

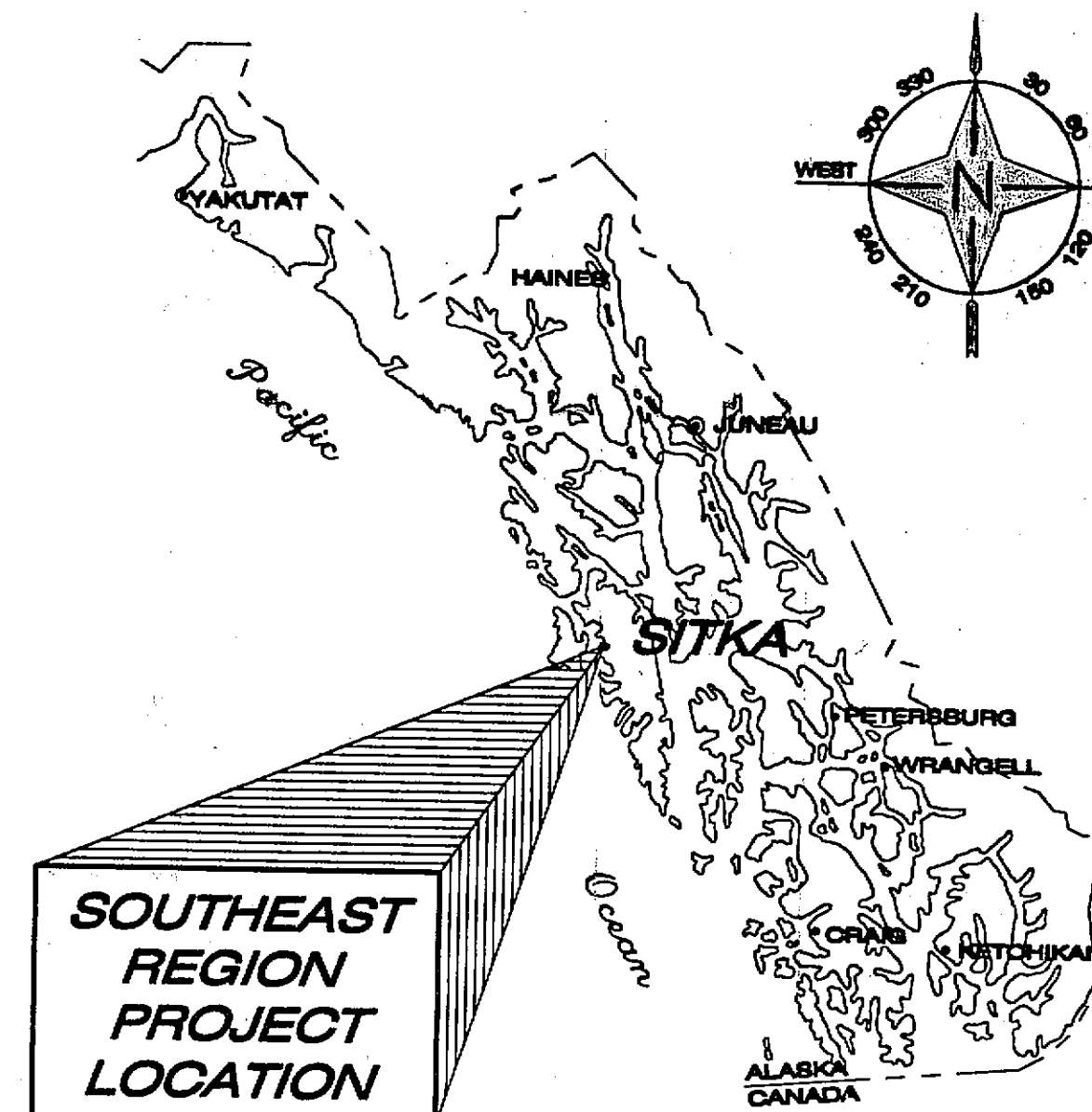
State of Alaska

Department of Transportation and Public Facilities

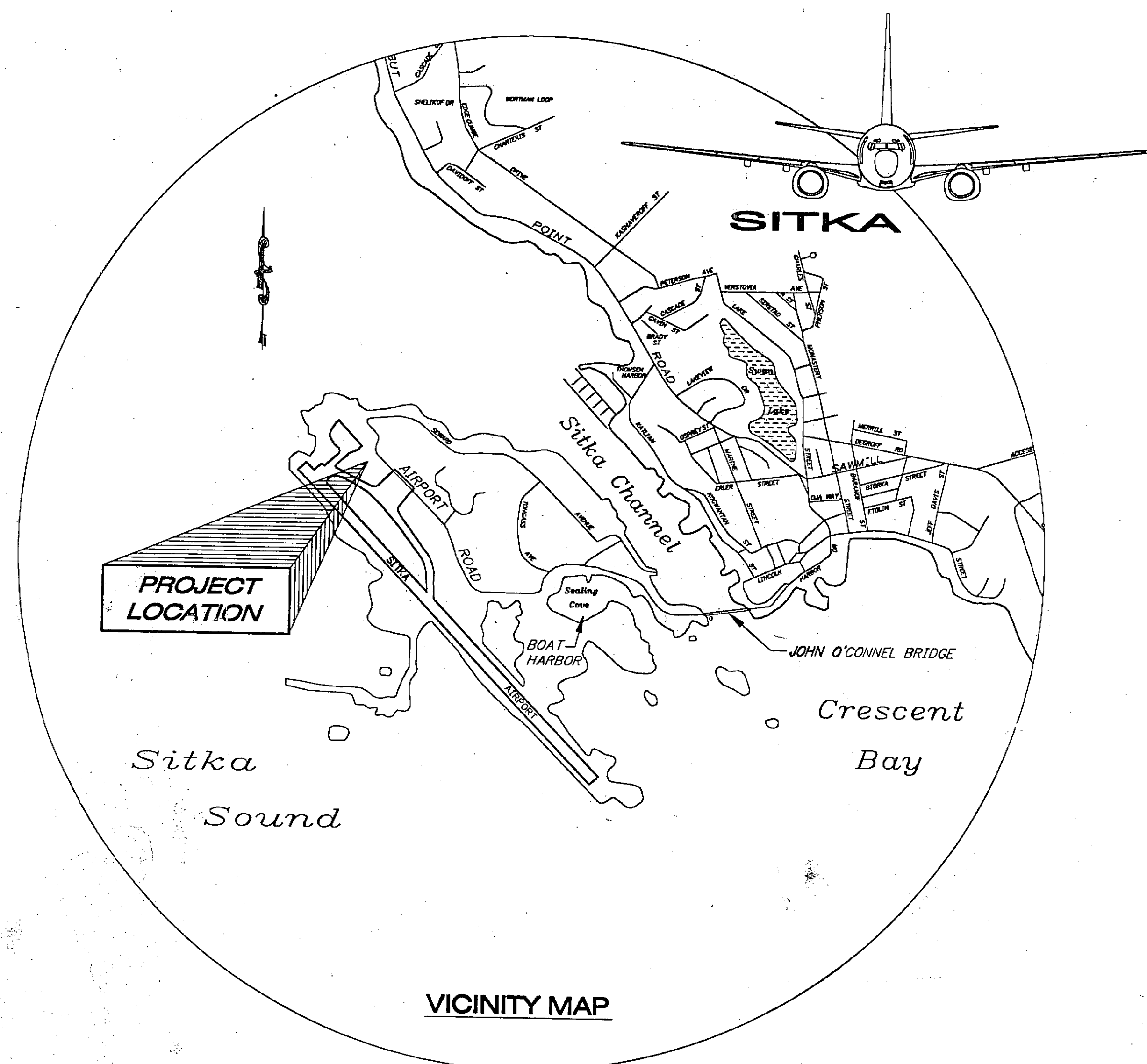
Statewide Design and Engineering Services Division

SITKA ROCKY GUTIERREZ AIRPORT

APRON AND TAXIWAY ~ STAGE IV AIP NO. 3-02-0268-1101 ~ 68039



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N1	EROSION & POLLUTION CONTROL PLAN



As-Built Drawings

Contractor: Hamilton Construction
Project Engineer: Todd Fleming
Beginning Date: 9-19-01
End Date: 9-25-03

DESIGN DESIGNATIONS

AIRPORT TYPE.....COMMERCIAL SERVICE
RUNWAY CATEGORY.....TRANSPORT
RUNWAY/TAXIWAY SURFACE.....ASPHALT CONCRETE
RUNWAY LIGHTING.....HIGH INTENSITY RUNWAY LIGHTING (HIRL)
TAXIWAY LIGHTING.....MEDIUM INTENSITY TAXIWAY LIGHTING (MITL)
AIRPORT REFERENCE CODE.....C-III
AIRPORT ELEVATION.....20.78 ft (MSL)
AIRPORT REFERENCE POINT.....Latitude N 57° 02' 50.8"
(ARP Coordinates - NAD '83) Longitude W 135° 21' 38.2"

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

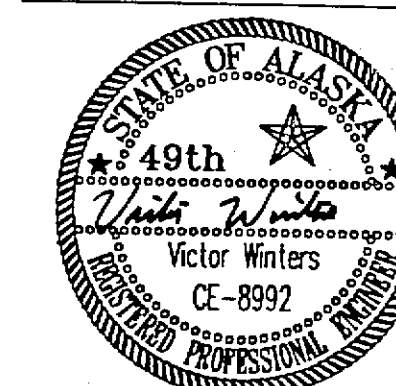
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D-22.00[M] S-05.01[M]
D-23.00[M] U-03.00[M]
D-26.04[M]
D-20.05[M]
D-35.02[M]
F-03.01[M]
I-20.13[M]

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION



Project As-Built Drawings have been
reviewed by the Project Engineer and
represent to the best of my knowledge,
the project as constructed.
Proj. Eng. 7/18/01 Date 7-18-01

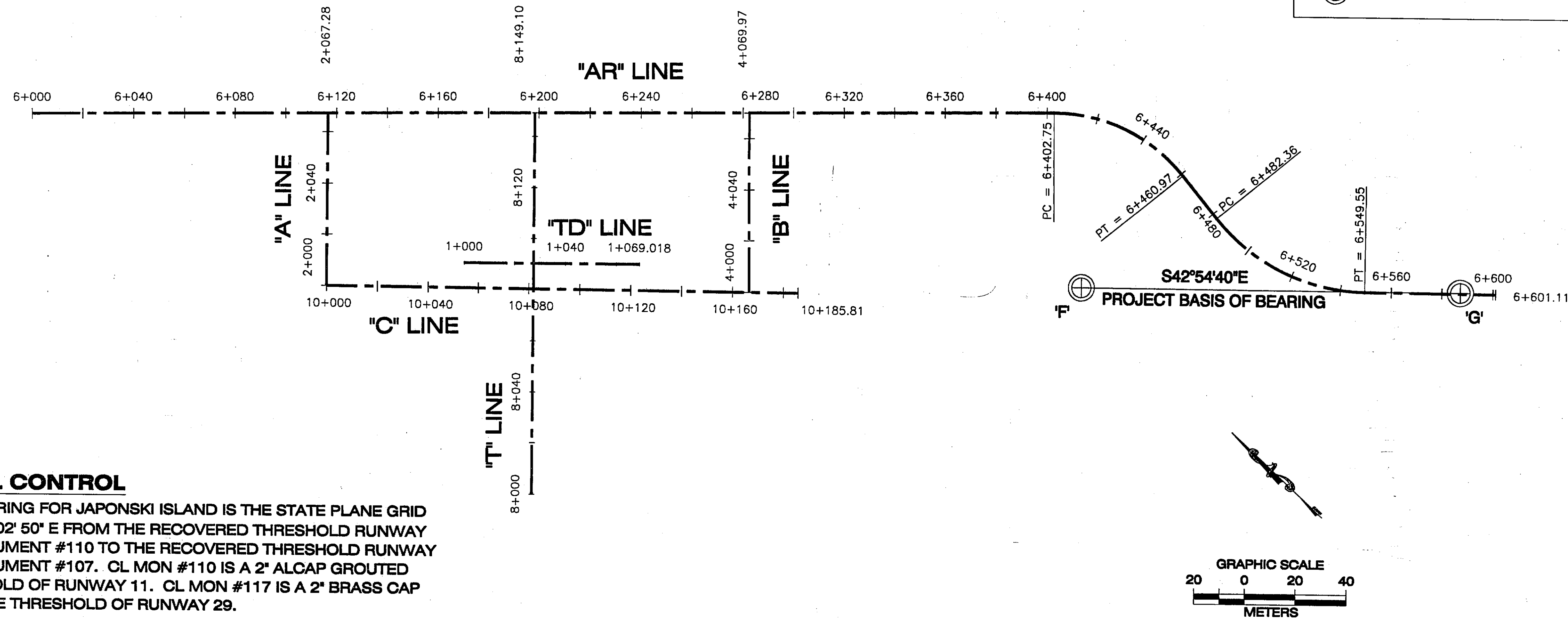
APPROVED:

For Jack O'Sullivan 7/18/01
REGIONAL PRE-CONSTRUCTION ENGINEER DATE

APPROVED:

[Signature] 7/19/01
DIRECTOR, SOUTHEAST REGION DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	AIP #3-02-0268-1101	2001	A1	527



LEGEND

= PK w/ WASHER

= 2" ALCAP ON REBAR

= CL BRASS CAP IN CASE

HORIZONTAL CONTROL

THE BASIS OF BEARING FOR JAPONSKI ISLAND IS THE STATE PLANE GRID BEARING OF S 43° 02' 50" E FROM THE RECOVERED THRESHOLD RUNWAY CENTERLINE MONUMENT #110 TO THE RECOVERED THRESHOLD RUNWAY CENTERLINE MONUMENT #107. CL MON #110 IS A 2" ALCAP GROUTED INTO THE THRESHOLD OF RUNWAY 11. CL MON #117 IS A 2" BRASS CAP GROUTED INTO THE THRESHOLD OF RUNWAY 29.

