

AS-BUILT  
~~CONSTRUCTION~~ PLANS FOR  
**DILLINGHAM AIRPORT**

GENERAL AVIATION APRON EXPANSION

PROJECT 57978

1991

AIRPORT IMPROVEMENT PROGRAM  
A.I.P. 3-02-0078-06

SPONSORED BY THE STATE OF ALASKA

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
DESIGN AND CONSTRUCTION CENTRAL REGION

AS-BUILT

APPROVED Richard A. Briggs  
RICHARD A. BRIGGS, P.E.

DATE 1-27-93  
AVIATION CONSTRUCTION  
ENGINEER

APPROVED Keith R. Morberg DATE 6/27/91  
KEITH R. MORBERG, P.E. CHIEF OF DESIGN

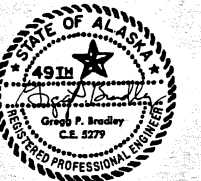
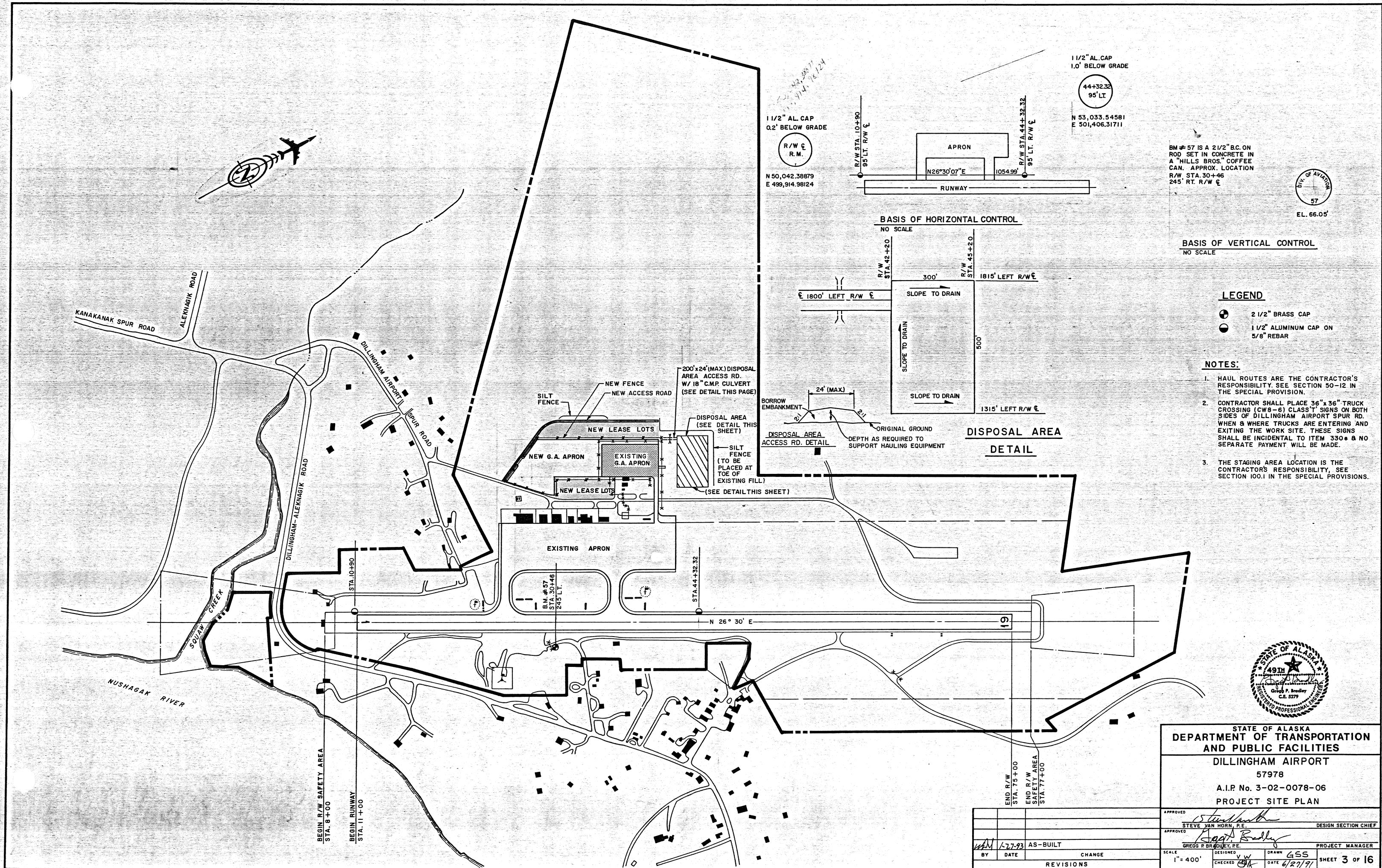
APPROVED Boyd J. Brownfield DATE 6/27/91  
BOYD J. BROWNFIELD, P.E. DIRECTOR, DESIGN AND CONSTRUCTION

DILLINGHAM AIRPORT

SHT. 1 of 16 57978







STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DILLINGHAM AIRPORT  
57978  
A.I.P. No. 3-02-0078-06  
PROJECT SITE PLAN

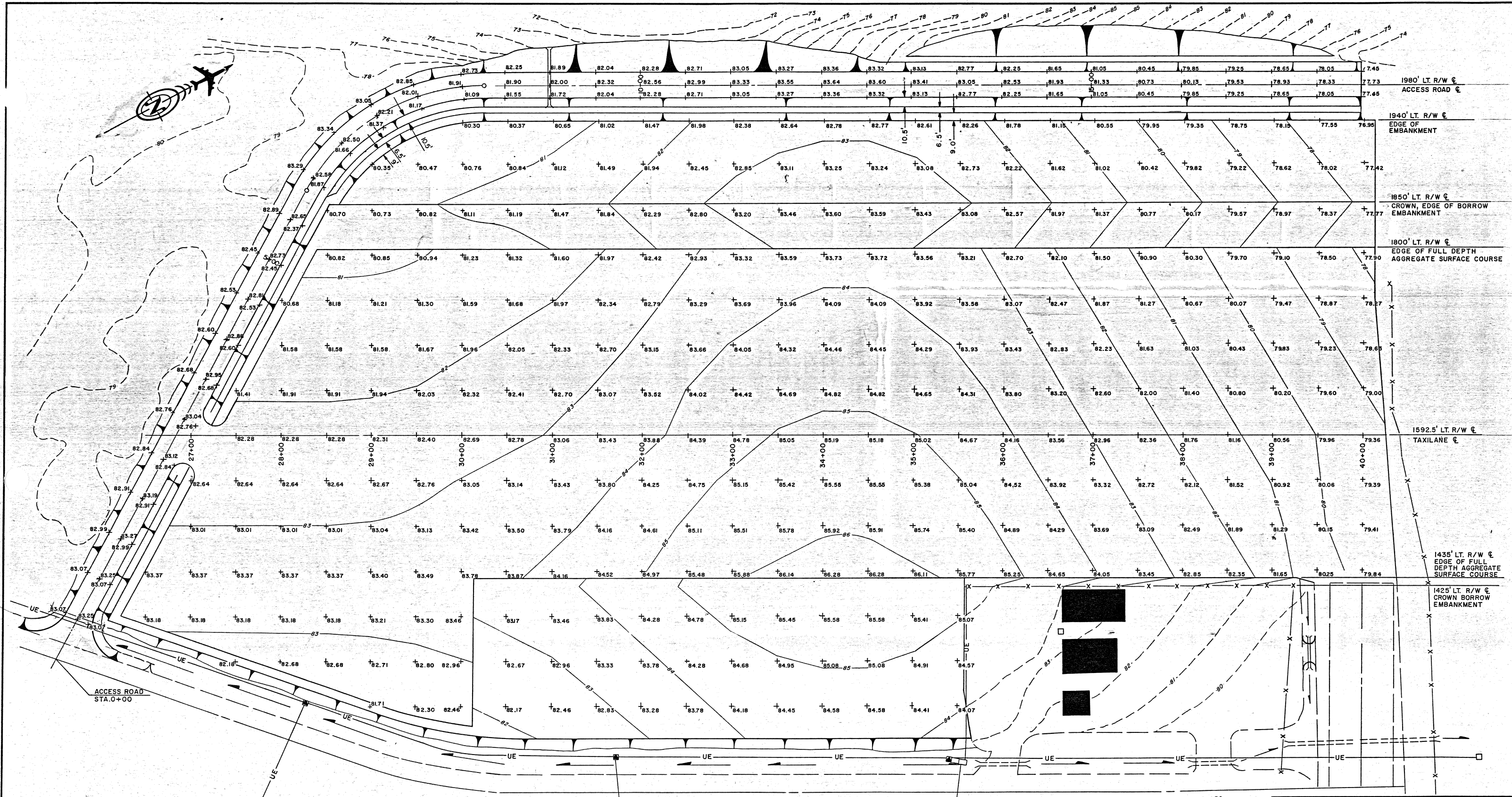
APPROVED	<i>Steve Van Horn</i>	DESIGN SECTION CHIEF
APPROVED	<i>Greg P. Bradley</i>	PROJECT MANAGER
DESIGNED	V.W.	DRAWN
CHECKED	W.K.	DATE

BY	DATE	CHANGES
1/27/93	AS-BUILT	
SCALE	1" = 400'	
REVISIONS		

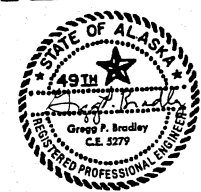








NOTE:  
ALL FINISH GRADE ELEVATION ARE  
0.3' LOWER THAN NOTED ON THIS  
SHEET.



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DILLINGHAM AIRPORT  
57978  
A.I.P. No. 3-02-0078-06  
GRADING PLAN

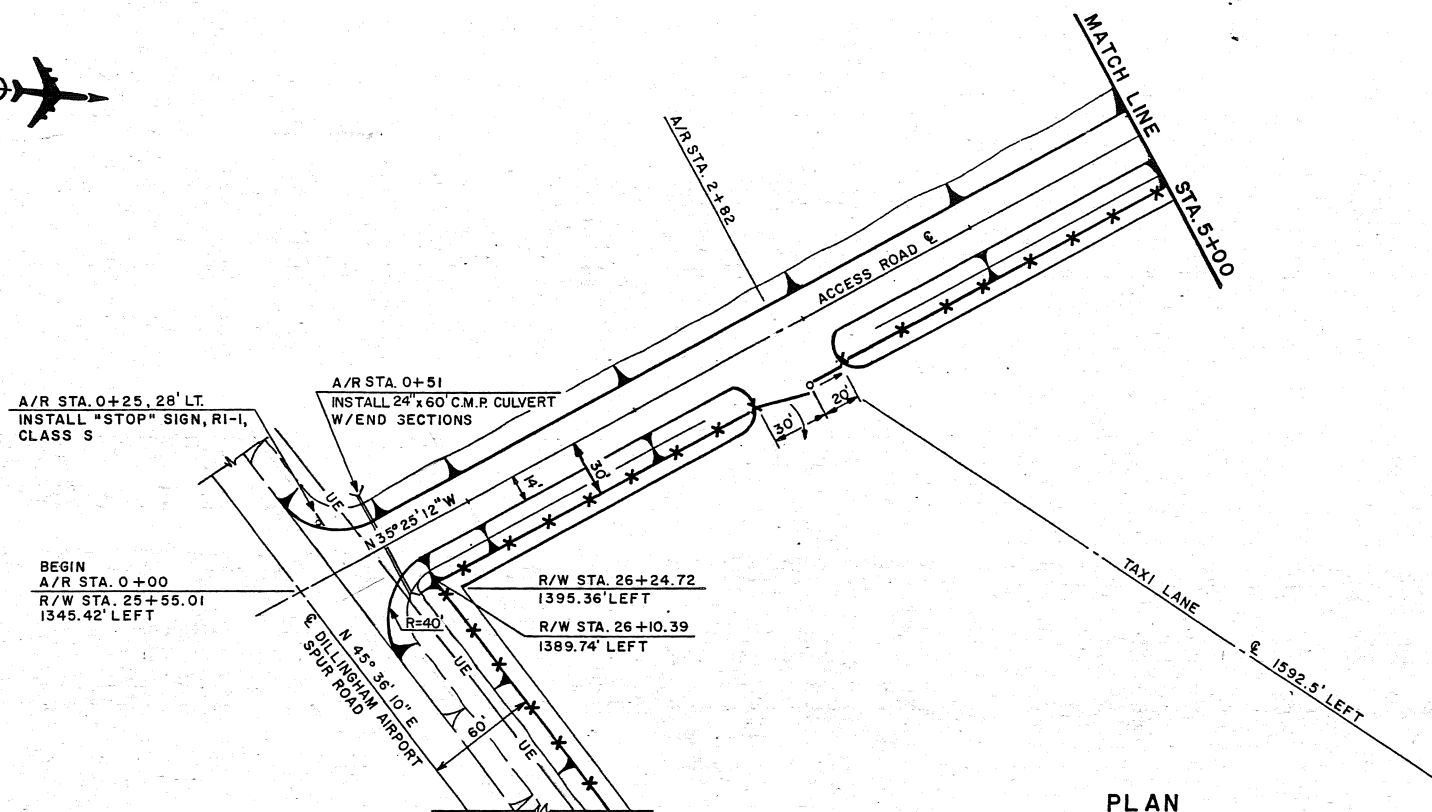
APPROVED			APPROVED		
STEVE VAN HORN, RE.			DESIGN GROUP CHIEF		
APPROVED			APPROVED		
GREGG P. BRADLEY, P.E.			PROJECT MANAGER		
SCALE	DESIGNED	DRAWN	CHECKED	DATE	SHEET
1" = 50'	Y.W.	6/27/91	Y.W.	6/27/91	5 OF 16



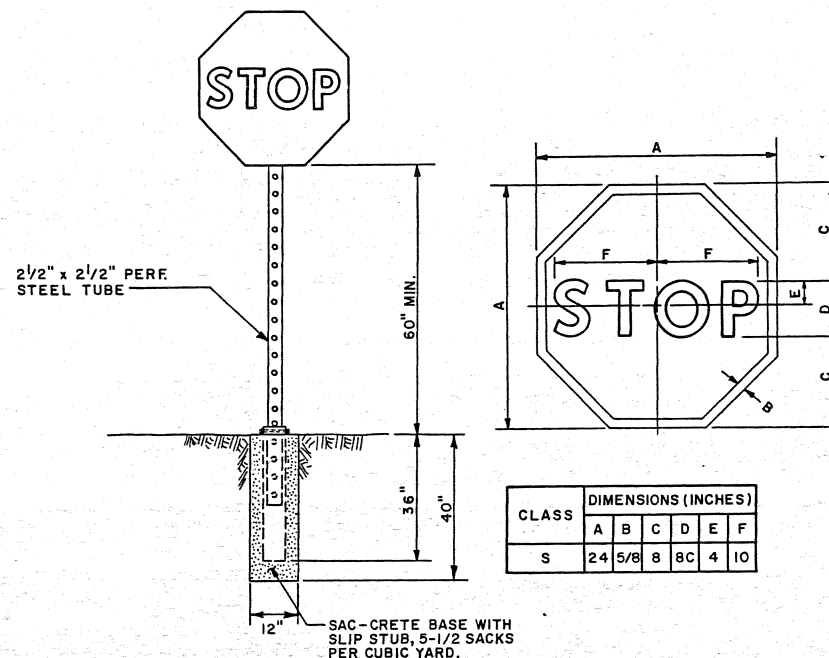


PLAN  
NOTE BOOK  
NO.

