

AS-BUILT
**CONSTRUCTION PLANS FOR
ILIAMNA AIRPORT
RESURFACING**

**RUNWAY GRAVEL OVERLAY, LIGHTING SYSTEM
AND MISCELLANEOUS AIRPORT IMPROVEMENTS**

PROJECT No. 56891

1989

AIRPORT IMPROVEMENT PROGRAM

A.I.P. 03-02-0132-02

SPONSORED BY THE STATE OF ALASKA

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

AS-BUILT

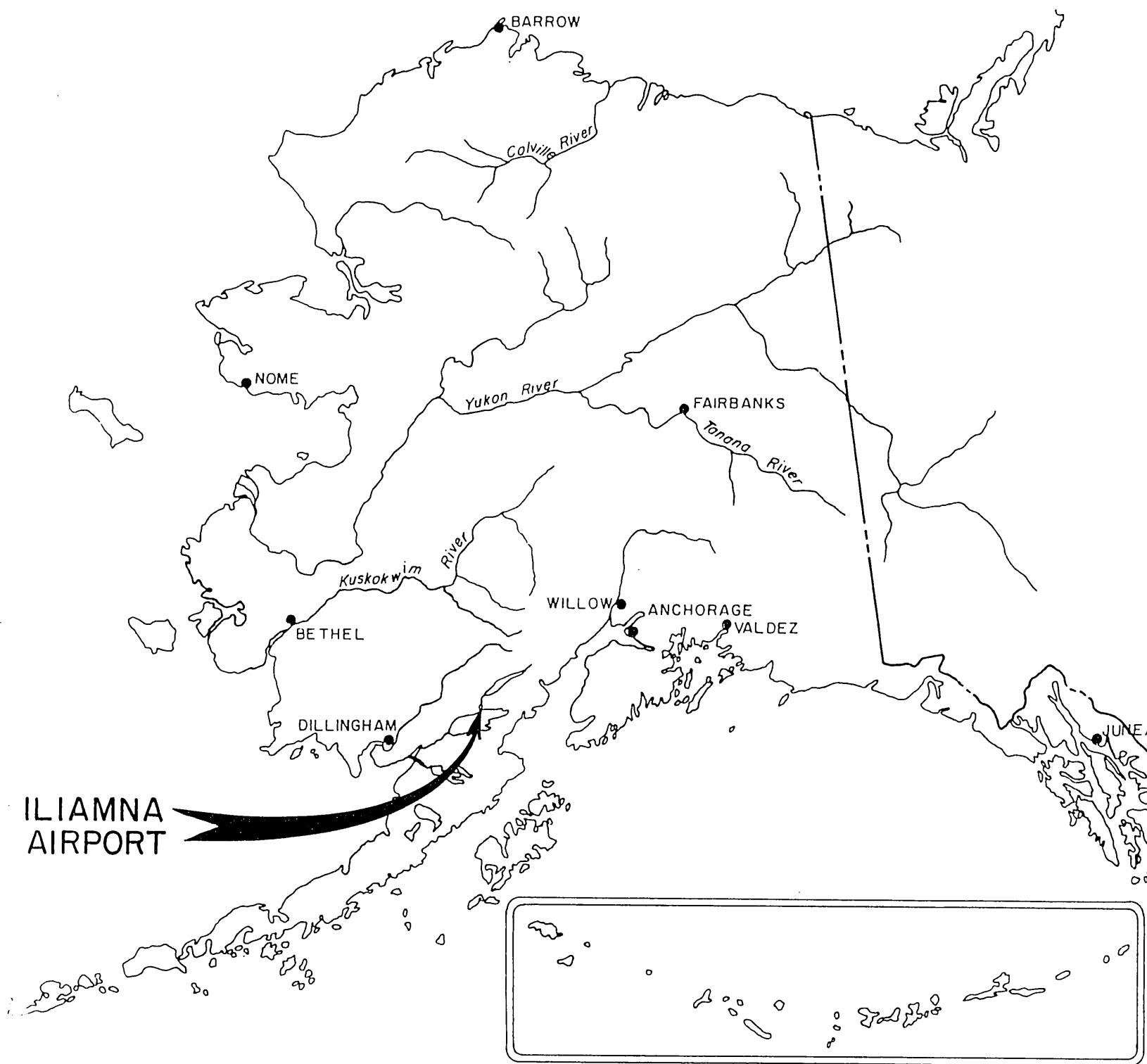
APPROVED Jerome George DATE 11-21-91
JEROME GEORGE, P.E. CHIEF OF CONSTRUCTION

APPROVED Keith R. Moberg DATE 8/7/89
KEITH R. MØRBERG, P.E. CHIEF OF DESIGN

APPROVED Tommy Gene Heinrich DATE 8-7-89
TOMMY GENE HEINRICH, P.E. DIRECTOR, DESIGN AND CONSTRUCTION

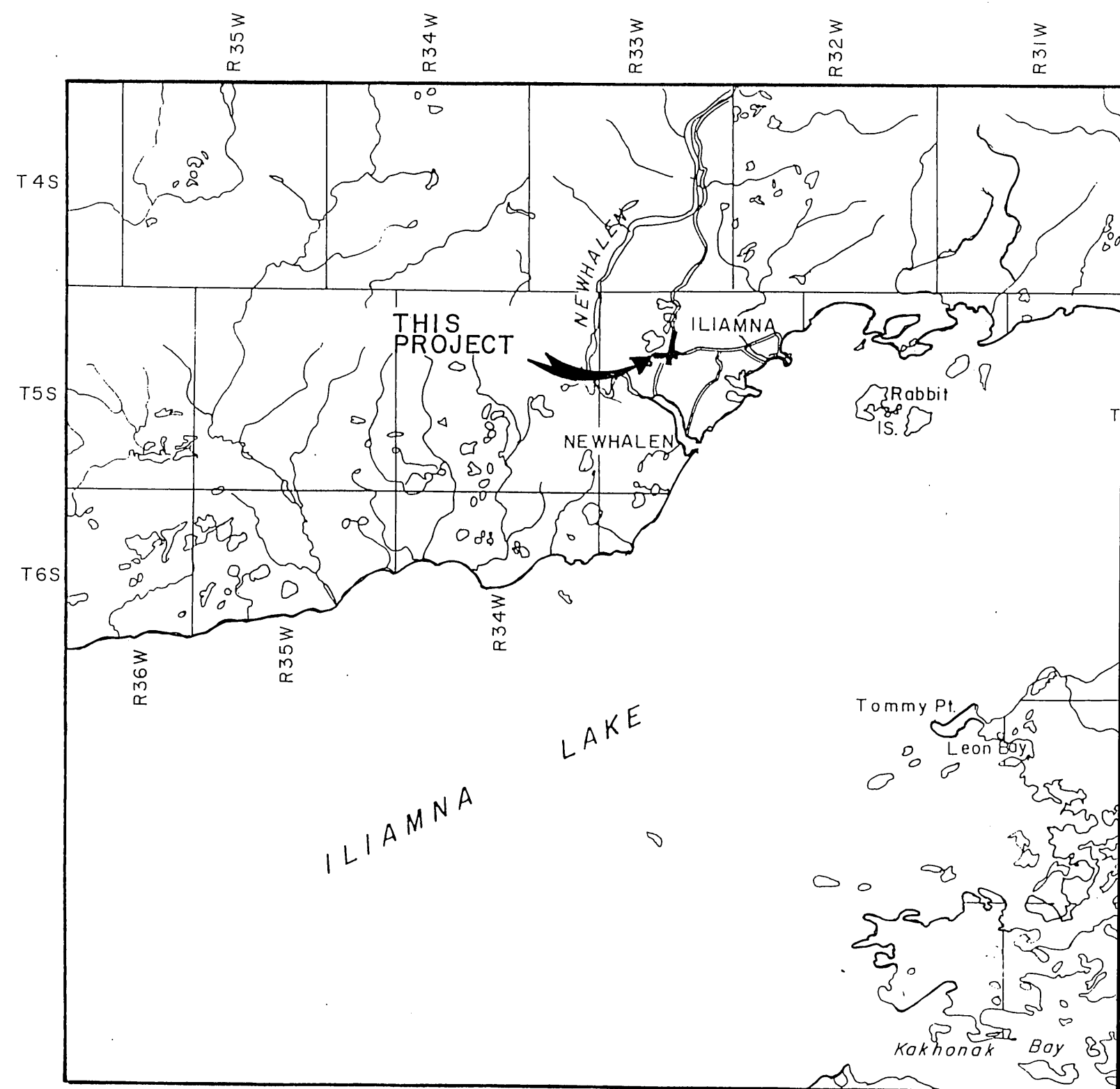
MICROFILMED

ILIAMNA AIRPORT
SHT. 1 of 16 56891



LOCATION MAP

NO SCALE



VICINITY MAP

1"=4 MILES

QUANTITIES

No.	ITEM	QUANTITY	UNIT
100	MOBILIZATION & DEMOBILIZATION	ALL REQ'D	L.S.
120	DBE ADJUSTMENT	ALL REQ'D	C.S.
121	CONSTRUCTION SURVEYING BY CONTRACTOR	ALL REQ'D	L.S.
125	ENGINEERING TRANSPORTATION	ALL REQ'D	L.S.
130	ENGINEER FIELD OFFICE AND LABORATORY	ALL REQ'D	L.S.
330a	UNCLASSIFIED EXCAVATION	78,706	C.Y.
330b	BORROW EXCAVATION	0	C.Y.
540	AGGREGATE SURFACE COURSE	21,460	C.Y.
730	REFLECTIVE MARKERS	137	EACH
1000a	NEW REGULATOR, L-828	2	EACH
1000e	NEW MEDIUM INTENSITY RUNWAY MARKER LIGHT, L-861	100	EACH
1000f	NEW TAXIWAY MARKER LIGHT, L-861T	37	EACH
1000g	NEW HANDHOLE, L-867	8	EACH
1000k	2" P.E. CONDUIT	ALL REQ'D	L.S.
1000l	UNDERGROUND CABLE #8 AWG COPPER, 5KV TYPE "B", L-824	ALL REQ'D	L.S.
1000m	#6 BARE COPPER GROUND CONDUCTOR	ALL REQ'D	L.S.
1000o	REMOVE EXISTING RUNWAY & TAXIWAY LIGHTS (SEE C.O. #2)	ALL REQ'D	L.S.
1000p	UNDERGROUND CABLE #6 AWG COPPER, 600V TYPE "B", L-824	ALL REQ'D	L.S.
1000q	GROUND RODS	14	EACH
1000r	NEW SINGLE-FACED MANDATORY INSTRUCTION SIGNS	5	EACH
1000s	NEW DOUBLE-FACED MANDATORY INSTRUCTION SIGNS	2	EACH
1010	8 FOOT LIGHTED WIND CONE	1	EACH
1040	STRUCTURE ELECTRICAL WORK	ALL REQ'D	L.S.
1050	VASI & REIL RELOCATION	ALL REQ'D	L.S.

CHANGE ORDER # 1

130a	FIELD LAB CREDIT	ALL REQ'D	L.S.
270	SURFACE PREPARATION	ALL REQ'D	L.S.
330aa	QUANTITY SURVEYING	ALL REQ'D	L.S.
1000kk	PE CONDUIT CREDIT	ALL REQ'D	L.S.

CHANGE ORDER # 2

1000s(d)	SIGN PAD	ALL REQ'D	L.S.
1010a	CEILING LIGHT POWER	ALL REQ'D	L.S.
1040a	NEW REGULATOR HANDHOLE	ALL REQ'D	L.S.
1050a	NEW REIL LIGHT CAN	ALL REQ'D	L.S.
1050b	VASI CABLE	ALL REQ'D	L.S.

CHANGE ORDER # 3

1040b	NEW CONTACTORS	ALL REQ'D	L.S.
1040c	RADIO RECIEVER INTERFACE	ALL REQ'D	L.S.
1040d	F.S.S. CONTROLS	ALL REQ'D	L.S.
1050c	SOUTH VASI FEED	ALL REQ'D	L.S.

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ADDENDUM No. 1 17 of 17

CHANGE ORDER # 4

1040c	NEW PREFABRICATED ELECTRICAL ENCLOSURE	1	L.S.
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CHANGE ORDER # 5

1050d	VASI TRANSFORMER	1	L.S.
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CHANGE ORDER # 6

EXTEND CONTRACT TIME TO 8-1-1991

CHANGE ORDER # 7

REDUCE DBE GOAL FROM 15% TO 14.1%

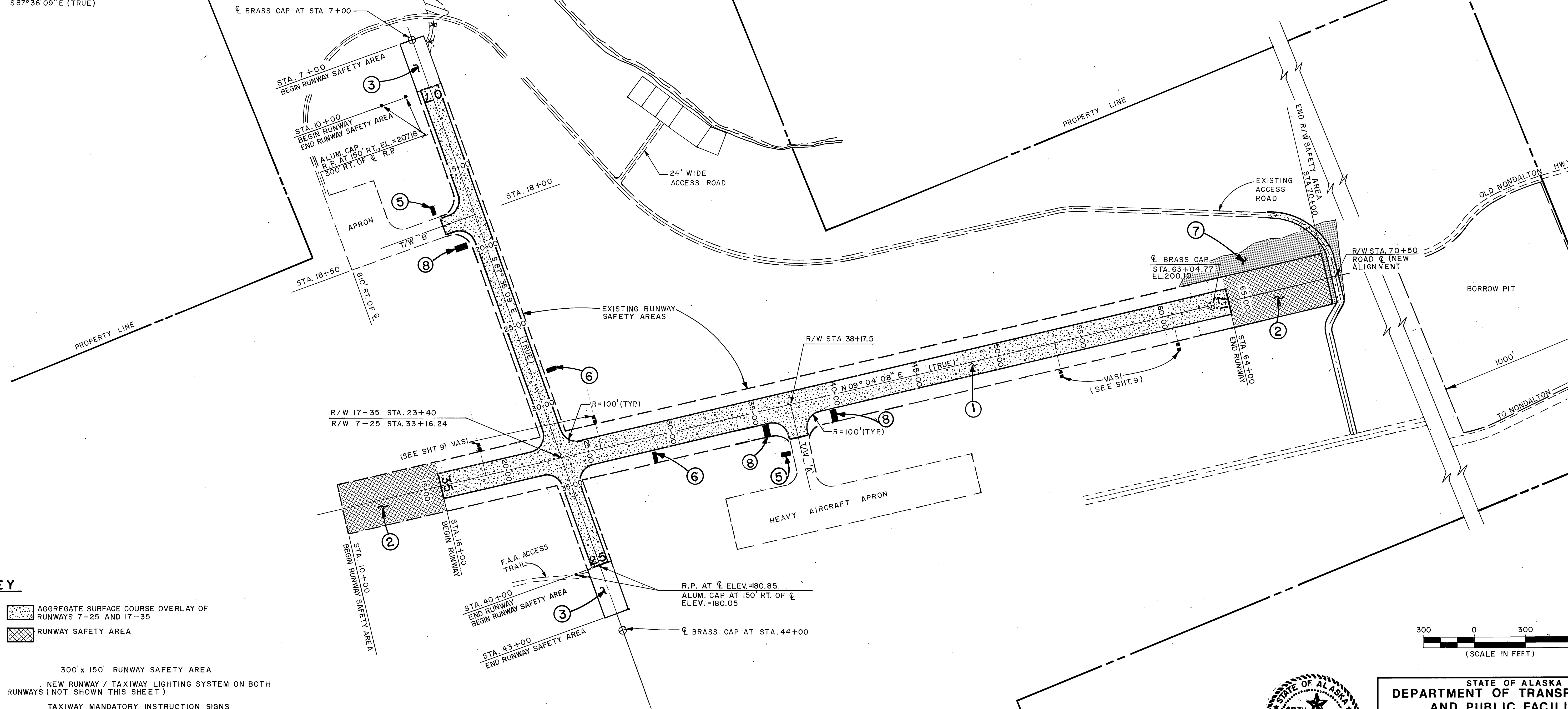


STATE OF ALASKA	
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	
ILIAMNA AIRPORT	
56891	
A.I.P. No. 3-02-0132-02	
LOCATION & VICINITY MAPS, INDEX AND ESTIMATED QUANTITIES	

APPROVED	Steve Van Horn	DESIGN SECTION CHIEF
APPROVED	William F. Koester	PROJECT MANAGER
SCALE	DESIGNED	DRAWN
AS SHOWN	CHECKED	DATE
REVISIONS		

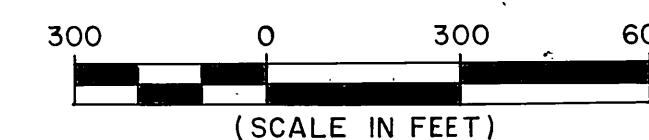
NOTES:

VERTICAL CONTROL B.M. LOCATED
150' RT. OF ℓ R/W 7-25 STA. 10+00
ALUM. CAP ELEV. = 207.18
HORIZONTAL CONTROL IS BRASS CAPS ON
 ℓ R/W 7-25 HAVING A BEARING OF
S87°36'09"E (TRUE)



KEY

- ① AGGREGATE SURFACE COURSE OVERLAY OF RUNWAYS 7-25 AND 17-35
- ② RUNWAY SAFETY AREA
- ③ 300' x 150' RUNWAY SAFETY AREA
- ④ NEW RUNWAY / TAXIWAY LIGHTING SYSTEM ON BOTH RUNWAYS (NOT SHOWN THIS SHEET)
- ⑤ TAXIWAY MANDATORY INSTRUCTION SIGNS
- ⑥ RUNWAY MANDATORY INSTRUCTION SIGNS
- ⑦ UNCLASSIFIED EXCAVATION
- ⑧ TAXIWAY IDENTIFICATION SIGNS



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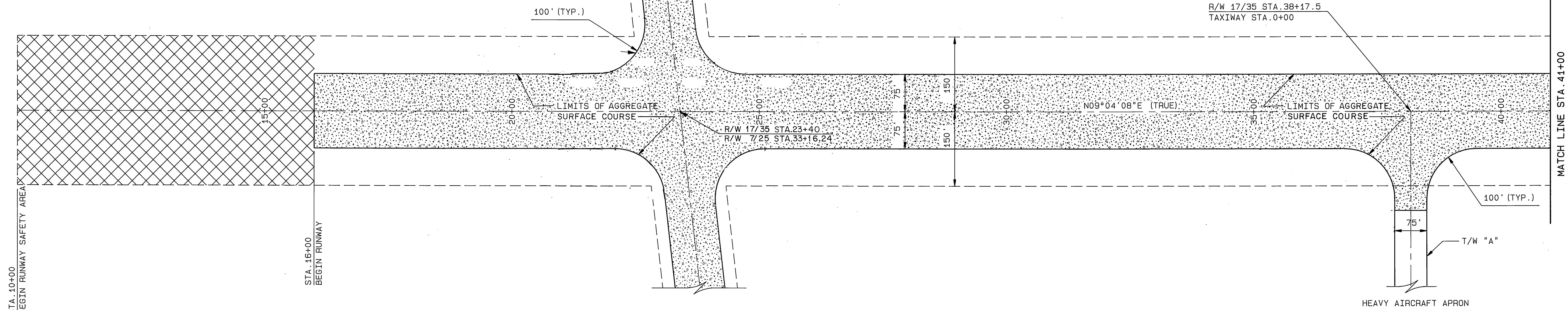
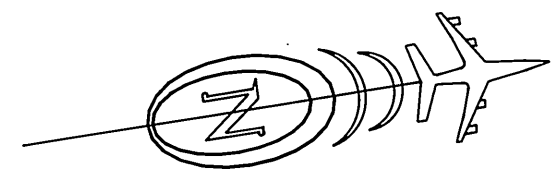
PROJECT LAYOUT PLAN

APPROVED		STEVE VAN HORN, P.E.		DESIGN GROUP CHIEF	
APPROVED		WILLIAM KOESTER, P.E.		PROJECT MANAGER	
BY	DATE	AS-BUILT	CHANGE	SCALE	DESIGNED
9/2	7/19/91			1" = 300'	03
REVISIONS			CHECKED	DATE	SHEET
				8-7-89	3 OF 16

AS-BUILT 11/91 SHT. 3 OF 17

6" AGGREGATE SURFACE COURSE
RUNWAY SAFETY AREA

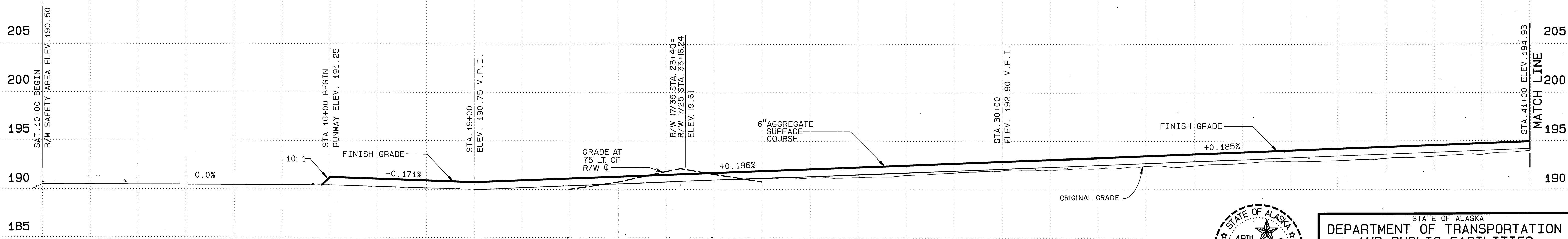
FROM STA.21+00 TO STA.25+00 WARP
GRADES AT 75' LT. OF R/W 17/35 C.



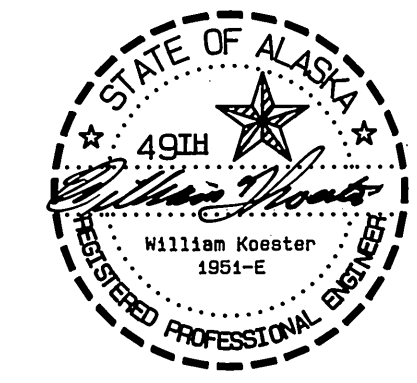
PLAN
SCALE: 1" = 100'

NOTE
SURFACE PREPARATION ESTABLISHED CROWN SECTION
ON SUBGRADE - STA 10+00 TO 50+00. SEE ITEM 270,
C.O. # 1.

NOTE
ALL ELEV. ARE TO TOP OF 6"
AGGREGATE SURFACE COURSE.

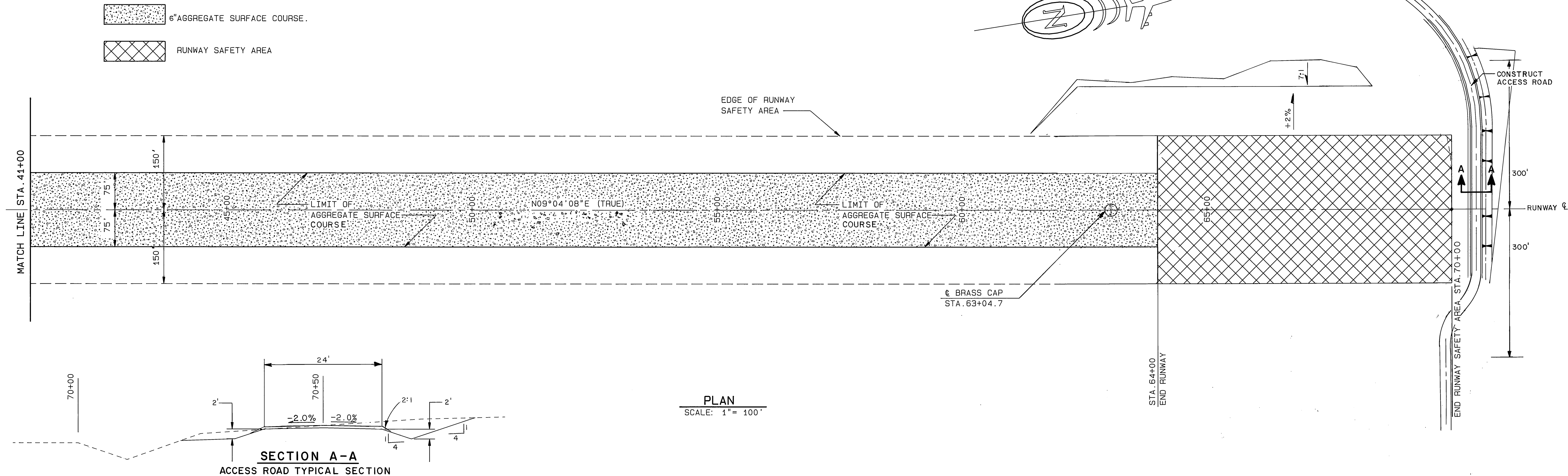


PROFILE
SCALE: HORZ. 1" = 100'
VERT. 1" = 5'

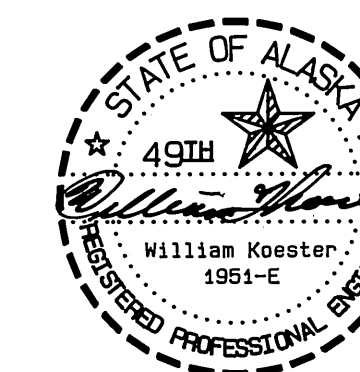
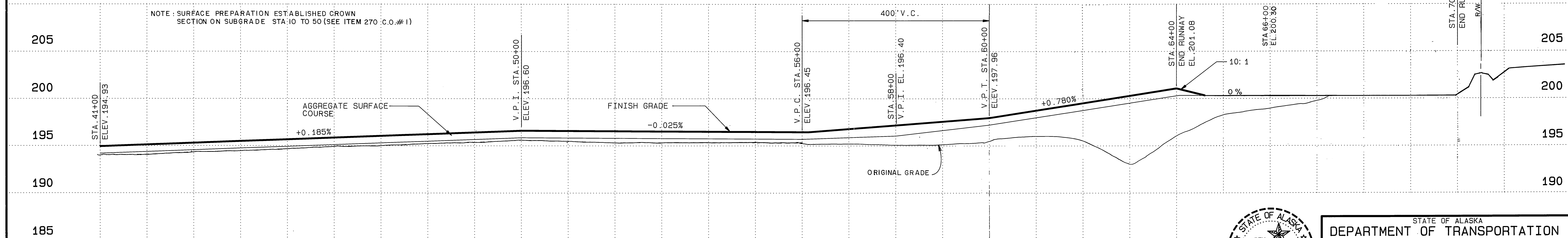


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ILIAMNA AIRPORT
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A.I.P. No. 03-02-0132-02
RUNWAY 17/35 PLAN AND PROFILE
STA. 10+00 TO STA. 41+00

APPROVED		DESIGN SECTION CHIEF	
APPROVED		PROJECT MANAGER	
SCALE	DESIGNED	DATE	8-7-89
AS SHOWN	CHECKED	DATE	8-7-89
REVISIONS			
BY	DATE	CHANGED	
AS-BUILT	4/19/91		



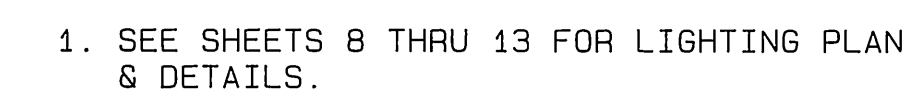
NOTE:
ALL ELEVATIONS ARE TO TOP OF
6" INCH AGGREGATE SURFACE
COURSE.