THE PROJECT SPECIFIC HORIZONTAL CONTROL IS THE BEARING OF S 42°54'40" E FROM THE DOH CL MON "F" #1 TO THE DOH CL MON "G" #2.

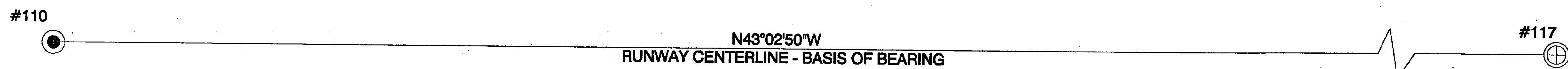
BASIS OF LOCAL COORDINATES IS AT DOH CL MON "F" #1 N=9477.314 E=14594.658

VERTICAL CONTROL

THE BASIS OF VERTICAL CONTROL IS THE USC&GS BENCHMARK "16 1941" LOCATED AT THE NW CORNER OF THE ALASKA PIONEERS HOME GROUNDS. THE PUBLISHED ELEVATION FOR BENCHMARK "16 1941" IS 6.206 METERS ABOVE MLLW BASED ON THE 1960-1978 TIDAL EPOCH.

THE PROJECT SPECIFIC BASIS OF VERTICAL CONTROL IS THE DOH CL MON "F" POINT #1, WITH AN ACCEPTED ELEVATION OF 10.778 METERS ABOVE MLLW.

Pnt#	Northing (m)	Easting (m)	Elevation (m)	Description
1	9477.314	14594.658	10.778	CL MON "F"
2	9367.927	14696.347	11.299	CL MON "G"
18	9451.449	14419.992	10.295	"SA-2"
110	9613.684	14071.789	7.311	CL RNWY 164+00
117	8165.837	15424.161	7.959	CL RNWY 99+00



Survey Control Diagram
Sitka Airport Apron and Ramp

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj Engr Date 6-6-05

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Survey Control Diagram

DESIGNED BY: G. McLEAN

CHECKED BY: R. MURPHY
DRAWN BY: G. McLEAN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION
SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
Survey Control
Diagram

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
A2	527

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TAB: CONTROLPLAN

ADDENDUM NUMBER

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APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Survey Control Diagram

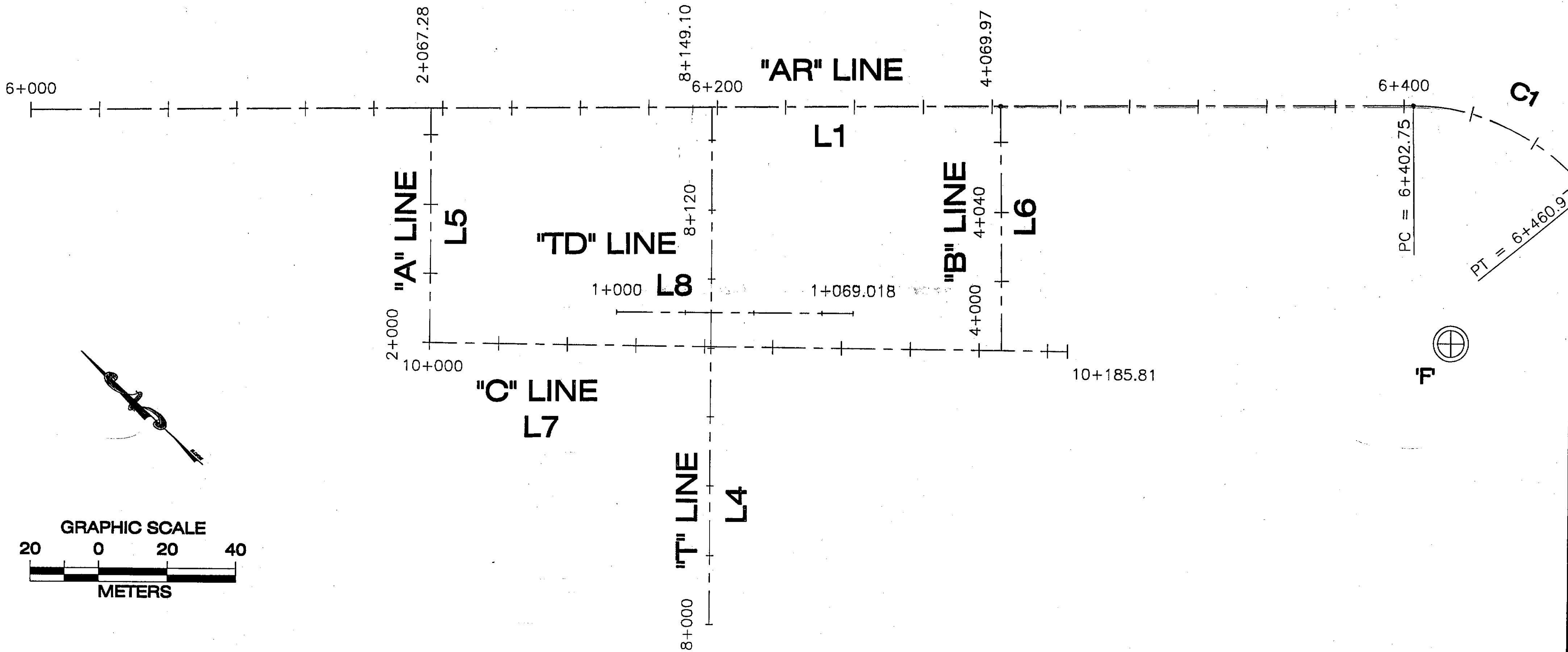
DESIGNED BY: G. McLEAN

CHECKED BY: R. MURPHY
DRAWN BY: G. McLEAN

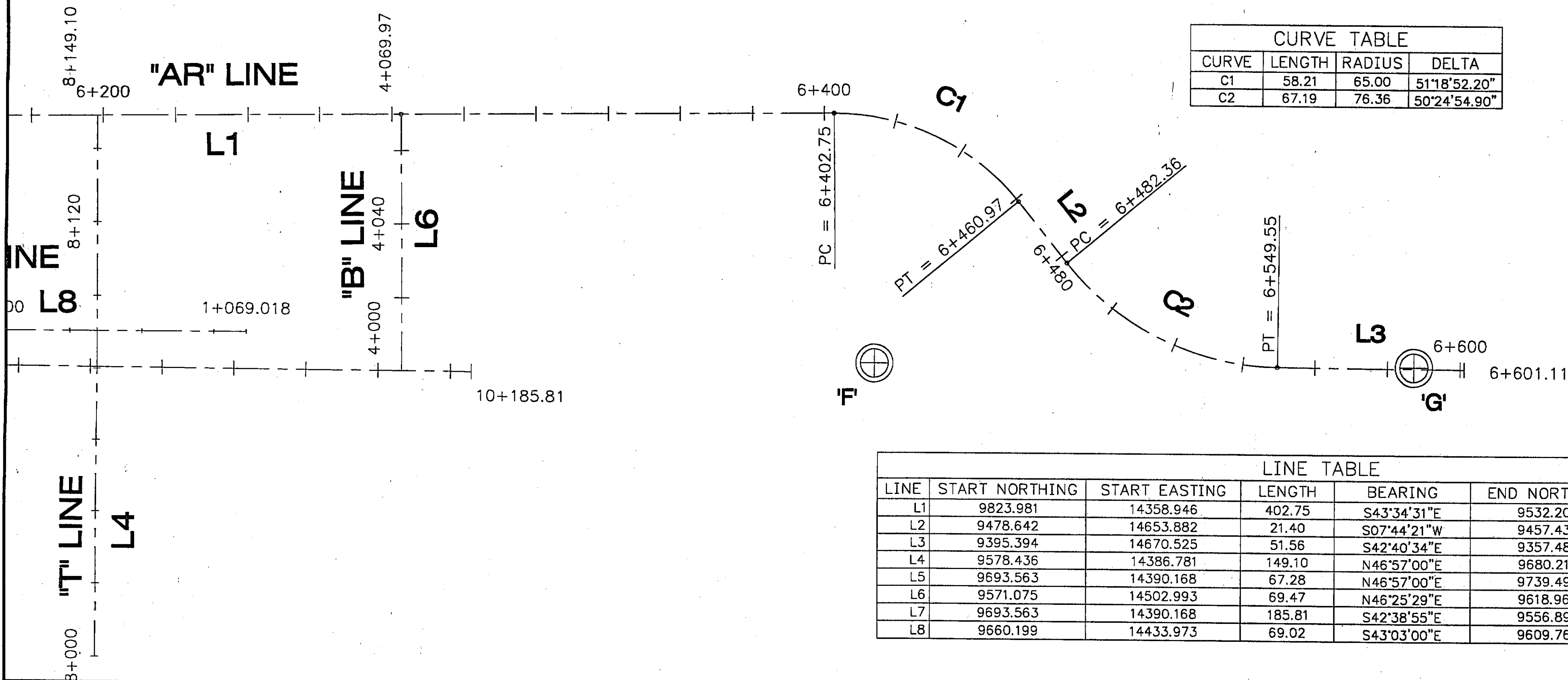
STATE OF ALASKA
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STATEWIDE DESIGN & ENGINEERING
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CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	58.21	65.00	51°18'52.20"
C2	67.19	76.36	50°24'54.90"



LINE TABLE						
LINE	START NORTHING	START EASTING	LENGTH	BEARING	END NORTHING	END EASTING
L1	9823.981	14358.946	402.75	S43°34'31"E	9532.200	14636.565
L2	9478.642	14653.882	21.40	S07°44'21"W	9457.438	14651.000
L3	9395.394	14670.525	51.56	S42°40'34"E	9357.487	14705.476
L4	9578.436	14386.781	149.10	N46°57'00"E	9680.215	14495.735
L5	9693.563	14390.168	67.28	N46°57'00"E	9739.492	14439.334
L6	9571.075	14502.993	69.47	N46°25'29"E	9618.963	14553.323
L7	9693.563	14390.168	185.81	S42°38'55"E	9556.893	14516.056
L8	9660.199	14433.973	69.02	S43°03'00"E	9609.763	14481.087

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Engr. *[Signature]* Date: 4-6-05

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
 APRON AND TAXIWAY
 STAGE IV
 PROJECT NO. 68039

Alignment Diagram

DESIGNED BY: R. KRAEMER

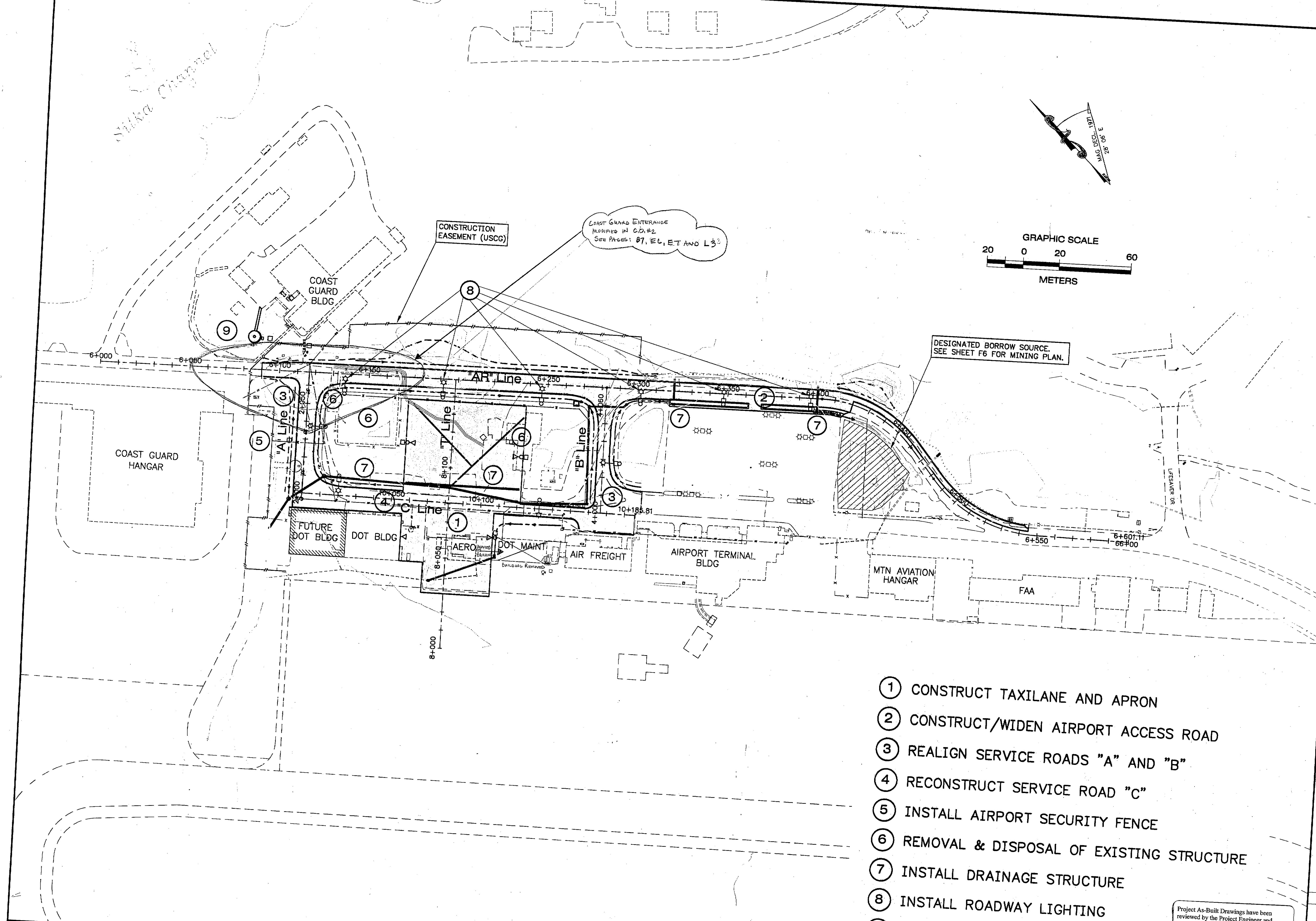
CHECKED BY: V. WINTERS
 DRAWN BY: R. KRAEMER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING
 SERVICES DIVISION