PROFILE  
NOTE BOOK  
NO.

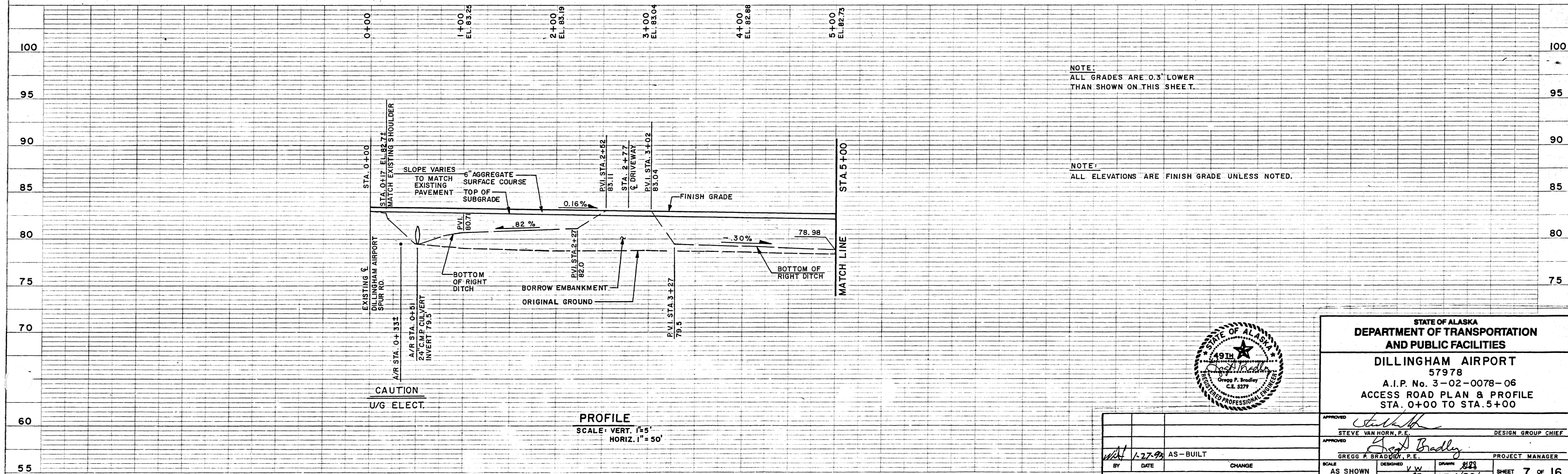


PLAN  
SCALE: 1" = 50'

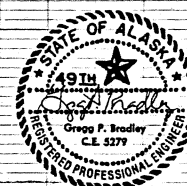


STOP SIGN DETAILS  
NO SCALE

1. TOP OF POST, MOUNTING BRACKETS SHALL HAVE A MINIMUM CLEARANCE OF 3" FROM TOP EDGE OF SIGN.
  2. ALL SIGN MOUNTING FASTENERS ON SIGN FACE SHALL BE PAINTED AS CLOSELY AS POSSIBLE IN MATCHING COLOR TO SIGN FACE.
  3. ALL SIGN, ZEES, AND BRACES MOUNTED TO THE POST SHALL BE ATTACHED WITH 5/16" BOLTS.
  4. ALL ALUMINUM NUTS, BOLTS, AND WASHERS SHALL BE ANODIZED.
  5. FASTENER SPECIFICATION TABLE - 3 FASTENERS PER SIGN.
- |         |                    | ALUMINUM | STEEL | STAINLESS STEEL |
|---------|--------------------|----------|-------|-----------------|
| BOLTS   | MACHINE & CARRIAGE | 2024-T4  | A-307 | A-276           |
| NUTS    | REGULAR            | 6061-T6  | A-307 | A-276           |
|         | LOCK               | 2017-T4  |       |                 |
| WASHERS |                    | 2024-T4  | A-36  | A-276           |
3. SIGN SHAPES & COLORS SHALL CONFORM TO THE ALASKA TRAFFIC MANUAL, ALASKA SIGN DESIGN SPECIFICATIONS, AND ALASKA STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION.



PROFILE  
SCALE: VERT. 1" = 5'  
HORIZ. 1" = 50'



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DILLINGHAM AIRPORT  
57978  
A.I.P. No. 3-02-0078-06  
ACCESS ROAD PLAN & PROFILE  
STA. 0+00 TO STA. 5+00

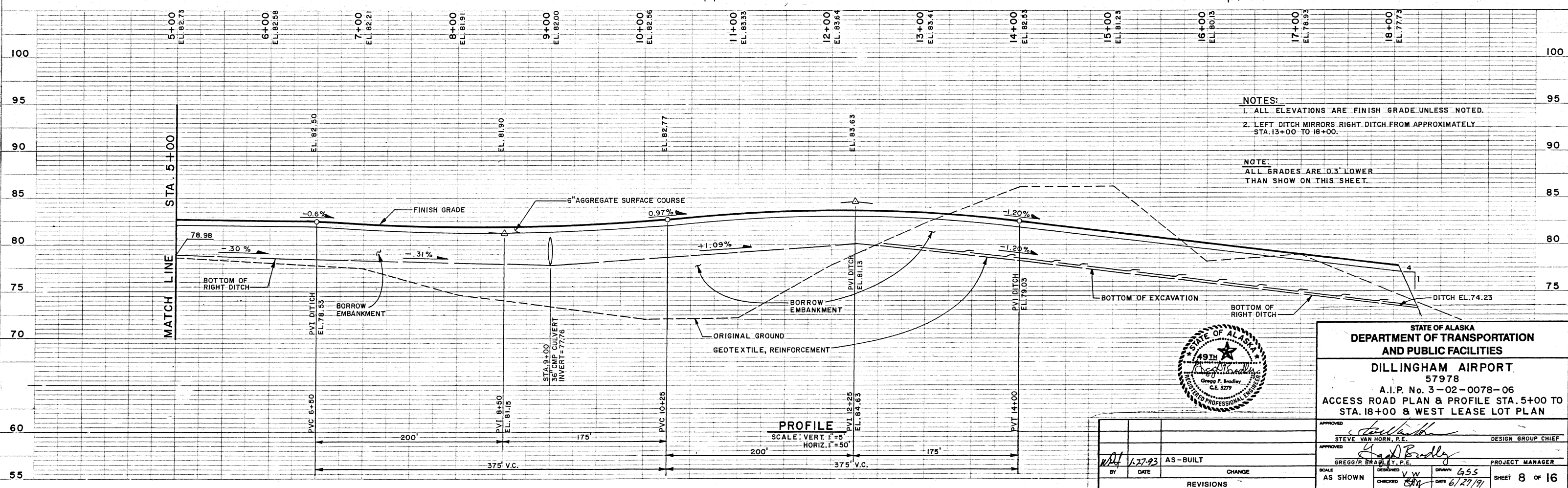
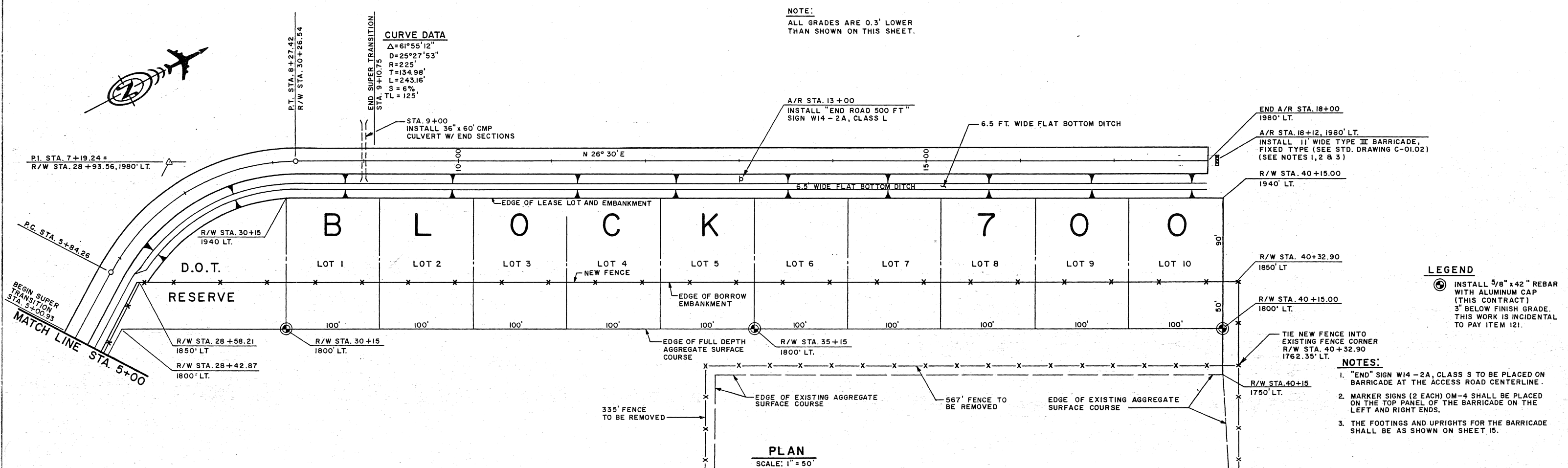
APPROVED	Steve Van Horn, P.E.	DESIGN GROUP CHIEF
APPROVED	Gregg P. Bradley, P.E.	PROJECT MANAGER
BY	DATE	CHANGE
1-27-93	AS-BUILT	
SCALE	AS SHOWN	DESIGNED V.W. DRAWN 8/23
CHECKED	DATE 6/27/91	SHEET 7 OF 16
REVISIONS		

AS-BUILT 1/93 SHEET 7 OF 18

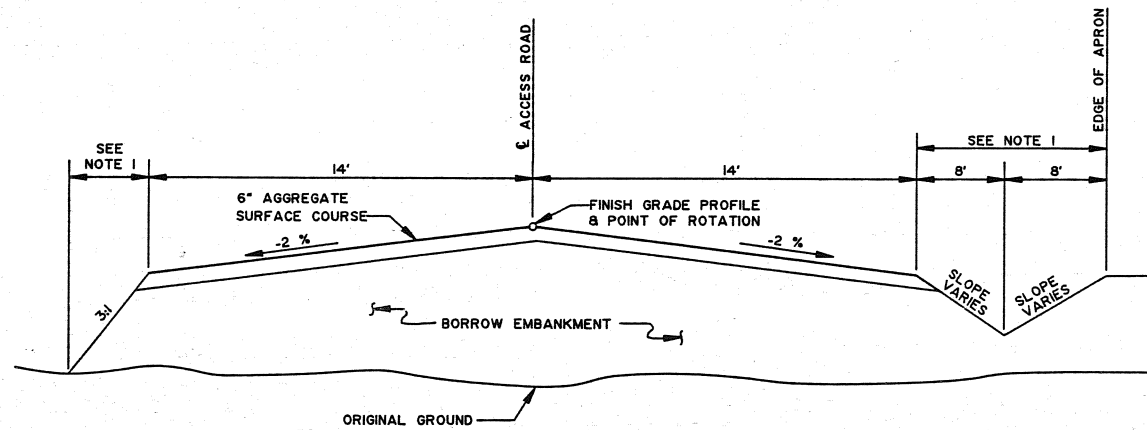
NOTE BOOK  
NO.

NOTE BOOK  
NO.

NOTE BOOK  
NO.

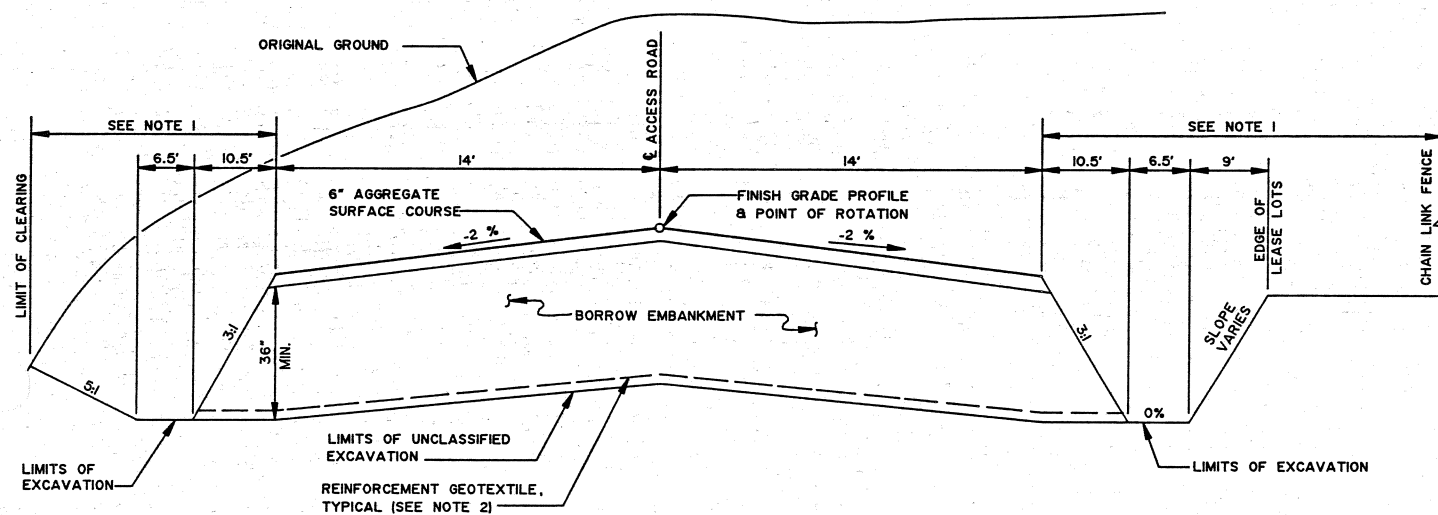






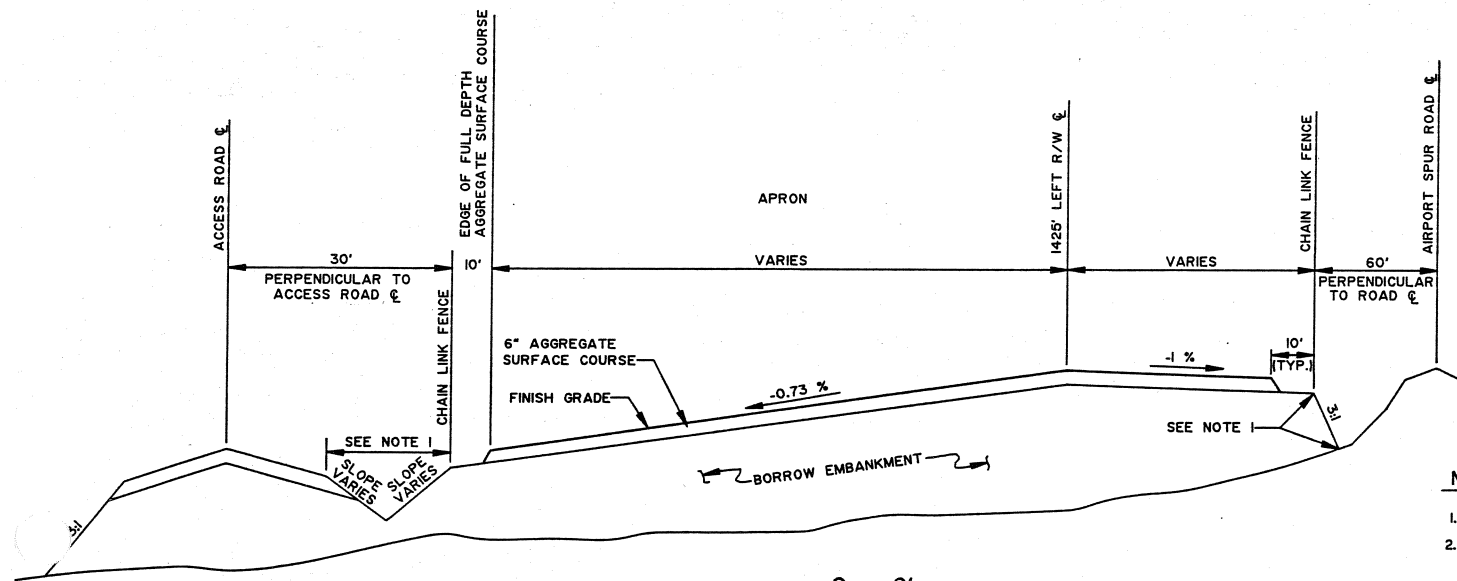
A - A'