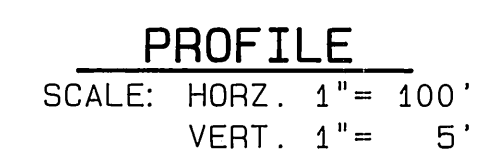
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A.I.P. No. 03-02-0132-02
RUNWAY 17/35 PLAN AND PROFILE
STA. 41+00 TO STA. 70+00

APPROVED	STEVE VAN HORN, P.E.	DESIGN SECTION CHIEF
APPROVED	WILLIAM F. KOESTER, P.E.	PROJECT MANAGER
SCALE	AS SHOWN	DESIGNED 90
DATE	8-7-89	CHECKED
BY	DATE	CHANGED
REVISIONS		



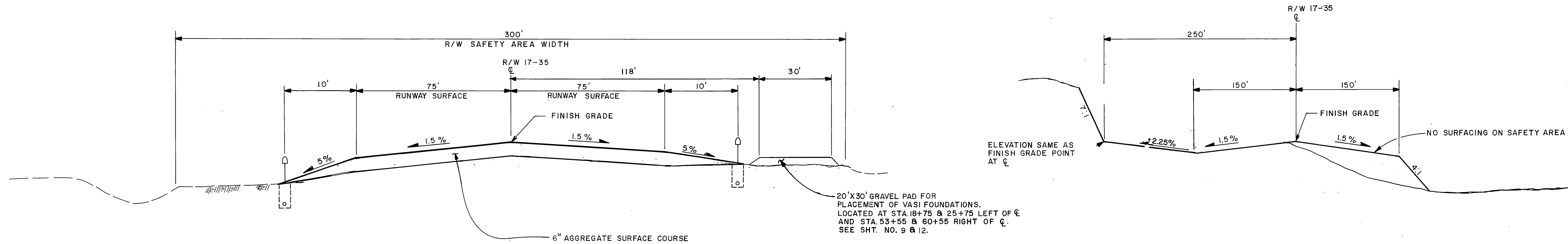
NOTE:
ALL ELEVATIONS ARE TO TOP OF
6" INCH AGGREGATE SURFACE
COURSE.



56891

A.I.P. No. 03-02-0132-02
RUNWAY 7/25 PLAN AND PROFILE
STA.7+00 TO STA.30+00

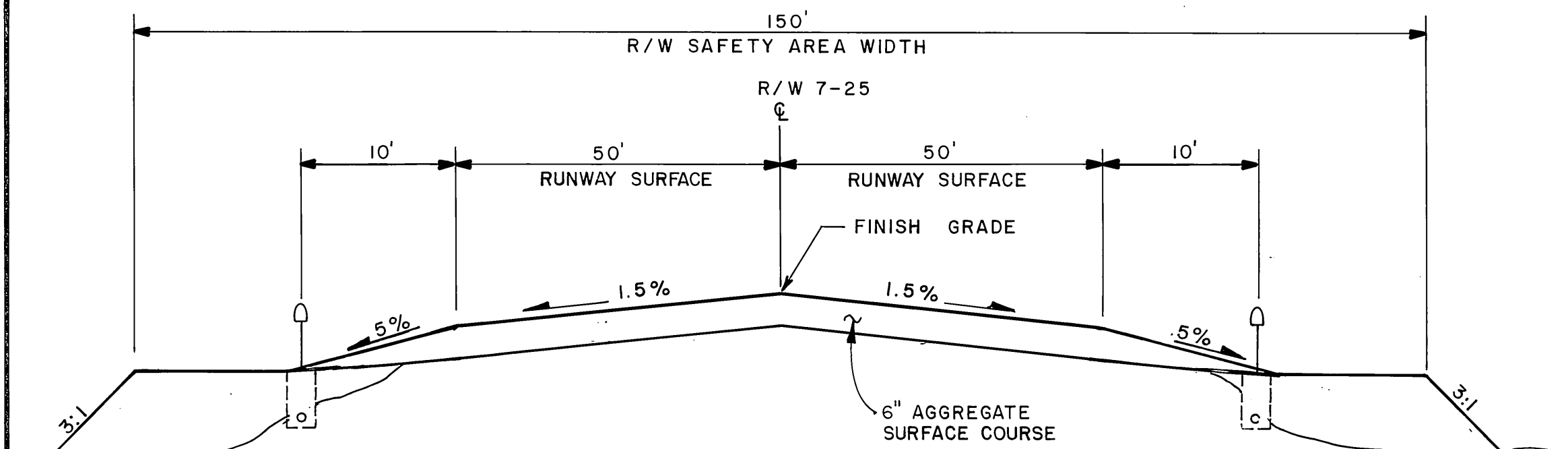
AS-BUILT 11/91



THE 1.5% CROWN ON THE LEFT VARIES FROM STA. 21+00 TO STA. 25+00 TO MATCH THE CROSSWIND RUNWAY INTERSECTION. SEE SHEET 4.

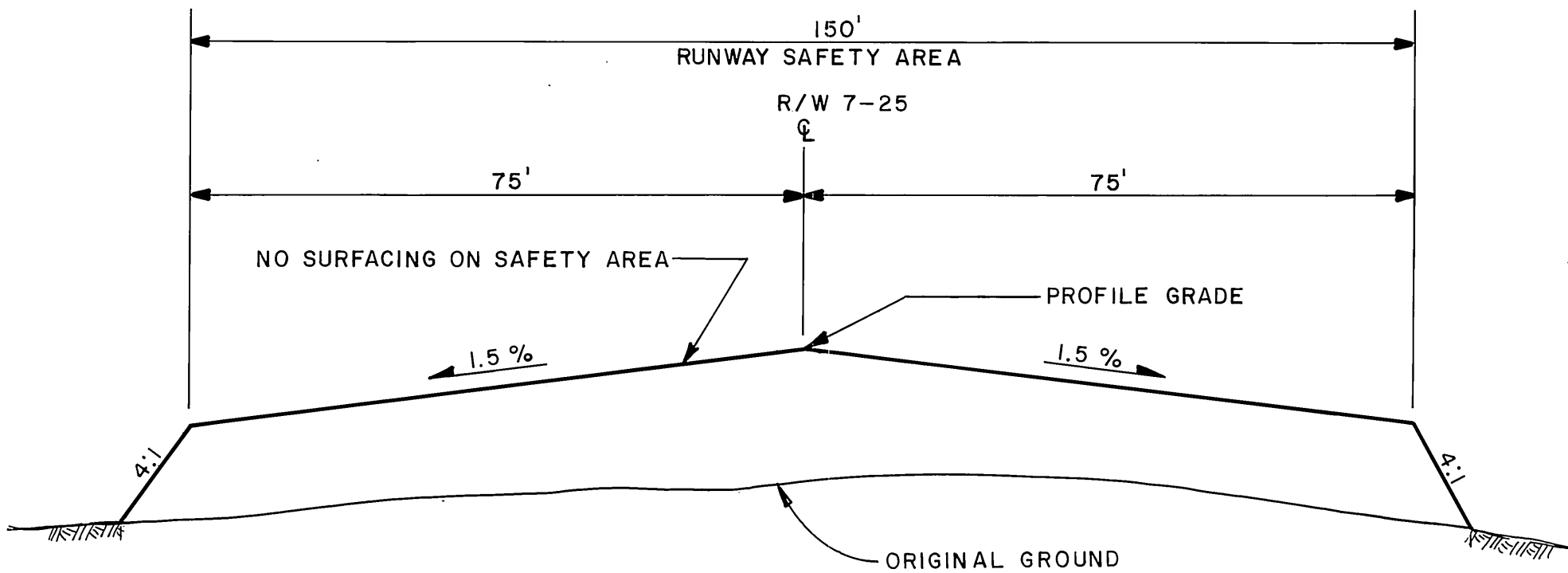
TYPICAL SECTION R/W 17-35
STA. 16+00 TO STA. 64+00

R/W 17-35 SAFETY AREA EXPANSION
STA. 10+00 TO STA. 16+00
AND
STA. 64+00 TO STA. 70+00

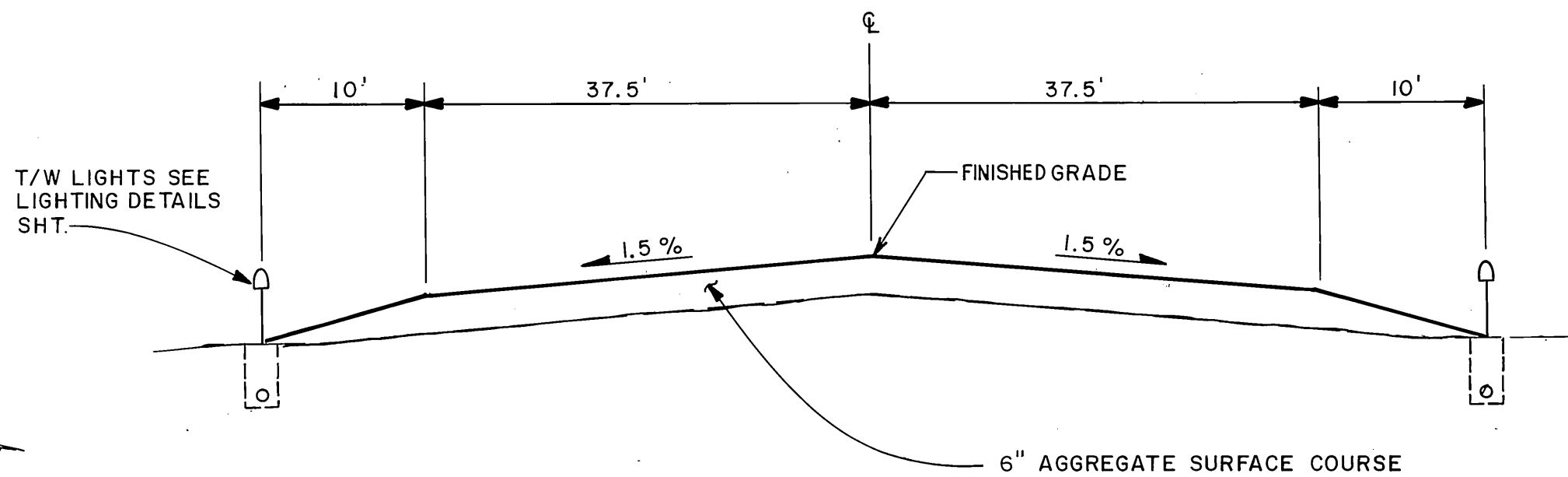


NOTE:
NEW R/W LIGHTS AND LIGHT BASES (TYP. BOTH SIDES)

TYPICAL SECTION R/W 7-25
STA. 10+00 TO STA. 40+00



R/W 7-25 SAFETY AREA EXTENSIONS
STA. 7+00 TO STA. 10+00
AND
STA. 40+00 TO STA. 43+00



NOTE:
FINISHED GRADE ON THE TAXIWAYS SHALL BE A STRAIGHT LINE FROM THE HINGE POINT WHICH IS THE EDGE OF SHOULDER, TO THE MATCH POINT DESIGNATED ON THE PLAN SHEETS OR AS DIRECTED BY THE ENGINEER

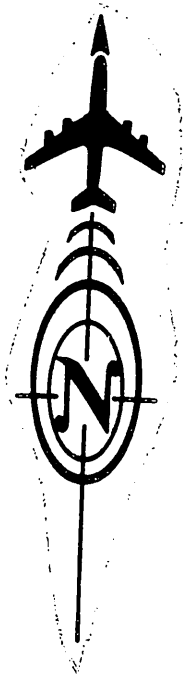
TYPICAL T/W SECTION



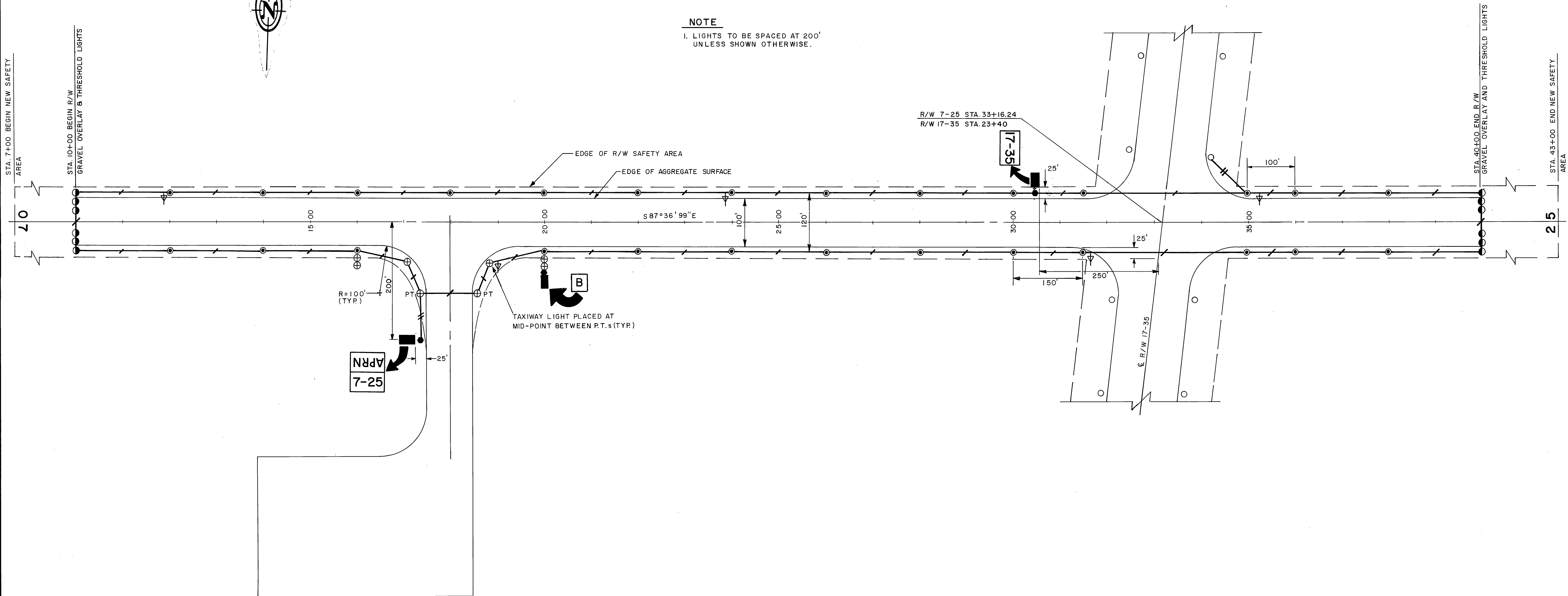
STATE OF ALASKA
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A.I.P. No. 03-02-0132-02
TYPICAL SECTIONS

APPROVED	STEVE VAN HORN, P.E.	DESIGN GROUP CHIEF
APPROVED	WILLIAM F. KOESTER, P.E.	PROJECT MANAGER
BY	DATE	AS-BUILT
NO SCALE	DESIGNED	DRAWN
NO SCALE	CHECKED	DATE
REVISIONS		



NOTE
1. LIGHTS TO BE SPACED AT 200'
UNLESS SHOWN OTHERWISE.

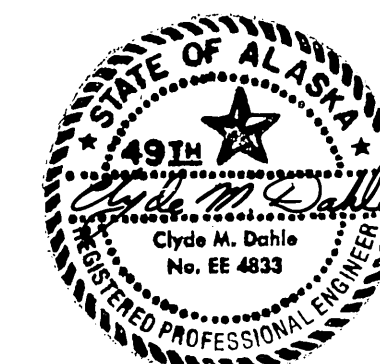


LEGEND

- NEW M.I.R.L. (WHITE)
- NEW TAXIWAY LIGHTS (BLUE)
- NEW THRESHOLD LIGHTS
- NEW 3/4" X 10' GROUND ROD
- NEW 2" P.E. CONDUIT. HASH MARKS INDICATE NUMBER OF 5 KV. CABLES WITH A SINGLE #6 BARE COPPER GROUND WIRE
- NEW HANDHOLE
- NEW MANDATORY INSTRUCTION SIGN

LIGHT & CONE SCHEDULE									
SYMBOLS		NO. REQ.		LOCATION	LIGHT DETAILS			CONE DETAILS	
LIGHT	CONE	L	C		LIGHT COLOR	F.A.A. NUMBER	WATTAGE	CONE COLOR	BAND COLOR
6 R	*	12	12	THRESHOLD	180° RED-180° GRN	L-861E	45	ORANGE	RED-GREEN
⊕	*	8	8	T/W-APRON	BLUE	L-861T	45	ORANGE	BLUE
⊙	*	27	27	RUNWAY	WHITE	L-861	30	ORANGE	WHITE
		47	47	TOTAL UNITS REQUIRED					

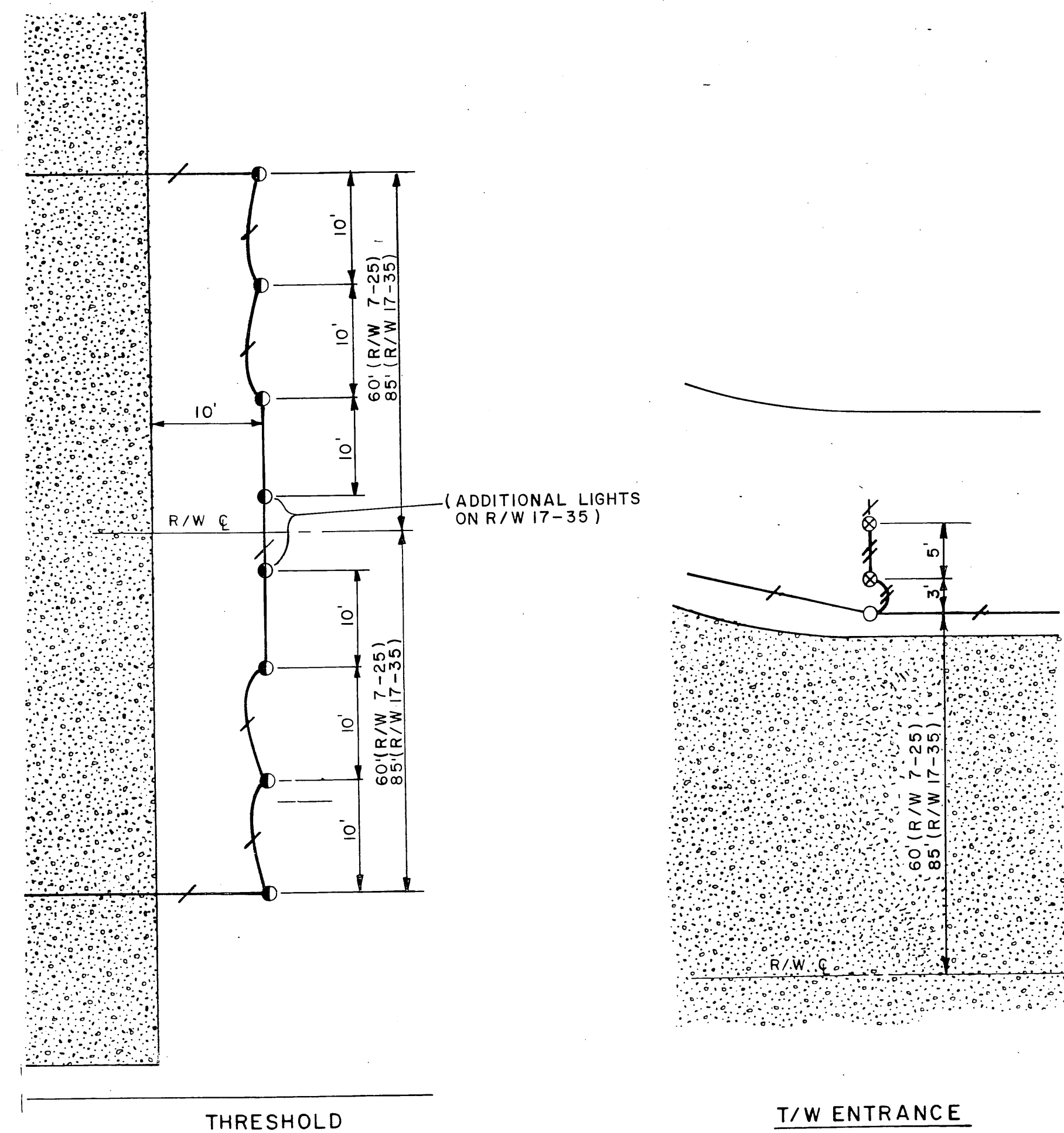
*CONES SHALL BE INSTALLED ON EACH RESPECTIVE LIGHT AS SHOWN ON SHEET 10.