SITKA ROCKY GUTIERREZ
 AIRPORT-APRON & TAXIWAY
 STAGE IV
 PROJECT NO. 68039
Alignment Diagram

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
A3	527



- ① CONSTRUCT TAXILANE AND APRON
- ② CONSTRUCT/WIDEN AIRPORT ACCESS ROAD
- ③ REALIGN SERVICE ROADS "A" AND "B"
- ④ RECONSTRUCT SERVICE ROAD "C"
- ⑤ INSTALL AIRPORT SECURITY FENCE
- ⑥ REMOVAL & DISPOSAL OF EXISTING STRUCTURE
- ⑦ INSTALL DRAINAGE STRUCTURE
- ⑧ INSTALL ROADWAY LIGHTING
- ⑨ RELOCATE USCG FLAGPOLE AND SIGN

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 2-8-07

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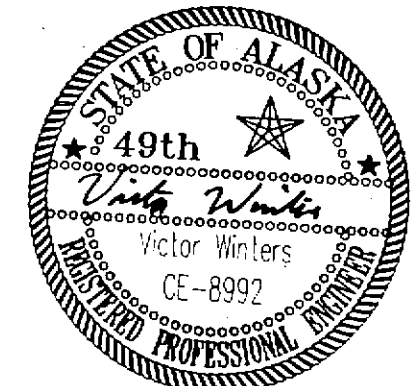
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

General Layout Plan

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039

General
Layout Plan

PROJECT DESIGNATION NUMBER

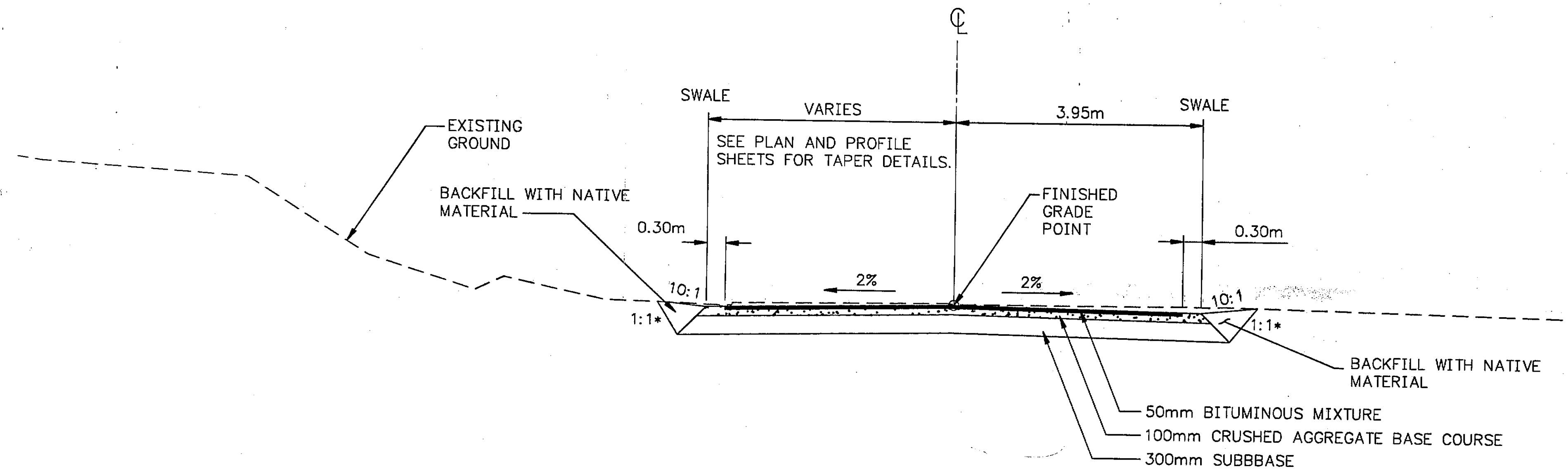
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STATE YEAR

ALASKA 2001

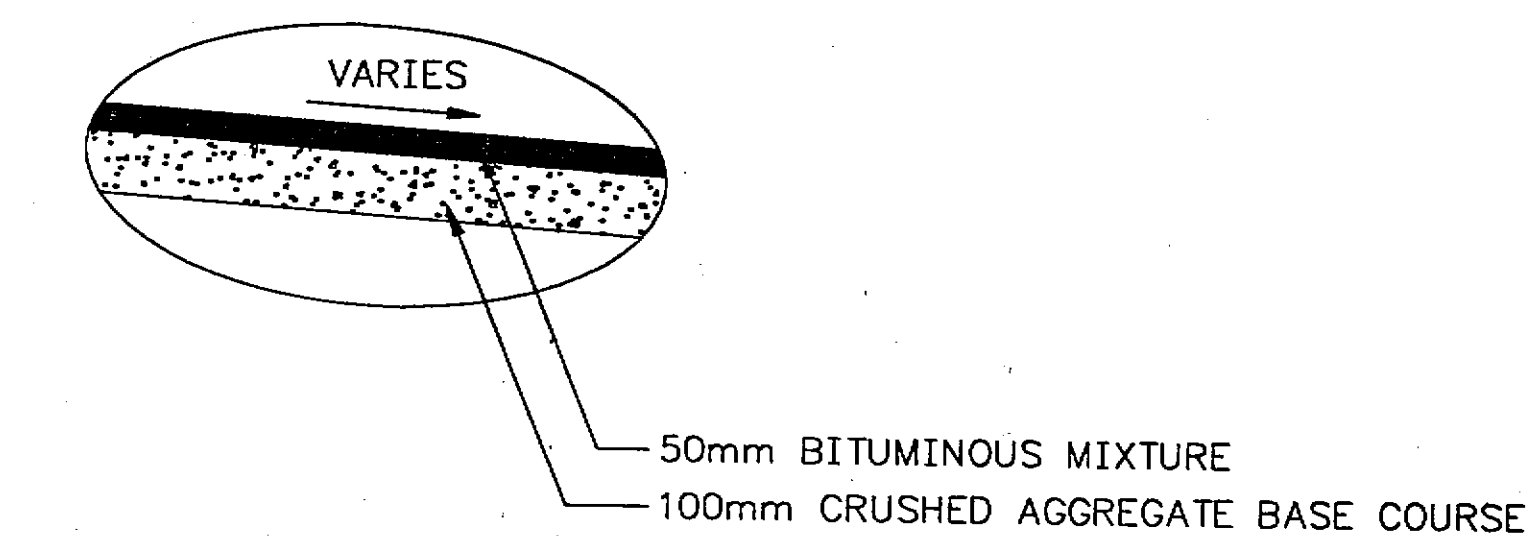
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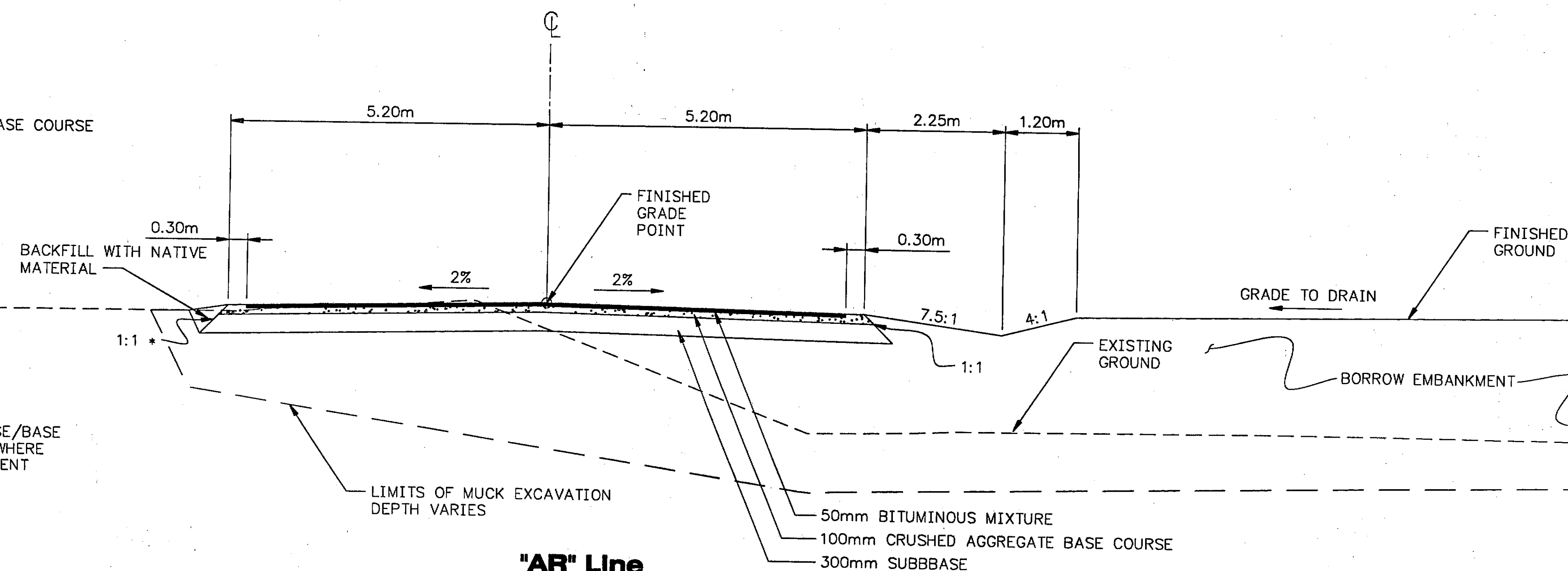
* SLOPE OF EXCAVATION AND SUBBASE/BASE COURSES MAY BE 1:1 OR STEEPER WHERE MATERIALS SUITABLE FOR EMBANKMENT ARE ENCOUNTERED.

**"AR" Line
Typical Section
6+090 to 6+110**



**Paved Turn-Around
Typical Section
SEE SHEET E3 FOR LAYOUT**

* SLOPE OF EXCAVATION AND SUBBASE/BASE COURSES MAY BE 1:1 OR STEEPER WHERE MATERIALS SUITABLE FOR EMBANKMENT ARE ENCOUNTERED.



**"AR" Line
Typical Section
6+110 to 6+142.2**

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

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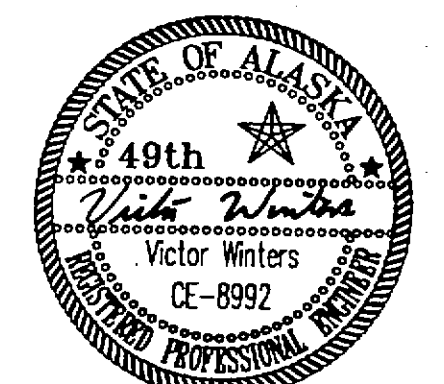
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Typical Sections