TYPICAL ACCESS ROAD - FILL SECTION (SEE SHEET 7 AND 8)  
[ACCESS ROAD STA. 00+00 TO STA. 5+84]



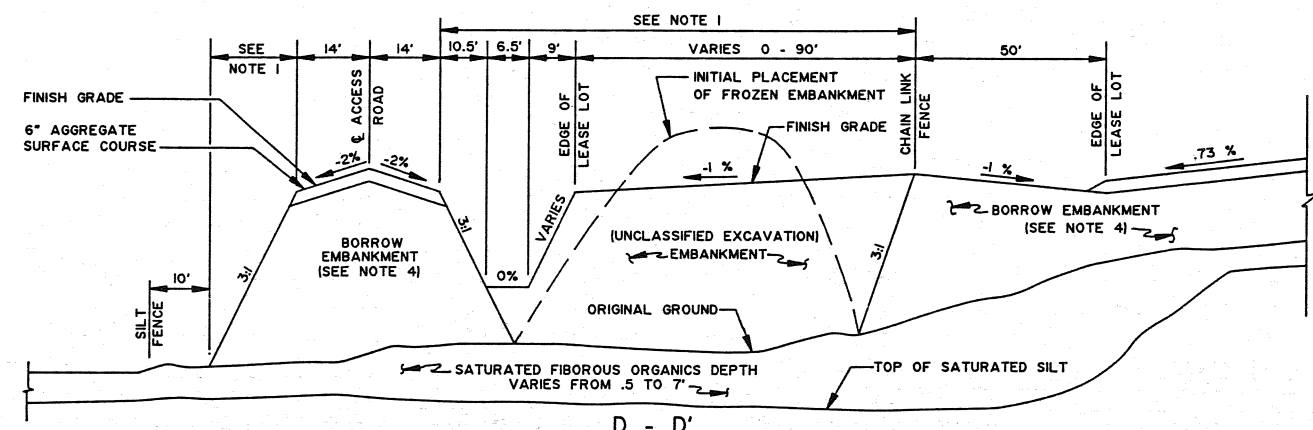
B - B'

TYPICAL ACCESS ROAD - CUT SECTION (SEE SHEET 8)  
[ACCESS ROAD STA. 13+00 TO STA. 17+50]



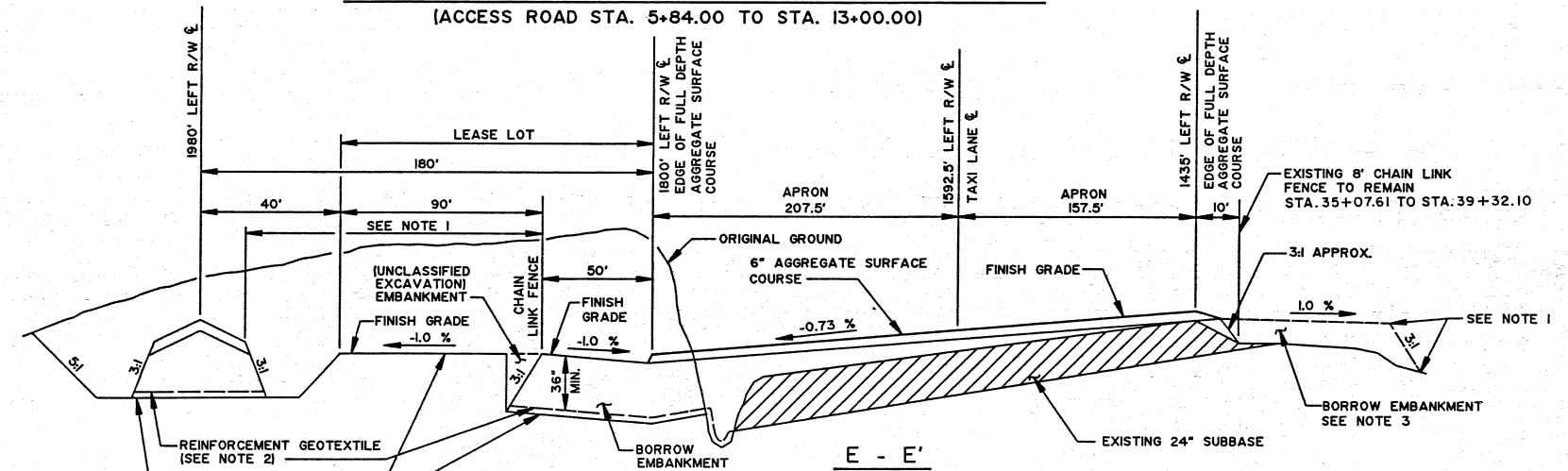
C - C'

TYPICAL APRON FILL SECTION (SEE SHEET 6)  
RUNWAY STA. 26+12.31 TO STA. 28+42.87



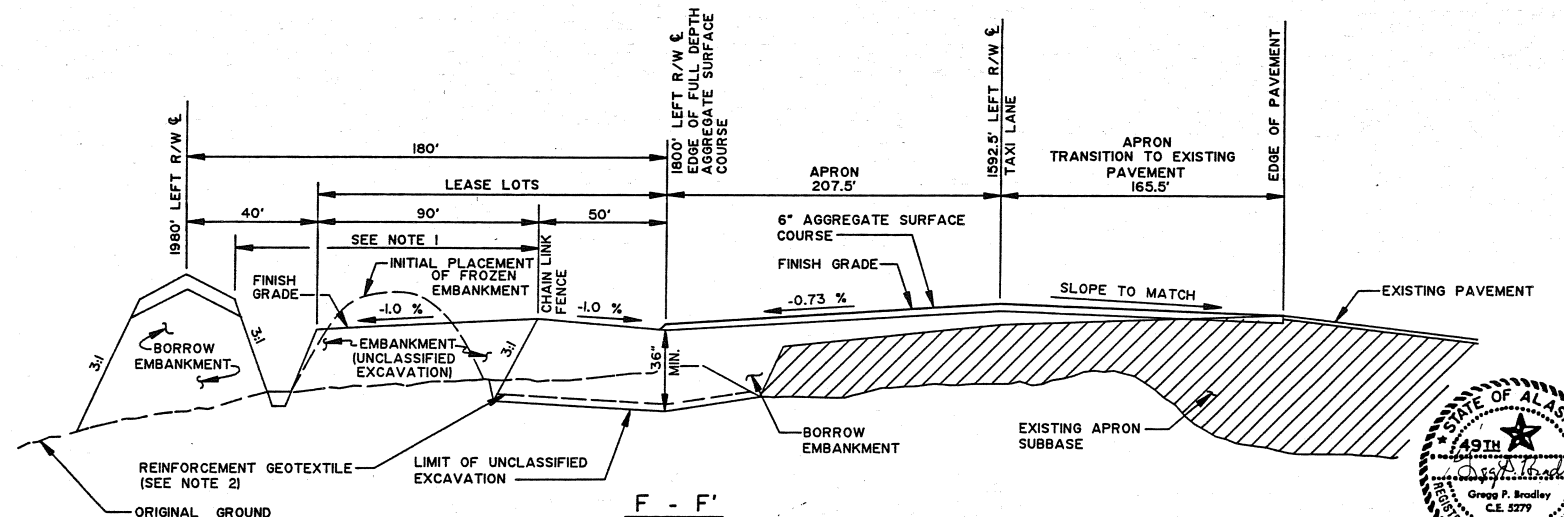
D - D'

TYPICAL ACCESS ROAD AND LEASE LOT (DEEP FILL) SECTION  
APPROXIMATE RUNWAY STA. 28+42.87 TO STA. 34+00  
[ACCESS ROAD STA. 5+84.00 TO STA. 13+00.00]



E - E'

TYPICAL APRON CUT SECTION (SEE SHEET 6 AND 8)  
APPROXIMATE RUNWAY STA. 34+00 TO STA. 39+50.00

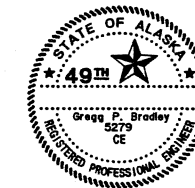


F - F'

TYPICAL APRON SECTION (SEE SHEET 6 AND 8)  
TRANSITION TO EXISTING TAXIWAY  
APPROXIMATELY RUNWAY STA. 39+50.00 TO STA. 40+15.00  
[ACCESS ROAD STA. 17+50.00 TO STA. 18+00.00]

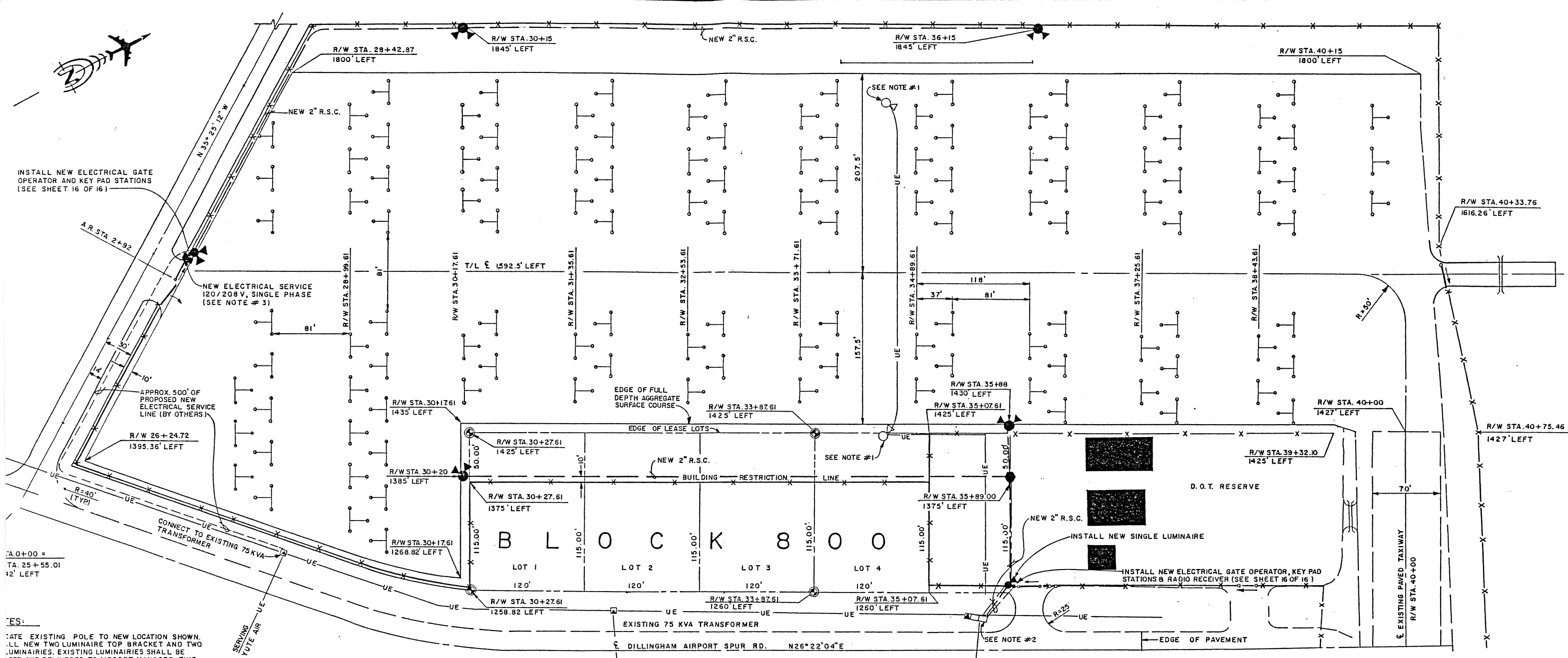
NOTES:

- LIMITS OF SEED APPLICATION AND FERTILIZER.
- REINFORCEMENT GEOTEXTILE TO BE PLACED UNDER BORROW EMBANKMENT IN CUT SECTIONS.
- EAST LEASE LOTS CONTINUE FROM STA. 30+07.61 TO EXISTING EDGE OF GRAVEL PAD APPROXIMATE STA. 35+89.00.
- LIFT HEIGHT NOT TO EXCEED 2' UNLESS AUTHORIZED IN WRITING BY THE ENGINEER (SEE SP-330.3 f) TO AVOID SHEARING OF ORGANIC LAYER.



