVISION OF AVIATION-DESIGN AND CONSTRUCTION

DILLINGHAM AIRPORT
A.D.A.P. NO. 6-02-0078-03

NEW ACCESS ROAD AND TYPICAL SECTIONS

James J. Rhode, P.E. CHIEF DESIGN ENGINEER
Brooks H. Wade, P.E. CENTRAL REGION ENGINEER

AS-BUILT 4/83

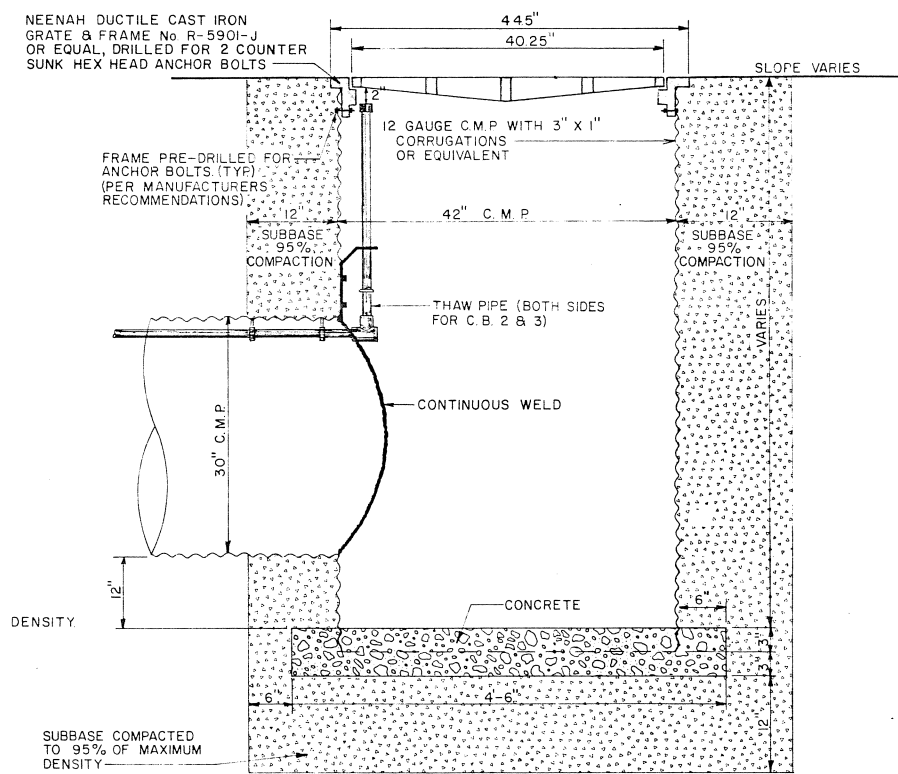
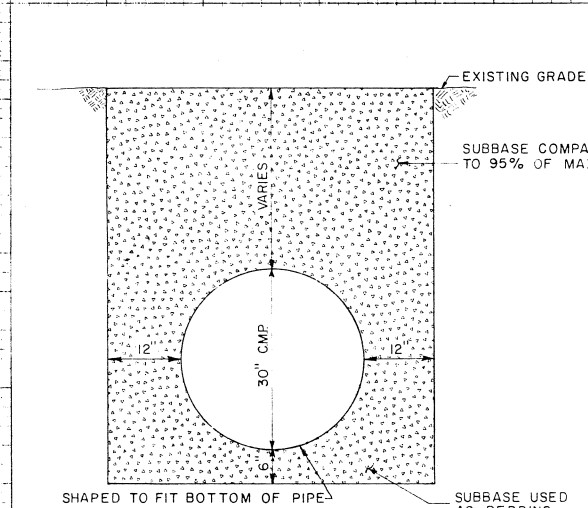
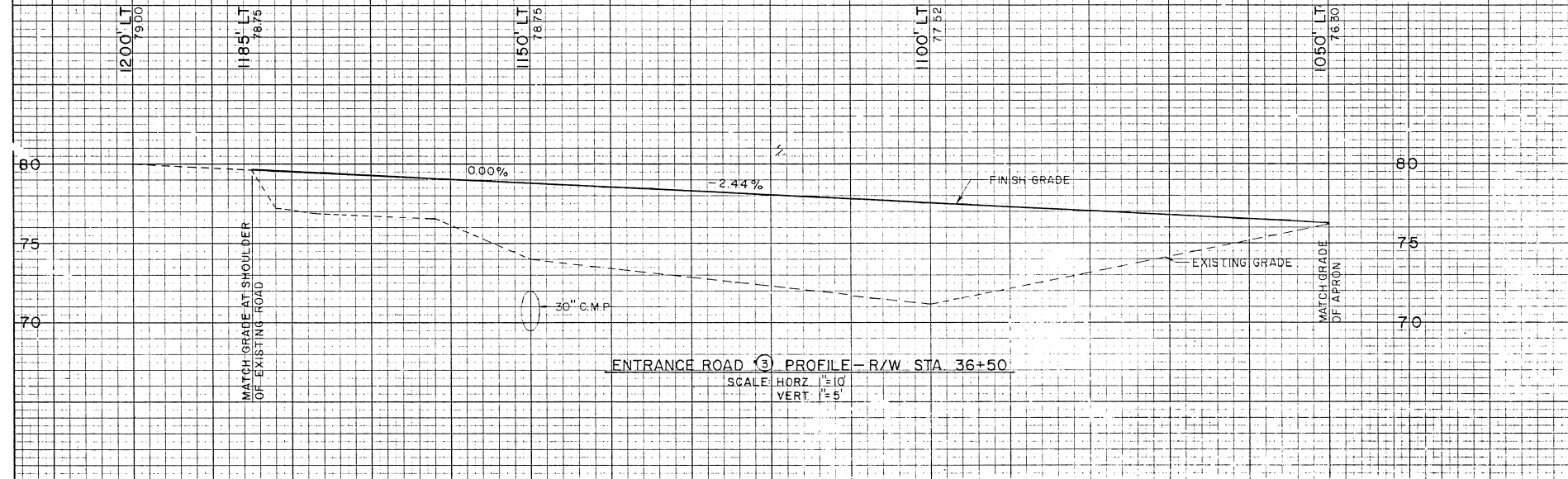
DATE: 4/15/83

REVISIONS:

AS SHOWN

SHEET 1 OF 2

ORIGINAL SURVEY		BY	DATE
SURVEYED _____			
PLOTTED _____			
NOTE BOOK _____			
TEMPLATE _____			
AREAS _____			
AREAS CHECKED _____			



CATCH BASIN DETAIL
NO SCALE

			APPROVED <i>James J. Rhode</i>			CHIEF DESIGN ENGINEER		
			JAMES J. RHODE, PE					
			APPROVED <i>Brooks Wade</i>			CENTRAL REGION DESIGN ENGINEER		
			BROOKS WADE, PE					
Cnm	4/18/83	AS - BUILT						
BY	DATE	CHANGE						
REVISIONS			SCALE	DESIGN	DRAWN	SHEET 2 OF 2		
			AS SHOWN	CHECKED <i>LB</i>	DATE <i>4-19-81</i>			