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS

DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

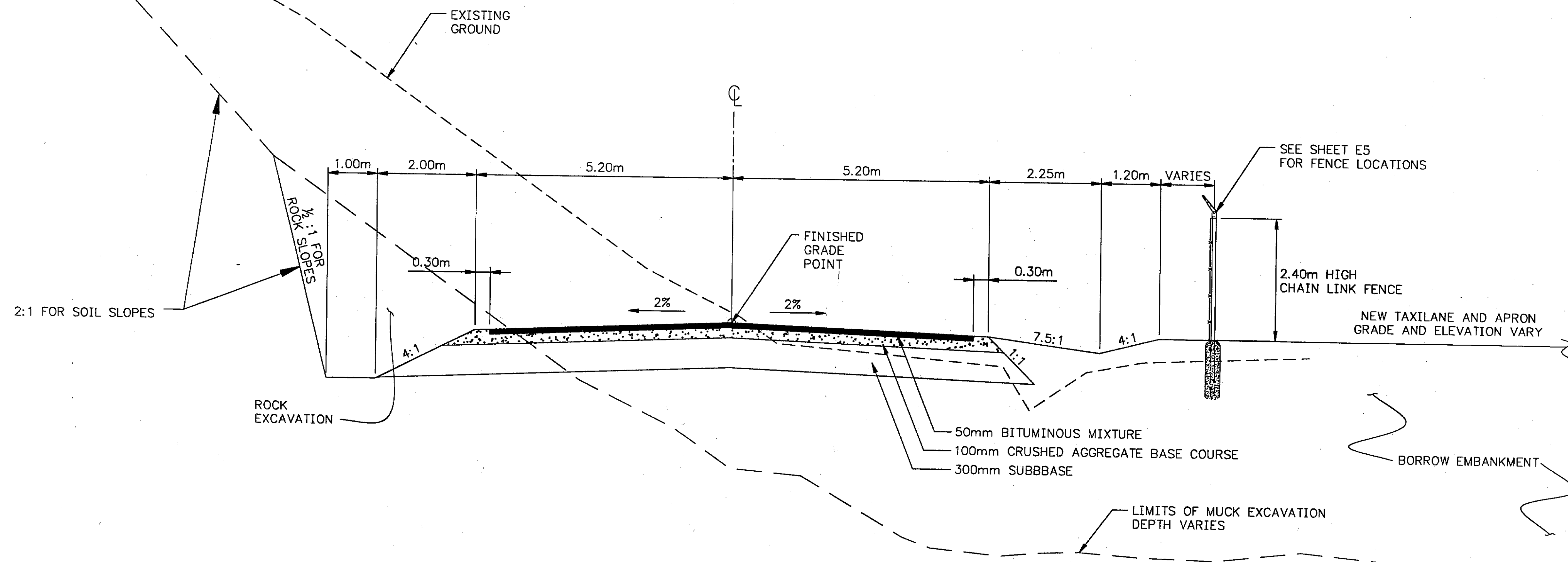
SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039

**Typical
Sections**

PROJECT DESIGNATION NUMBER

AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
B1	521



**"AR" Line
Typical Section
6+142.2 to 6+317.80**

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date *2-24-01*

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ADDENDUM NUMBER

ATTACHMENT NUMBER

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SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
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PROJECT NO. 68039

Typical Sections

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

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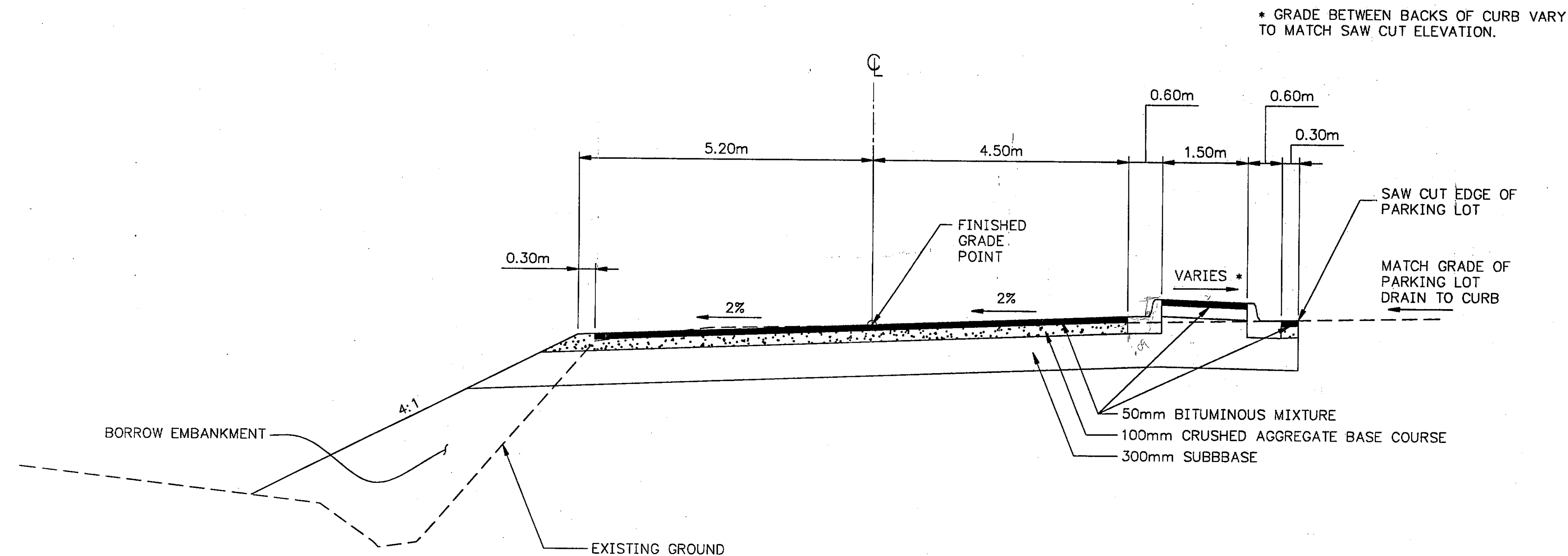
SITKA ROCKY GUTIERREZ
AIRPORT - APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039

**Typical
Sections**

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

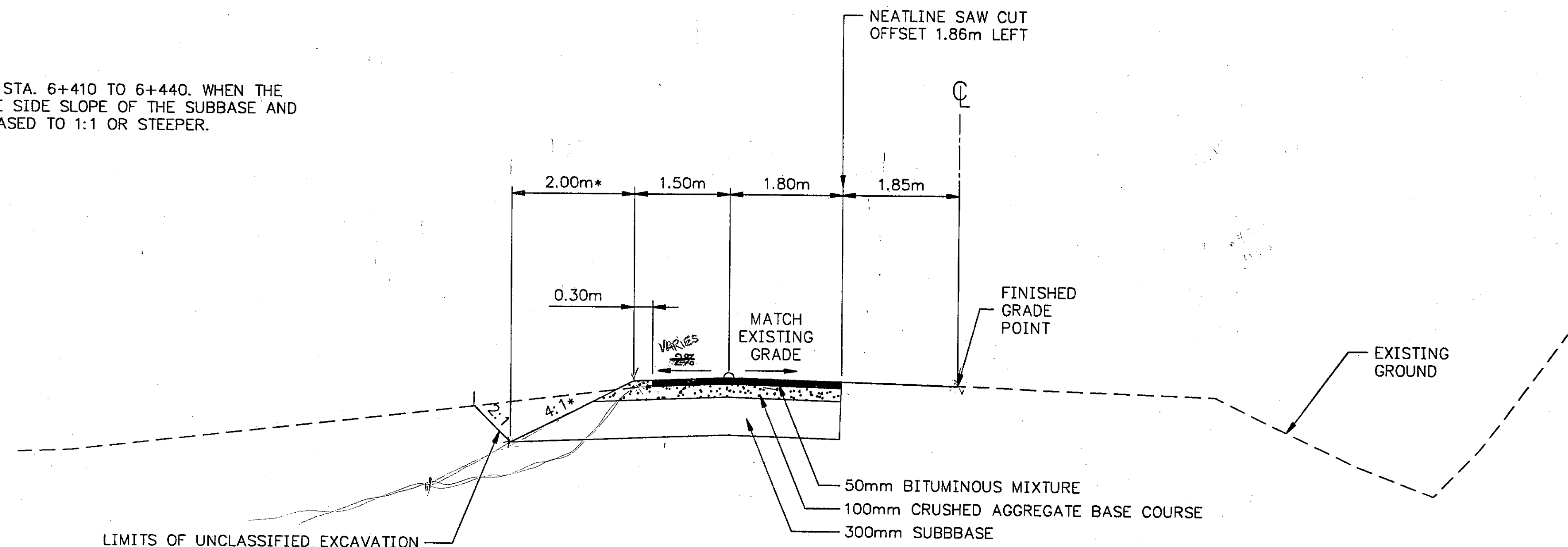
STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
B2	527



**"AR" Line
Typical Section
6+317.8 to 6+420**

* DITCH ONLY REQUIRED FROM STA. 6+410 TO 6+440. WHEN THE DITCH IS NOT REQUIRED, THE SIDE SLOPE OF THE SUBBASE AND BASE COURSE CAN BE INCREASED TO 1:1 OR STEEPER.



**"AR" Line
Typical Section
6+420 to 6+544.38**

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

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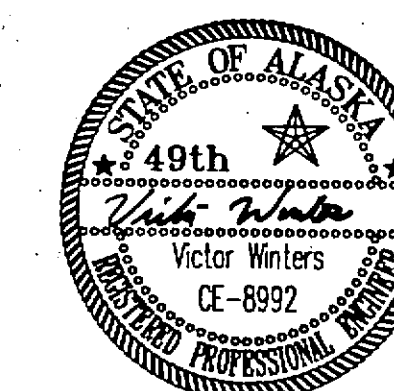
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SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
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PROJECT NO. 68039

Typical Sections

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS

DRAWN BY: R. SNYDER

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DEPARTMENT OF TRANSPORTATION
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AIRPORT - APRON & TAXIWAY
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**Typical
Sections**

PROJECT DESIGNATION NUMBER

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STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
B3	527

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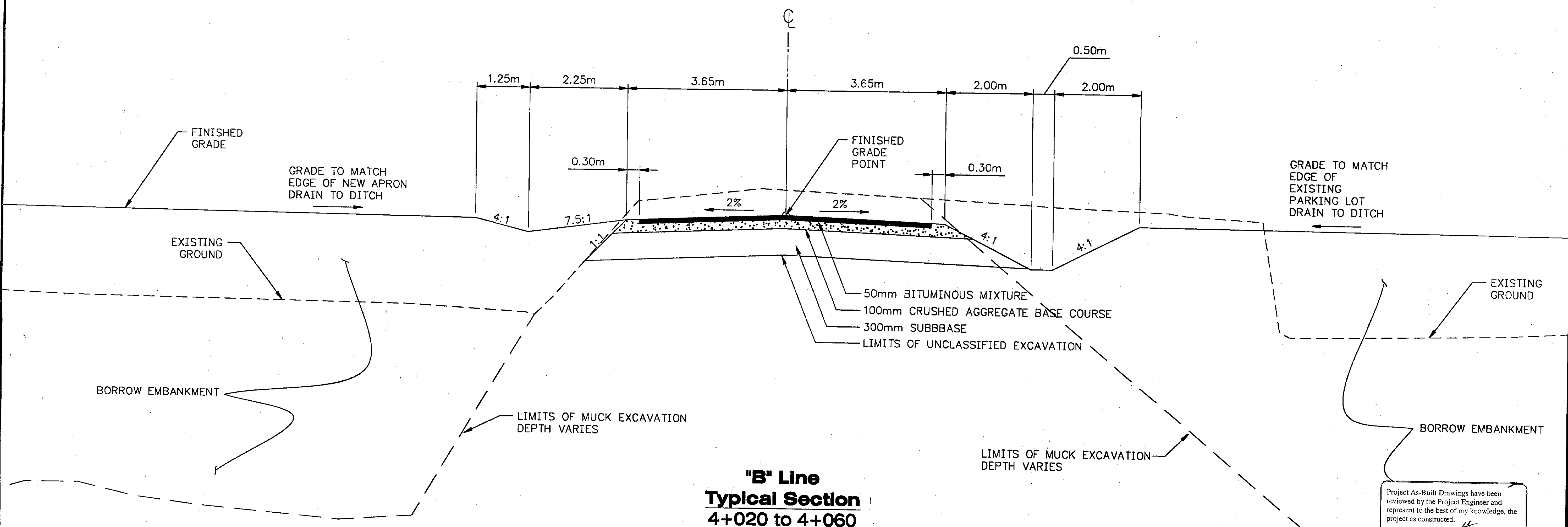
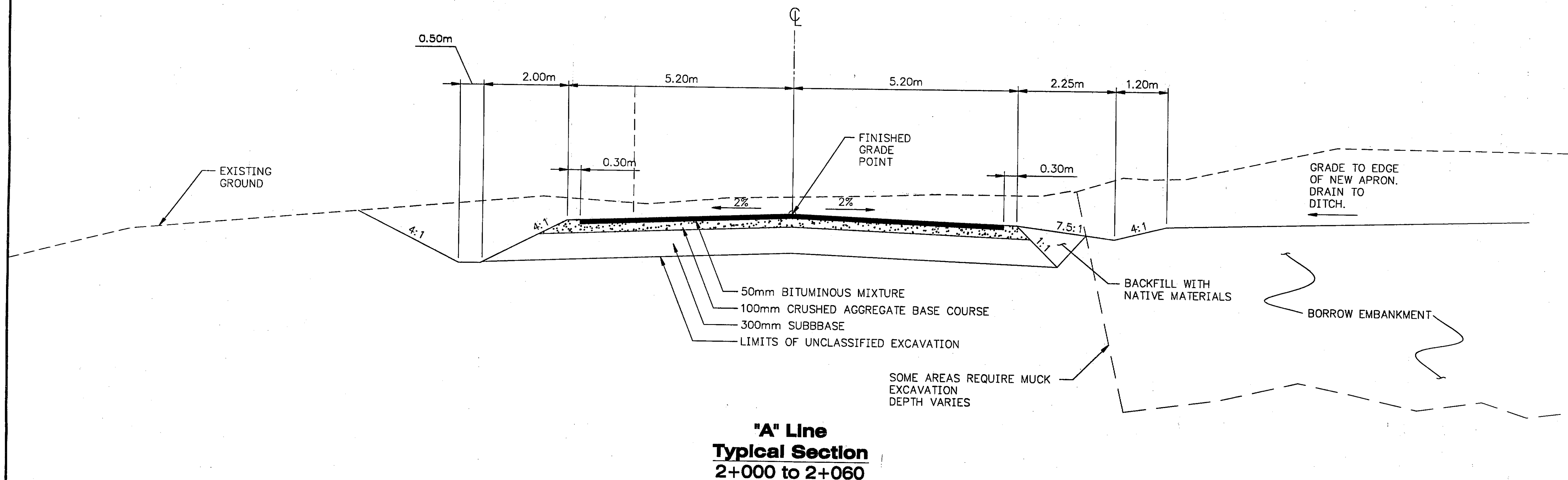
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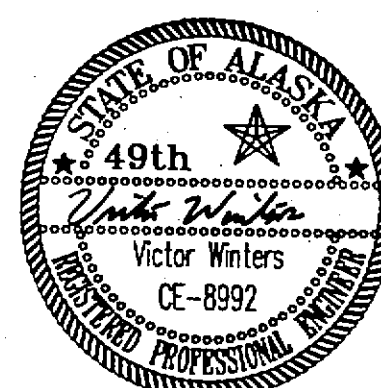
No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
 APRON AND TAXIWAY
 STAGE IV
 PROJECT NO. 68039