BY	DATE	AS-BUILT	CHANGED	REVISIONS
WV	1-17-93	AS-BUILT		

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
DILLINGHAM AIRPORT 57978 A.I.P. NO. 3-02-0078-06 TYPICAL SECTIONS	
APPROVED <i>Steve Van Horn</i> STEVE VAN HORN, P.E.	DESIGN SECTION CHIEF
APPROVED <i>Greg P. Bradley</i> GREG P. BRADLEY, P.E.	PROJECT MANAGER
SCALE NO SCALE	DRAWN GSS
CHECKED WV	DATE 6/27/91
SHEET 9 OF 16	



INSTALL NEW ELECTRICAL GATE OPERATOR AND KEY PAD STATIONS (SEE SHEET 16 OF 16)

NEW ELECTRICAL SERVICE 120/208 V, SINGLE PHASE (SEE NOTE #3)

APPROX. 500' OF PROPOSED NEW ELECTRICAL SERVICE LINE (BY OTHERS)

TA 0+00 = TA 25+55.01 12' LEFT

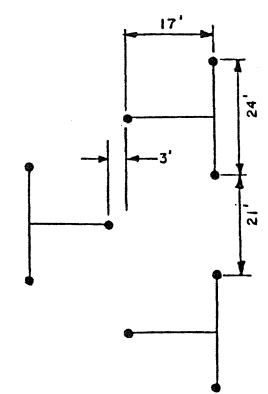
ES: DATE EXISTING POLE TO NEW LOCATION SHOWN. ALL NEW TWO LUMINAIRE TOP BRACKET AND TWO LUMINAIRES. EXISTING LUMINAIRES SHALL BE RELOCATED AND DELIVERED TO AIRPORT MANAGER. THIS IS INCIDENTAL TO PAY ITEM 1060. ECT NEW RIGID STEEL CONDUITS TO EXISTING STATE N LIGHTING CABINET, CONNECT NEW CONDUCTORS TO CIRCUIT BREAKERS IN CABINET. LL NEW LOAD CENTER WITH COMBINATION METER BASE, MP MAIN BREAKER, CONTACTOR, PHOTO CELL AND CIRCUIT KER PANEL AS REQUIRED. RACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY LOCATES.

This Sheet Is Not An "As-Built."

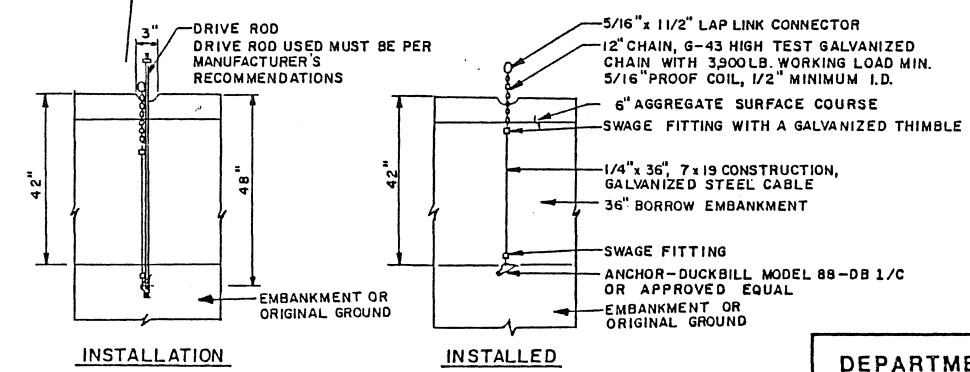
LEGEND

- ⊙ INSTALL 5/8" x 42" REBAR WITH ALUMINUM CAP 3" BELOW FINISHED GRADE. THIS WORK IS INCIDENTAL TO PAY ITEM 121 (THIS CONTRACT)
- NEW 2" R.S.C. WITH 2#4 XHHW AND 1#8 BARE COPPER GROUND CONDUCTOR
- UE EXISTING UNDERGROUND ELECTRIC
- ⊕ EXISTING LUMINAIRES TO BE SALVAGED AND POLES TO BE RELOCATED
- ⊕ INSTALL NEW LUMINAIRES
- ⊕ EXISTING TRANSFORMER
- EXISTING CABINETS
- NEW TYPE I JUNCTION BOX

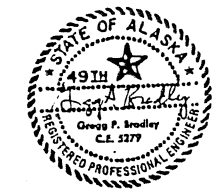
PLAN SCALE: 1" = 50'



TYPICAL TIE-DOWN ANCHOR LAYOUT SCALE: 1" = 20'



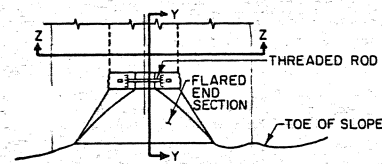
TYPICAL TIE-DOWN ANCHOR DETAILS NO SCALE



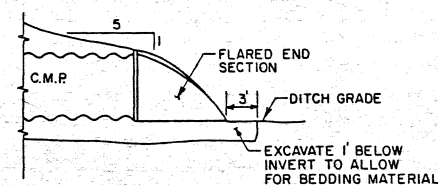
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
DILLINGHAM AIRPORT  
57978  
A.I.P. No. 3-02-0078-06  
GENERAL AVIATION APRON TIE-DOWN PLAN, EAST LEASE LOT PLAN & FLOODLIGHTING PLAN

APPROVED		STEVE VAN HORN, P.E.		DESIGN GROUP CHIEF	
APPROVED		Greg P. Bradley		PROJECT MANAGER	
BY		DATE		REVISIONS	
SCALE		1" = 50'		SHEET 10 OF 16	

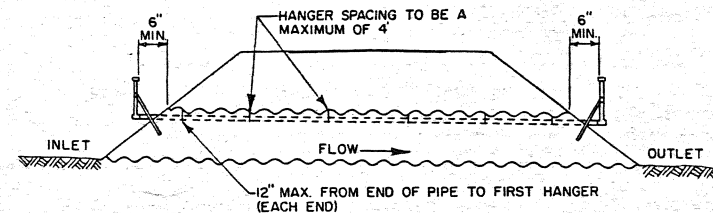




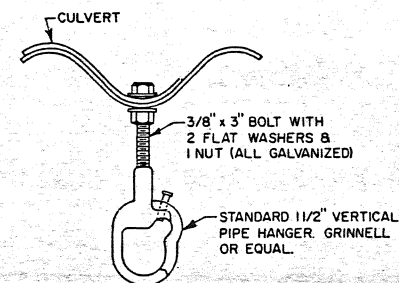
PLAN



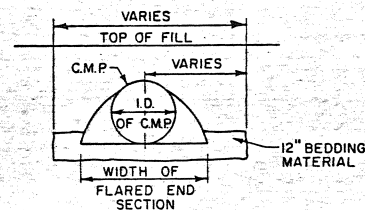
SECTION Y-Y



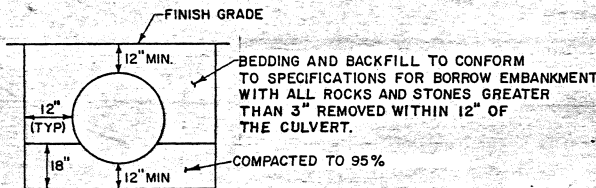
LOCATION OF THAW PIPE



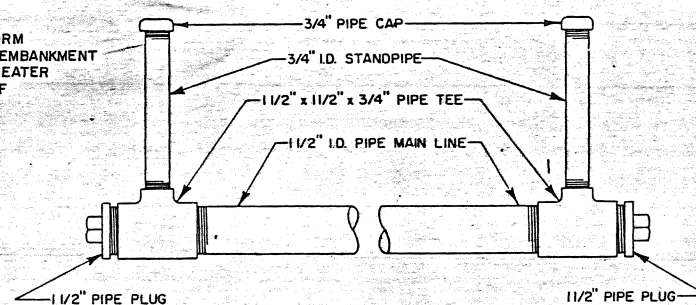
THAW PIPE HANGER DETAIL



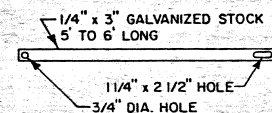
TYPICAL END VIEW



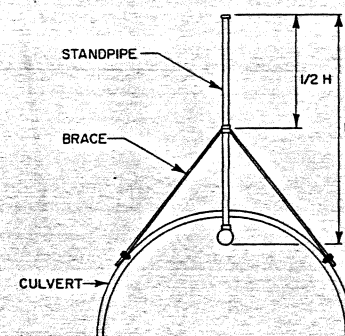
SECTION Z-Z



STANDARD SINGLE THAW PIPE



STANDPIPE BRACE DETAIL

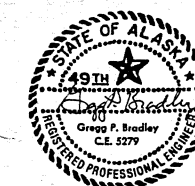


LOCATION OF STANDPIPE BRACE

NOTE: HEIGHT OF ALL STANDPIPE TO BE 1/2 THE HEIGHT OF CULVERT COVER OR 5' WHICHEVER IS LESS.

THAW PIPE DETAILS

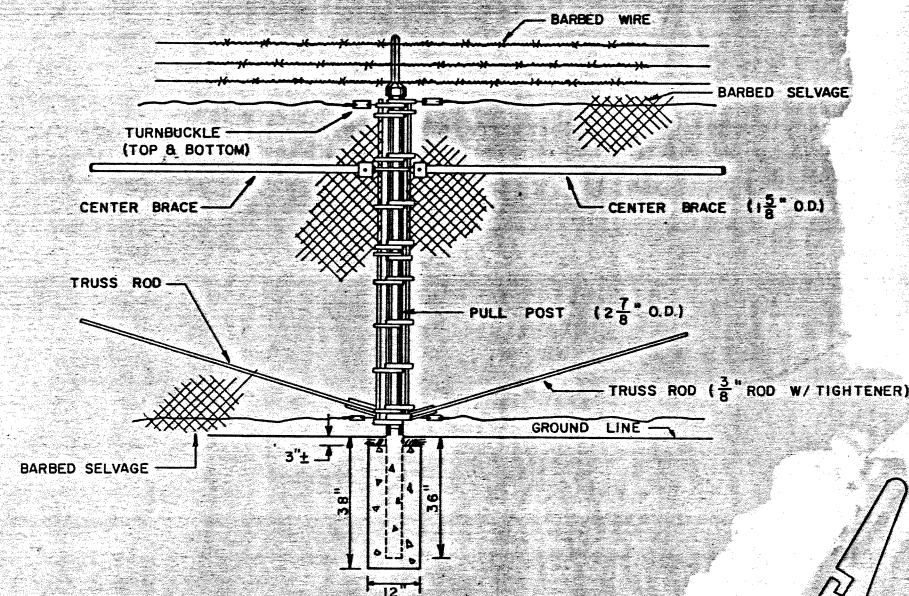
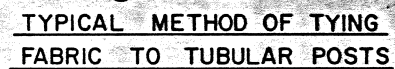
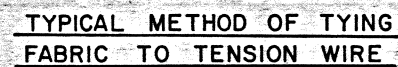
TYPICAL CULVERT INSTALLATION



STATE OF ALASKA  
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AND PUBLIC FACILITIES  
DILLINGHAM AIRPORT  
57978  
A.I.P. NO. 3-02-0078-06  
CULVERT AND THAW PIPE DETAILS

			APPROVED	<i>Steve Van Horn</i>	DESIGN SECTION CHIEF
			APPROVED	<i>Greg P. Bradley</i>	PROJECT MANAGER
BY	DATE	AS-BUILT	SCALE	DESIGNED	DRAWN
			NO SCALE	CHECKED	DATE
REVISIONS			SHEET 11 OF 16		





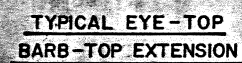
**TYPICAL PULL POST**



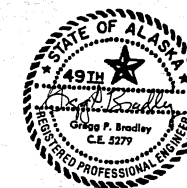
AIRPORT PROPERTY--- NO TRESPASSING  
VIOLATORS WILL BE PROSECUTED

TYPICAL FENCE PERIMETER SIGN

- NOTES:**  
1. INSTALL SIGNS EVERY 300'  
2. SEE SHEET 14 FOR DIMENSIONS



- NOTES:**
1. TYPICAL TOP FOR ALL LINE & PULL POSTS
  2. TENSION WIRE TO BE THREADED THROUGH EYE-TOP, AS SHOWN, ON ALL POSTS.



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DILLINGHAM AIRPORT 57978 A.I.P. No. 3-02-0078-06
FENCE DETAILS

					APPROVED <i>Steve Van Horn</i>				
					STEVE VAN HORN, PE			DESIGN GROUP CHIEF	
					APPROVED <i>Greg P. Bradley</i>				
					GREGG P. BRADLEY, PE			PROJECT MANAGER	
N/A	1-27-93	AS-BUILT							
BY	DATE		CHANGE		SCALE	DESIGNED	DRAWN		
			REVISIONS		NO SCALE	CHECKED <i>Y W</i>	DATE <i>02/27/91</i>	SHEET 12	OF 16



CHART # 1  
SPECIFICATIONS FOR SINGLE GATES

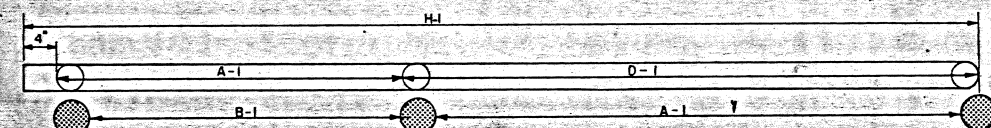
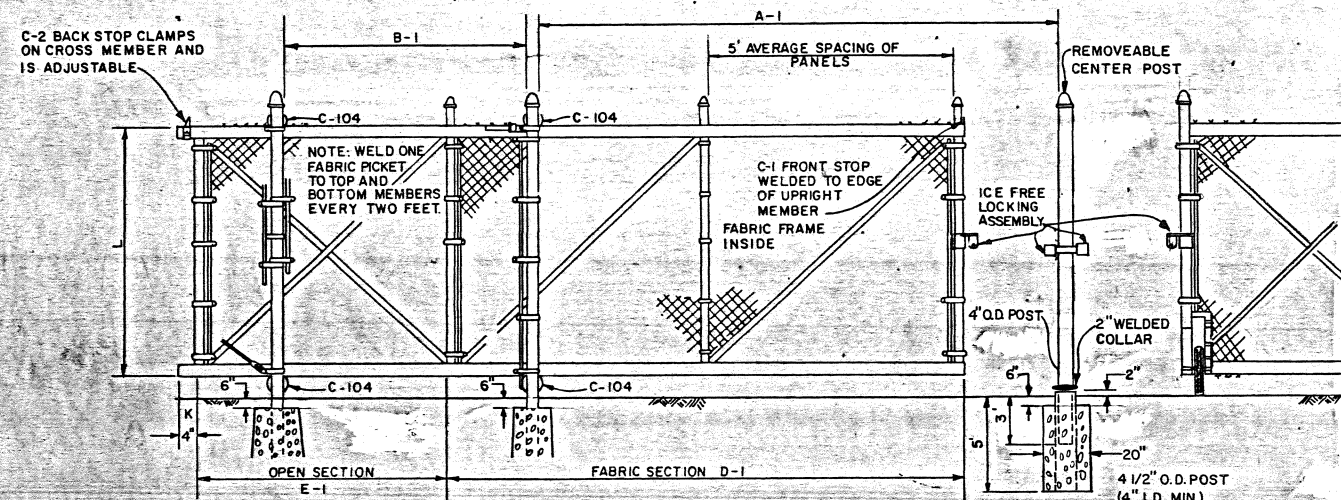
A-1 SINGLE GATE OPENING	B-1 ROLLER POST SPACING	H-1 OVER ALL LENGTH SECTION OF TOP AND BOTTOM	D-1 FABRIC SECTION OF FRAME	E-1 OPEN SECTION OF FRAME	K EXTENS- ION OF FRAME
6'-0"	4'-0"	11'-2"	6'-6"	4'-4"	4"
8'-0"	4'-0"	13'-2"	8'-6"	4'-4"	4"
10'-0"	5'-0"	16'-2"	10'-6"	5'-4"	4"
12'-0"	6'-0"	19'-2"	12'-6"	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"
40'-0"	20'-0"	60'-2"	40'-6"	20'-4"	4"
50'-0"	25'-0"	76'-2"	50'-6"	25'-4"	4"

CHART # 2  
SPECIFICATIONS GATE HEIGHTS

FENCE HEIGHT	F POST HEIGHT TO GRADE	L FRAME HEIGHT	J 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"

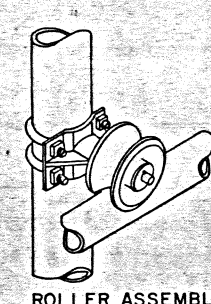
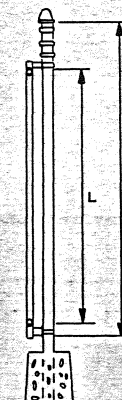
NOTE: ALL FENCE AND GATES INSTALLED UNDER THIS CONTRACT SHALL BE 8 FT. IN HEIGHT.