STATE OF ALASKA
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A.I.P. No. 03-02-0132-02
RUNWAY 7-25 LIGHTING PLAN

APPROVED		STEVE VAN HORN, PE		DESIGN GROUP CHIEF	
APPROVED		WILLIAM F. KOESTER, P.E.		PROJECT MANAGER	
BY	DATE	AS-BUILT	CHANGE	SCALE	1"=100'
4/17/91		8/89		DESIGNED	CMD
				DRAWN	CG
				CHECKED	4
				DATE	8-7-89
				SHEET	10 OF 16

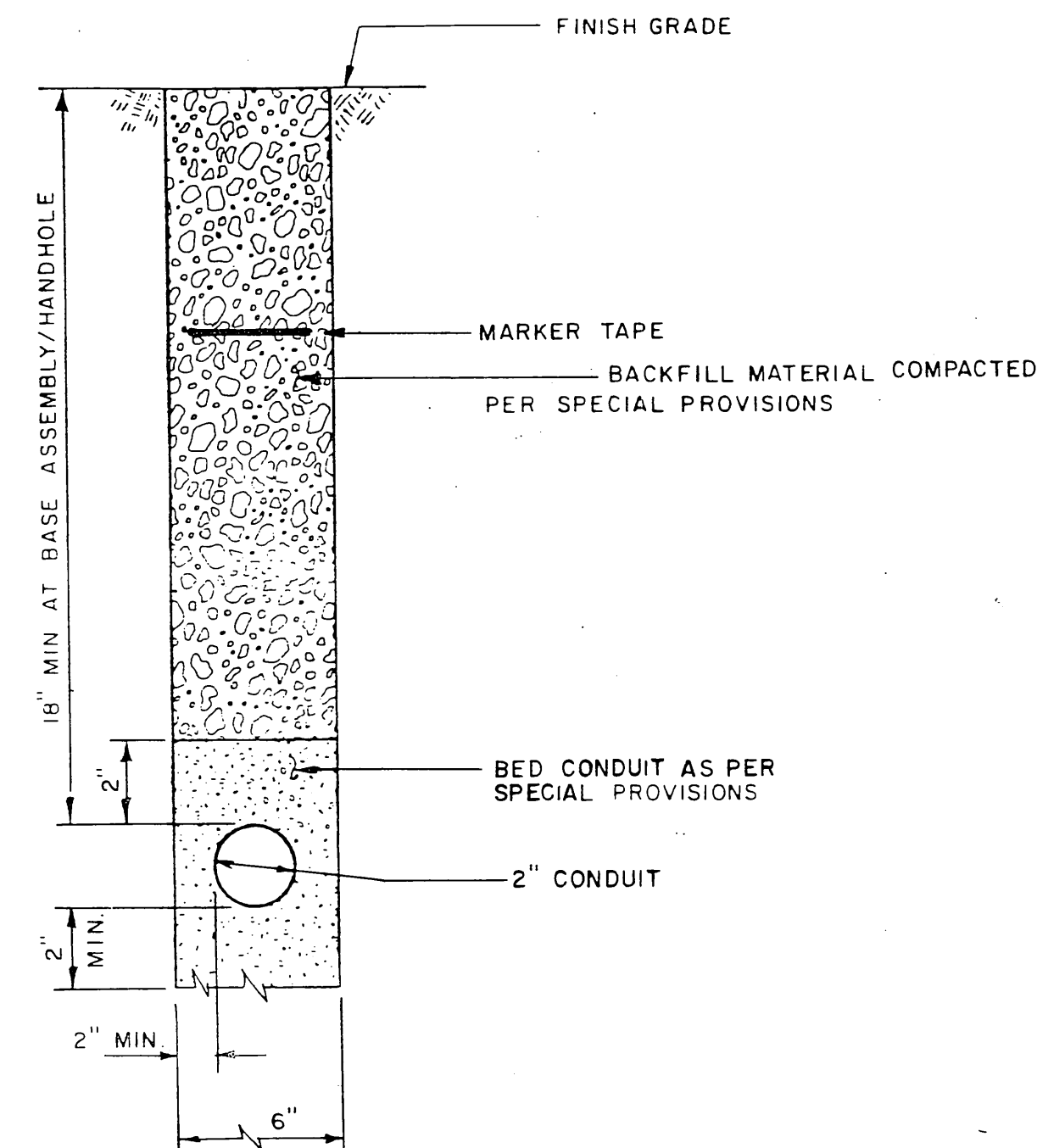
AS-BUILT 11/91 SHT. 10 OF 17



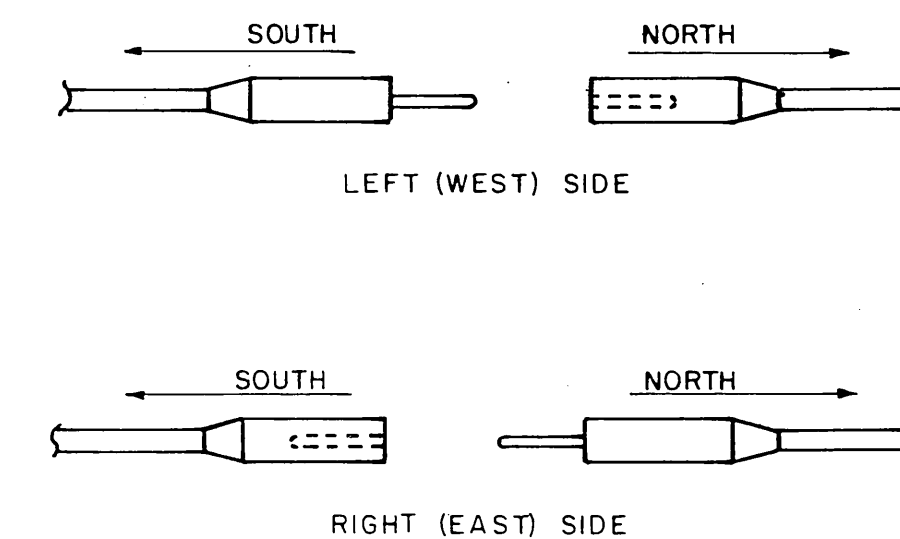
THRESHOLD

T/W ENTRANCE

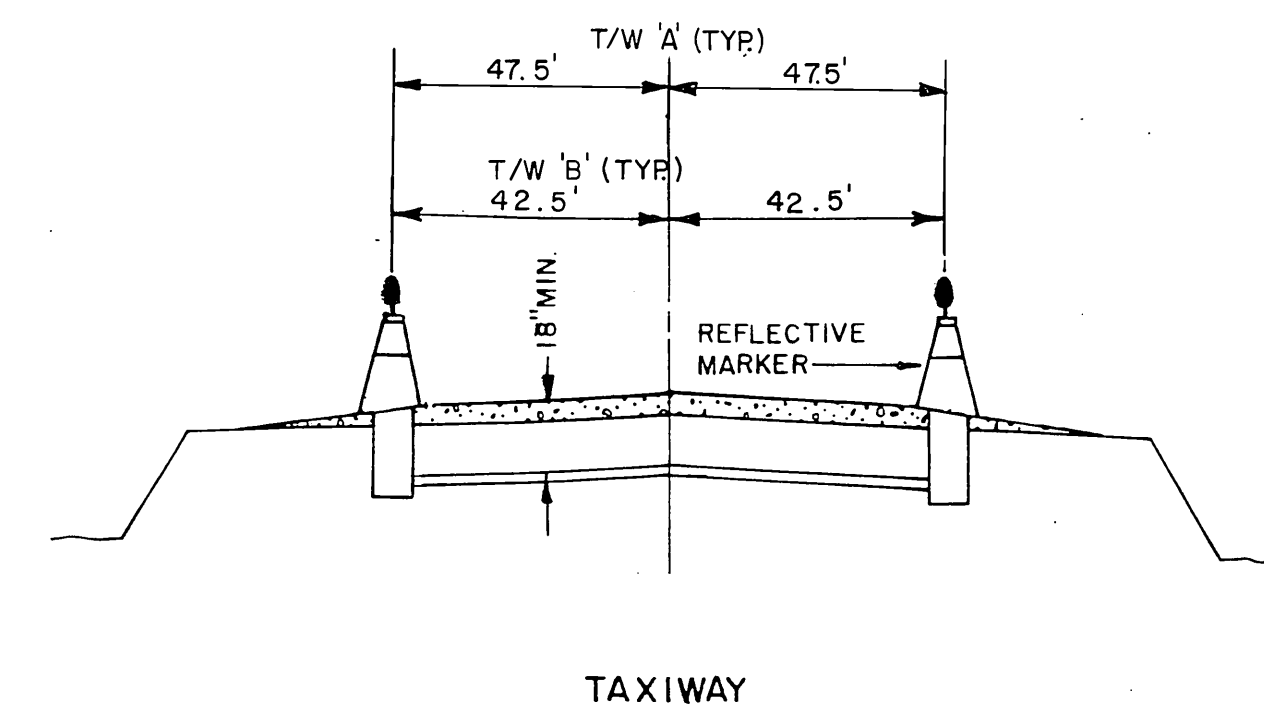
LIGHTING DETAILS
SCALE: 1" = 10'



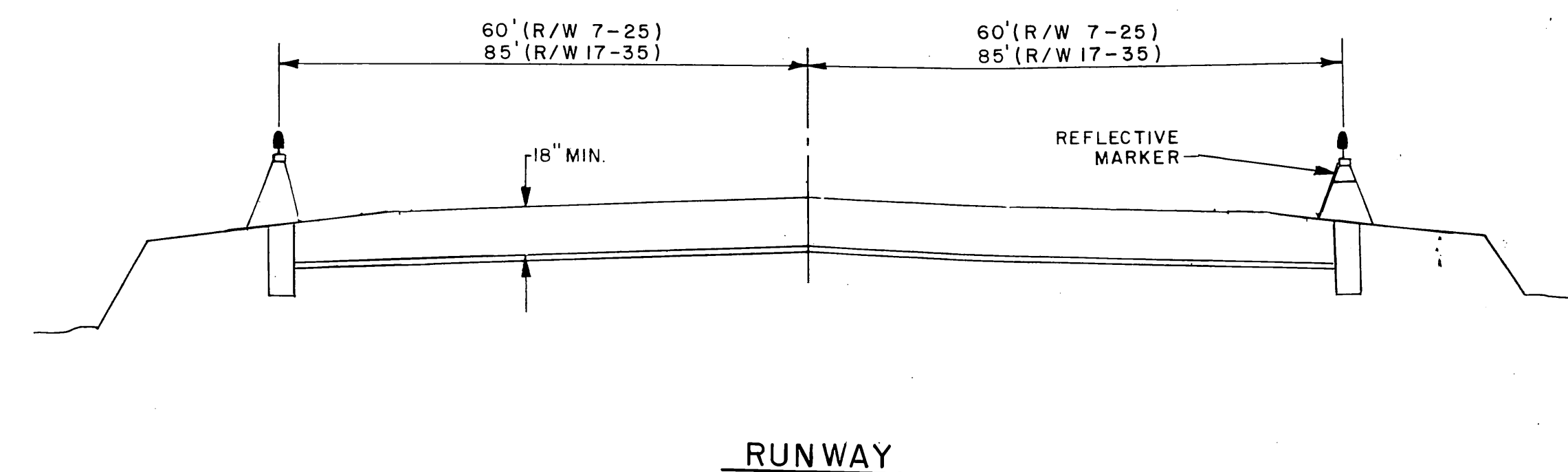
CONDUIT TRENCH DETAIL



ORIENTATION OF L-823 CABLE
CONNECTORS IN LIGHT BASE DETAIL
NO SCALE

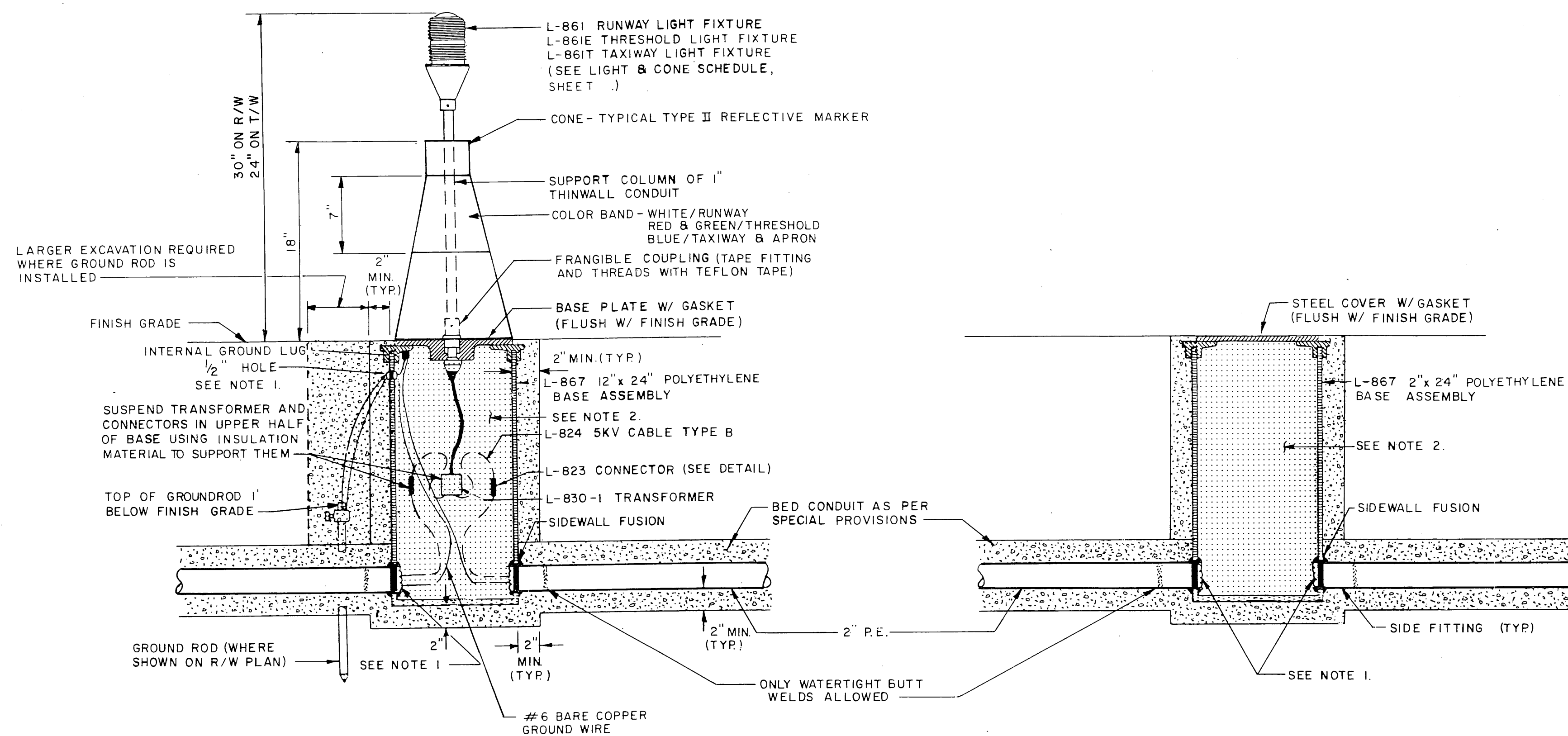


TAXIWAY



RUNWAY

TYPICAL LIGHTING SECTION
NO SCALE

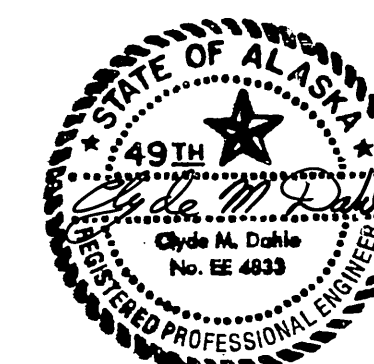


MEDIUM INTENSITY R/W-T/W LIGHT DETAIL

HANDHOLE DETAIL

NOTES:

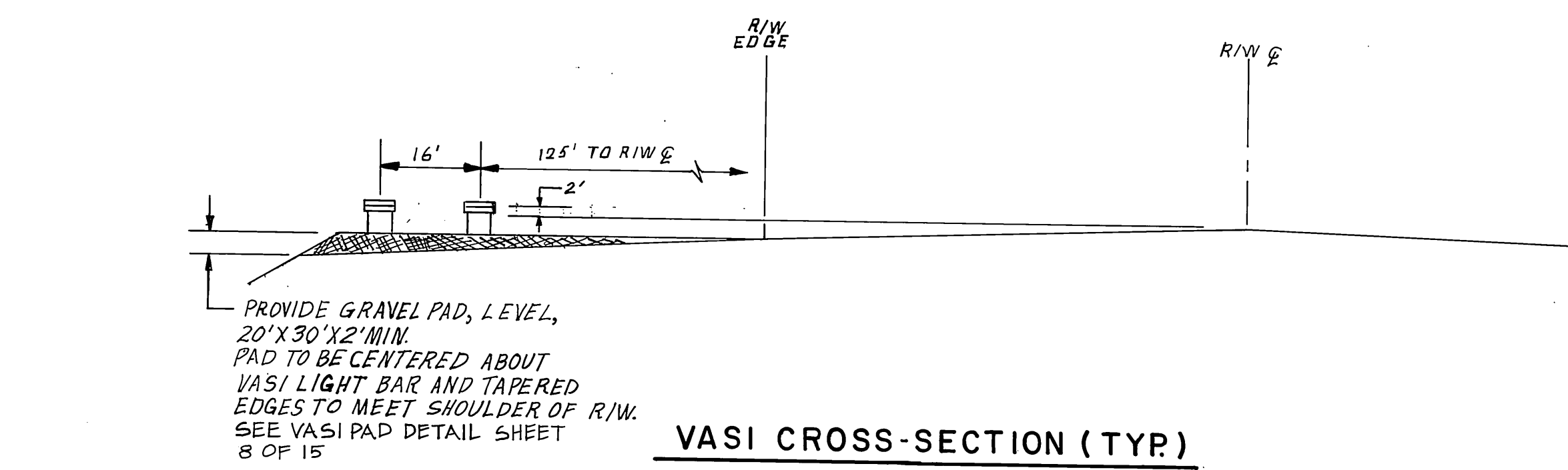
1. CONDUITS AND ANY OPENINGS WERE CAULKED TO PREVENT WATER FROM ENTERING THE BASE ASSEMBLIES.
2. BASE ASSEMBLIES WERE SEALED WATERTIGHT AND FILLED WITH GILSULATE 500
3. THE BASE ASSEMBLIES SHALL BE TYPE L-867, CLASS B, SIZE B, MADE FROM HIGH DENSITY POLYETHYLENE.
4. THE CONDUIT STUB WAS SIDEWALL FUSED TO THE BASE ASSEMBLIES AT THE FACTORY.



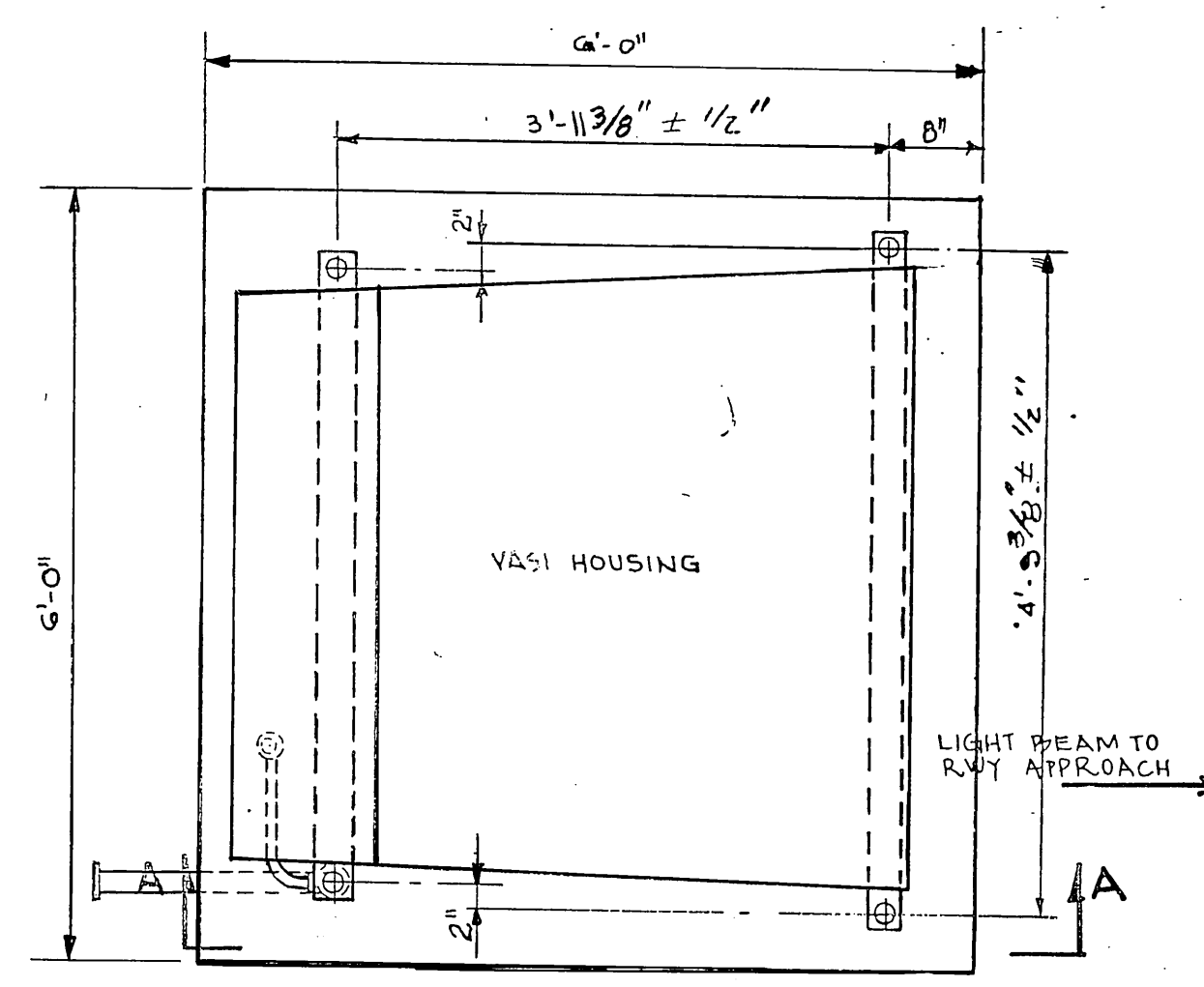
						APPROVED <i>Steve Van Horn</i>	STEVE VAN HORN, P.E.			DESIGN GROUP CHIEF					
						APPROVED <i>William Kester</i>	WILLIAM KESTER, P.E.			PROJECT MANAGER					
8/1/91	AS-BUILT			CHANGE		SCALE	DESIGNED	CMD	DRAWN	N.B.	CHECKED	90	DATE	8-7-89	SHEET 11 OF 16
BY	DATE					NO SCALE	CHECKED								
REVISIONS															

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
ILIAMNA AIRPORT
56891
A.I.P. No. 03-02-0132-02
LIGHTING DETAILS

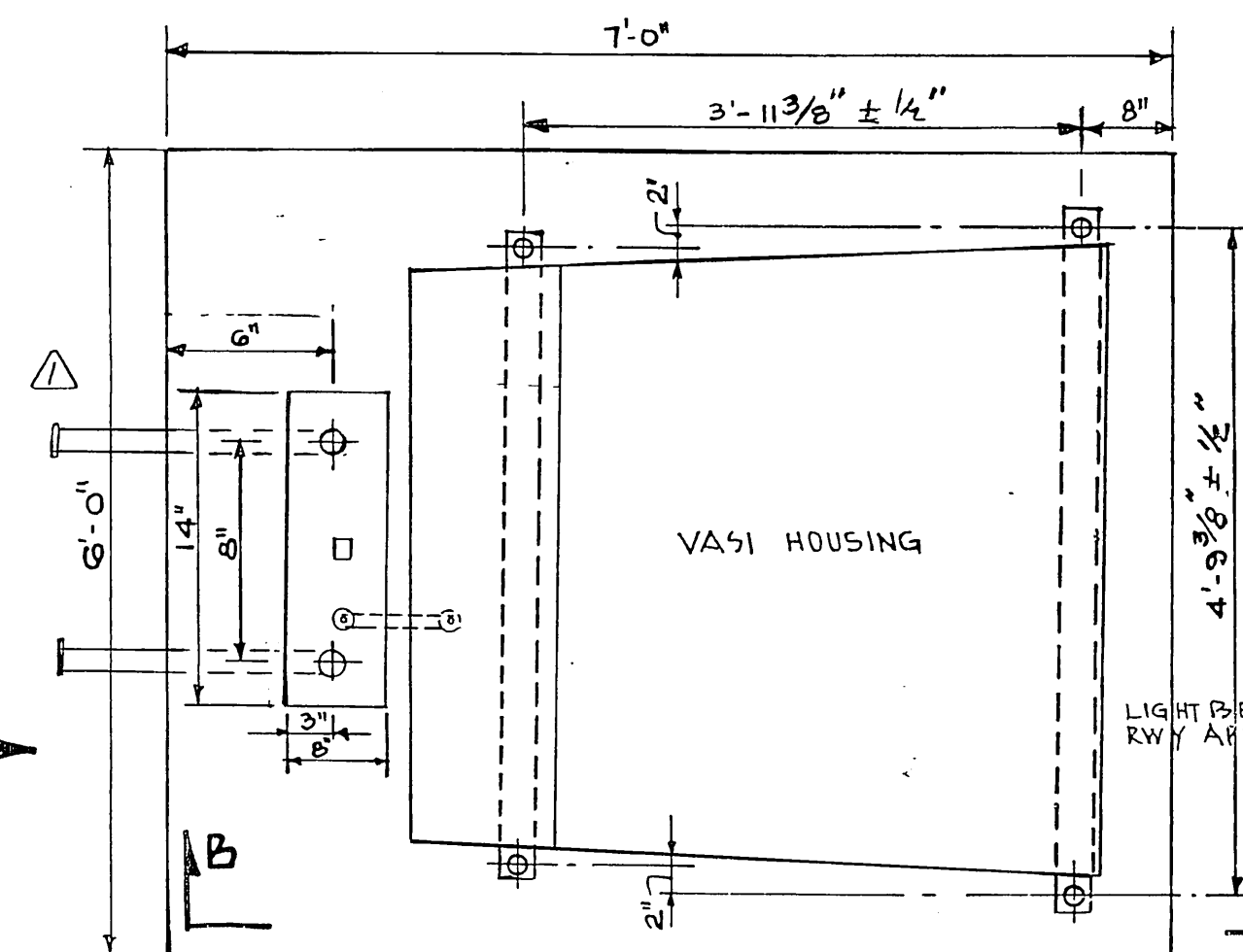
APPROVED		<i>Steve Van Horn</i>		STEVE VAN HORN, P.E.		DESIGN GROUP CHIEF			
APPROVED		<i>William Kester</i>		WILLIAM KESTER, P.E.		PROJECT MANAGER			
SCALE	DESIGNED		CMD		DRAWN		N.B.		
NO SCALE		CHECKED		90		DATE		8-7-89	
						SHEET		11 OF 16	