Typical Sections



DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS

DRAWN BY: R. SNYDER

STATE OF ALASKA
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SITKA ROCKY GUTIERREZ
 AIRPORT-APRON & TAXIWAY
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**Typical
Sections**

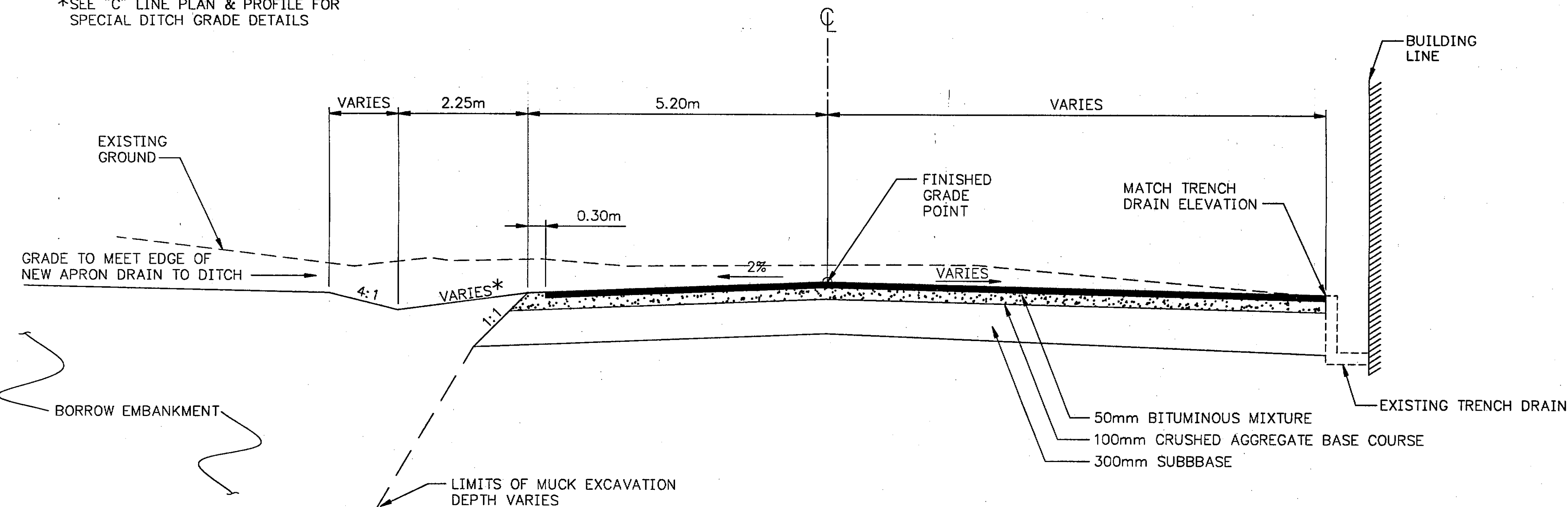
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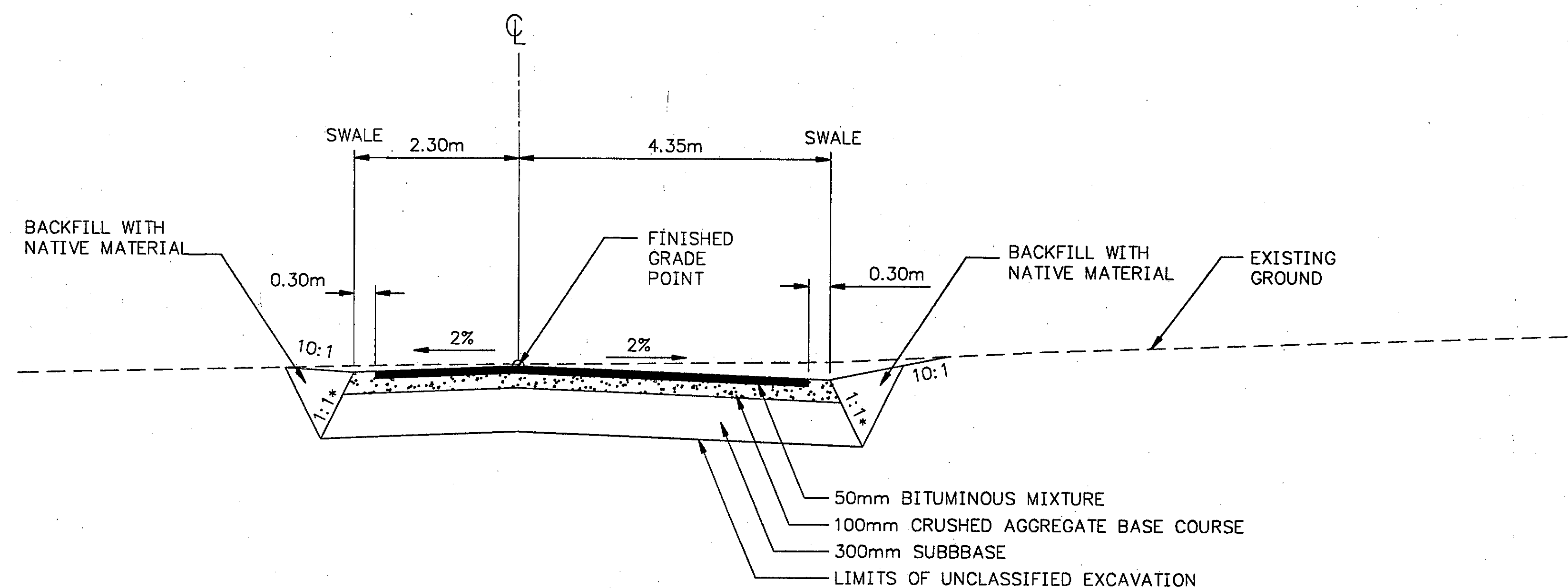
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 Proj. Engr. *[Signature]* Date 4-6-05

*SEE "C" LINE PLAN & PROFILE FOR
SPECIAL DITCH GRADE DETAILS



**"C" Line
Typical Section
10+000 to 10+055**

* SLOPE OF EXCAVATION AND SUBBASE/BASE
COURSES MAY BE 1:1 OR STEEPER WHERE
MATERIALS SUITABLE FOR EMBANKMENT
ARE ENCOUNTERED.



**"C" Line
Typical Section
10+109 to 10+155.30**

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project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

PATH:
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ADDENDUM NUMBER

ATTACHMENT NUMBER

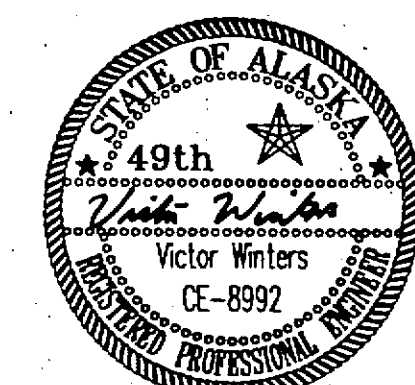
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APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Typical Sections

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS

DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ AIRPORT-APRON & TAXIWAY
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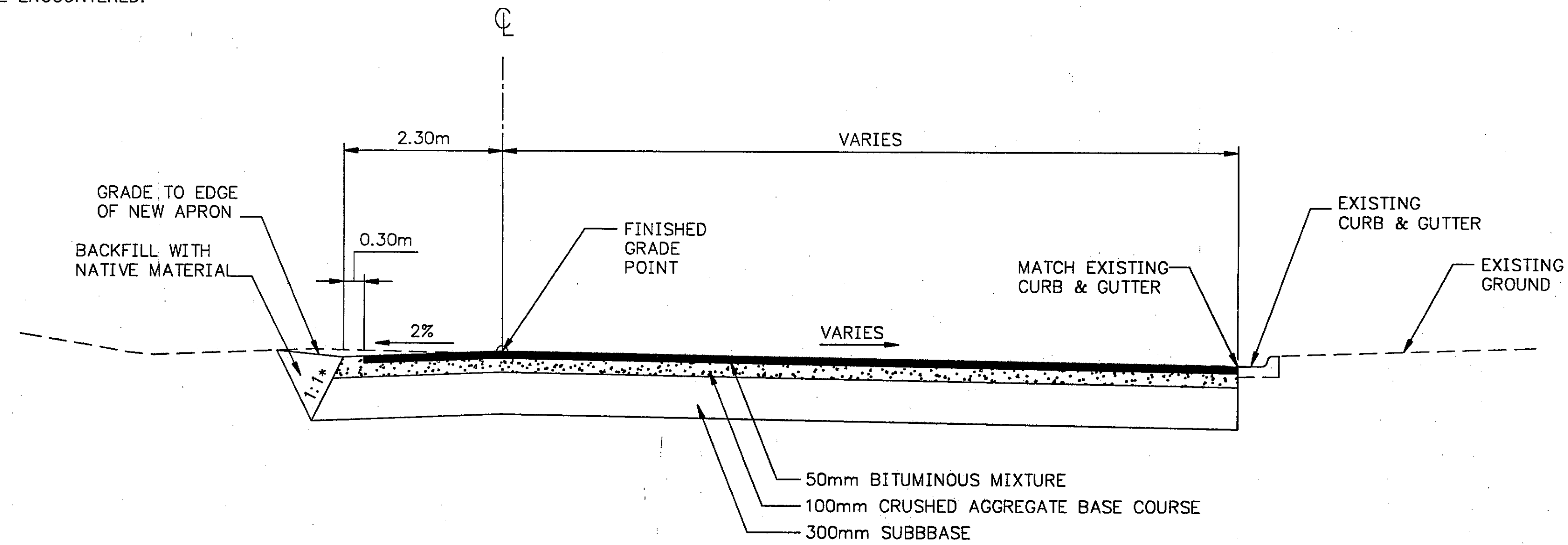
**Typical
Sections**

PROJECT DESIGNATION NUMBER

AIP #3-02-0268-1101

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SHEET NUMBER	TOTAL SHEETS
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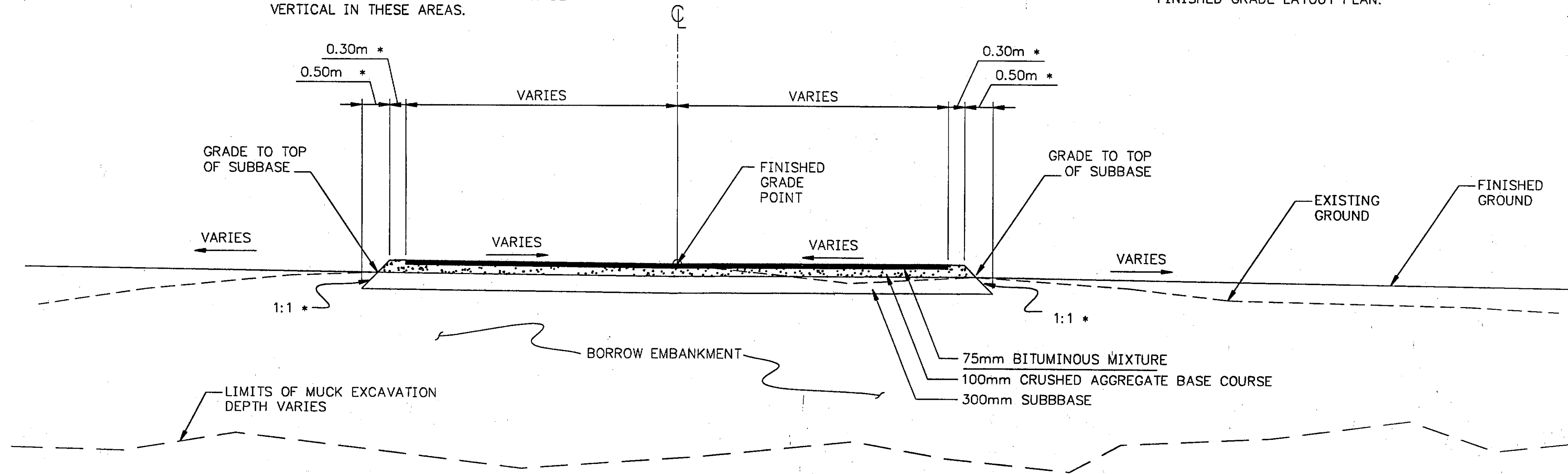
* SLOPE OF EXCAVATION AND SUBBASE/BASE COURSES MAY BE 1:1 OR STEEPER WHERE MATERIALS SUITABLE FOR EMBANKMENT ARE ENCOUNTERED.