OUTSIDE VIEW-LEFT HAND GATE  
(REVERSE INSTALLATION FOR RIGHT HAND GATE)



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

GATE HEIGHTS  
NO SCALE



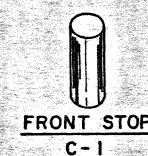
ROLLER ASSEMBLY  
C-104



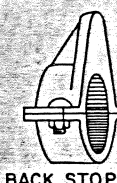
ACORN CAP  
FOR GATE POST  
(OR DOME CAP)



CLEVIS  
PIN FOR  
PADLOCK  
P-8



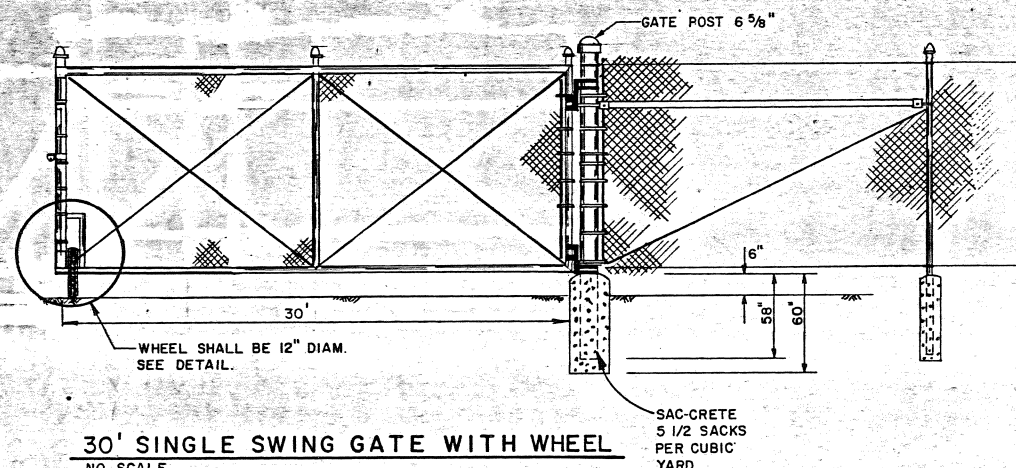
FRONT STOP  
C-1



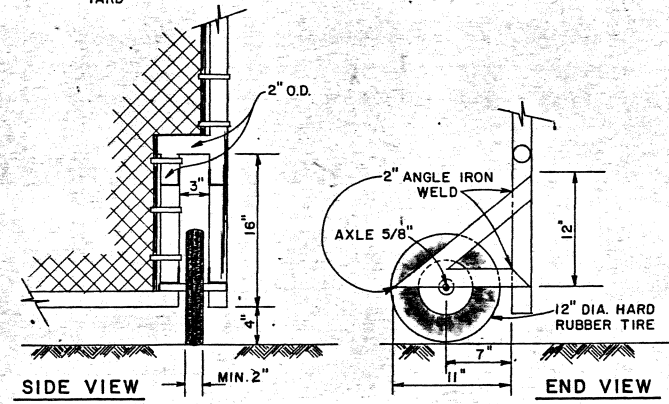
BACK STOP  
C-2



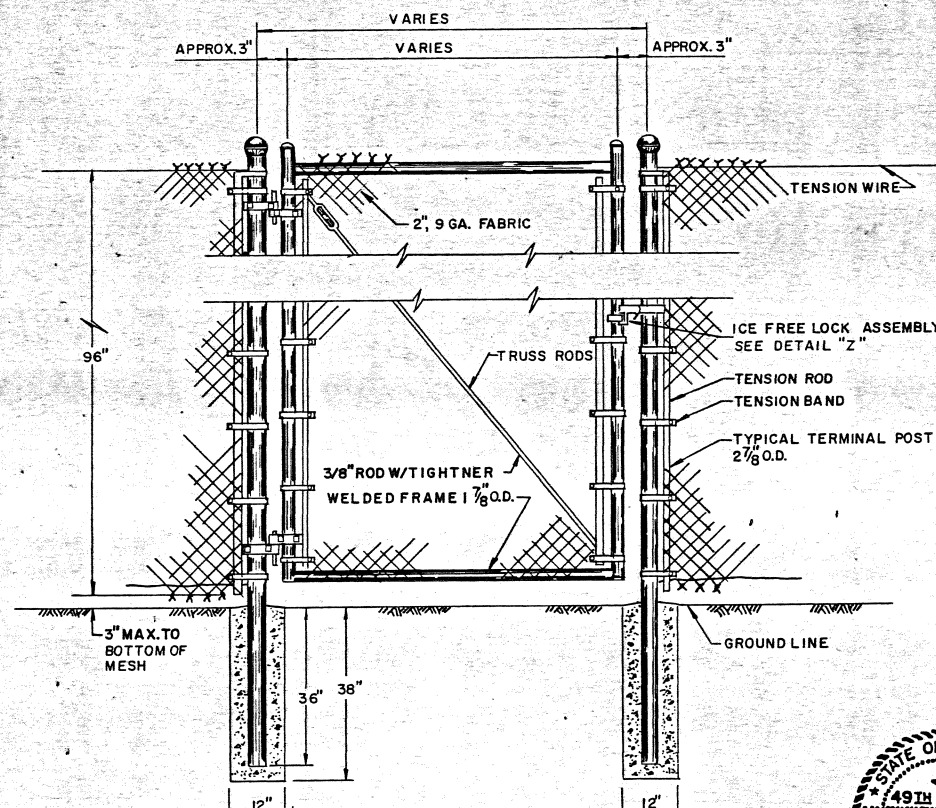
BARB WIRE BAND  
WITH RATCHET  
NO. 60



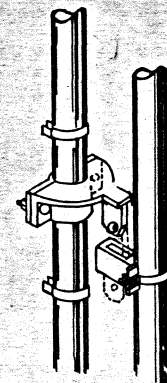
30' SINGLE SWING GATE WITH WHEEL  
NO SCALE



WHEEL DETAIL  
NO SCALE



TYPICAL PEDESTRIAN GATE  
NO SCALE



ICE FREE LOCKING ASSEMBLY  
NO SCALE  
DETAIL "J"

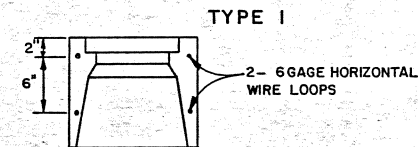
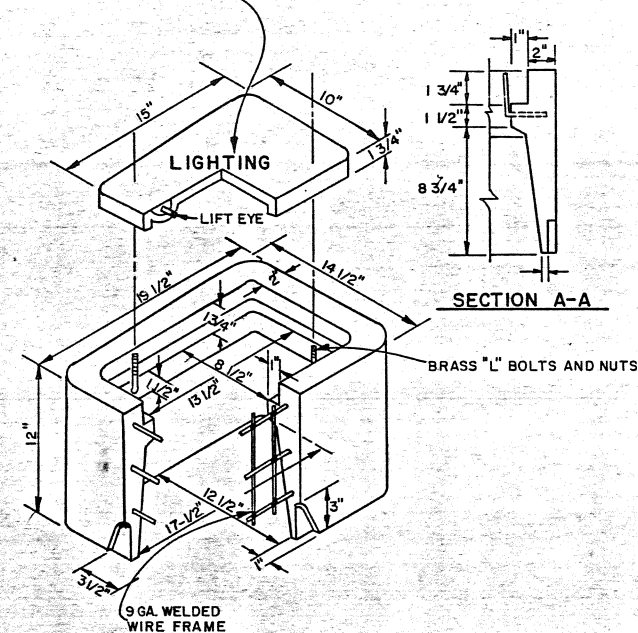


STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DILLINGHAM AIRPORT  
57978  
A.I.P. No. 3-02-0078-06  
SECURITY FENCING  
GATE DETAILS

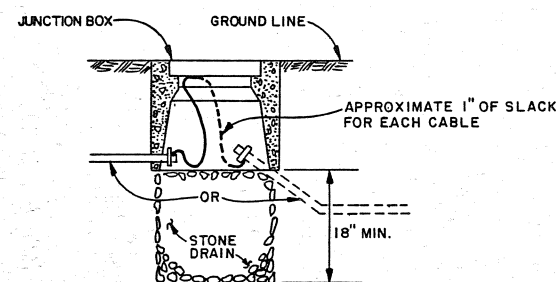
APPROVED	STEVE VAN HORN, RE.	DESIGN GROUP CHIEF
APPROVED	GREGG P. BRADLEY, P.E.	PROJECT MANAGER
BY	DATE	CHANGE
WLB	1-27-73	AS-BUILT
SCALE	AS SHOWN	DESIGNED
CHECKED	DATE	DRAWN
REVISIONS		



THE WORD LIGHTING TO BE EMBOSSED ON COVER OF JUNCTION BOX.