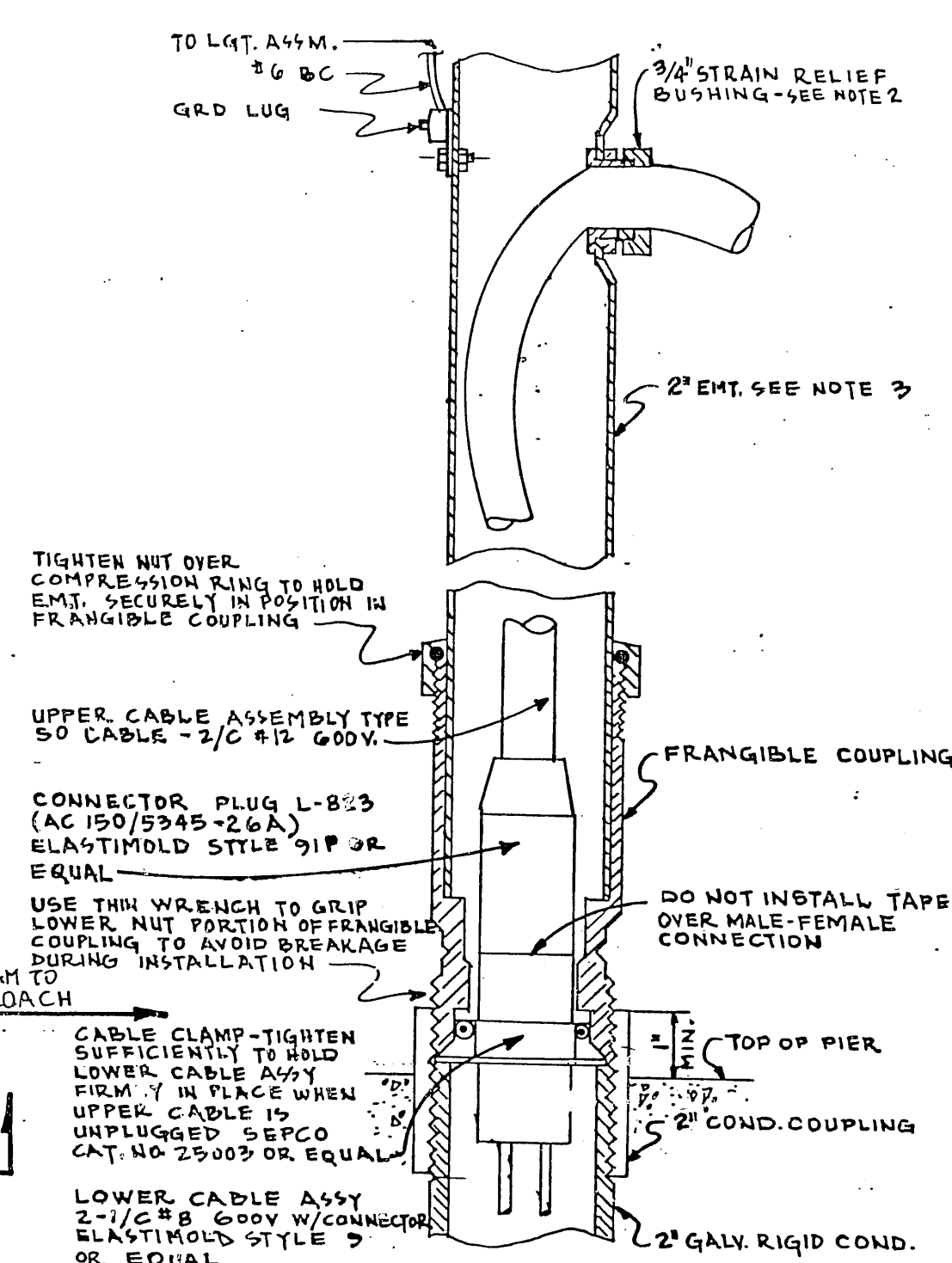
VASI CROSS-SECTION (TYP.)



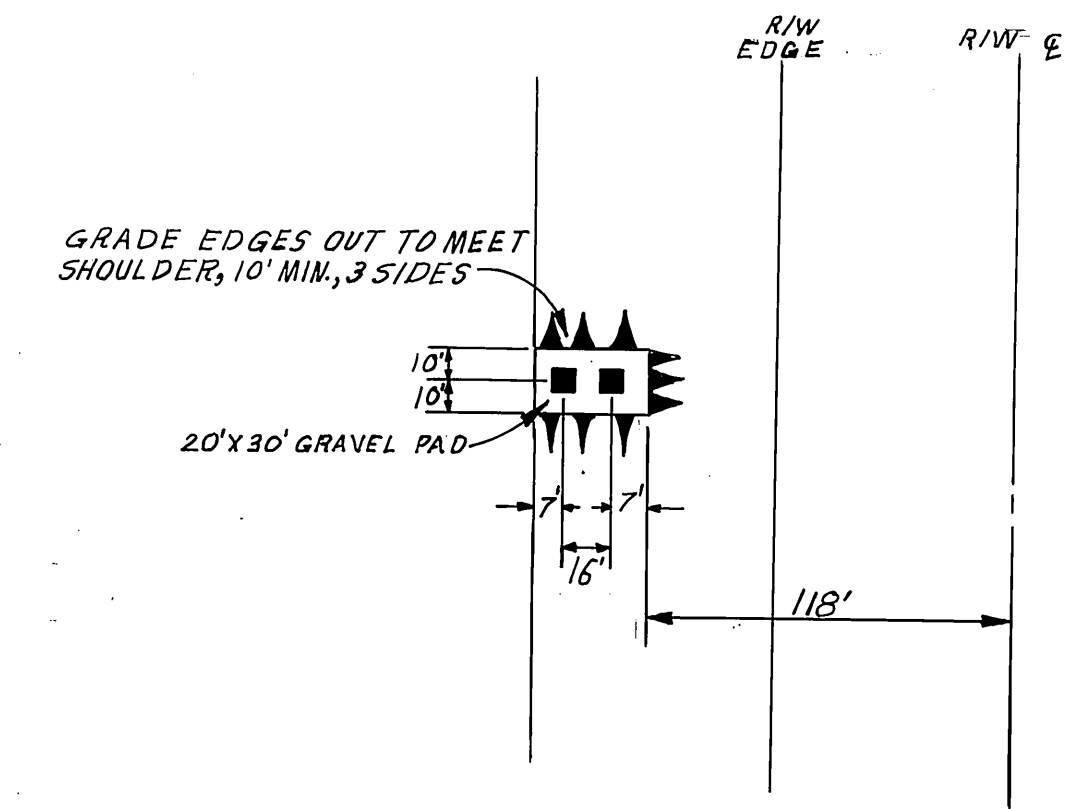
PLAN-TYPE I UNIT



PLAN TYPE II UNIT

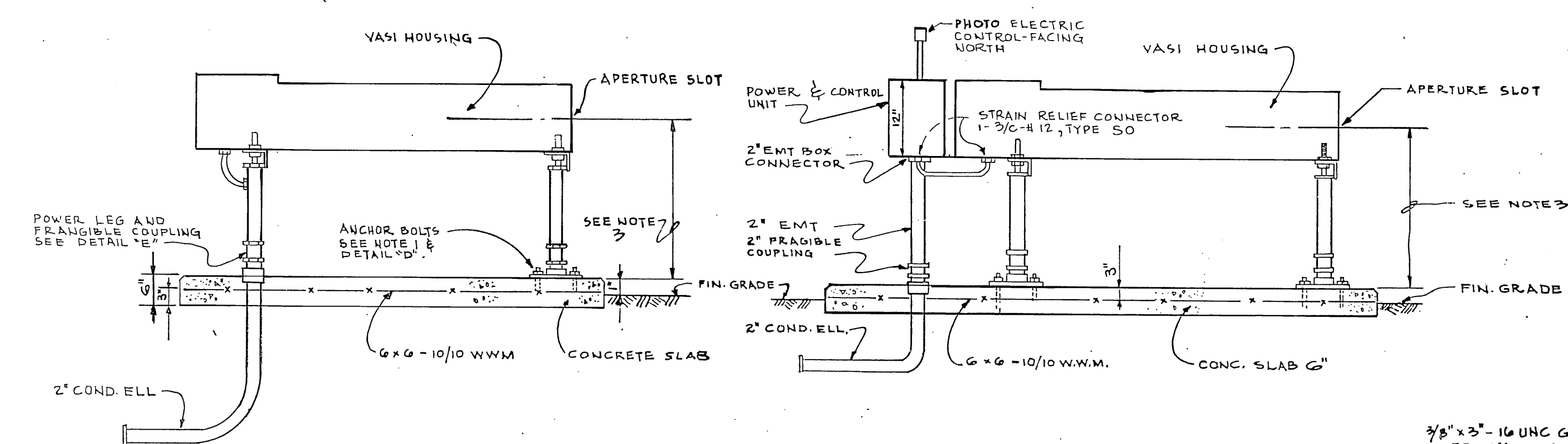


DETAIL E
POWER LEG



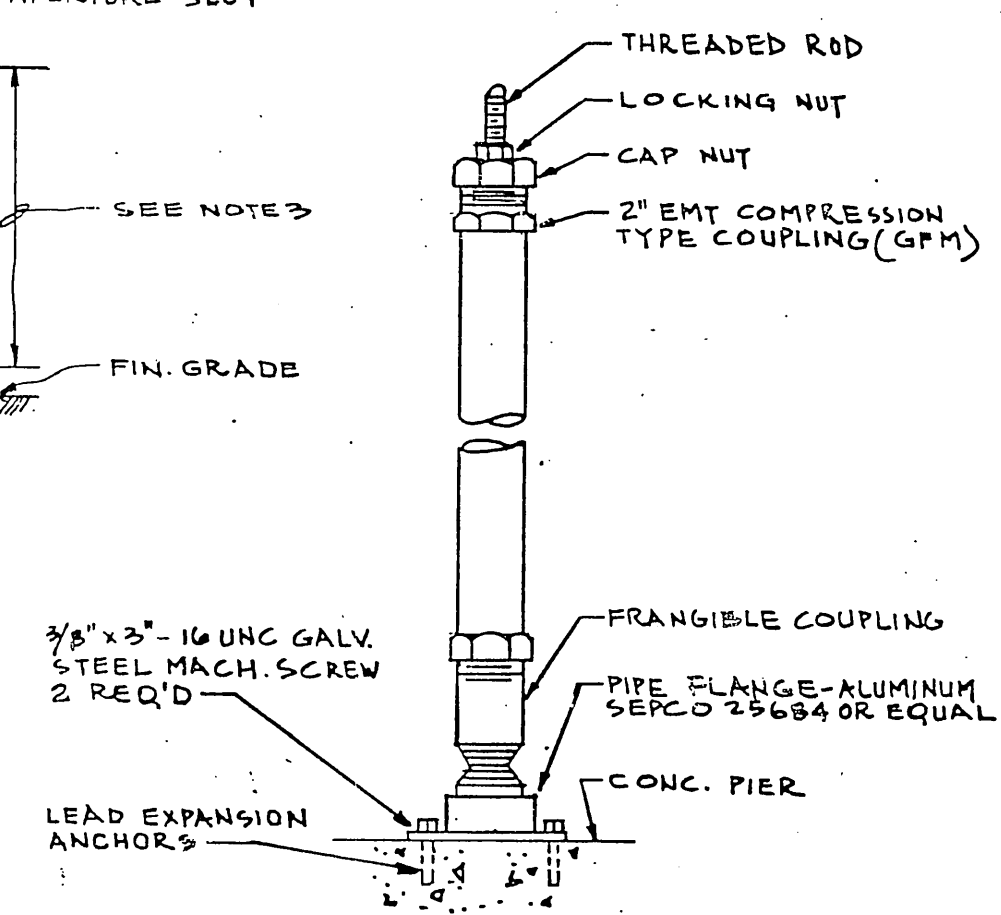
VASI GRAVEL PAD (TYP.)

- NOTES**
1. DRILL HOLES AND INSTALL EXPANSION TYPE ANCHOR BOLTS WHEN VASI UNITS HAVE BEEN ACCURATELY LOCATED ON PIERS.
 2. FORM FLAT AREA ON 2" EMT AND INSTALL STRAIN RELIEF BUSHING USING "GREENLEE" KNOCKOUT CUTTERS AS FOLLOWS:
a. PUNCH 1/2" K.O. HOLES 3" FROM TOP
b. FLATTEN AND REFORM TUBING WALL BY PLACING REVERSED 1" MALE PUNCH INSIDE WITH FLAT TO WALL AND REVERSED 1" FEMALE DIE OUTSIDE, FLAT TO WALL. TIGHTEN DRAW BOLT UNTIL AREA IS FLAT. REMOVE TOOL.
c. CENTER 3/4" K.O. CUTTERS IN FLAT AREA AND COMPLETE PUNCHING OPERATION.
d. INSTALL 3/4" STRAIN RELIEF BUSHING AS SHOWN.
e. LUBRICATE CABLE WITH PULLING COMPOUND DURING INSTALLATION.
 3. 2" EMT LENGTH AS REQUIRED TO HOLD VASI APERTURE SLOT 2' ABOVE RUNWAY CROWN.
 4. AIMING ANGLE UNLESS NOTED:
UPWIND . . . 3.0°
DOWNWIND 2.5°



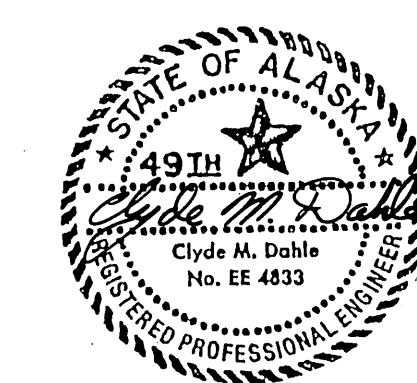
SECTION A-A

SECTION B-B



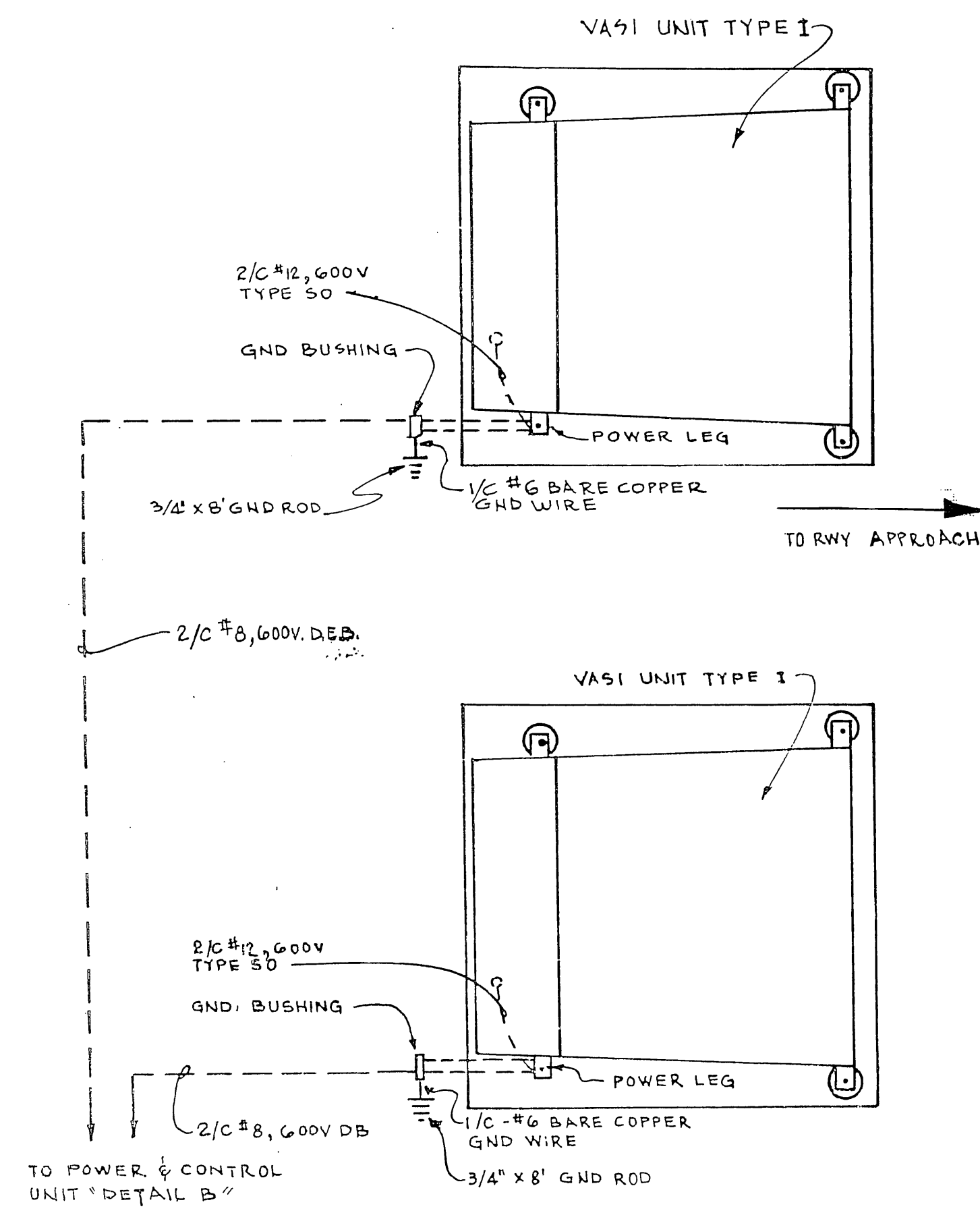
DETAIL D
STRUCTURAL LEG DETAIL

THIS INFORMATION TAKEN FROM
F.A.A. DRAWING NO. ALD-000-302.010

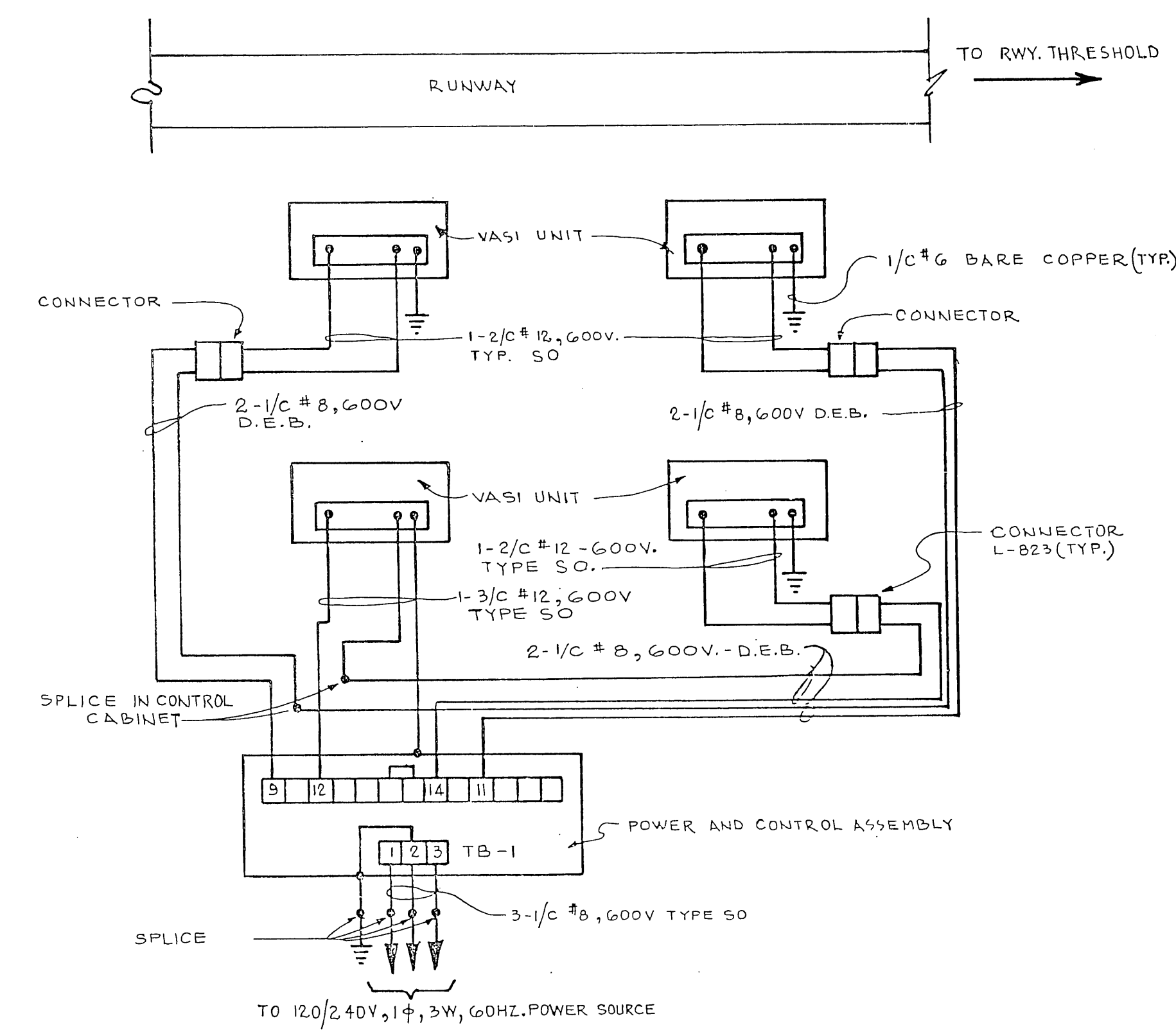


BY	DATE	AS-BUILT
11/19/77		
REVISIONS	CHANGE	

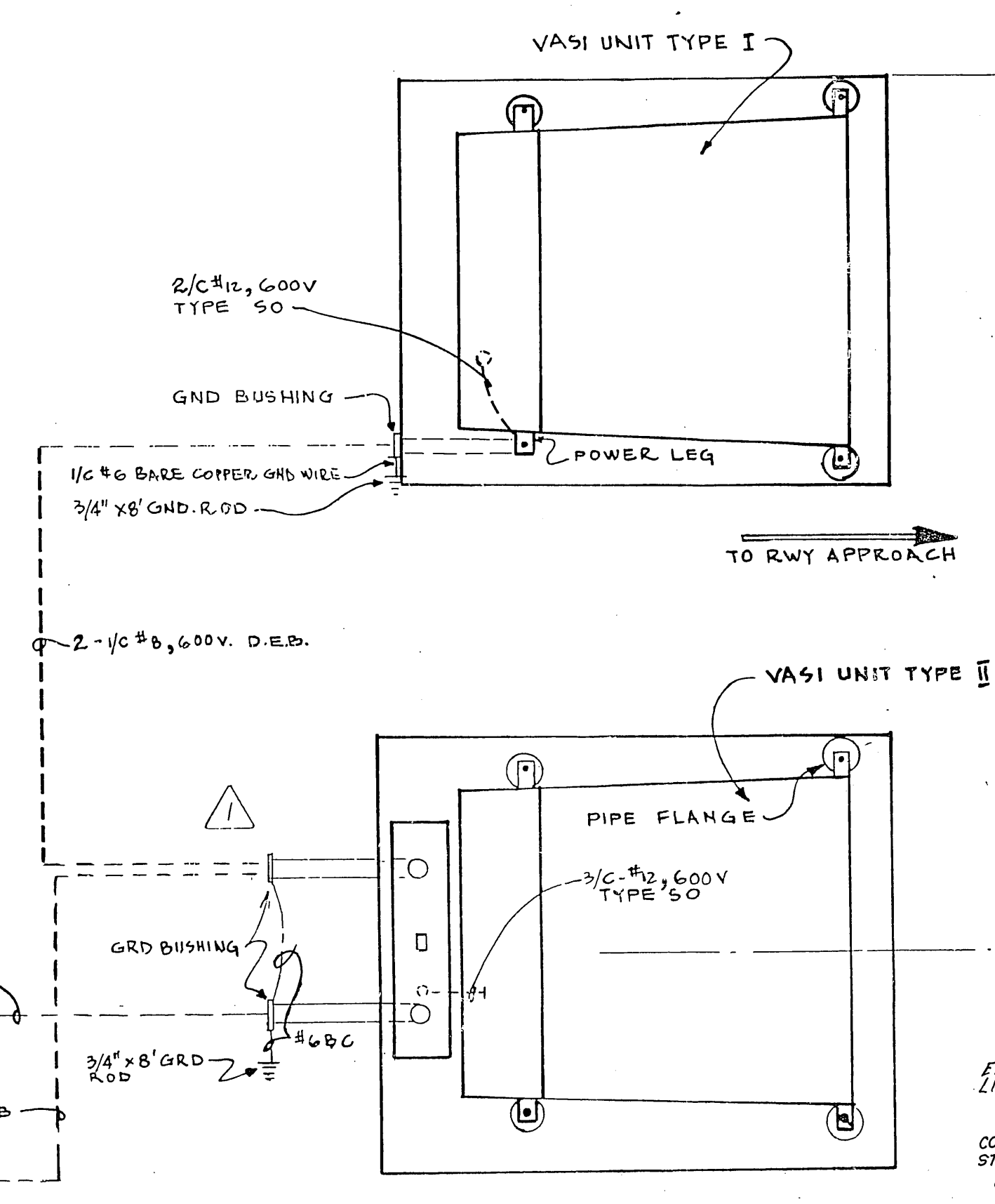
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
ILIAMNA AIRPORT			
56891			
A.I.P. No. 03-02-0132-02			
VASI			
GENERAL PLANS, SECTIONS & FOUNDATIONS DETAILS			
APPROVED	STEVE VAN HORN, P.E. DESIGN GROUP CHIEF		
APPROVED	WILLIAM ROESTER, P.E. PROJECT MANAGER		
SCALE	DESIGNED	DRAWN	SHEET 12 OF 16
NONE	CMR	CO	8-7-88
AS-BUILT		11/91	SHT. 12 OF 17