**"C" Line
Typical Section**
10+155.30 to 10+185.80

* SHOULDER NOT NEEDED WHEN ADJACENT TO BUILDINGS OR OTHER PAVED AREAS. SLOPE OF BASE AND SUBBASE COURSES MAY BE VERTICAL IN THESE AREAS.

NOTE:
SEE SHEET E2 FOR TAXILANE
FINISHED GRADE LAYOUT PLAN.



**"T" Line
Taxilane Typical Section**
8+000 to 8+137

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

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ADDENDUM NUMBER

ATTACHMENT NUMBER

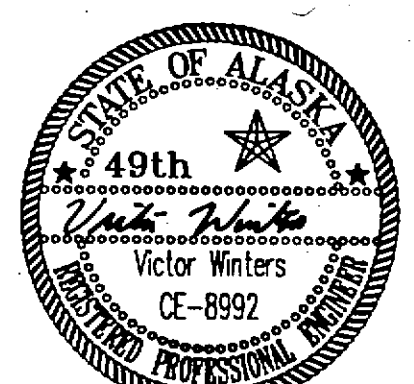
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Typical Sections

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION
SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
**Typical
Sections**

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
B6	521

TYPICAL SECTION COAST GUARD ENTRANCE

CHANGE ORDER #2

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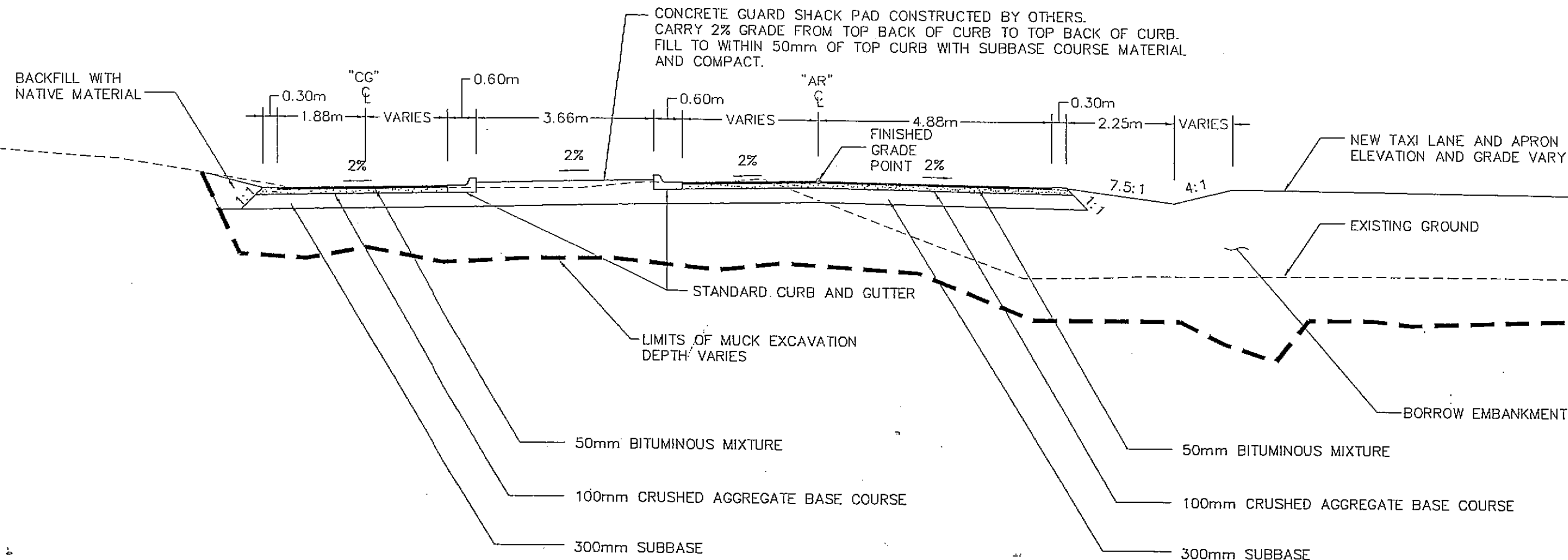
ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

(C.O.#2)
PRINT FULL SIZE
INSERT WITH PLANS -
FOLLOW B6



NOTES:

1. SEE PLAN VIEW FOR CURB AND GUTTER LAYOUT.
2. LEFT DITCH NOW BEGINS AT STATION "AR" 6+150±. SEE TYPICALS FOR "AR" STATION 6+142.20 TO 6+317.80
3. SEE ALASKA STANDARD DRAWING I-20.13[M] FOR DETAILS OF STANDARD CURB AND GUTTER.

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Typical Sections

DESIGNED BY: R. KRAEMER



CHECKED BY:

DRAWN BY: M. LIMBAUGH

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039

Typical
Sections

PROJECT DESIGNATION NUMBER

AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEET
66 67	57

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng. *[Signature]* Date 2-8-07

Estimate of Quantities

Item No		Pay Unit	Quantity
D-701a	Corrugated	Meter	194 189
D-701d	Corrugated	Meter	141 137.34
D-705a	Corrugated	Meter	112 105.30
D-751a	Manhole	Each	3
D-751c	Inlets, T	Each	7
D-754a	Structure	Cubic Meter	17
D-770a	Trench	Meter	63
D-786a	Sanitary	Meter	94 95.30
D-786b	Sanitary	Each	3 2
D-786c	Sanitary	Each	1 2
D-786d	Sanitary	Each	3
D-796f	Fire Hyd	Each	1
D-796h	Water Se	Each	3
F-162a	2.4 Mete	Meter	365 300.15
F-162b	4.8 Mete	Each	1
F-162d	6.1 Mete	Each	1
F-162f	1.2 Mete	Each	1
F-163a	Electric C	Each	1
G-100a	Mobilizati	Lump Sum	All Req'd
G-135a	Construct	Lump Sum	All Req'd
L-660c	Lighting	Lump Sum	All Req'd
P-151b	Clearing	Hectare	1.25 1.24
P-152b	Rock Exc	Cubic Meter	400
P-152a	Muck Exc	Cubic Meter	16450 36,490.03
P-152h	Borrow E	Cubic Meter	11660 25,983.52
P-152j	Trench Ex	Cubic Meter	930 848.68
P-152k	Trench Ex	Cubic Meter	200 231.60
P-154b	Subbase	Megagram	10090 3,985
P-156a	Erosion a	Lump Sum	All Req'd
P-156b	Temporary	Contingent Sum	All Req'd
P-165a	Removal	Lump Sum	All Req'd
P-165b	Relocation	Lump Sum	All Req'd
P-165c	Removal	Megagram	200
P-209b	Crushed A	Megagram	4360 1685
P-401a	Bituminous	Megagram	2350 2,285.21
P-401b	Bituminous	Contingent Sum	All Req'd
P-401c	Bituminous	Megagram	141 132.09
P-615a	Standard	Lump Sum	All Req'd
P-620a	Runway ar	Square Meter	23 22 21.86
P-643a	Traffic Mai	Lump Sum	All Req'd
P-660a	Painted Tr	Lump Sum	All Req'd
T-901d	Seeding Co	Lump Sum	All Req'd
P-612b	Curb & Gu	Meter	155 154.80

Basis of Estimate

Item No.	Item	English	Metric
P-154b	Subbase Course	1.80 ton/cy	2.136 Mg/ cu. m
P-209b	Crushed Aggregate Base Course	1.96 ton/cy	2.326 Mg/ cu. m
P-401a	Bituminous Mixture	121 lb/sy/in	0.002584 Mg/sq.m/mm
P-401c	Bituminous Material [PG 64-28]	6% of P-401a	6% of P-401a

ITEM NUMBER	PAY ITEM	PAY UNIT	QUANTITY
G-704a	HAZARDOUS AREA BARRIER	EACH	9
GCP-100	QUALITY CONTROL PROGRAM	LUMP SUM	ALL REQ'D
100b-1	DELAY EXPENSES (C.O.#1)	LUMP SUM	ALL REQ'D
100b-1	DELAY MATERIAL HANDLING (C.O.#5)	LUMP SUM	ALL REQ'D
G-100b-2	DELAY EXPENSES (C.O.#6)	LUMP SUM	ALL REQ'D
G-100b-2a	DELAY EXPENSES (C.O.#7)	LUMP SUM	ALL REQ'D
P-152a-1	UNCLASSIFIED EXCAVATION - PRICE ESCALATION (C.O.#6)	CUBIC METER	9,162.08
P-152h-1	BORROW EMBANKMENT (C.O.#6)	CUBIC METER	7,165.01
P-152h-2	ADDITIONAL BORROW EMBANKMENT (C.O.#6)	CUBIC METER	5,006.16
P-154a	SUBBASE COURSE (C.O.#5)	CUBIC METER	3,710.16
P-165d	HAZARDOUS WASTE REMEDIATION (C.O.#3)	LUMP SUM	ALL REQUIRED
P-165e	REMOVE DOT MAINTENANCE STORAGE BUILDING	LUMP SUM	ALL REQ'D
P-209a	CRUSHED AGGREGATE BASE COURSE	CUBIC METER	1,582.44
	C.O.#2		
P-152a	UNCLASSIFIED EXCAVATION	CUBIC METER	1,450.00
P-152h	BORROW EMBANKMENT	CUBIC METER	283.00
P-154b	SUBBASE COURSE	MEGAGRAM	274.67
P-209b	CRUSHED AGGREGATE BASE COURSE	MEGAGRAM	103.29
P-401a	BITUMINOUS MIXTURE	MEGAGRAM	18.83
P-401c	BITUMINOUS MATERIAL	MEGAGRAM	1.09
P-612b	CURB AND GUTTER	MEGAGRAM	52.20
P-670	COAST GUARD ENTRANCE	LUMP SUM	ALL REQ'D

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TAB: ESTIMATE

ADDENDUM NUMBER

ATTACHMENT NUMBER

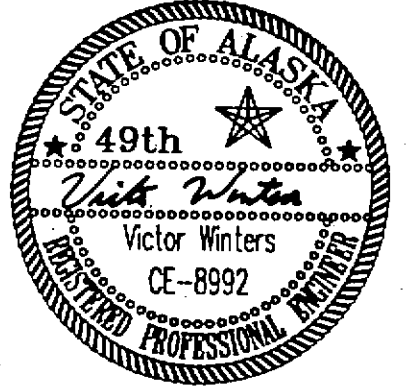
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Estimate of Quantities

DESIGNED BY: R. KRAEMER

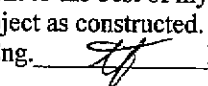


CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION
SITKA ROCKY GUTIERREZ
AIRPORT - APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
Estimate of Quantities

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
C1	527

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng.  Date 2-8-07

Structure Summary*

STRUCTURE	TYPE	GRATE	STATION	OFFSET	GRATE ELEV.	SUMP ELEV.	INLET		OUTLET		NOTES
							PIPE	APPROX. INVERT	PIPE	APPROX. INVERT	
S-1	MH I	FIELD INLET	"AR" 6+108.680	70.926 RT	9.90	7.78	P-2	8.24	P-1	8.23	1,3
S-2	MH I	FIELD INLET	"AR" 6+127.766	57.284 RT	10.20	7.89	P-3	8.35	P-2	8.34	1,3 GRATE 10.260, A 2+013.4 9 RT
S-3	MH I	SLOTTED	"C" 10+081.761	8.509 LT	10.80	8.22	P-4	8.68	P-3	8.67	1,5
S-4	A	FIELD INLET	"C" 10+122.459	2.498 LT	10.83	8.42	P-5	8.87	P-4	8.87	2,3 GRATE 10.76
S-5	A	FIELD INLET	"C" 10+158.785	4.527 LT	11.14	8.59	P-6	9.05	P-5	9.04	2,3 "C" STA. 10.156 6.2 LT GRATE 11.14
S-6	A	FIELD INLET	"B" 4+059.153	9.352 LT	9.75	8.85	P-7	9.30	P-6	9.30	2,3
S-7	A	FIELD INLET	"T" 8+052.089	27.321 RT	10.61	9.57	---	---	P-10	9.57	2,3 GRATE
S-8	A	SLOTTED	"T" 8+036.886	8.651 LT	10.16	9.50	P-10	9.50	EXISTING	9.50	7 "T" 8+061.5 25.3 RT. GRATE 10.555
S-9	A	CURB INLET	"AR" 6+320.000	7.260 RT	10.44	9.66	---	---	P-11	9.66	2,4
S-10	A	CURB INLET	"AR" 6+400.000	7.260 RT	10.53	9.66	---	---	P-12	9.66	2,4
		FIELD INLET		7.9 RT							
S-20	SSMH	---	"AR" 6+116.494	4.352 LT	11.46	10.15	EXISTING	10.15	P-20	10.15	8
S-21	SSMH	VENTED	"AR" 6+115.657	70.646 RT	10.53	9.93	P-20	9.93	P-21	9.93	6
S-22	SSMH	---	"C" 10+018.722	3.276 RT	10.64	9.88	P-21	9.88	EXISTING	9.88	8 "C" 10+017.5 3.7 RT REPLACED (NEW)
S-23	SSMH	---	"C" 10+145.797	2.638 RT	10.98	---	---	---	---	---	8

NOTES:

1. SEE STANDARD DRAWING D-35.02[M] FOR STRUCTURE DETAILS
2. SEE STANDARD DRAWING D-26.04[M] FOR STRUCTURE DETAILS
3. SEE STANDARD DRAWING D-22.00[M] FOR FIELD INLET FRAME AND GRATE DETAILS
4. SEE STANDARD DRAWING D-23.00[M] FOR CURB INLET FRAME AND GRATE DETAILS
5. USE NEENAH R-3492-BG FRAME & GRATE OR FAA APPROVED EQUIVALENT
6. SEE STD DRAWING D-20.05[M] FOR MH, FRAME & COVER DETAILS
7. USE NEENAH R-3475-E FRAME & GRATE OR FAA APPROVED EQUIVALENT
8. RECONSTRUCT EXISTING SSMH, SALAVAGE & RE-INSTALL FRAME & COVER

Culvert Installation Summary*

PIPE	INLET			OUTLET			200 mm PVC	250 mm DIP	300 mm CMP	600 mm CMP	GRADE	REMARKS
	STATION	OFFSET	APPROX. INVERT	STATION	OFFSET	APPROX. INVERT						
P-1	"AR" 6+108.680	70.926 RT	8.23	"AR" 6+098.674	87.738 RT	8.14				19.56	0.47%	
P-2	"AR" 6+127.766	57.284 RT	8.34	"AR" 6+108.680	70.926 RT	8.24				23.46	0.47%	
P-3	"C" 10+081.761	8.509 LT	8.67	"C" 10+011.598	10.184 LT	8.35				70.18	0.47%	
P-4	"C" 10+122.459	2.498 LT	8.87	"C" 10+081.761	8.509 LT	8.68				41.14	0.47%	
P-5	"C" 10+158.785	4.527 LT	9.04	"C" 10+122.459	2.498 LT	8.87				36.38	0.47%	
P-6	"B" 4+059.153	9.352 LT	9.30	"B" 4+004.652	7.673 LT	9.05			54.53		0.47%	
P-7	"B" 4+059.737	9.625 RT	9.39	"B" 4+059.153	9.352 LT	9.30			18.99		0.47%	
P-8	"T" 8+134.140	37.520 RT	9.56	"T" 8+089.000	0.000 RT	9.25	61.24				0.50%	UNDERDRAIN, INLET END OF PIPE IS BURIED.
P-9	"T" 8+134.259	22.763 LT	9.53	"T" 8+092.088	4.735 RT	9.28	50.35				0.50%	UNDERDRAIN, INLET END OF PIPE IS BURIED.
P-10	"T" 8+052.089	27.321 RT	9.57	"T" 8+036.886	8.651 LT	9.50			39.05		0.20%	
P-11	"AR" 6+320.000	7.260 RT	9.66	"AR" 6+320.000	6.782 RT	9.51			14.04		1.00%	
P-12	"AR" 6+400.000	7.260 RT	9.66	"AR" 6+400.000	6.782 RT	9.51			14.04		1.00%	
P-13	"AR" 6+473.300	8.630 LT	MATCH							2.50	MATCH	EXTEND EXISTING CULVERT
P-20	"AR" 6+116.494	4.352 LT	10.15	"AR" 6+115.657	70.646 RT	9.93		19.02			0.29%	250 mm DUCTILE IRON PIPE
P-21	"AR" 6+115.657	70.646 RT	9.93	"C" 10+018.722	3.276 RT	9.88		75.00			0.29%	250 mm DUCTILE IRON PIPE

TOTALS (m) 111.59 94.02 140.65 193.22

* STRUCTURE & PIPE PROFILES SHOWN ON 'H' SHEETS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 9-6-08

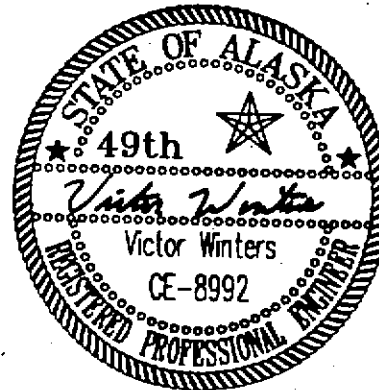
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ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Drainage & Sewer Summaries

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

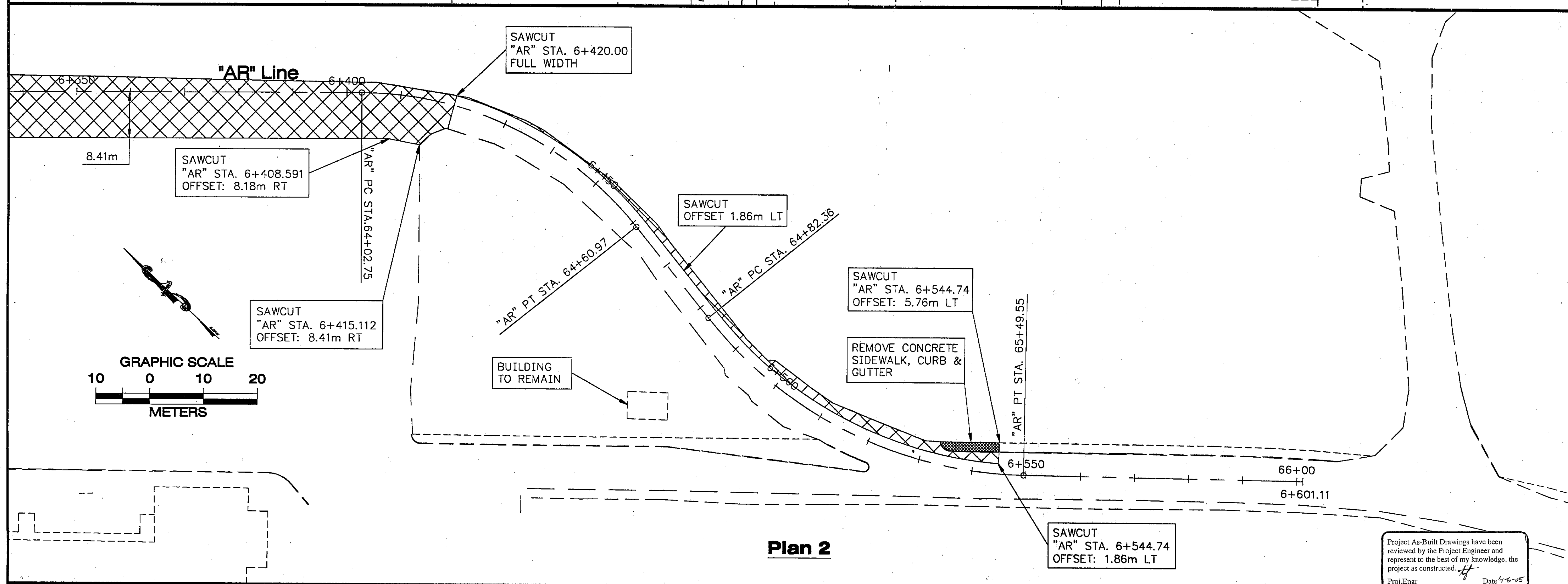
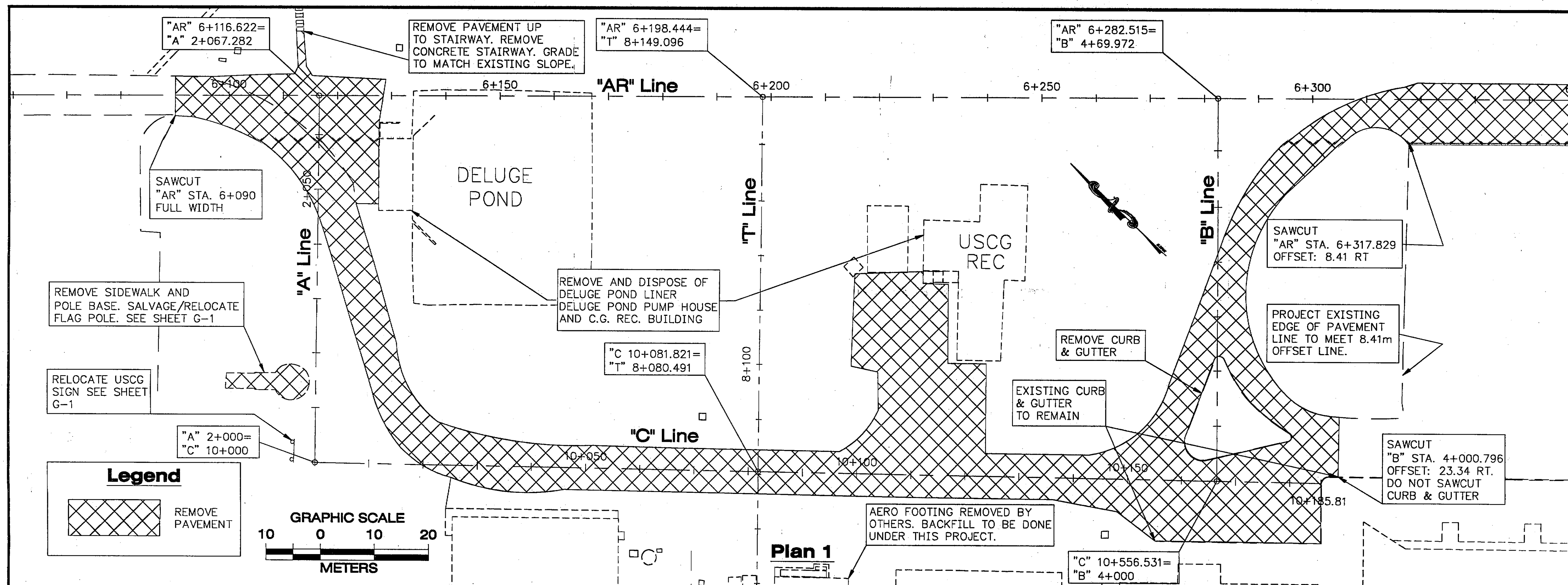
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
Drainage & Sewer Summaries

PROJECT DESIGNATION NUMBER

AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
D1	527



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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS
 DRAWN BY: R. SNYDER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

SITKA ROCKY GUTIERREZ AIRPORT-APRON & TAXIWAY
 STAGE IV
 PROJECT NO. 68039
Pavement & Structure Removal

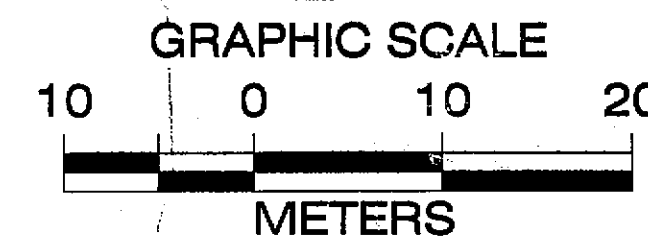
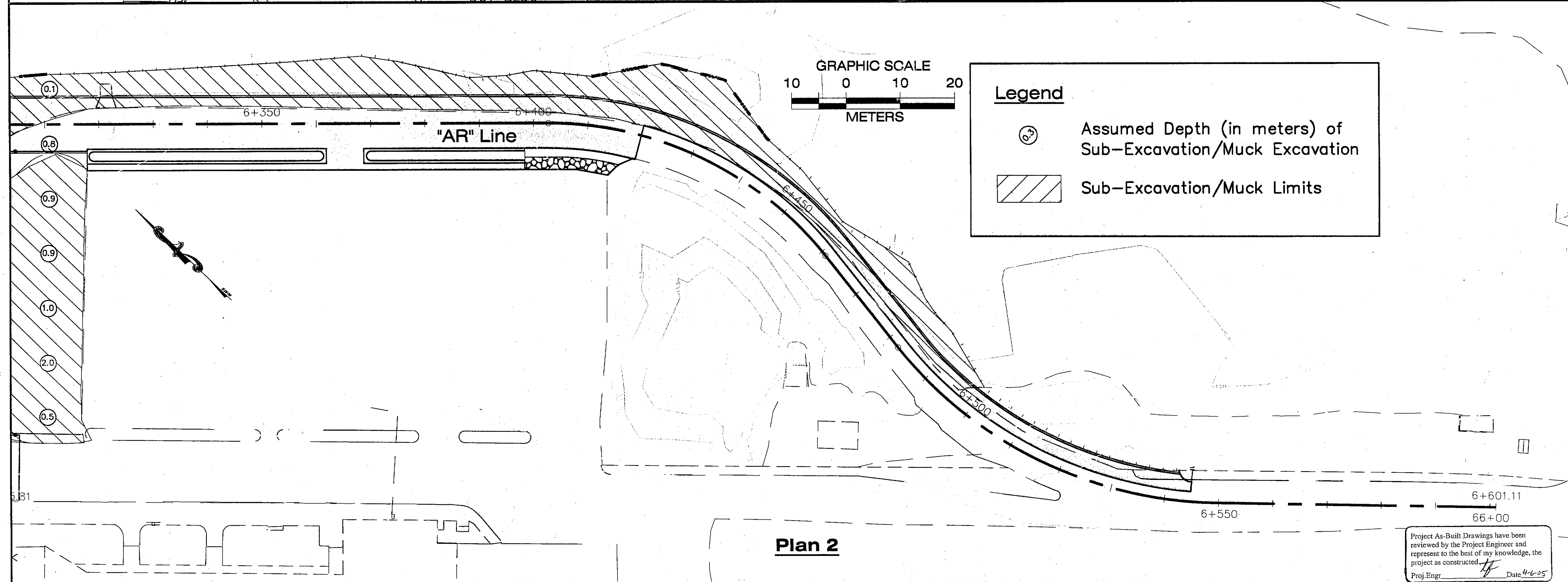
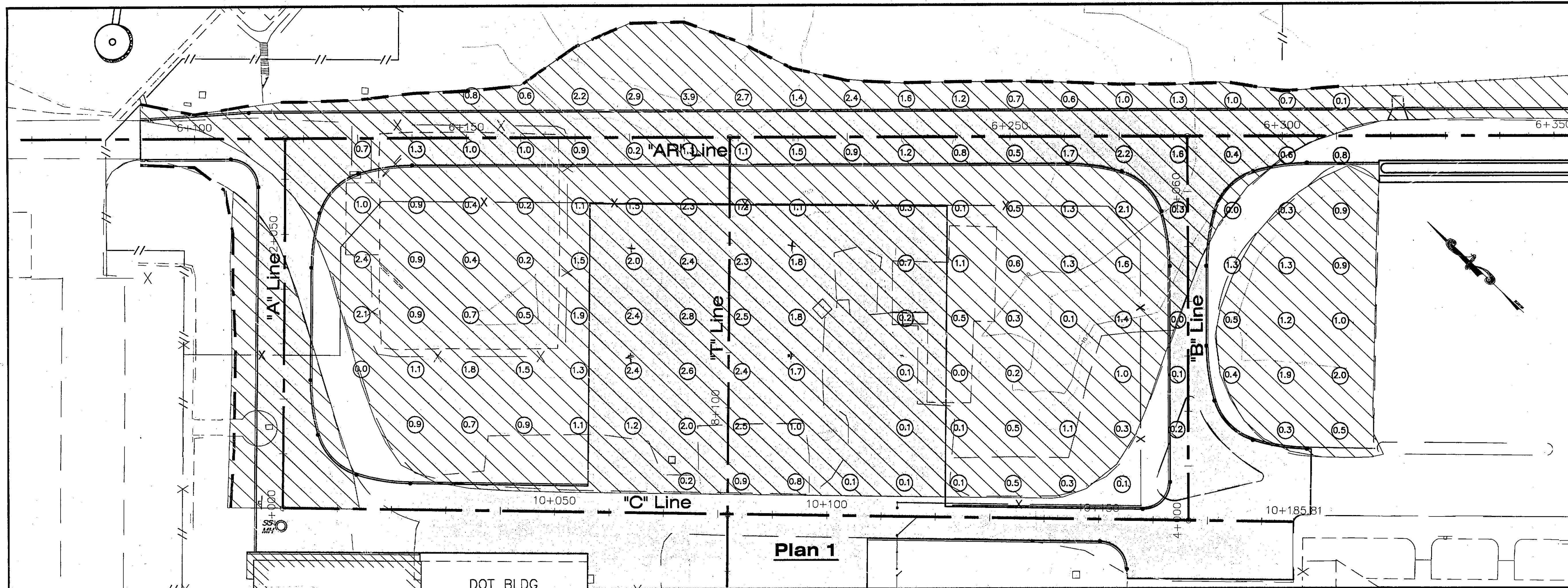
PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
E1	527