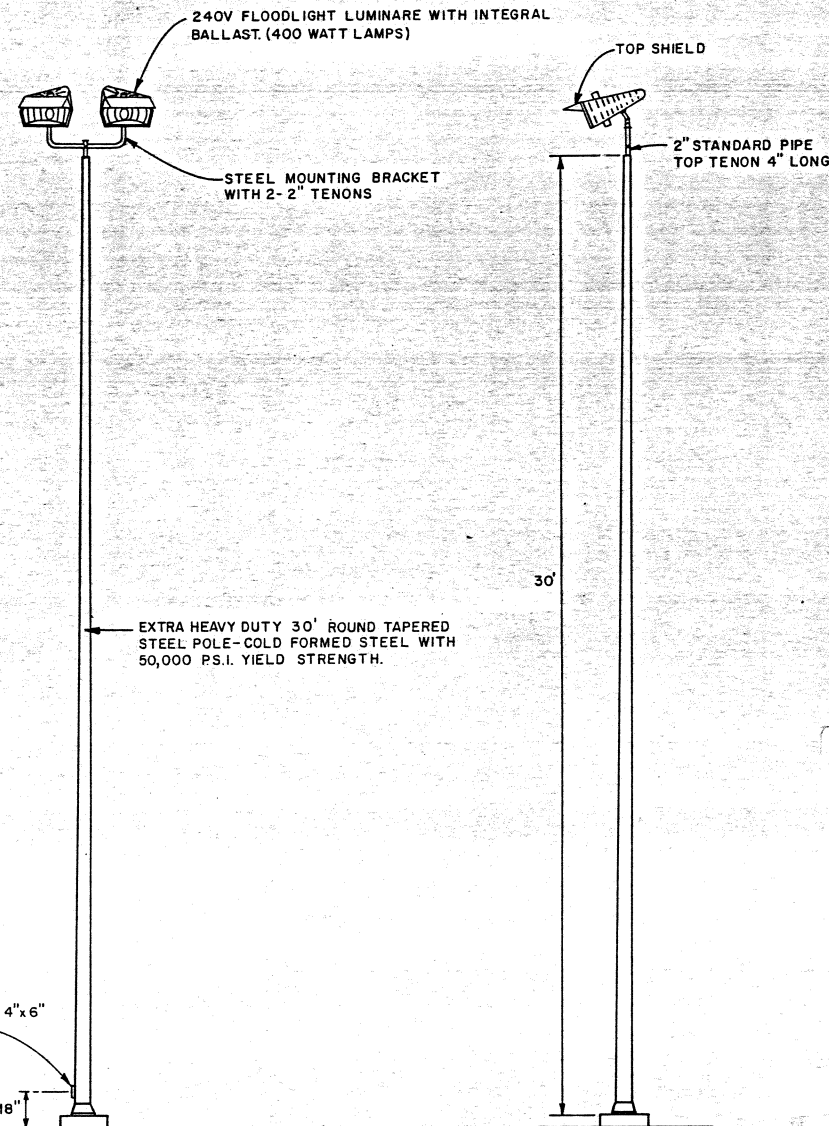
ALTERNATE REINFORCING



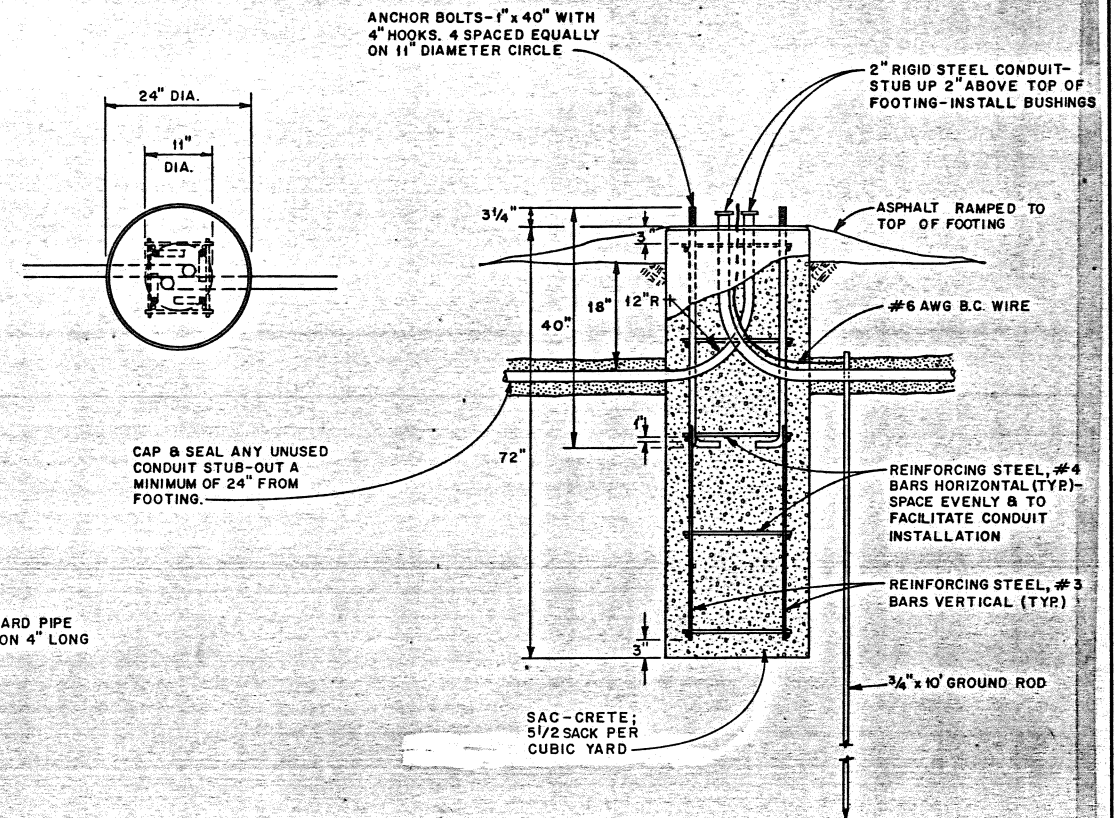
TYPE I JUNCTION BOX DETAILS

### LUMINARE NOTES

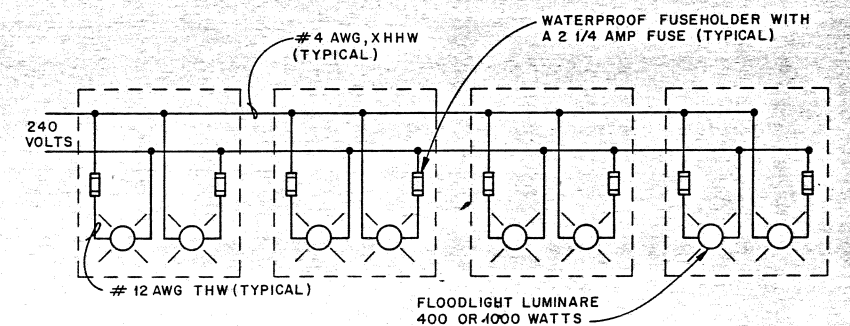
1. ANCHOR LIGHT FIXTURES BY INSTALLING ADDITIONAL SET SCREWS TO PREVENT LIGHTS FROM ROTATING.
2. AIMING ANGLES AND AIMING POINTS ARE INITIAL SETTINGS-FINAL SETTINGS SHALL BE DETERMINED IN THE FIELD.
3. POLES AND BRACKETS SHALL BE PAINTED WITH ALUMINUM PAINT.
4. POLES SHALL BE ERECTED STRAIGHT AND VERTICAL WITHIN 0.25 OF A DEGREE.



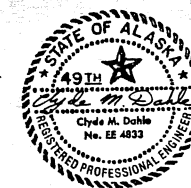
FLOODLIGHT ELEVATIONS



CONCRETE FOOTING DETAILS



FLOODLIGHT WIRING DIAGRAM



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DILLINGHAM AIRPORT  
57978  
A.I.P. No. 3-02-0078-06  
FLOODLIGHT INSTALLATION  
DETAILS

APPROVED	STEVE VAN HORN, P.E.	DESIGN SECTION CHIEF
APPROVED	Gregg P. Bradley, P.E.	PROJECT MANAGER
BY	DATE	CHANGES
WAL	1-27-93	AS-BUILT
NO SCALE	DESIGNED CMCS	DRAWN D.V.
CHECKED	DATE 6/27/91	

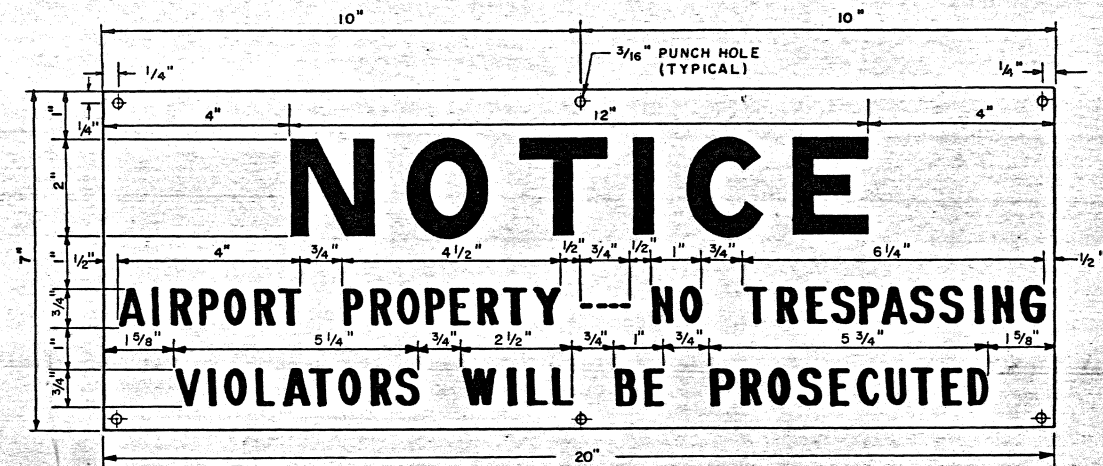


"STOP" SIGN PLATE DETAIL

NO SCALE

NOTES

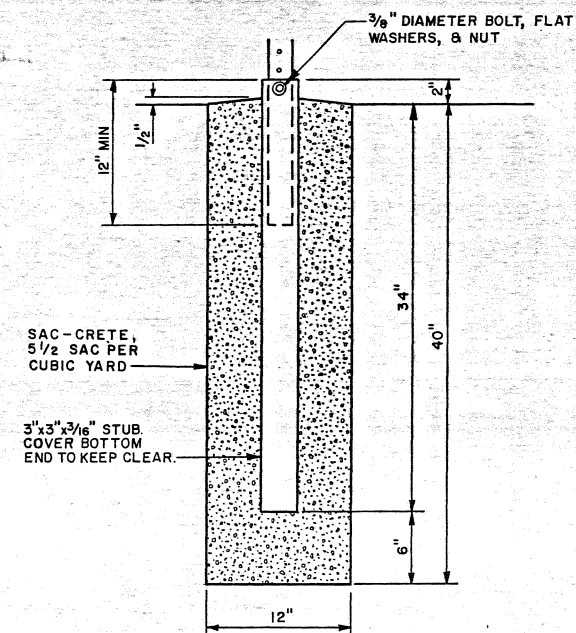
1. "STOP" SIGN PLATES SHALL HAVE WHITE REFLECTIVE SHEETING BACKGROUND WITH RED LETTERING.
2. "STOP" SIGN PLATES SHALL BE PLACED IN CENTER OF ALL GATES. INSTALLED UNDER THIS CONTRACT.



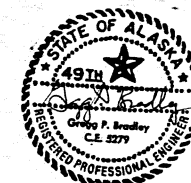
NOTES:

1. "NOTICE" SIGN PLATE SHALL HAVE WHITE REFLECTIVE SHEETING BACKGROUND WITH RED LETTERING.
2. THE LOWER EDGE OF ALL "NOTICE" SIGN PLATES SHALL BE INSTALLED 5 FEET ABOVE THE GROUND.

"NOTICE" SIGN DETAIL



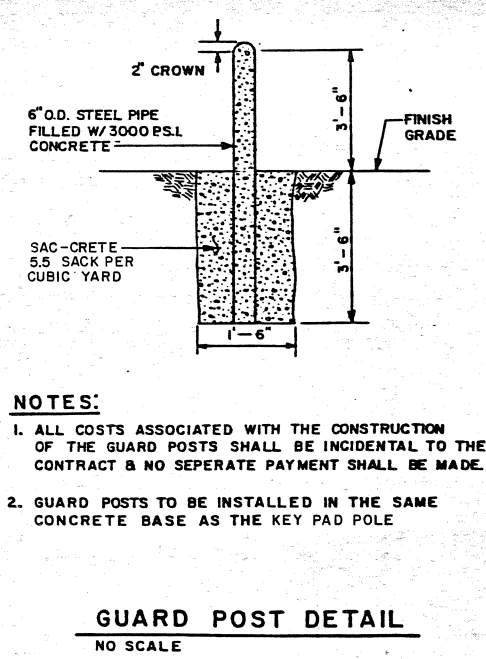
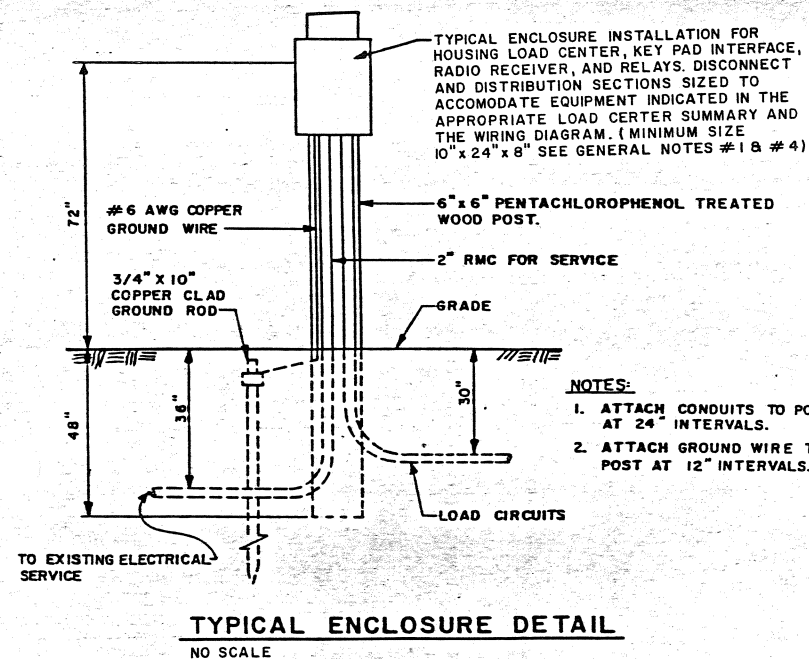
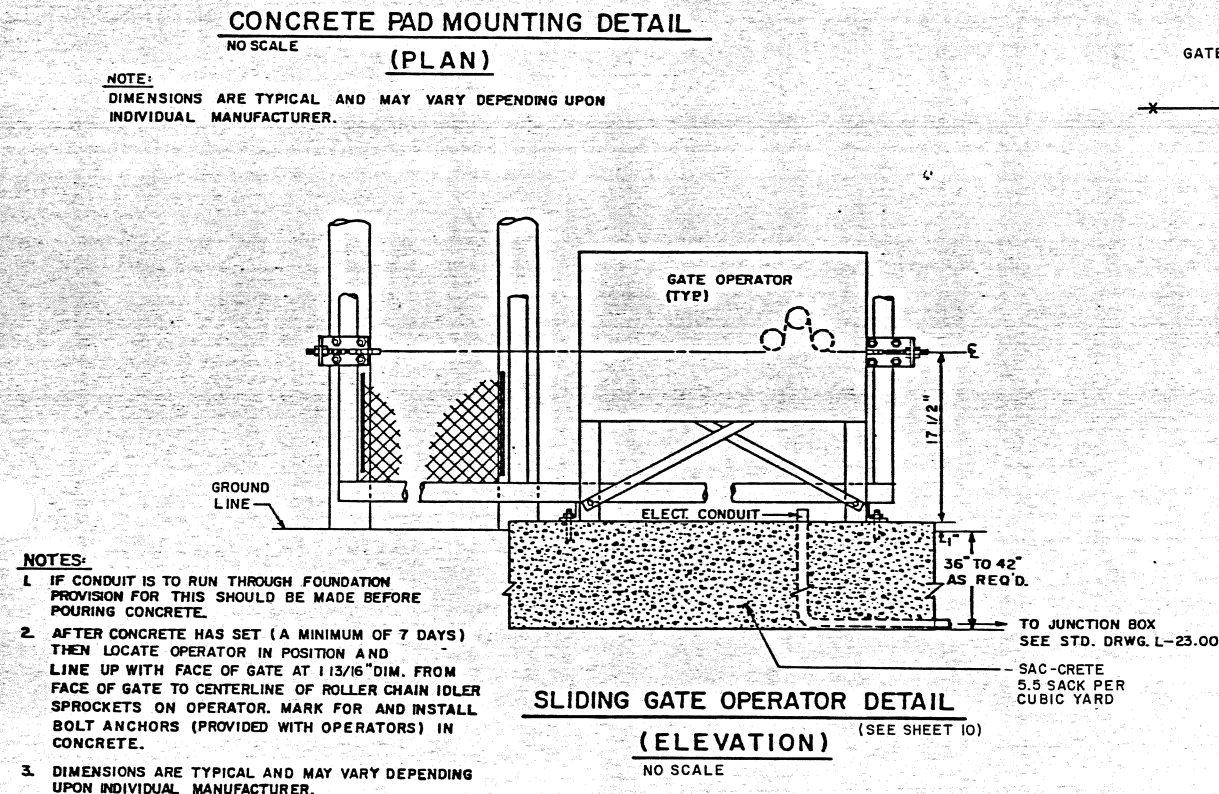
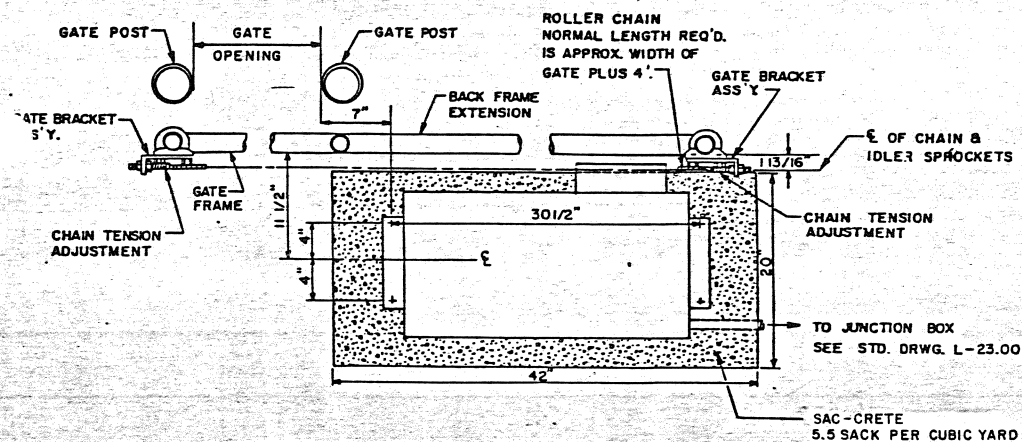
FOUNDATION FOR PERMANENT  
SIGNS & BARRICADE