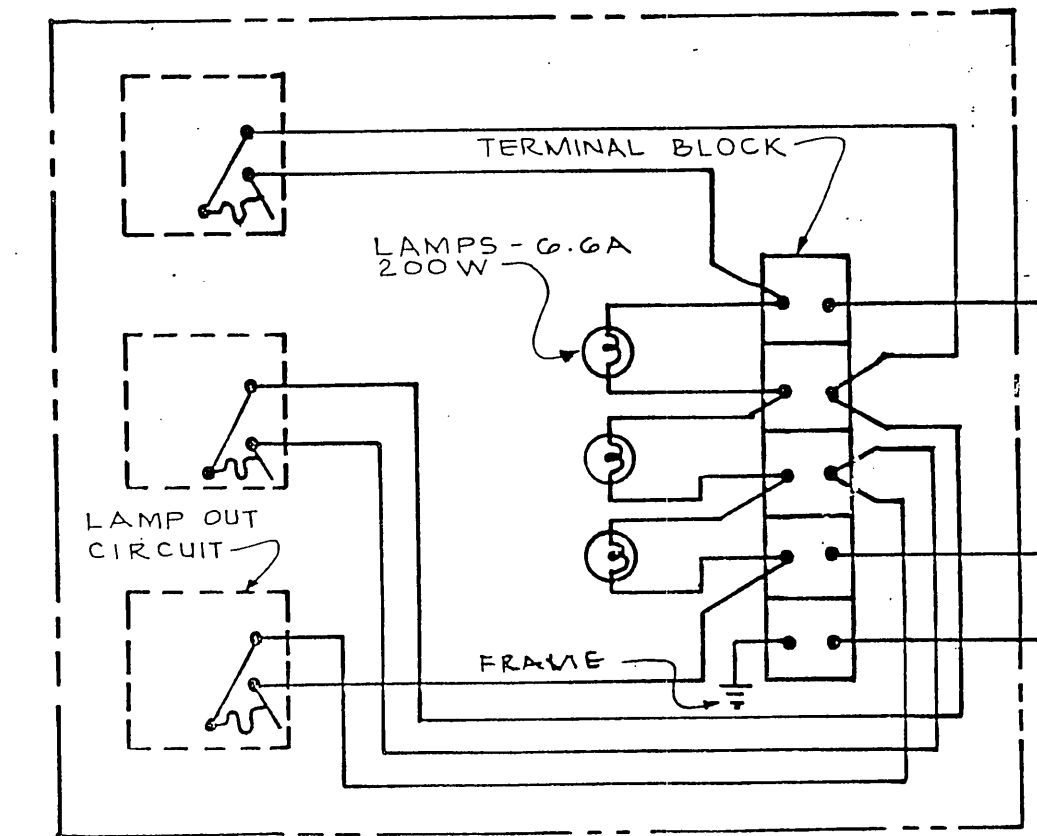
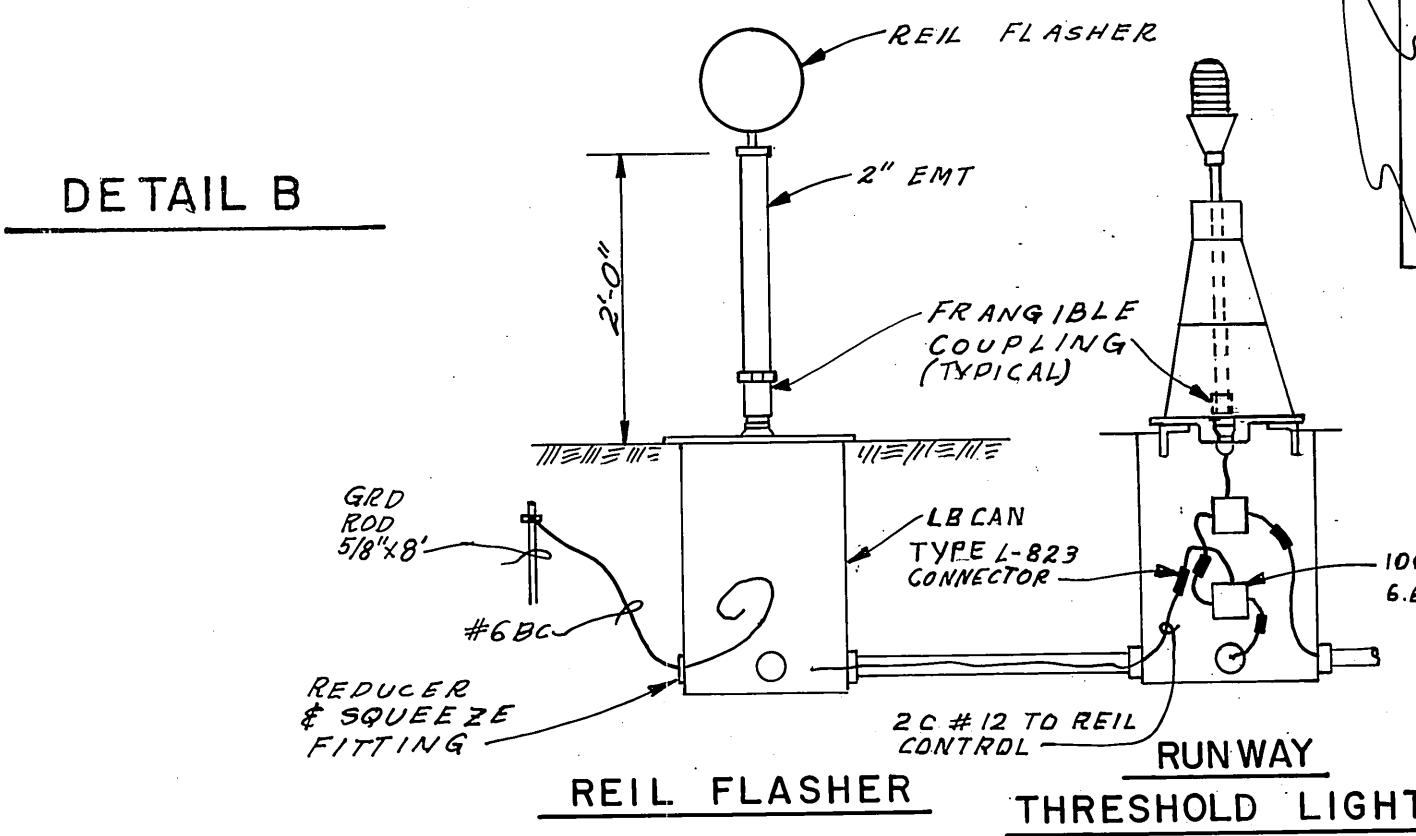
DETAIL A



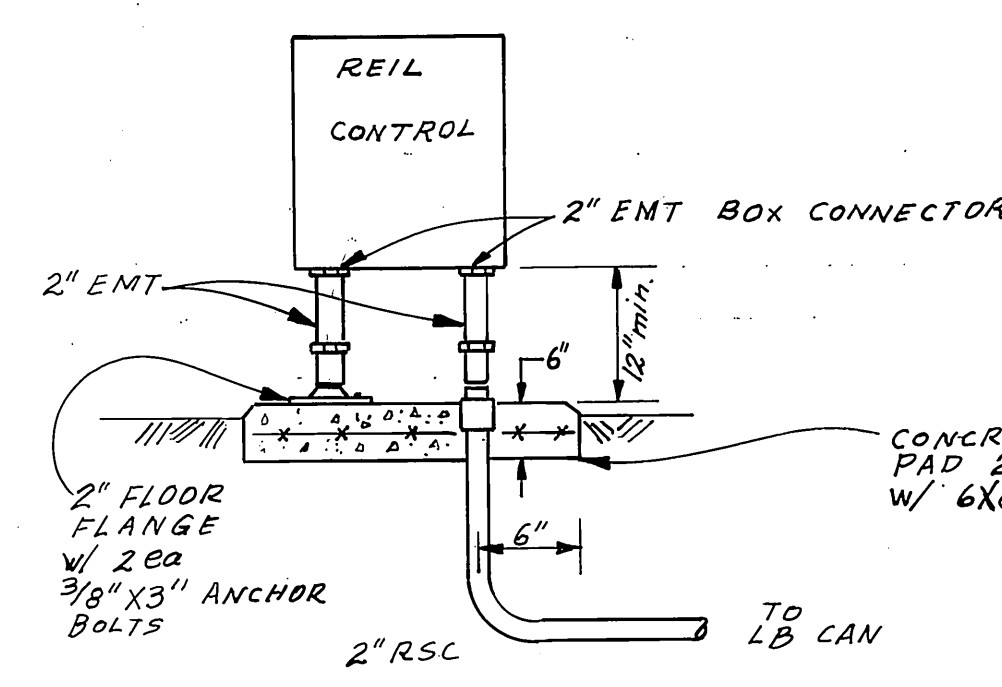
POWER WIRING DIAGRAM



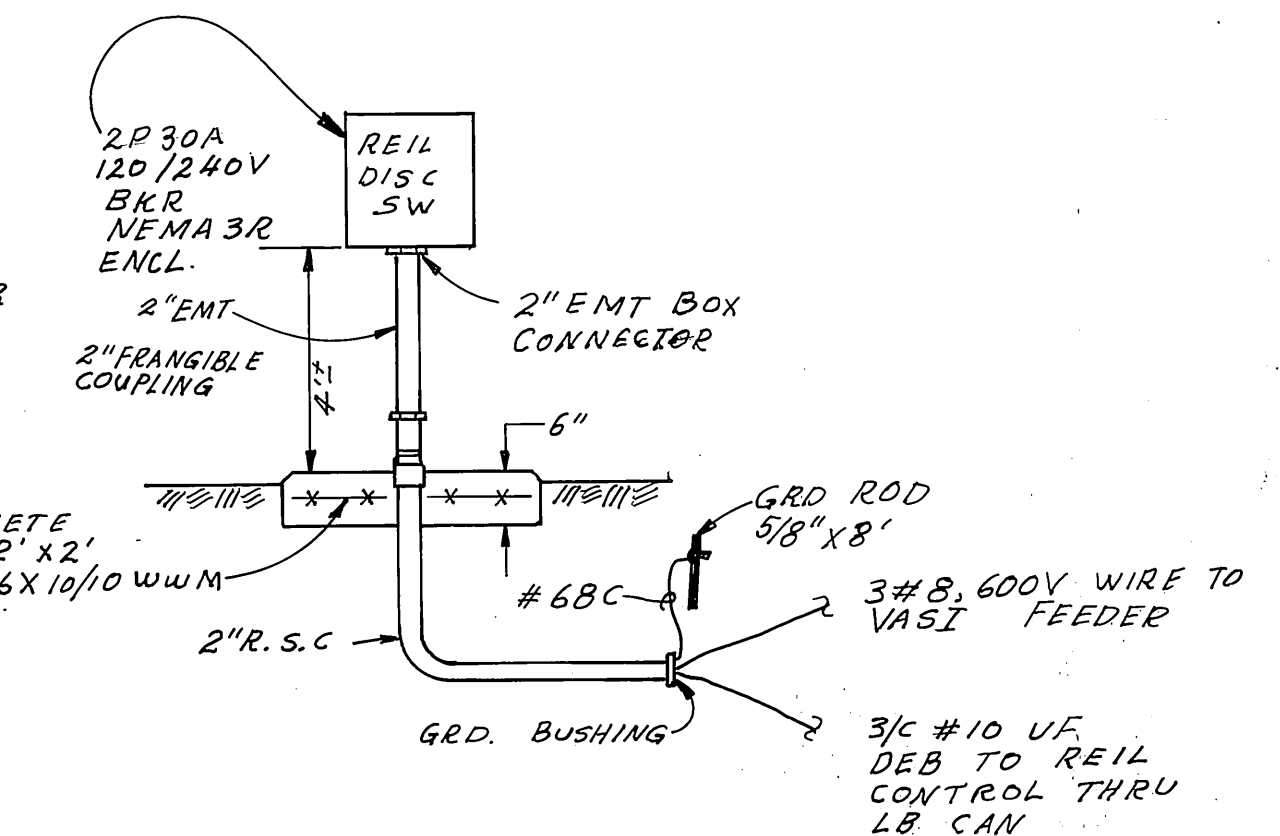
DETAIL B



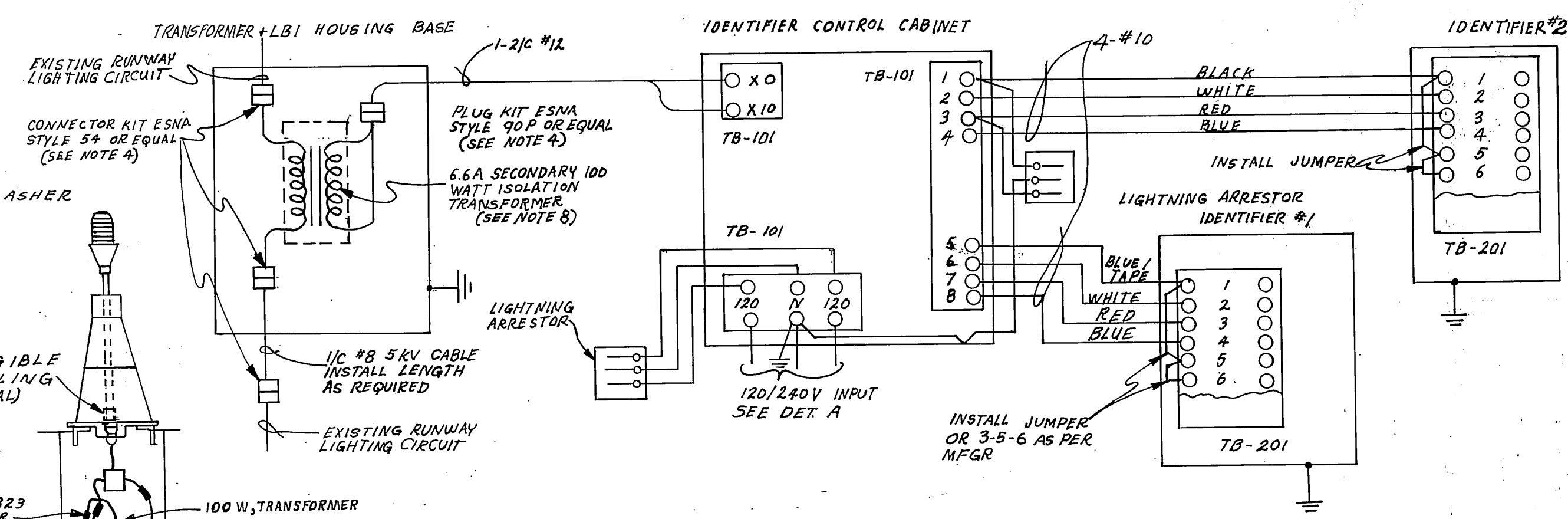
SCHEMATIC WIRING DIAGRAM
LAMP HOUSING ASSEMBLY - TYPICAL



REIL CONTROL



REIL DISC. SW. DETAIL

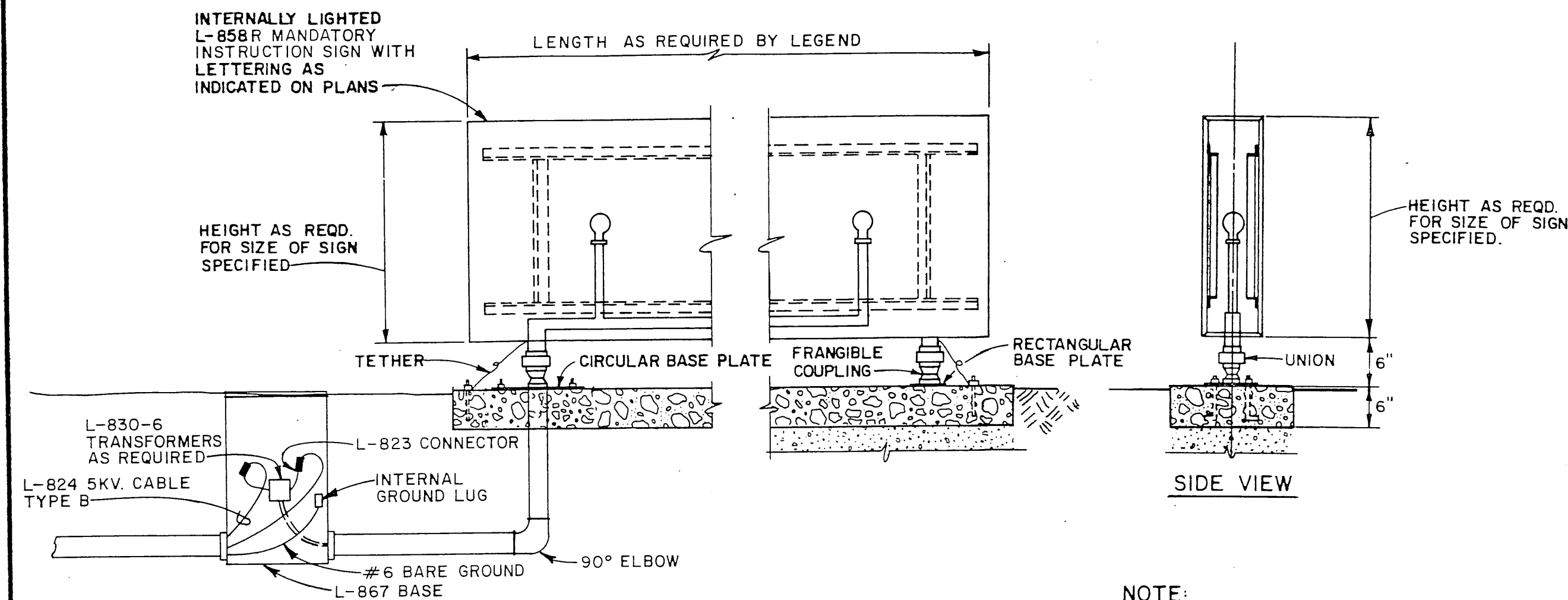


REIL WIRING DIAGRAM

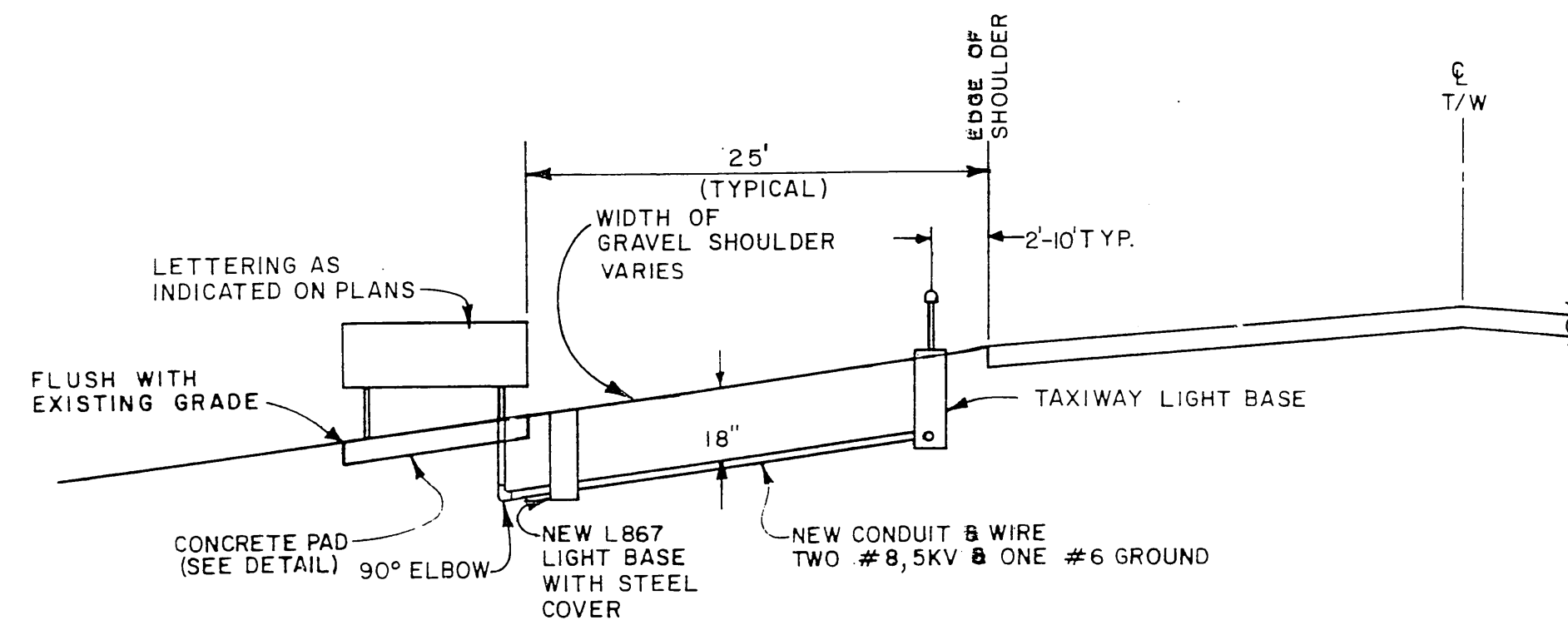
THIS INFORMATION TAKEN FROM
F.A.A. DRAWING NO. ALD-000-302.011.
FAA DRAWING NO. ALD-111-340.010

BY	DATE	REVISIONS
AS-BUILT	4/19/91	AS-BUILT
		CHANGE

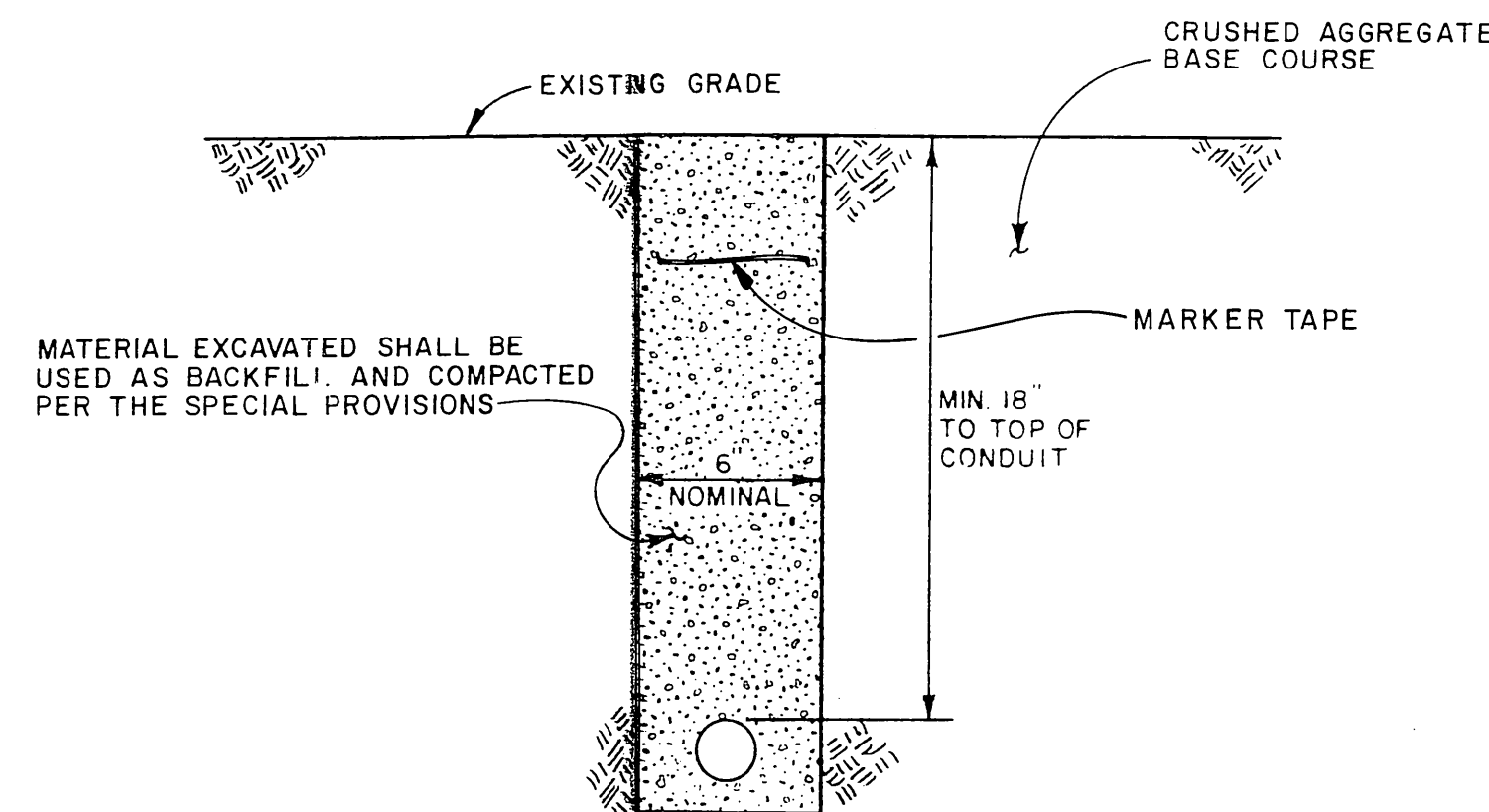
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES ILIAMNA AIRPORT 56891 A.I.P. No. 03-02-0132-02 ELECTRICAL PLAN & WIRING DIAGRAMS REIL & VASI SYSTEMS	
APPROVED STEVE VAN HORN, P.E. DESIGN GROUP CHIEF	PROJECT MANAGER WILLIAM ROESTER, P.E.
SCALE NONE	DRAWN M. H. R. SHEET 13 OF 16
DATE 8-7-89	SHT. 13 OF 17



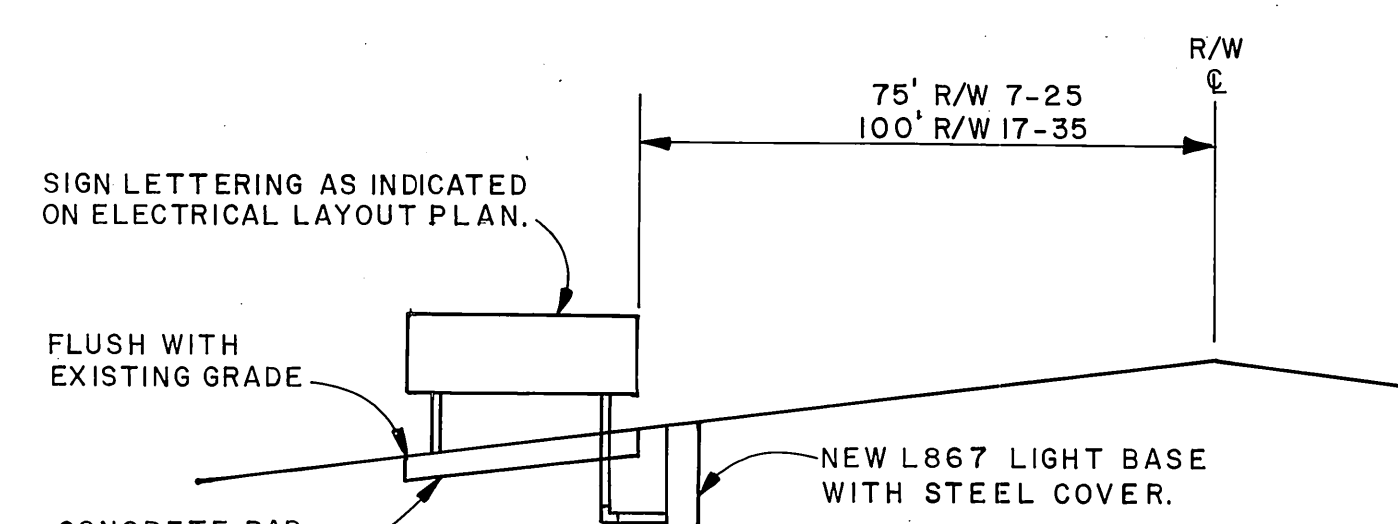
FRONT VIEW
MANDATORY INSTRUCTION SIGN DETAIL
NO SCALE



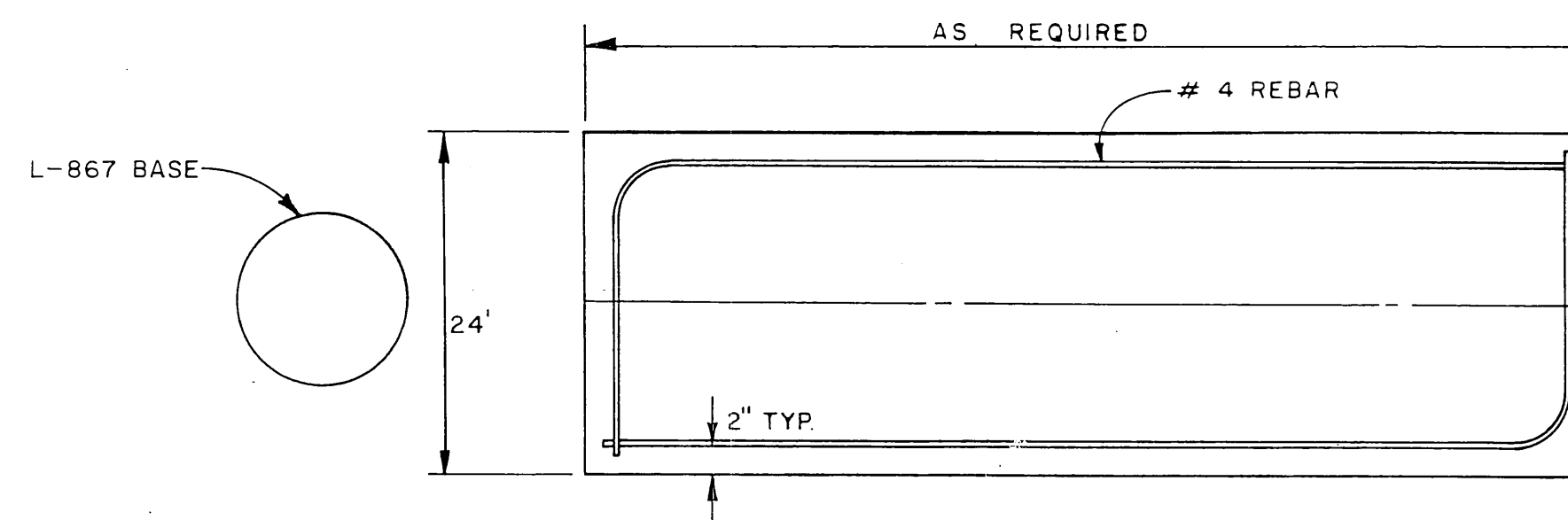
CROSS SECTION DETAIL
TAXIWAY / RUNWAY INTERSECTION



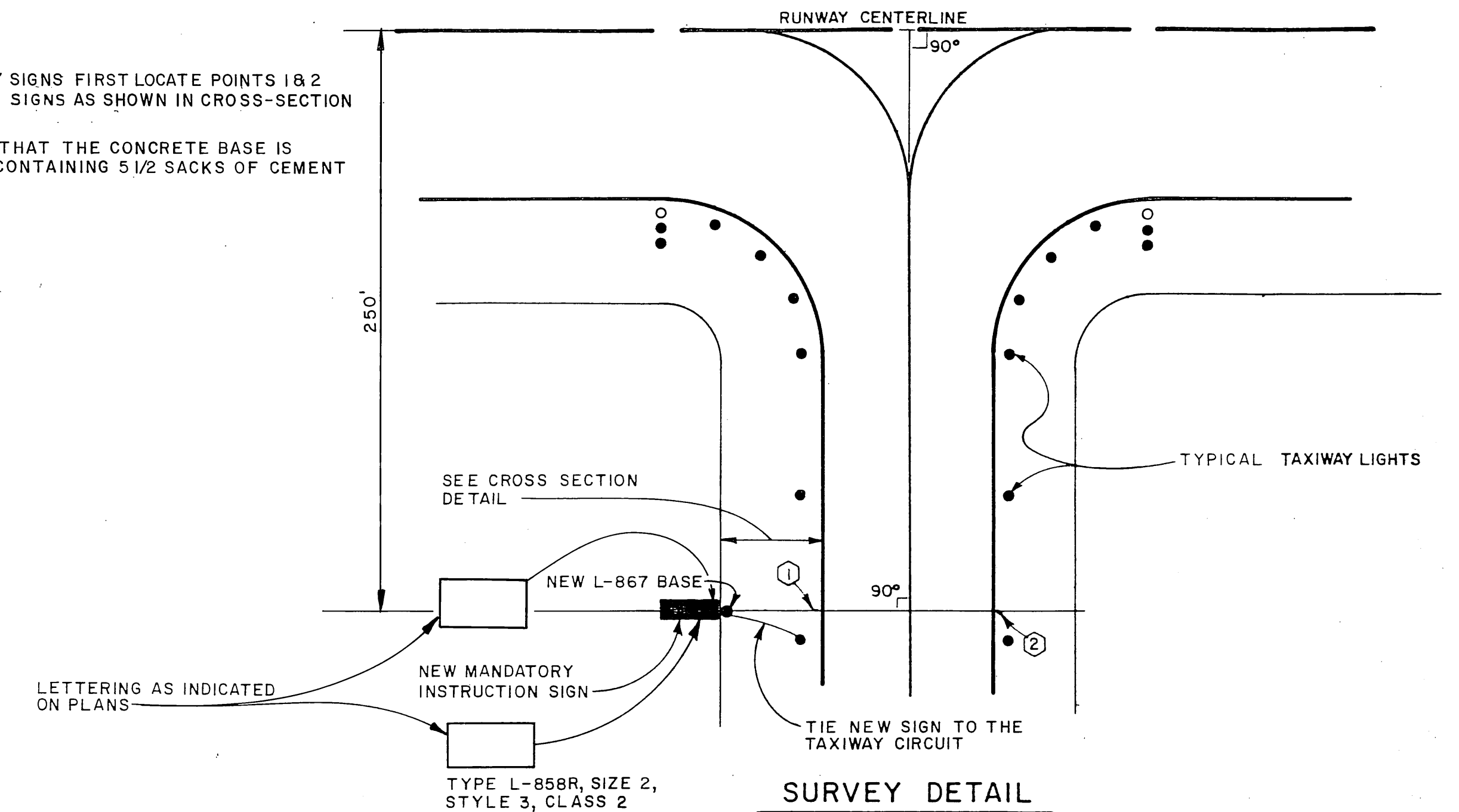
CONDUIT TRENCH DETAIL



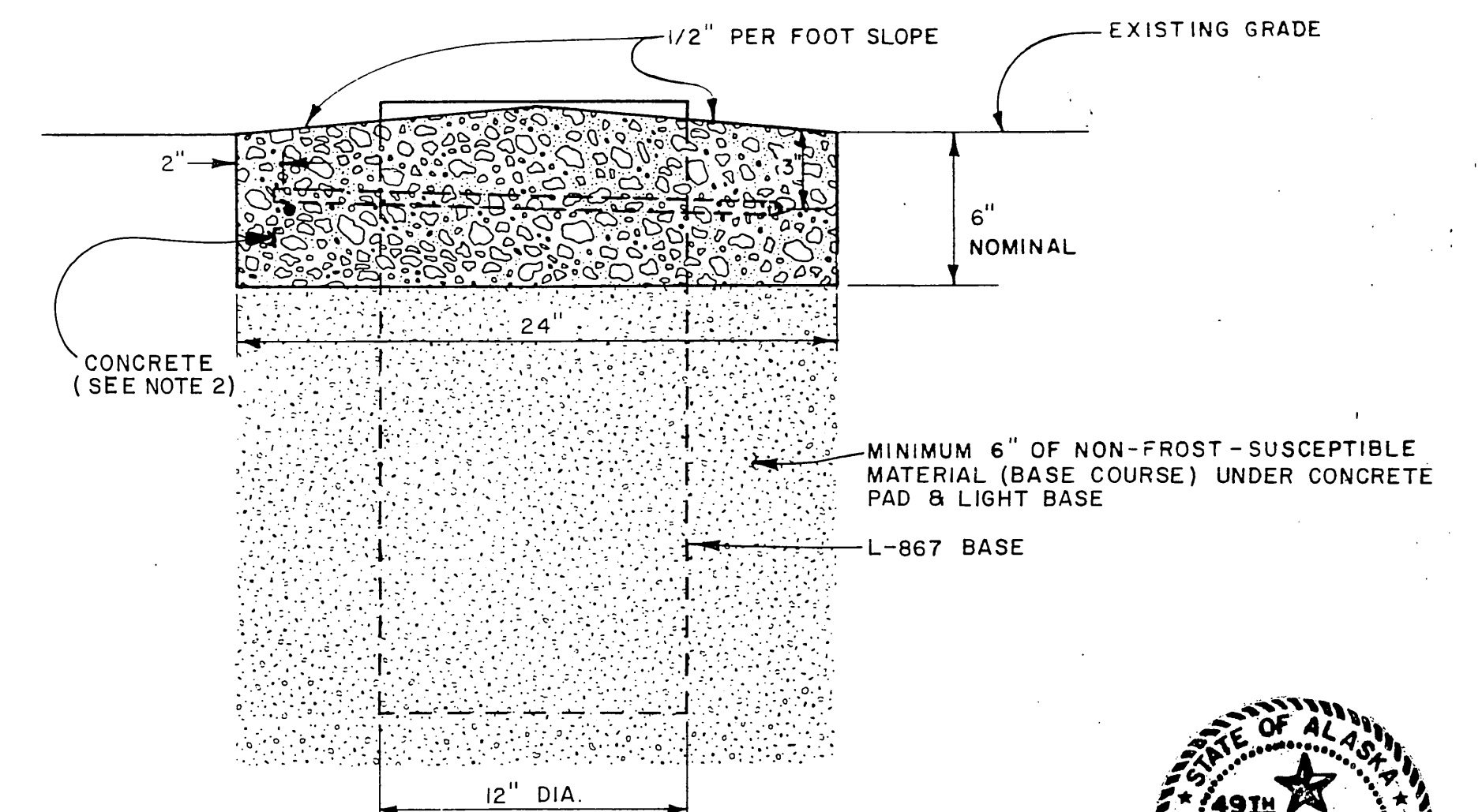
CROSS SECTION DETAIL
RUNWAY / RUNWAY INTESECTION



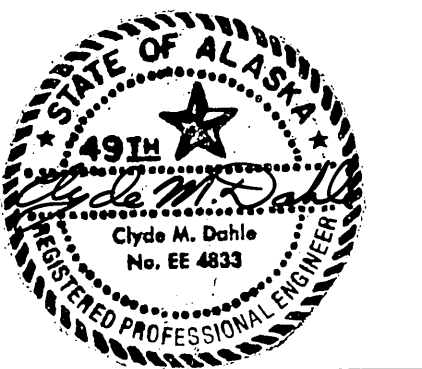
NOTE:
ATTACH SIGNS TO CONCRETE BASE IN ACCORDANCE WITH THE MANUFACTURES INSTRUCTIONS.



SURVEY DETAIL
90° TAXIWAY/RUNWAY INTERSECTION
(TYPICAL)



CONCRETE BASE DETAILS



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

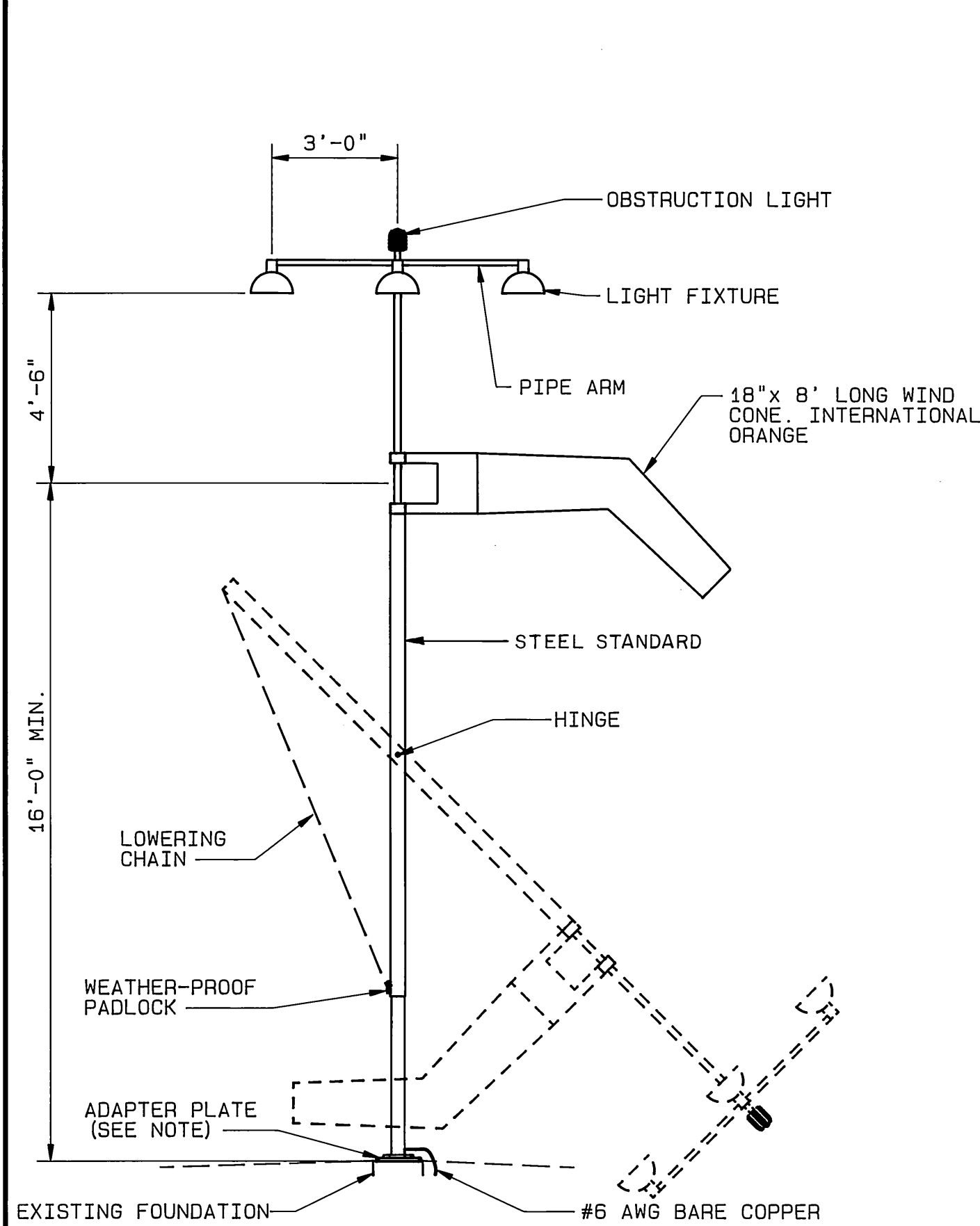
ILIAMNA AIRPORT
56891
A.I.P. NO. 03-02-0132-02

MANDATORY INSTRUCTION SIGN DETAILS

APPROVED: *Steve Van Horn*
STEVE VAN HORN, P.E. DESIGN GROUP CHIEF
APPROVED: *William Koester*
WILLIAM KOESTER, P.E. PROJECT MANAGER
SCALE: NONE
DESIGNED: *CMD*
DRAWN: *DIT*
CHECKED: *88*
DATE: 8-7-89
SHEET 14 OF 16

BY	DATE	CHANGE
4/19/91	981	AS-BUILT
REVISIONS		

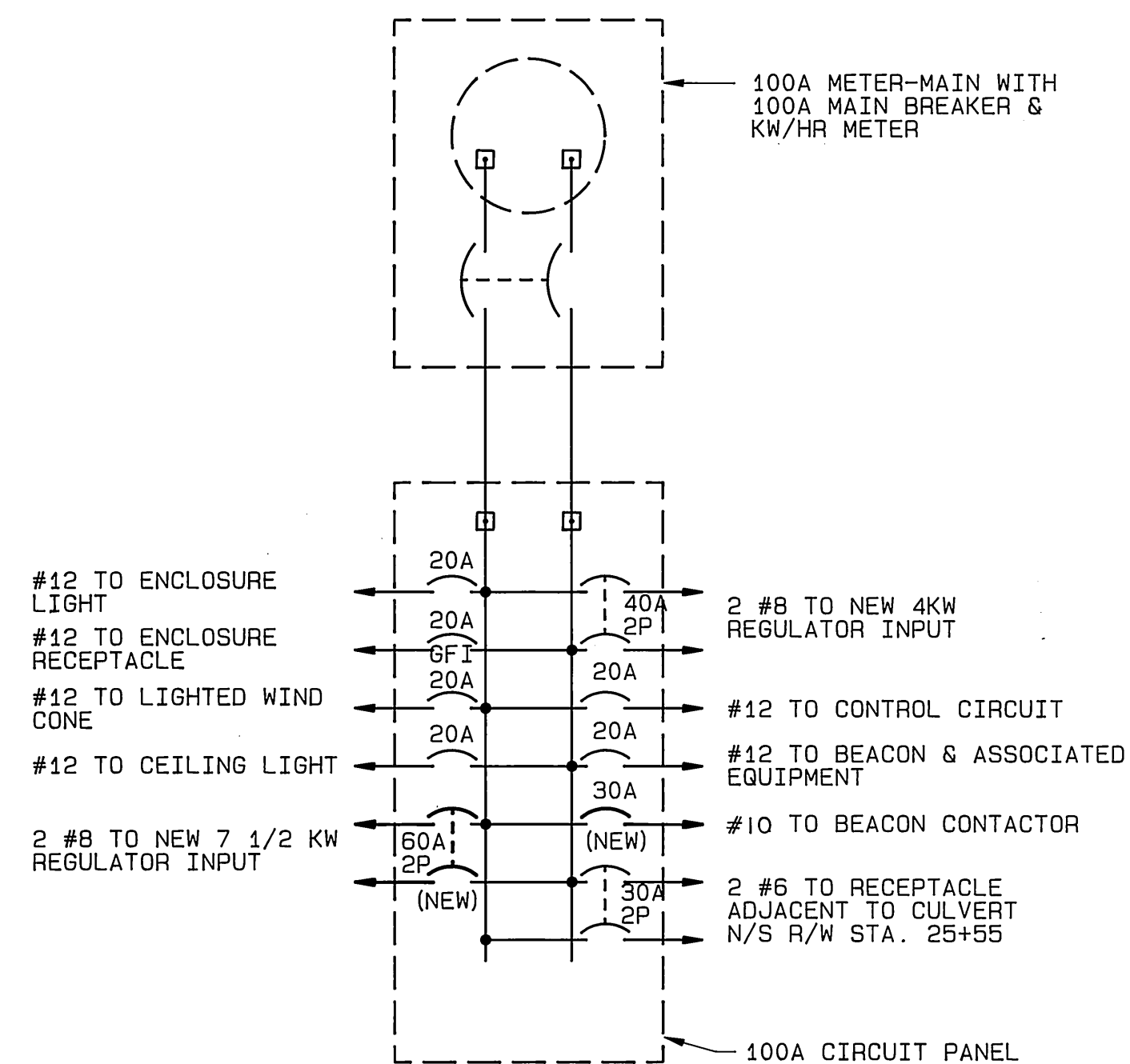
AS-BUILT 11/91 SHT. 14 OF 17



NOTE

CONTRACTOR FABRICATED A NEW ADAPTER PLATE, MATCHING BOLT HOLE PATTERNS, AND INSTALLED THE NEW WIND CONE ON THE EXISTING FOUNDATION.