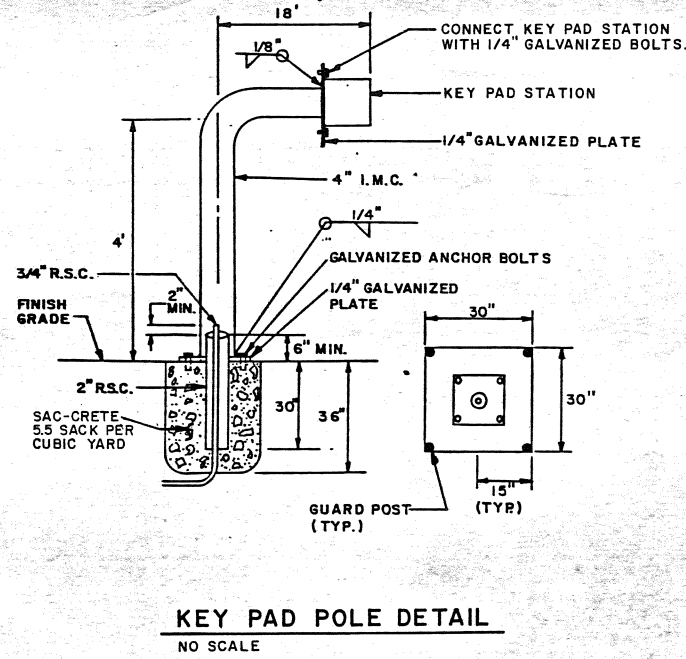
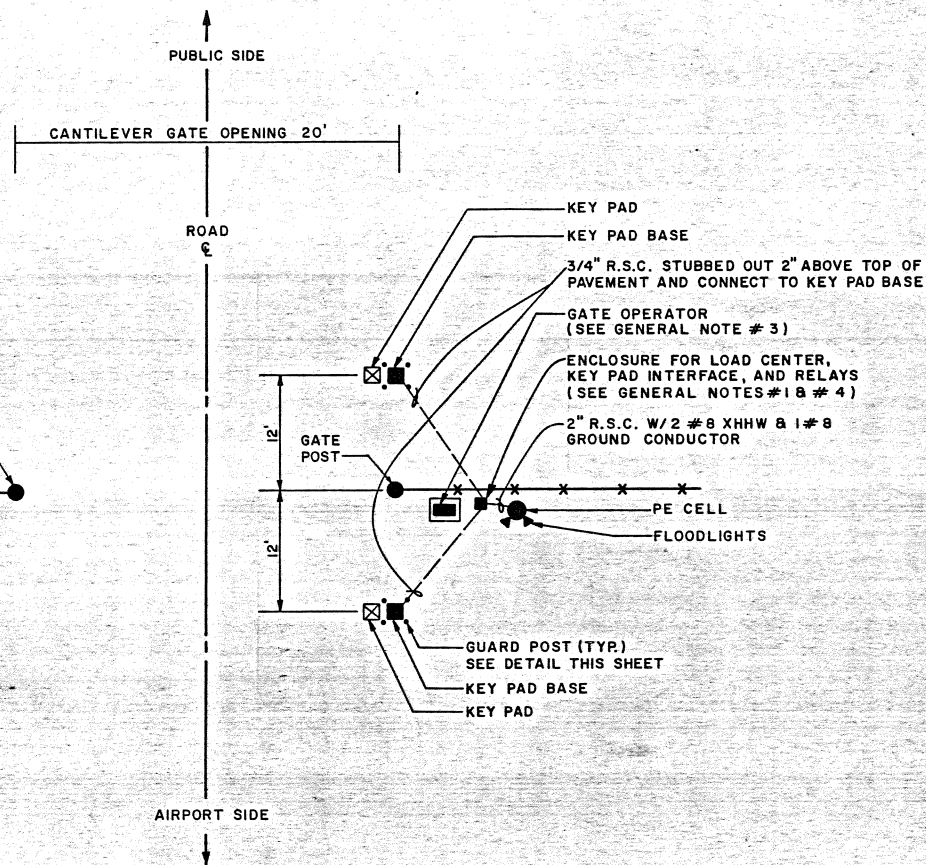
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
DILLINGHAM AIRPORT  
57978  
A.I.P. No. 3-02-0078-06  
SIGN DETAILS

			APPROVED <i>[Signature]</i> STEVE VAN HORN, P.E. DESIGN GROUP CHIEF		
			APPROVED <i>[Signature]</i> GREGG P. BRADLEY, P.E. PROJECT MANAGER		
BY	DATE	CHANGE	SCALE	DESIGNED	DRAWN
WAB	1-27-93	AS-BUILT	NO SCALE	WAB	DT
REVISIONS			CHECKED	DATE	SHEET
			WAB	6/2/94	15 OF 16



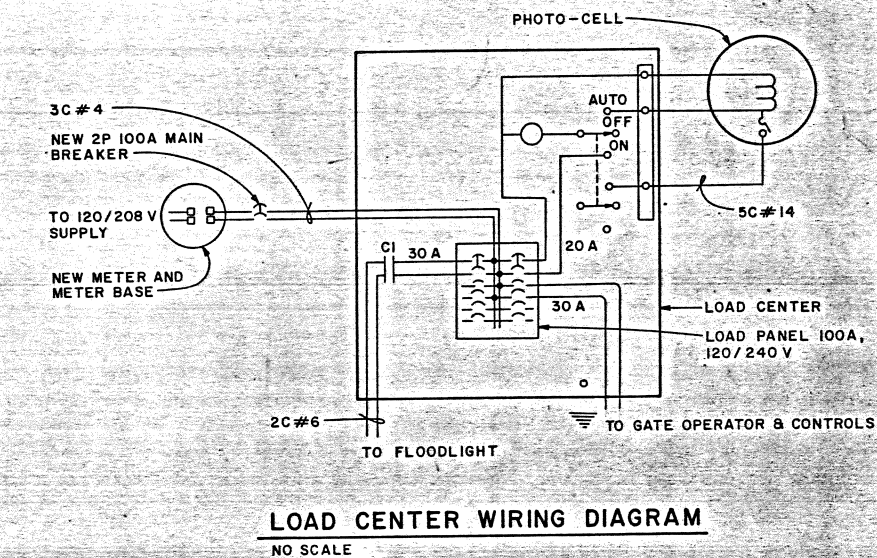


**TYPICAL SECURITY GATE DETAILS**  
(SEE SHEET 10)  
NO SCALE



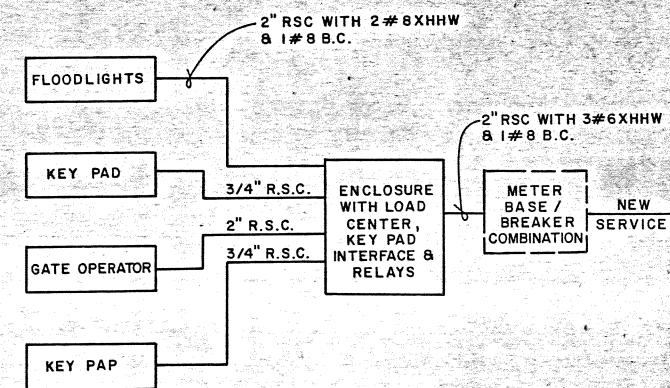
**LOAD CENTER NOTES:**

1. CONNECT THE GROUND BUS OF THE LOAD CENTER TO THE GROUND ROD WITH A #6 SOFT DRAWN BARE COPPER CONDUCTOR & APPROVED CONNECTORS.
2. ALL SWITCHES & CIRCUIT BREAKERS SHALL BE LABELED FOR CIRCUIT & DIRECTION IN A PROMINENT MANNER.
3. PHOTO-CELL CONTACT & COIL SHALL BE RATED FOR OPERATION AT 120V AC.
4. THE CONTACTOR COIL SHALL BE RATED FOR OPERATION AT 120V AC.
5. THE PREFERRED LOCATION FOR THE HAND-OFF-AUTO SWITCH & THE CONTACTOR IS IN THE DISTRIBUTION ENCLOSURE.
6. THE PHOTO-CELL FOR LIGHTING CONTROL SHALL BE LOCATED ON THE ADJACENT POLE, ORIENTED TO UNOBSTRUCTED NORTHERN SKY.



**GENERAL NOTES:**

1. ENCLOSURE, LOAD CENTER, RADIO RECEIVER, KEY PAD, INTERFACE, RELAYS, WIRE, AND ALL CONDUITS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR.
2. GATE OPERATOR SHALL BE 1 H.P., 208 V., 1 PHASE, LINK CONTROL MODEL XGSL OR APPROVED EQUAL. INSTALL PER MANUFACTURERS INSTRUCTIONS.
3. THE LOCATION OF THE GATE OPERATORS WILL BE DETERMINED IN THE FIELD.
4. AT THE M&O GATE LOCATION THE EXISTING LIGHTING LOAD CENTER WILL BE UTILIZED. NEW CIRCUIT BREAKERS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR, THE EXISTING PANEL IS A GE TYPE NLAB.



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

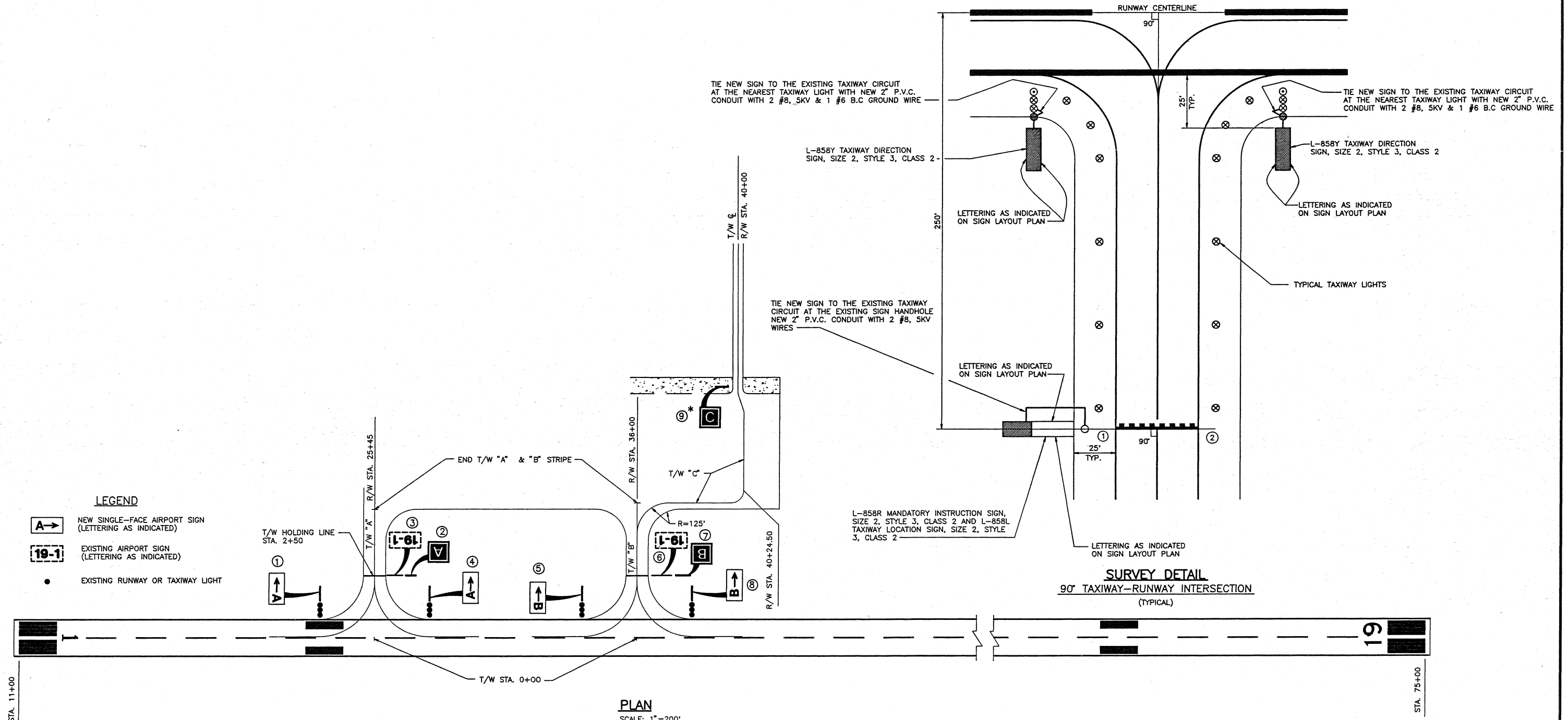
DILLINGHAM AIRPORT

57978

A.I.P. NO. 3-02-0078-06  
ELECTRICAL GATE OPERATOR DETAILS

APPROVED			DESIGN SECTION CHIEF		
STEVE VAN HORN, P.E.					
APPROVED			PROJECT MANAGER		
GREGG P. BRADLEY, P.E.					
BY	DATE	CHANGE	SCALE	CHECKED	DATE
WJH	1-27-93	AS-BUILT	AS SHOWN	804	6/27/91
REVISIONS					





- LEGEND**
- NEW SINGLE-FACE AIRPORT SIGN (LETTERING AS INDICATED)
  - EXISTING AIRPORT SIGN (LETTERING AS INDICATED)
  - EXISTING RUNWAY OR TAXIWAY LIGHT

SIGN SCHEDULE								
SIGN NUMBER	FACE NUMBER	TYPE	PURPOSE	NUMBER MODULES	LEGEND	LEGEND COLOR	FACE COLOR	
1	1	L-858Y	TAXIWAY DIRECTION SIGN	1	A	BLACK	YELLOW	
2	2	L-858L	TAXIWAY LOCATION SIGN	1	A	BLACK	YELLOW	
3	2	EXISTING	MANDATORY INSTRUCTION SIGN	2	19-1	WHITE	RED	
4	1	L-858Y	TAXIWAY DIRECTION SIGN	1	A	BLACK	YELLOW	
5	2	L-858Y	TAXIWAY DIRECTION SIGN	1	B	BLACK	YELLOW	
6	1	EXISTING	MANDATORY INSTRUCTION SIGN	2	19-1	WHITE	RED	
7	2	L-858L	TAXIWAY LOCATION SIGN	1	B	BLACK	YELLOW	
8	1	L-858Y	TAXIWAY DIRECTION SIGN	1	B	BLACK	YELLOW	
*9	2	UNLIGHTED	TAXIWAY LOCATION SIGN	1	C	BLACK	YELLOW	

\* UNLIGHTED SIGN (SEE NOTE 4)

**NOTES**

- SIGN SYMBOLS ARE ORIENTED IN GENERAL THE WAY THE SIGNS WILL BE INSTALLED IN THE FIELD. (THEY ARE TYPICALLY INSTALLED PERPENDICULAR TO THE EDGE OF THE RUNWAY OR TAXIWAY AND 15 FT. OUTSIDE OF THE EXISTING LIGHT LINE.)
- SIGNS ARE TYPICALLY CONNECTED TO THE NEAREST EXISTING LIGHT BASE FOR ELECTRICAL POWER.
- ALL SIGNS ARE TYPE L-858, SIZE 2, STYLE 3, CLASS 2 AS CONTAINED IN F.A.A. ADVISORY CIRCULAR 150/5345-44E.
- UNLIGHTED SIGNS SHALL HAVE RETROFLECTIVE FACES MEETING FEDERAL SPECIFICATION L-5-300, TYPE I, REFLECTIVITY 2 OR 4.
- THE APPROX. NUMBER OF MODULES PROVIDED IN THE SIGN SCHEDULE AND THE BID SCHEDULE IS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR IN BIDDING THE SIGNS. THE CONTRACTOR SHALL PROVIDE SIGNS OF SUFFICIENT LENGTH FOR THE LEGENDS SHOWN.

**STATE OF ALASKA**  
**49th**  
  
**REGISTERED PROFESSIONAL ENGINEER**

**STATE OF ALASKA**  
**DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES**  
**DILLINGHAM AIRPORT**  
 57978  
 A.I.P. No. 3-02-0078-06  
 CHANGE ORDER #1  
**SIGNING LAYOUT PLAN**

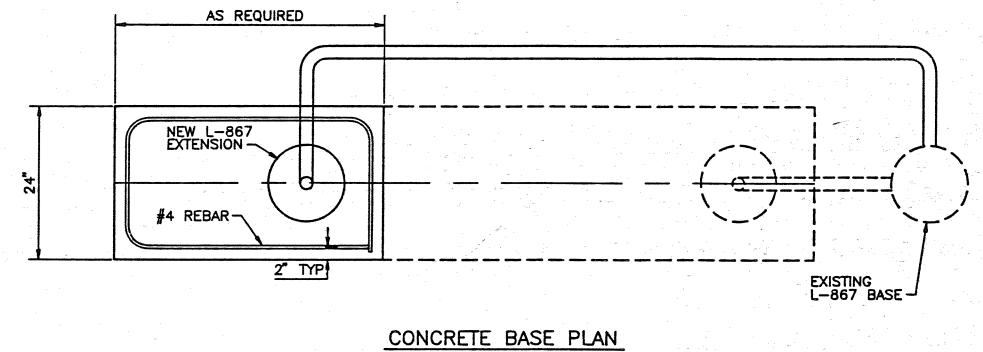
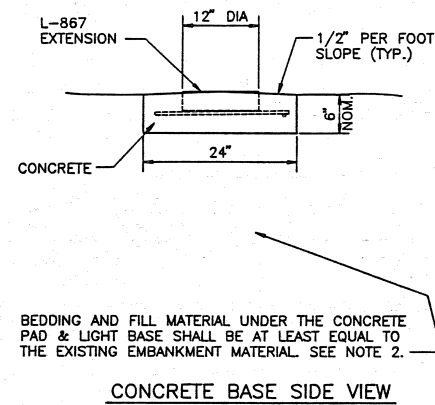
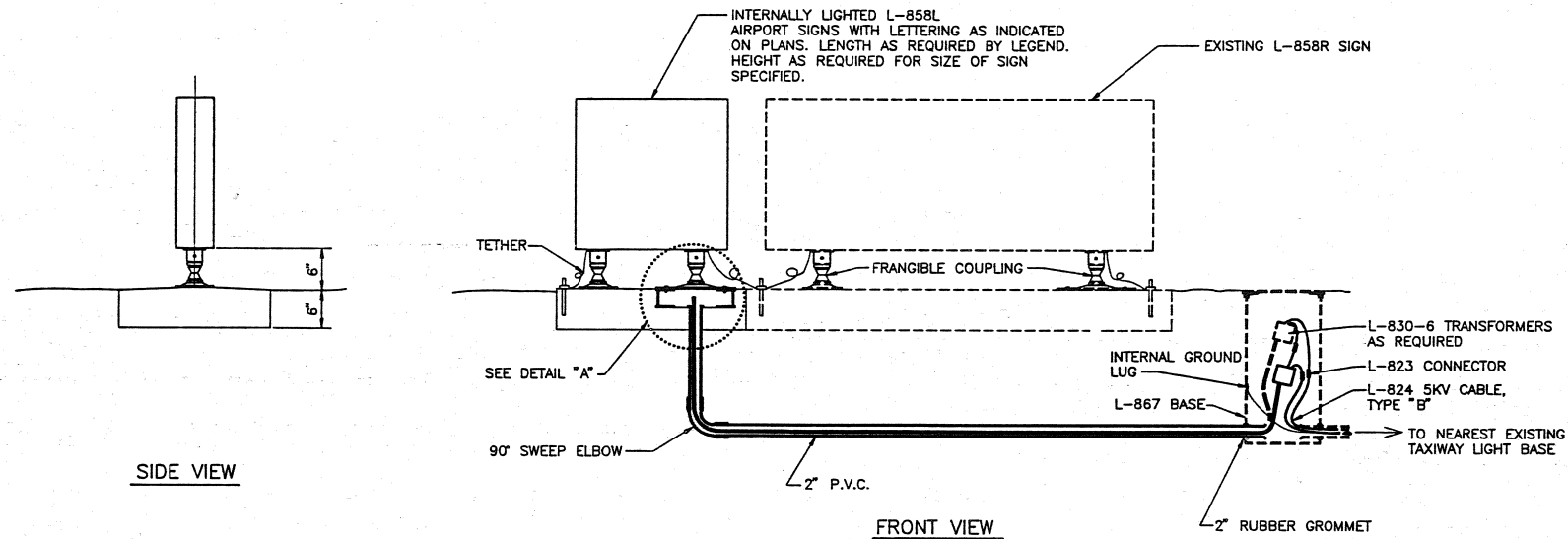
APPROVED:   
 STEVE VAN HORN, P.E.  
 DESIGN SECTION CHIEF

APPROVED:   
 GREGG P. BRADLEY, P.E.  
 PROJECT MANAGER

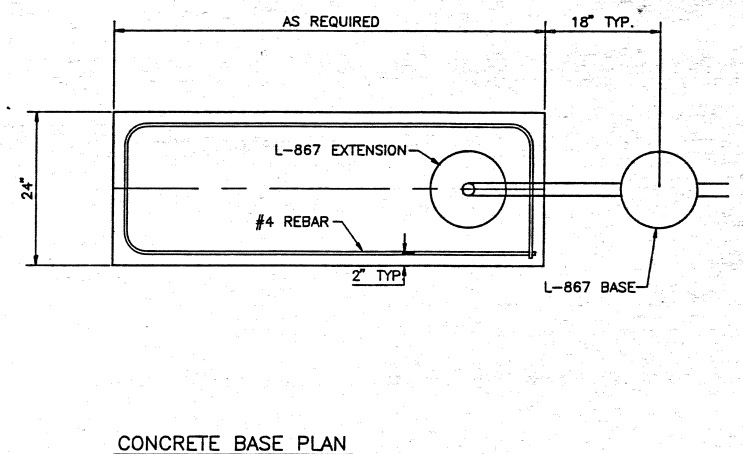
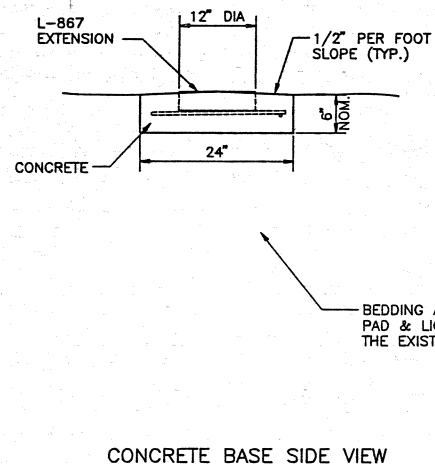
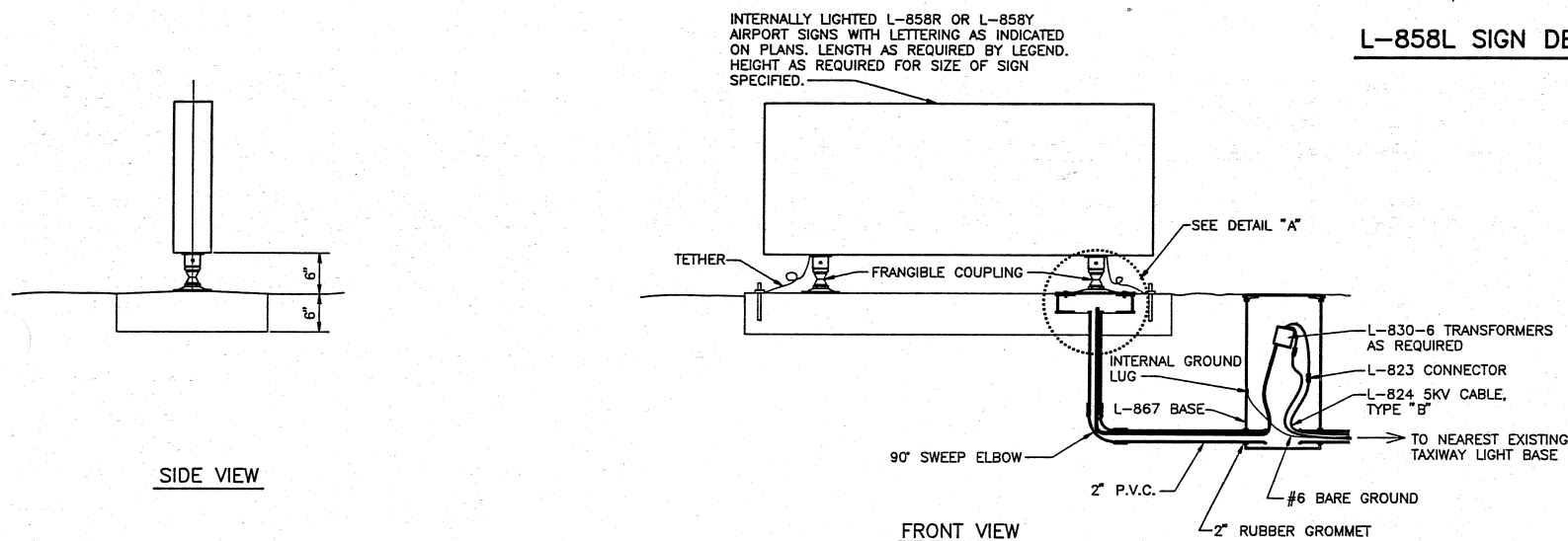
SCALE: AS SHOWN  
 DESIGNED:   
 CHECKED:   
 DATE: 2-4-92  
 SHEET 1 OF 2

BY: DATE: 1-27-93 AS-BUILT

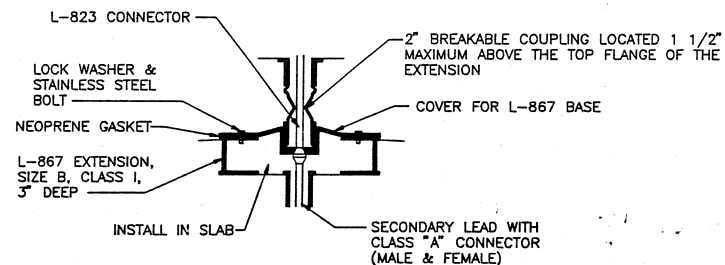
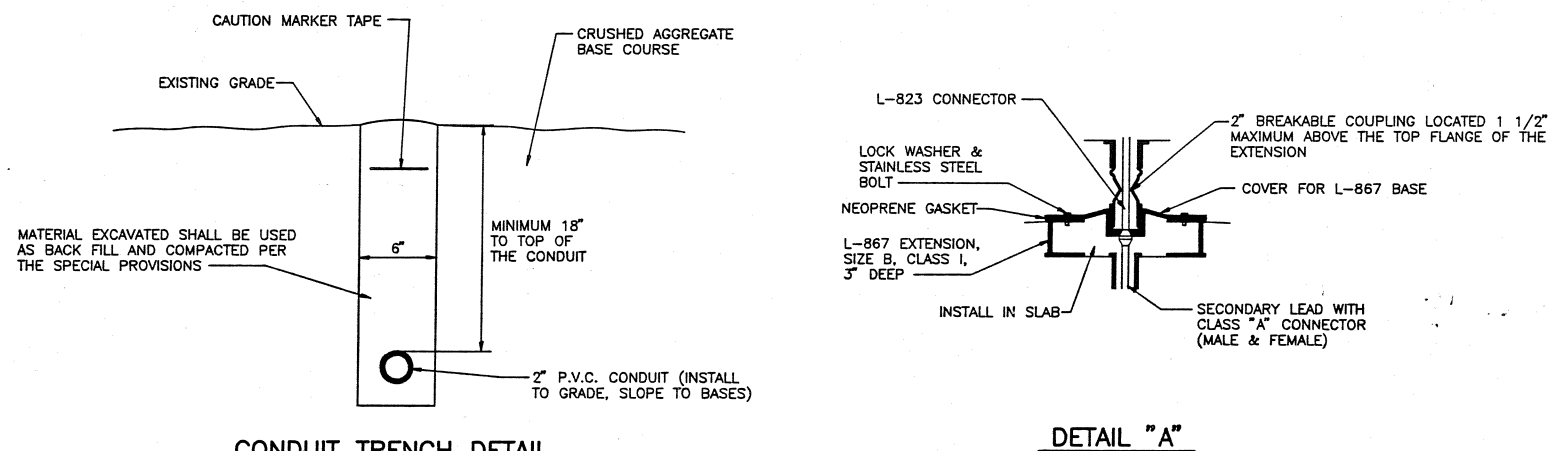
REVISIONS:



### L-858L SIGN DETAILS



### L-858Y SIGN DETAILS



### NOTES

1. TO LOCATE TYPE L-828 SIGNS FIRST LOCATE POINT 1 & 2 (SEE SURVEY DETAIL) THEN PLACE SIGNS 25' FROM THE OUTSIDE EDGE OF THE PAINT STRIPE OR EDGE OF FULL DEPTH SURFACING.
2. MINOR GRADING OR FILL SHALL BE REQUIRED AT ALL SIGN LOCATIONS. THE GRADING AND EARTHWORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
3. ATTACH SIGNS TO CONCRETE BASE IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS.
4. THE CONTRACTOR SHALL CERTIFY THE CONCRETE BASE IS CONSTRUCTED OF SACK-CRETE CONTAINING 5 1/2 SACKS OF CONCRETE PER CUBIC YARD OF CONCRETE.



STATE OF ALASKA  
**DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES**  
 DILLINGHAM AIRPORT  
 57978  
 A.I.P. No. 3-02-0078-06  
 CHANGE ORDER #1  
 AIRPORT SIGN DETAILS

APPROVED			STEVE VAN HORN, P.E.			DESIGN SECTION CHIEF		
APPROVED			GREGG P. BRADLEY, P.E.			PROJECT MANAGER		
BY	DATE	CHANGED	SCALE	DESIGNED	DRAWN	CHECKED	DATE	SHEET
WJ	1-17-93	AS-BUILT	NO SCALE	CMB	PLD	RA	2-4-92	2 OF 2
REVISIONS								