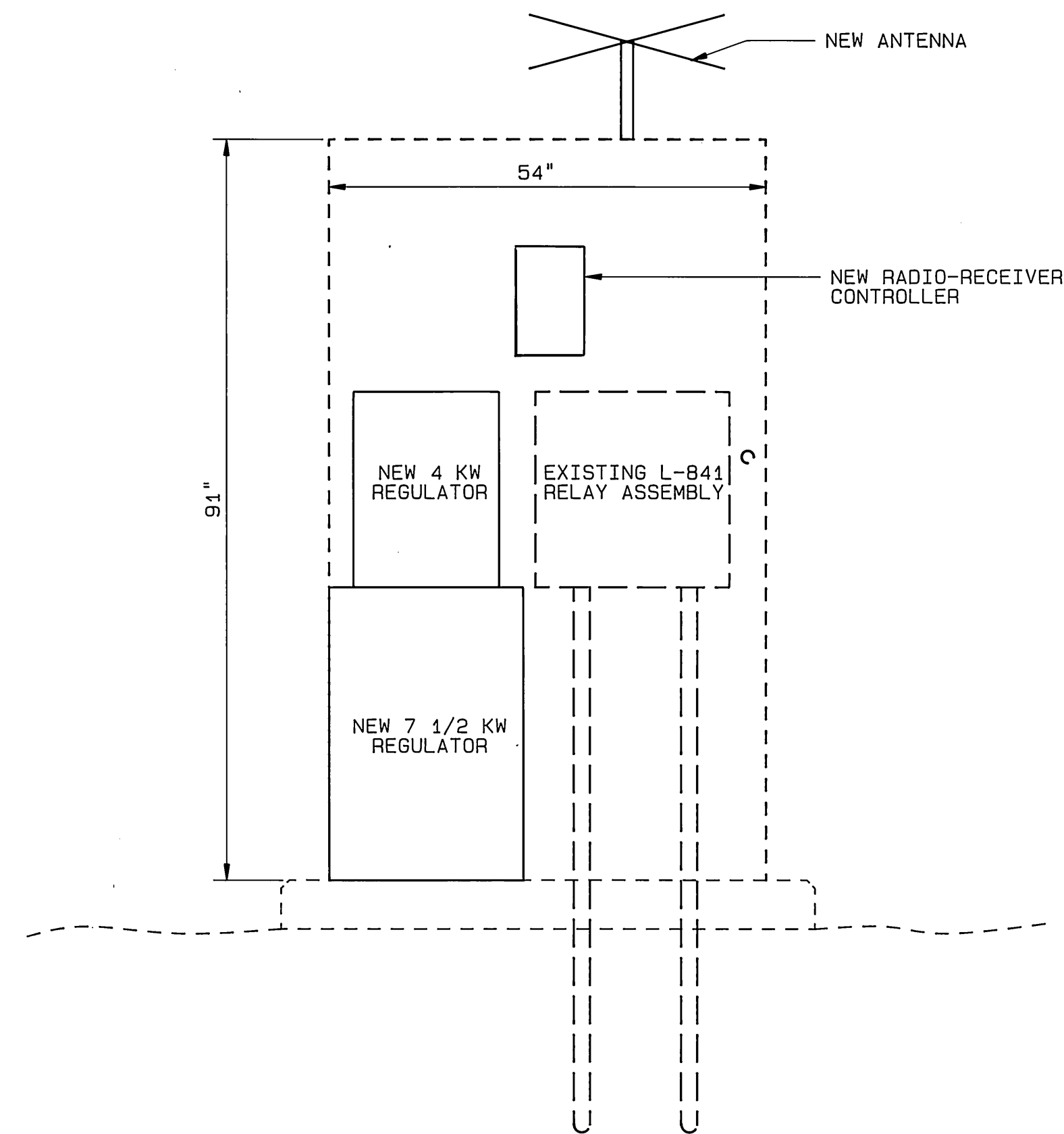
NEW LIGHTED WIND CONE INSTALLED ON EXISTING FOUNDATION



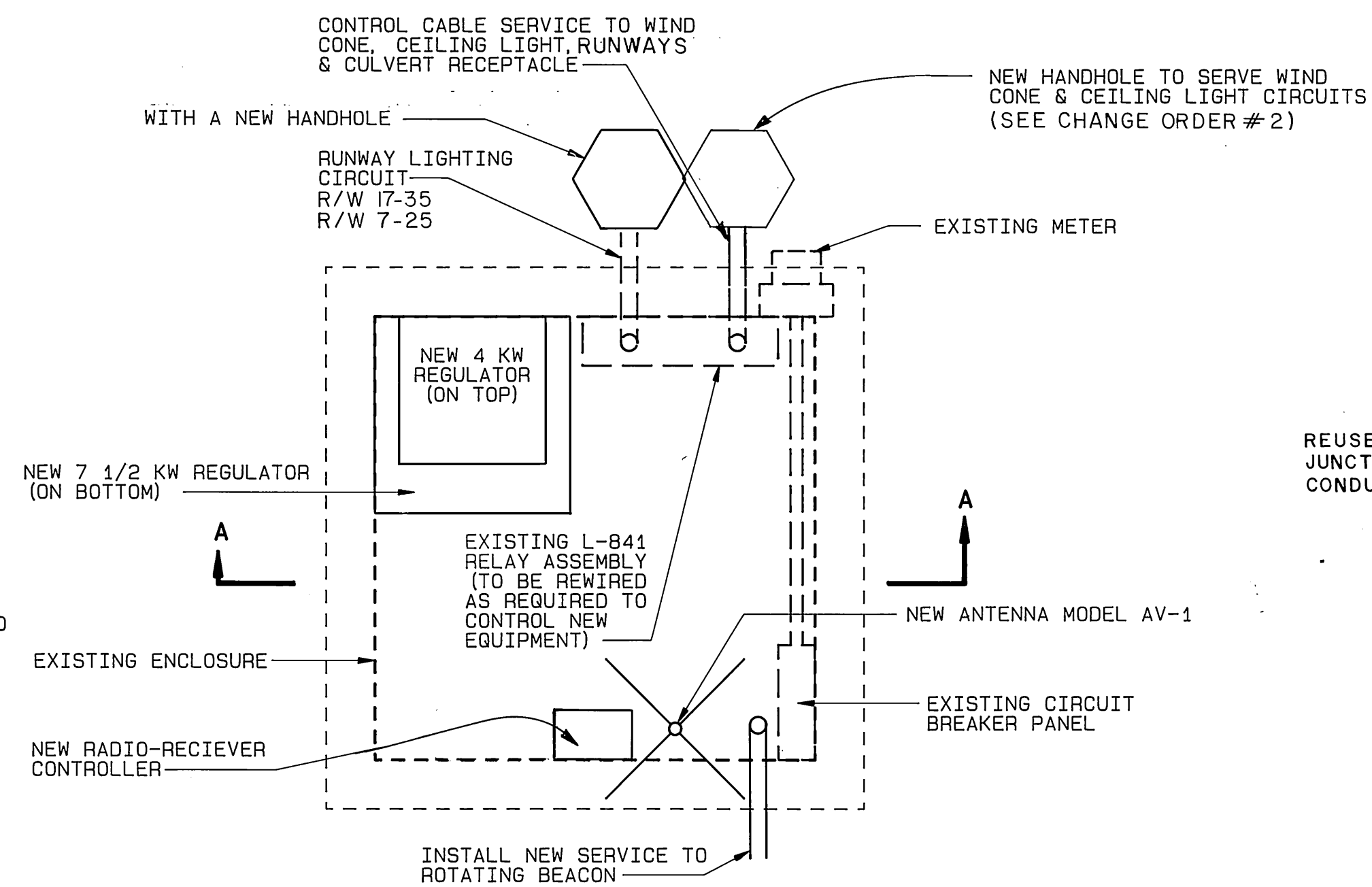
NOTE

CONTRACTOR WILL BE REQUIRED TO PROVIDE THE NEW CIRCUITS AND CIRCUIT BREAKERS SHOWN.

EXISTING POWER SERVICE DIAGRAM



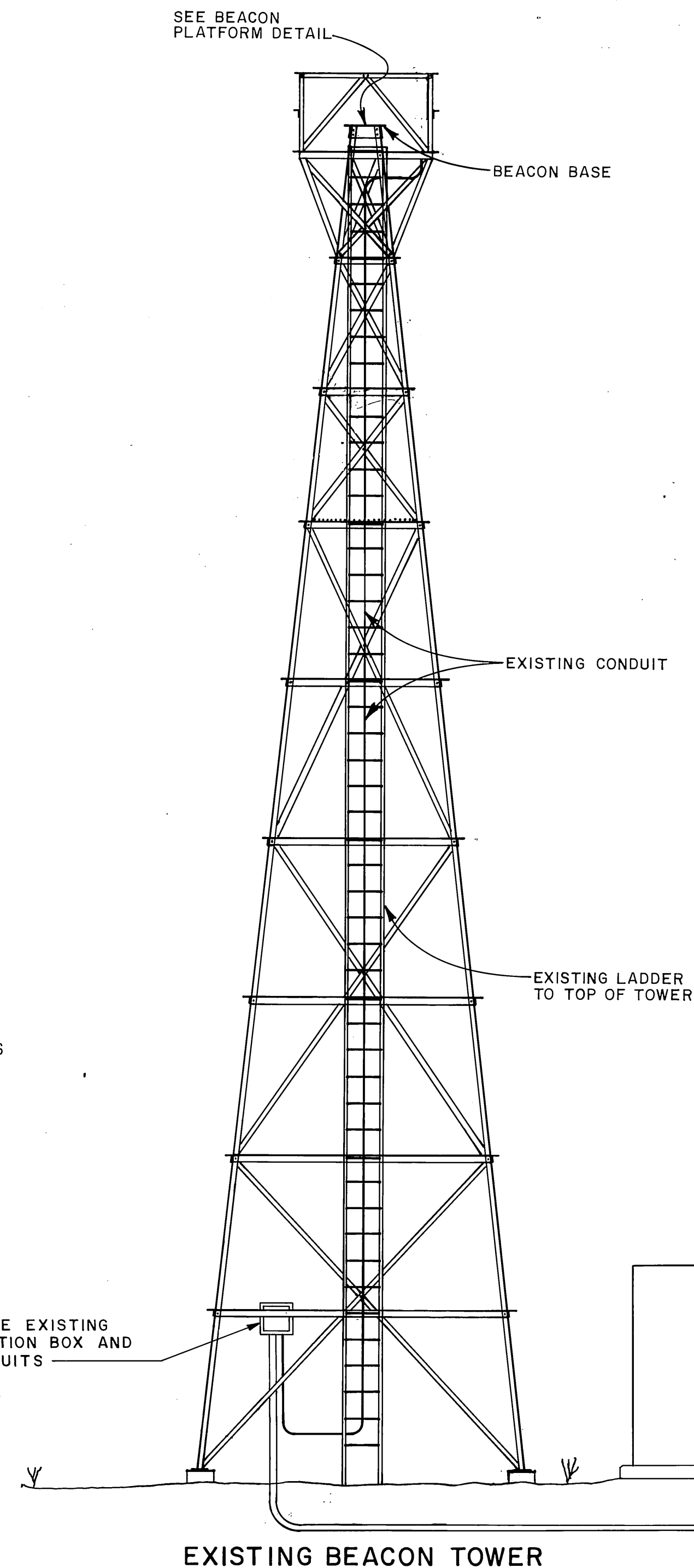
EXISTING PREFABRICATED METAL HOUSING SECTION A-A ELEVATION



NOTE

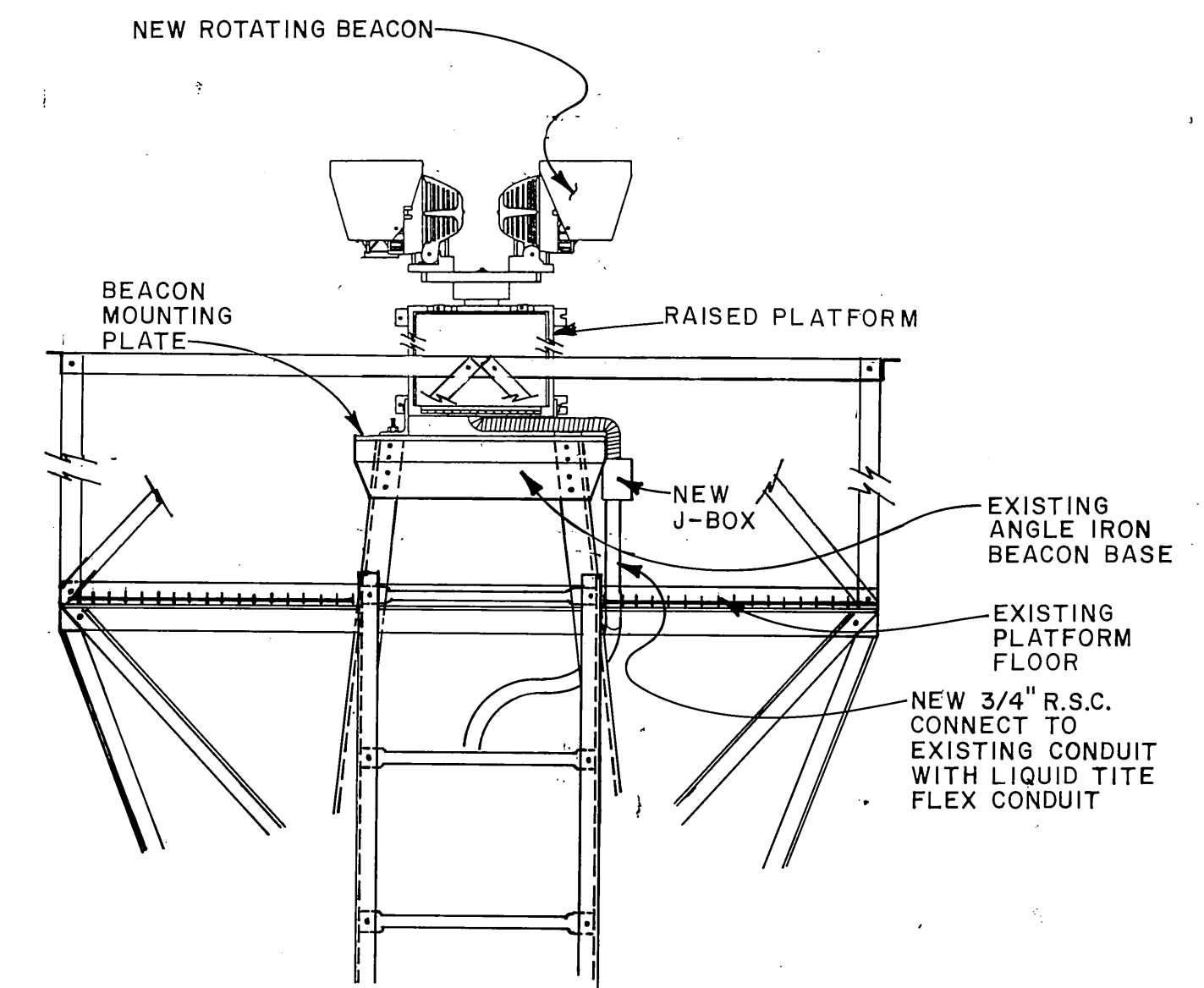
THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE EXISTING EQUIPMENT AS NECESSARY IN ORDER TO INSTALL THE TWO NEW CONSTANT CURRENT REGULATORS IN THE EXISTING ENCLOSURE.

EXISTING PREFABRICATED METAL HOUSING PLAN VIEW



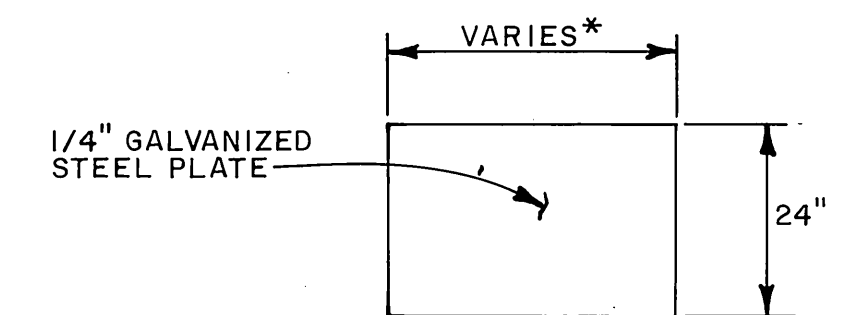
NOTE

CONTRACTOR WILL BE REQUIRED TO MODIFY THE EXISTING EQUIPMENT AS NECESSARY IN ORDER TO INSTALL THE NEW BEACON ON THE EXISTING TOWER.



PLATFORM DETAIL

NOTE: ANGLE IRON APPROX. 3"x3", PRE-DRILLED

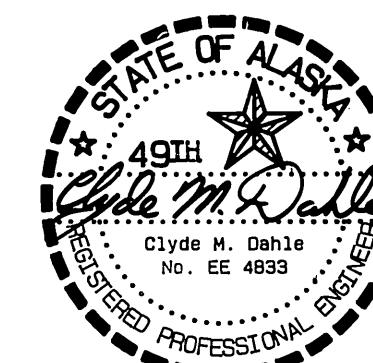


BEACON MOUNTING PLATE

*THIS DIMENSION VARIES ACCORDING TO BEACON MFG'S SPECIFICATIONS.

NOTE:

1. DRILL PLATE AS NECESSARY TO BOLT TO TOP OF EXISTING TOWER. ALSO, DRILL AS NECESSARY TO MOUNT BEACON TO PLATE.



STATE OF ALASKA
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AND PUBLIC FACILITIES

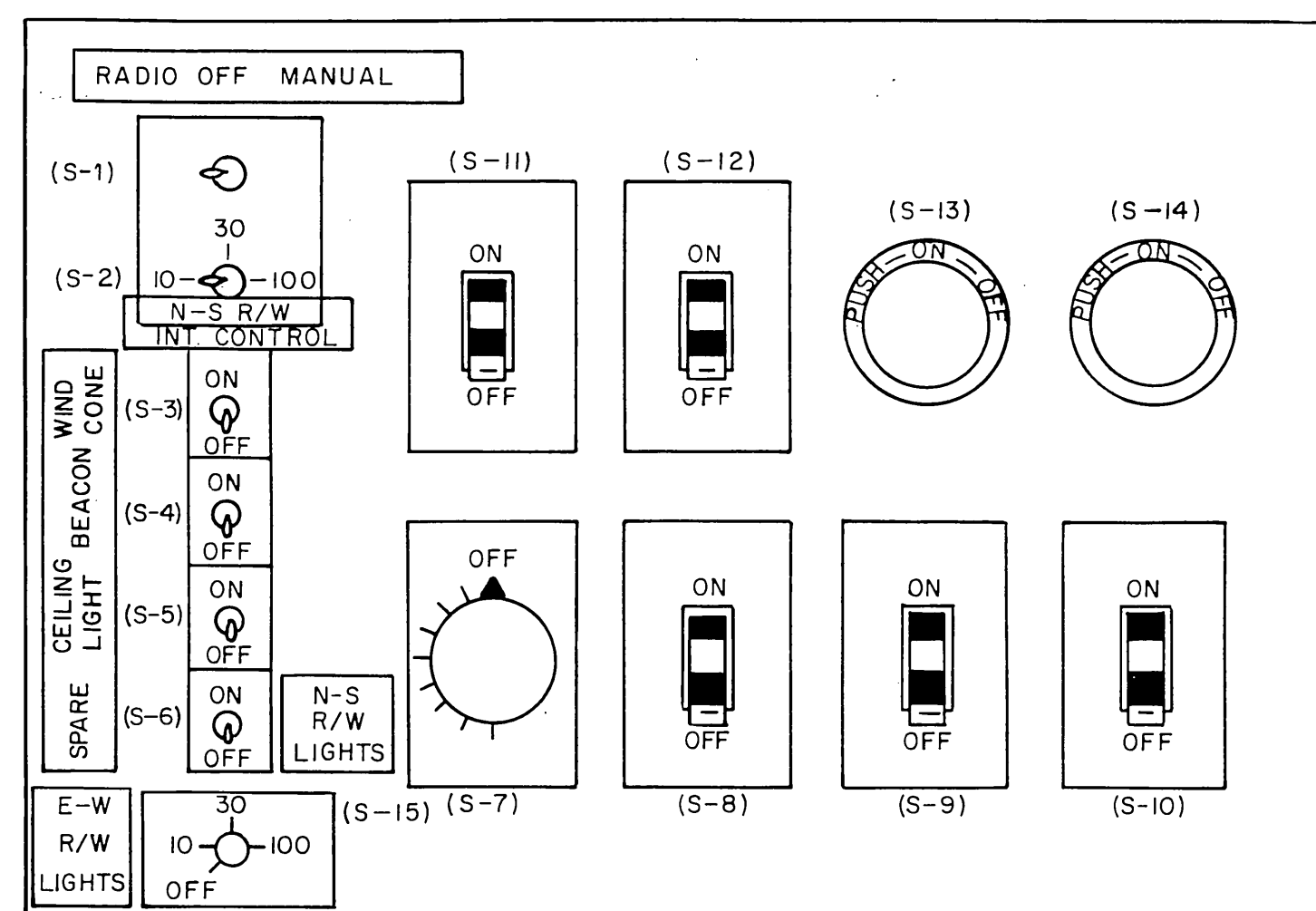
ILIAMNA AIRPORT

56891

A.I.P. No. 3-02-0132-02

ELECTRICAL DETAILS

APPROVED	<i>Steve Van Horn</i>	DESIGN SECTION CHIEF
APPROVED	<i>William Koester</i>	PROJECT MANAGER
SCALE	NO SCALE	DATE 8-7-89
BY	11-14-91	AS-BUILT
CHECKED	3	REVISIONS

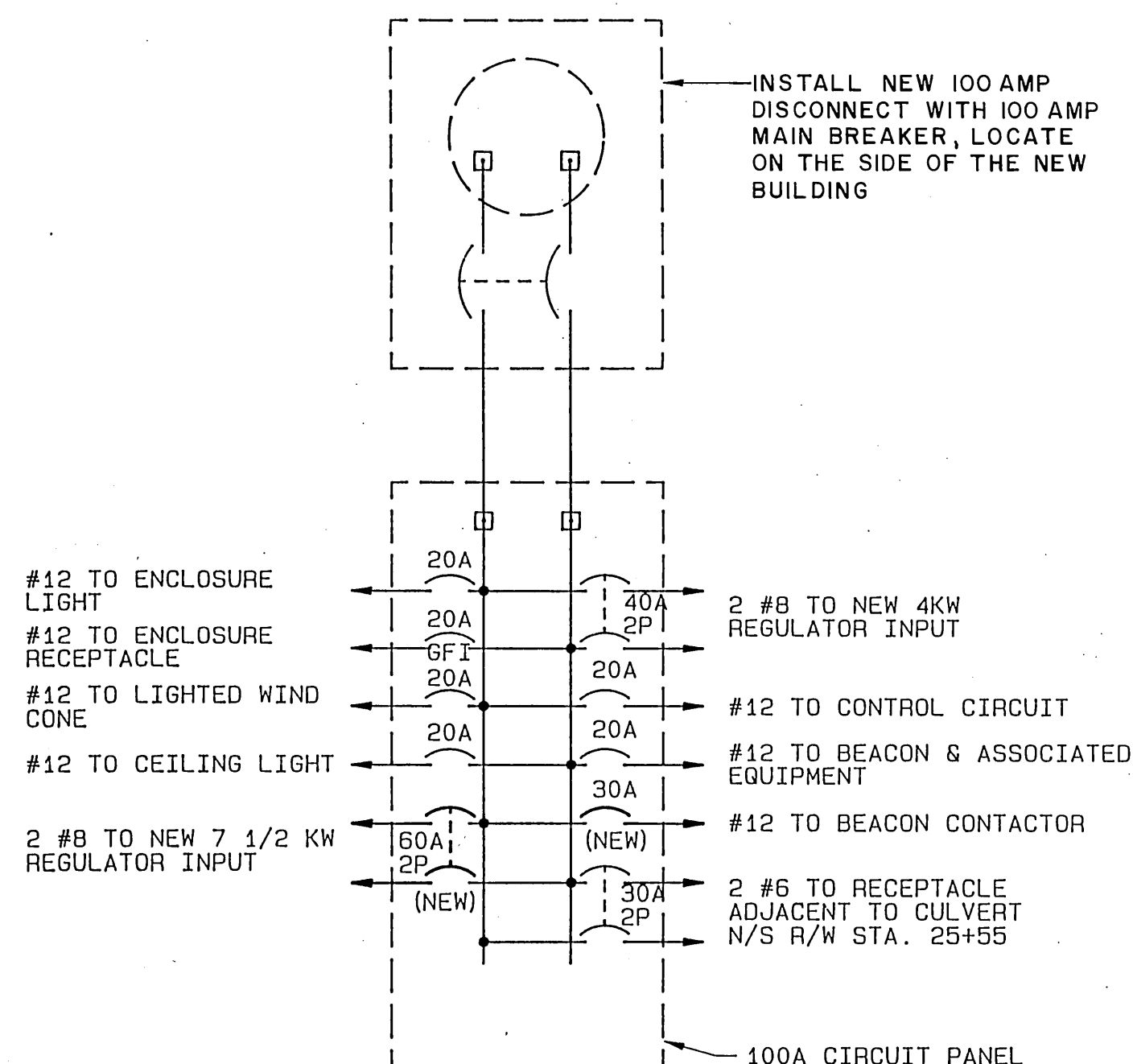


- (S-1) R/W ON-OFF-RADIO SWITCH
- (S-2) N-S R/W MED. INT. BRIGHTNESS CONTROL
- (S-3) WIND CONE ON-OFF SWITCH
- (S-4) BEACON ON-OFF SWITCH
- (S-5) CEILING LIGHT ON-OFF SWITCH
- (S-6) FOR N-S R/W CONTROL
- (S-7) CEILING LIGHT TIMER SWITCH
- (S-8-S-10) SPARE ON-OFF SWITCHES
- (S-11-S-14) ON-OFF INTERIOR FSS LIGHTING SWITCHES
- (S-15) SWITCH TO CONTROL E-W R/W

EXISTING AIRPORT LIGHTING

CONTROL PANEL

NO SCALE

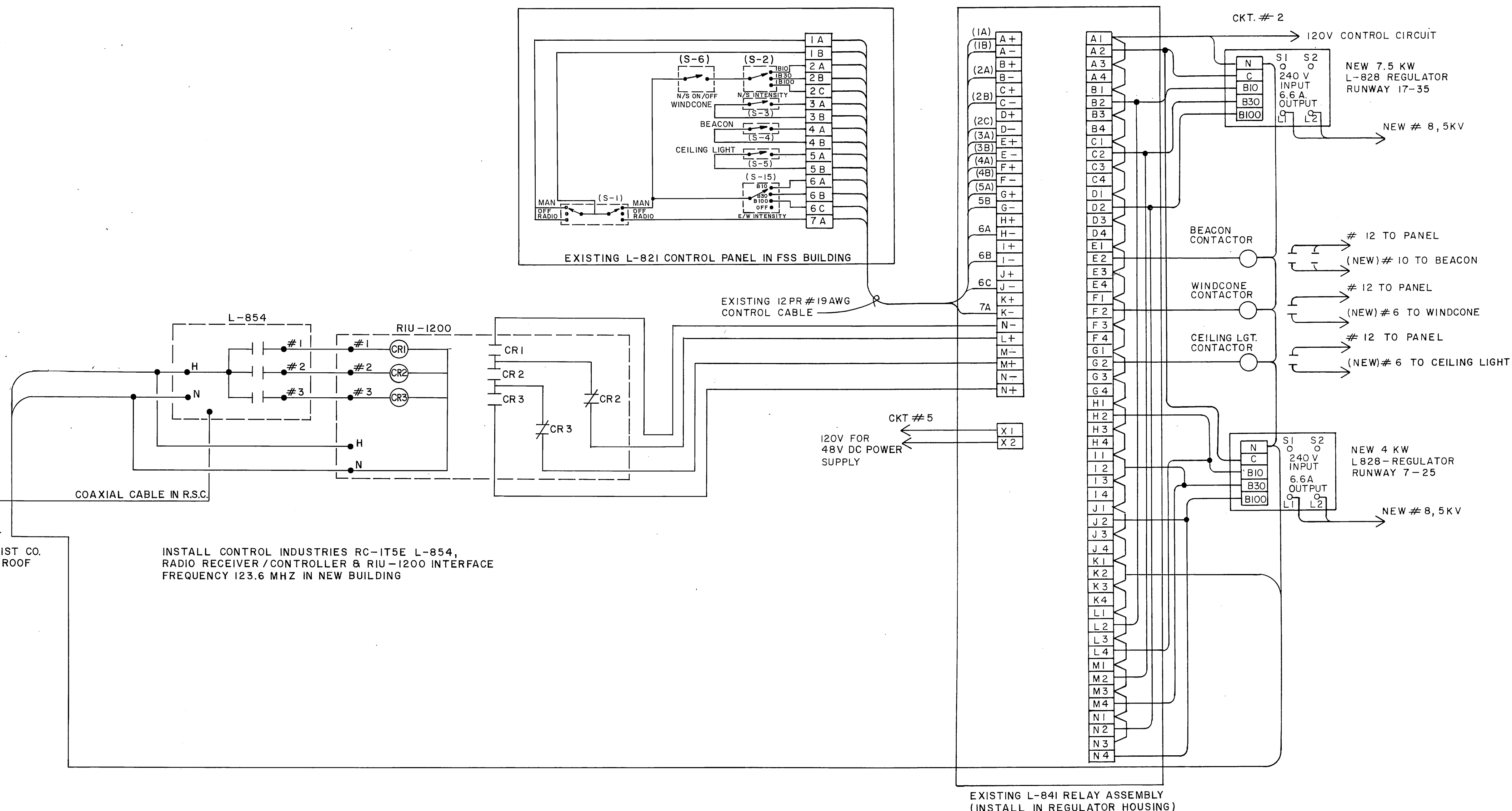


NOTE

CONTRACTOR WILL BE REQUIRED TO PROVIDE THE NEW CIRCUITS AND CIRCUIT BREAKERS SHOWN.

EXISTING POWER SERVICE DIAGRAM

NO SCALE



NEW CONTROL DIAGRAM

NO SCALE

NOTE:

THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE EXISTING EQUIPMENT AS NECESSARY IN ORDER TO INSTALL THE NEW RADIO RECEIVER, THE TWO NEW CONSTANT CURRENT REGULATORS, AND ASSOCIATED CONTROL SWITCHES, CONTACTORS, AND PANELS IN THE NEW BUILDING.

CHANGE ORDER # 4

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

ILIAMNA AIRPORT

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A.I.P. NO. 3-02-0132-02

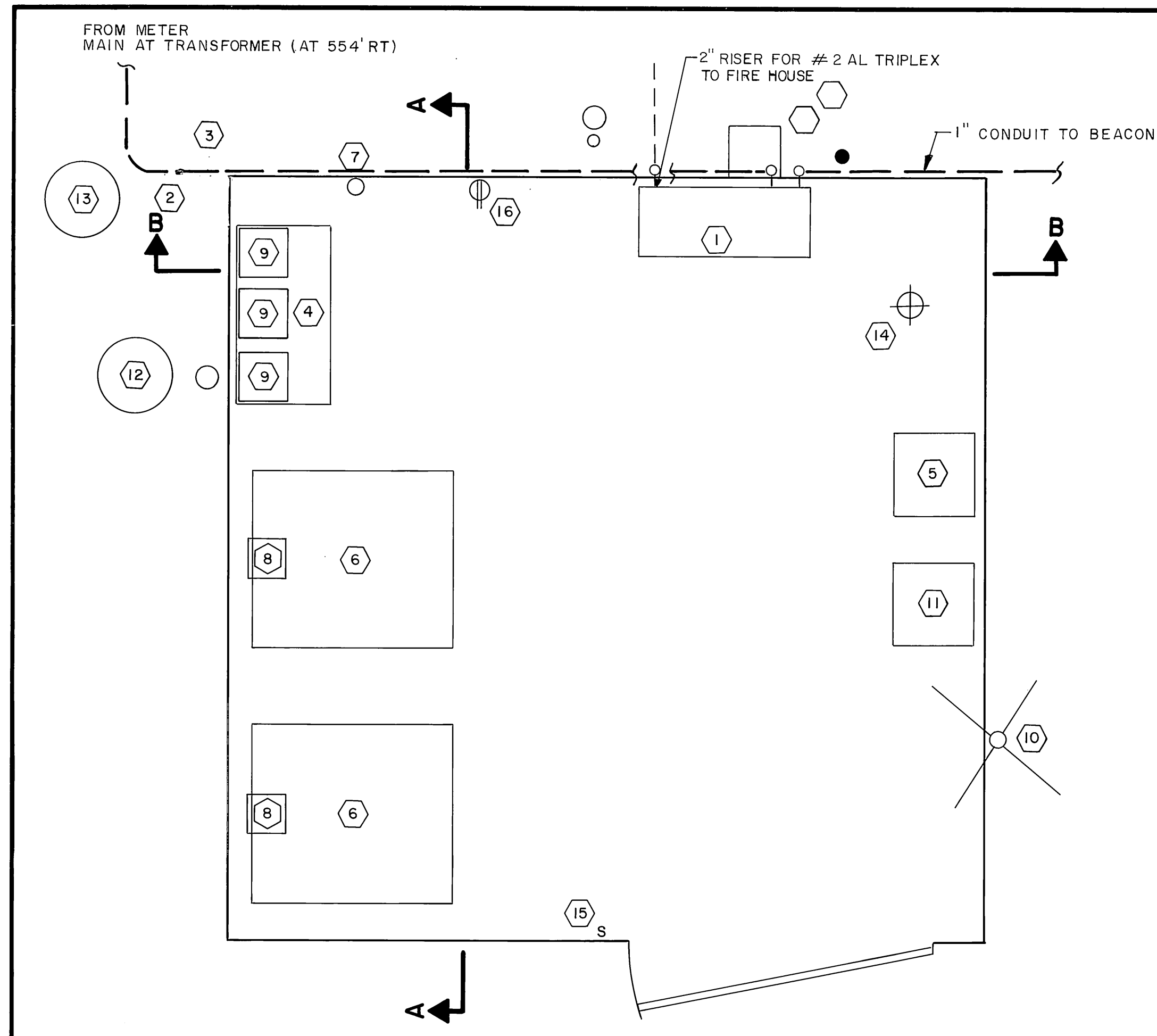
LIGHTING SYSTEMS-WIRING DIAGRAMS

APPROVED			APPROVED		
W.D.S. 11-18-91			RICHARD A. BRIGGS, P.E.		
5-6-91			CLYDE M. DAHLE, P.E.		
BY			DATE		
AS-BUILT			CHANGE ORDER # 4		
REVISIONS			PROJECT MANAGER		
SCALE			SHEET 16 OF 17		
AS SHOWN			DATE		
CHECKED			DATE		

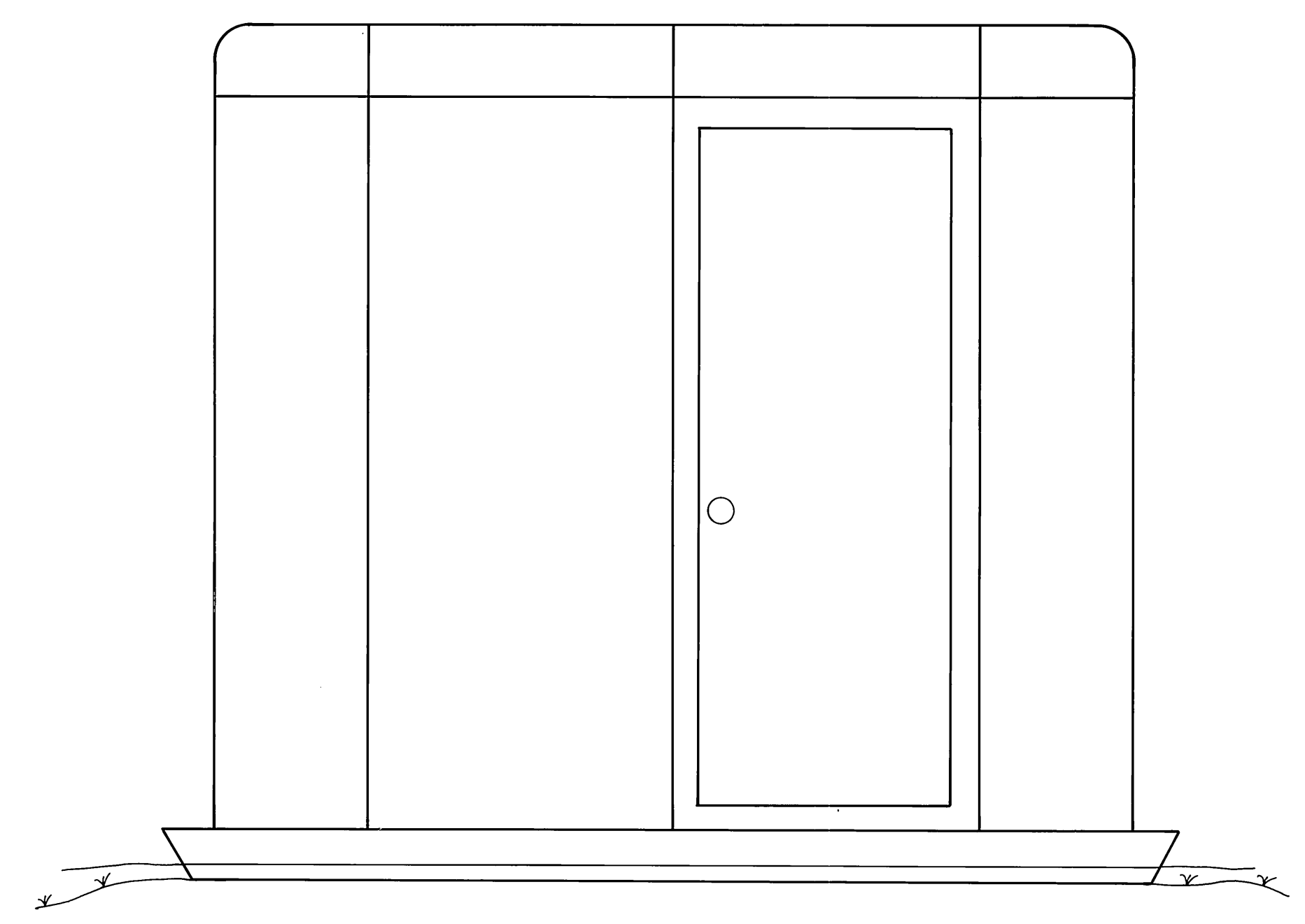
AS-BUILT

11/91

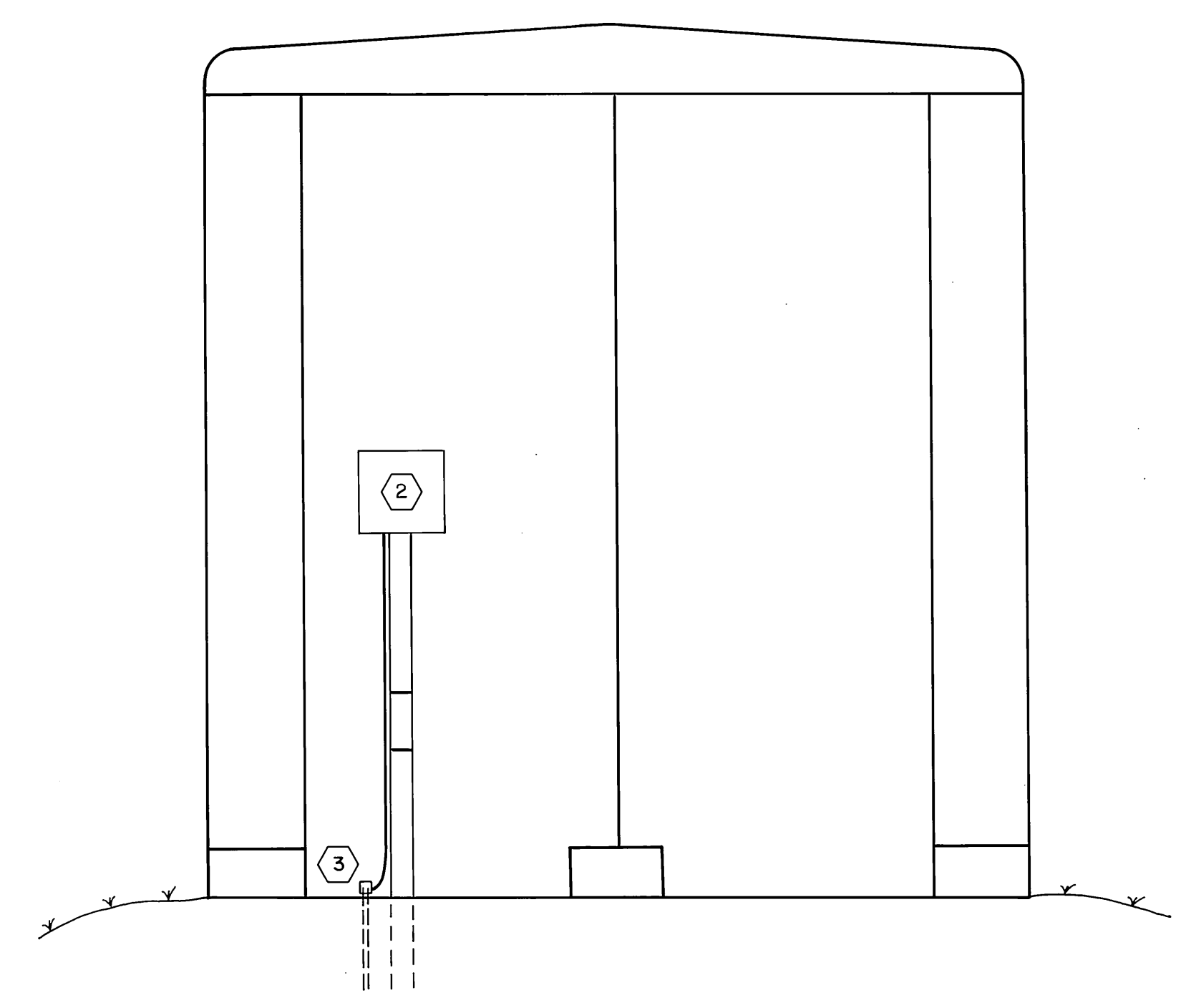
SHT. 16 OF 17



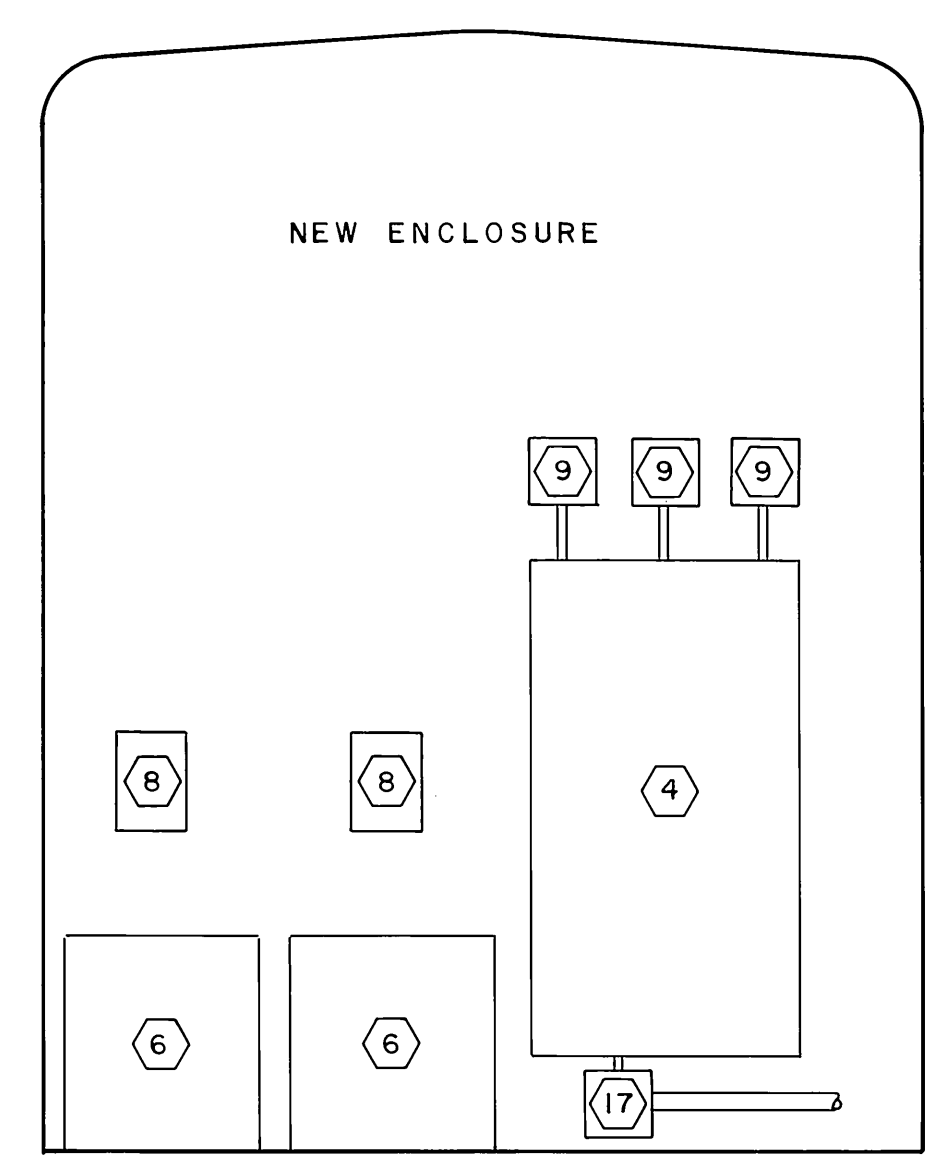
FLOOR PLAN - ELECTRICAL ENCLOSURE
SCALE: 1"=1'



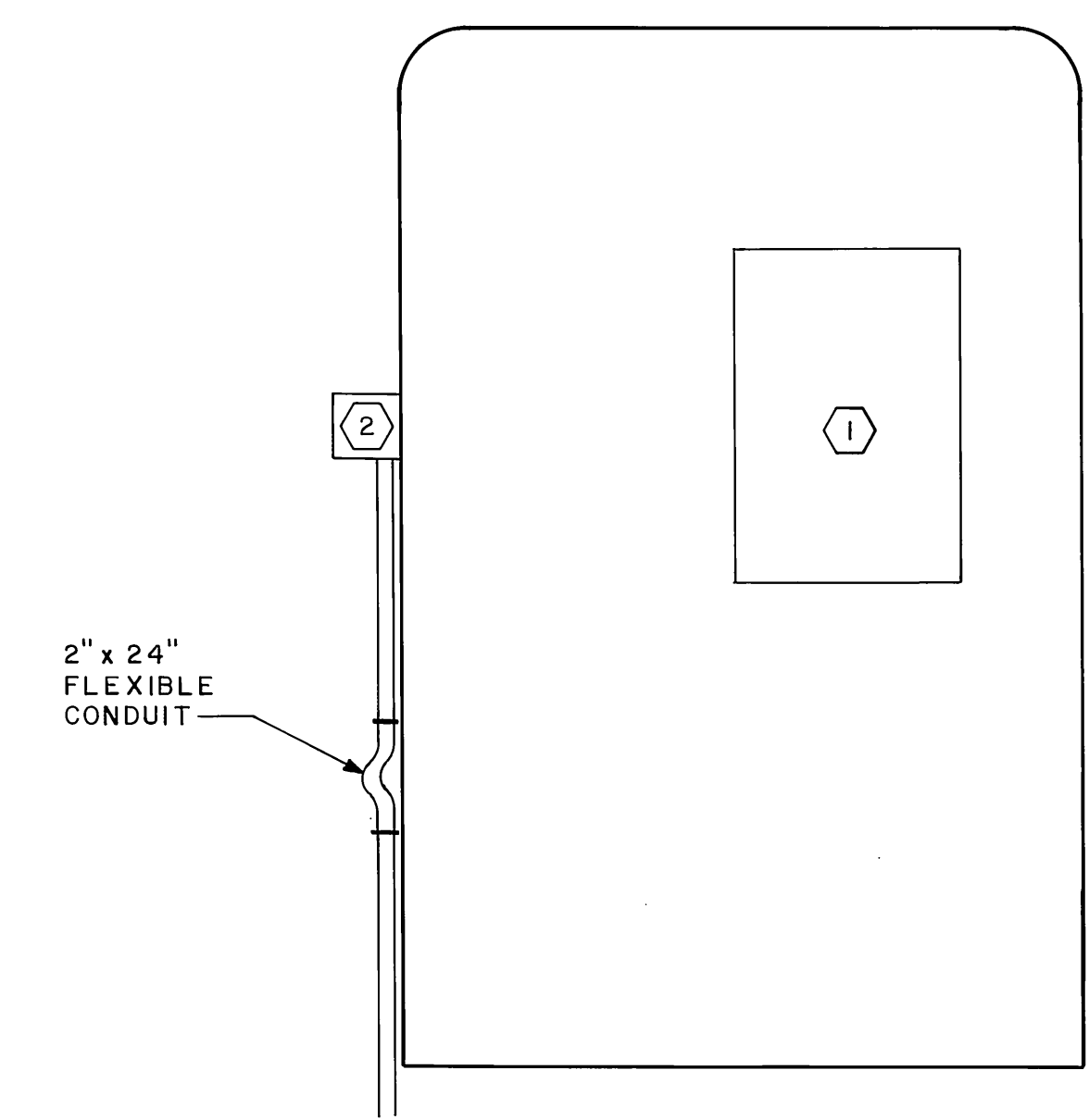
FRONT ELEVATION
NO SCALE



SIDE ELEVATION
NO SCALE



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE

ELECTRICAL ENCLOSURE SECTIONS
NO SCALE

- 1 POWER PANEL
- 2 NEW 100 AMP MAIN DISCONNECT
- 3 NEW GROUND ROD
- 4 CONTROL PANEL
- 5 RADIO CONTROLLER
- 6 CONSTANT CURRENT REGULATOR
- 7 NEW PHOTOELECTRIC CONTROLLER (FOR FUTURE USE)
- 8 NEW PLUG CUTOUT (ADB-SI)
- 9 CONTACTORS - BEACON, WIND CONE, & ETC.
- 10 RADIO ANTENNA
- 11 RADIO INTERFACE UNIT
- 12 U.G. JUNCTION BOX - LIGHTING CIRCUITS
- 13 U.G. JUNCTION BOX - WINDCONE CIRCUIT
- 14 BUILDING LIGHT
- 15 LIGHT SWITCH
- 16 RECEPTACLE
- 17 JUNCTION BOX

CHANGE ORDER # 4

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

ILIAMNA AIRPORT
56891
A.I.P. NO. 3-02-0132-02
ELECTRICAL ENCLOSURE DETAILS

APPROVED			APPROVED		
			RICHARD A. BRIGGS, P.E.		
			AVIATION CONST. ENG.		
AS-BUILT			CLYDE M. DAHLE, P.E.		
CHANGE ORDER # 4			PROJECT MANAGER		
BY	DATE	CHANGE	SCALE	DESIGNED	DRAWN
			AS SHOWN		2/88
REVISIONS			CHECKED	DATE	