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Engr. *[Signature]* Date 4/6/05



Legend

○ Assumed Depth (in meters) of Sub-Excavation/Muck Excavation

▨ Sub-Excavation/Muck Limits

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 TAB: PLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS
 DRAWN BY: R. SNYDER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

SITKA ROCKY GUTIERREZ AIRPORT-APRON & TAXIWAY STAGE IV
 PROJECT NO. 68039

Subexcavation Plan

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
E2	527

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Engr. *[Signature]* Date 4-6-05

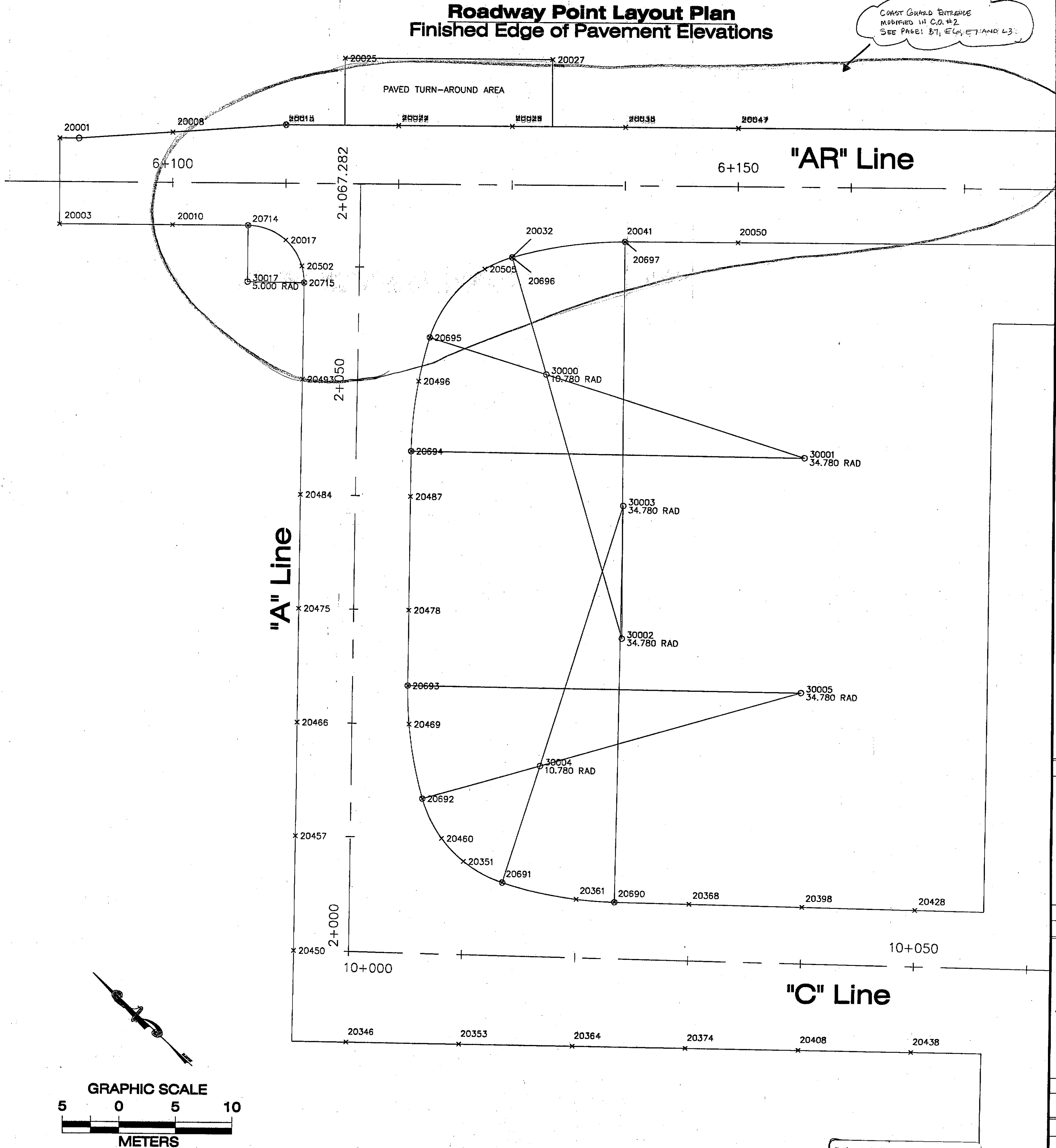
Roadway Point Tables

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET	
20008	9754.438	14430.929	10.540	Edge Pvmnt	6+100	4.213	L
20010	9749.012	14425.226	10.551	Edge Pvmnt	6+100	3.659	R
20015	9747.853	14438.308	11.153	Edge Pvmnt	6+110	4.880	L
20017	9740.886	14431.193	11.158	Edge Pvmnt	6+110	4.938	R
20022	9740.408	14445.198	11.613	Edge Pvmnt	6+120	4.880	L
20025	9748.090	14446.310	11.651	Edge Pvmnt	6+1158.200	10.980	L
20027	9734.804	14458.951	12.063	Edge Pvmnt	6+133.540	10.980	L
20029	9733.164	14452.092	11.903	Edge Pvmnt	6+130	4.880	L
20032	9725.427	14443.960	11.873	Edge Pvmnt	6+130	6.344	R
20038	9725.919	14458.985	12.024	Edge Pvmnt	6+140	4.880	L
20041	9719.191	14451.914	12.024	Edge Pvmnt	6+140	4.880	R
20047	9718.674	14465.878	11.977	Edge Pvmnt	6+150	4.880	L
20050	9711.947	14458.807	11.977	Edge Pvmnt	6+150	4.880	R
20502	9738.249	14430.531	11.244	Edge Pvmnt	6+111.454	7.235	R
20505	9726.421	14441.580	11.825	Edge Pvmnt	6+127.639	7.383	R
20696	9725.401	14444.005	11.874	Edge Pvmnt	6+130.050	6.329	R
20697	9719.202	14451.903	12.029	Edge Pvmnt	6+139.985	4.880	R
20714	9744.185	14429.817	10.965	Edge Pvmnt	6+106.662	3.660	R
20715	9737.085	14429.608	11.269	Edge Pvmnt	6+111.662	8.706	R
30000	9716.049	14438.644	0.000	10.780 RAD	6+133.130	16.660	R
30001	9694.561	14449.334	0.000	34.780 RAD	6+156.066	23.726	R
30002	9695.228	14426.706	0.000	34.780 RAD	6+139.985	39.660	R
30017	9740.738	14426.195	0.000	5.000 RAD	6+106.662	8.660	R

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET	
20017	9740.886	14431.193	11.158	Edge Pvmnt	2+062.283	6.576	L
20484	9724.435	14416.067	11.064	Edge Pvmnt	2+040	4.880	L
20487	9717.303	14422.729	11.063	Edge Pvmnt	2+040	4.880	R
20493	9731.261	14423.374	11.214	Edge Pvmnt	2+050	4.880	L
20496	9723.737	14430.403	11.343	Edge Pvmnt	2+050	5.416	R
20502	9738.249	14430.531	11.244	Edge Pvmnt	2+060	5.101	L
20505	9726.421	14441.580	11.825	Edge Pvmnt	2+060	11.085	R
20694	9719.977	14425.592	11.158	Edge Pvmnt	2+043.918	4.880	R
20695	9725.700	14433.842	11.510	Edge Pvmnt	2+053.853	6.329	R
20715	9737.085	14429.608	11.269	Edge Pvmnt	2+058.531	4.880	L
30000	9716.049	14438.644	0.000	10.780 RAD	2+050.774	16.660	R
30001	9694.561	14449.334	0.000	34.780 RAD	2+043.918	39.660	R
30002	9695.228	14426.706	0.000	34.780 RAD	2+027.838	23.726	R
30017	9740.738	14426.195	0.000	5.000 RAD	2+058.531	9.880	L

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET	
20351	9691.691	14402.895	10.796	EP	2+008.023	10.057	R
20450	9697.129	14386.836	10.464	EP	2+000	4.880	L
20457	9703.956	14394.144	10.614	EP	2+010	4.880	L
20460	9694.476	14403.000	10.767	EP	2+010	8.093	R
20466	9710.782	14401.451	10.764	EP	2+020	4.880	L
20469	9703.528	14408.228	10.778	EP	2+020	5.047	R
20475	9717.608	14408.759	10.914	EP	2+030	4.880	L
20478	9710.476	14415.422	10.913	EP	2+030	4.880	R
20484	9724.435	14416.067	11.064	EP	2+040	4.880	L
20487	9717.303	14422.729	11.063	EP	2+040	4.880	R
20692	9698.130	14404.327	10.746	EP	2+013.465	6.329	R
20693	9705.970	14410.598	10.817	EP	2+023.399	4.880	R
30003	9703.222	14435.191	0.000	34.780 RAD	2+039.495	23.677	R
30004	9692.682	14413.630	0.000	10.780 RAD	2+016.544	16.660	R
30005	9680.555	14434.340	0.000	34.780 RAD	2+023.399	39.660	R

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET	
20346	9688.088	14384.224	10.410	EP	10+000	8.081	R
20351	9691.691	14402.895	10.796	EP	10+010	8.093	L
20353	9680.788	14391.058	10.410	EP	10+010	8.000	R
20361	9682.272	14407.430	10.858	EP	10+020	5.047	L
20364	9673.488	14397.894	10.410	EP	10+020	7.918	R
20368	9674.804	14414.082	10.819	EP	10+030	4.880	L
20374	9666.189	14404.729	10.410	EP	10+030	7.836	R
20398	9667.448	14420.857	10.760	EP	10+040	4.880	L
20408	9658.889	14411.564	10.404	EP	10+040	7.754	R
20428	9660.093	14427.632	10.712	EP	10+050	4.880	L
20438	9651.589	14418.399	10.400	EP	10+050	7.673	R
20460	9694.476	14403.000	10.767	EP	10+008.023	10.057	L
20690	9679.658	14409.610	10.846	EP	10+023.400	4.880	L
20691	9687.948	14403.945	10.473	EP	10+013.464	6.329	L
20692	9698.130	14404.327	10.746	EP	10+006.235	13.509	L
30003	9703.222	14435.191	0	34.780 RAD	10+023.399	39.660	L
30004	9692.682	14413.630	0	10.780 RAD	10+016.544	16.660	L
30005	9680.555	14434.340	0	34.780 RAD	10+039.495	23.677	L



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Thu, 19/Jul/01 10:22AM Michael Limbaug

PLOT:
PSPACE 1=1(F) OR MSPACE 1=1(F)
TAB: PLAN1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

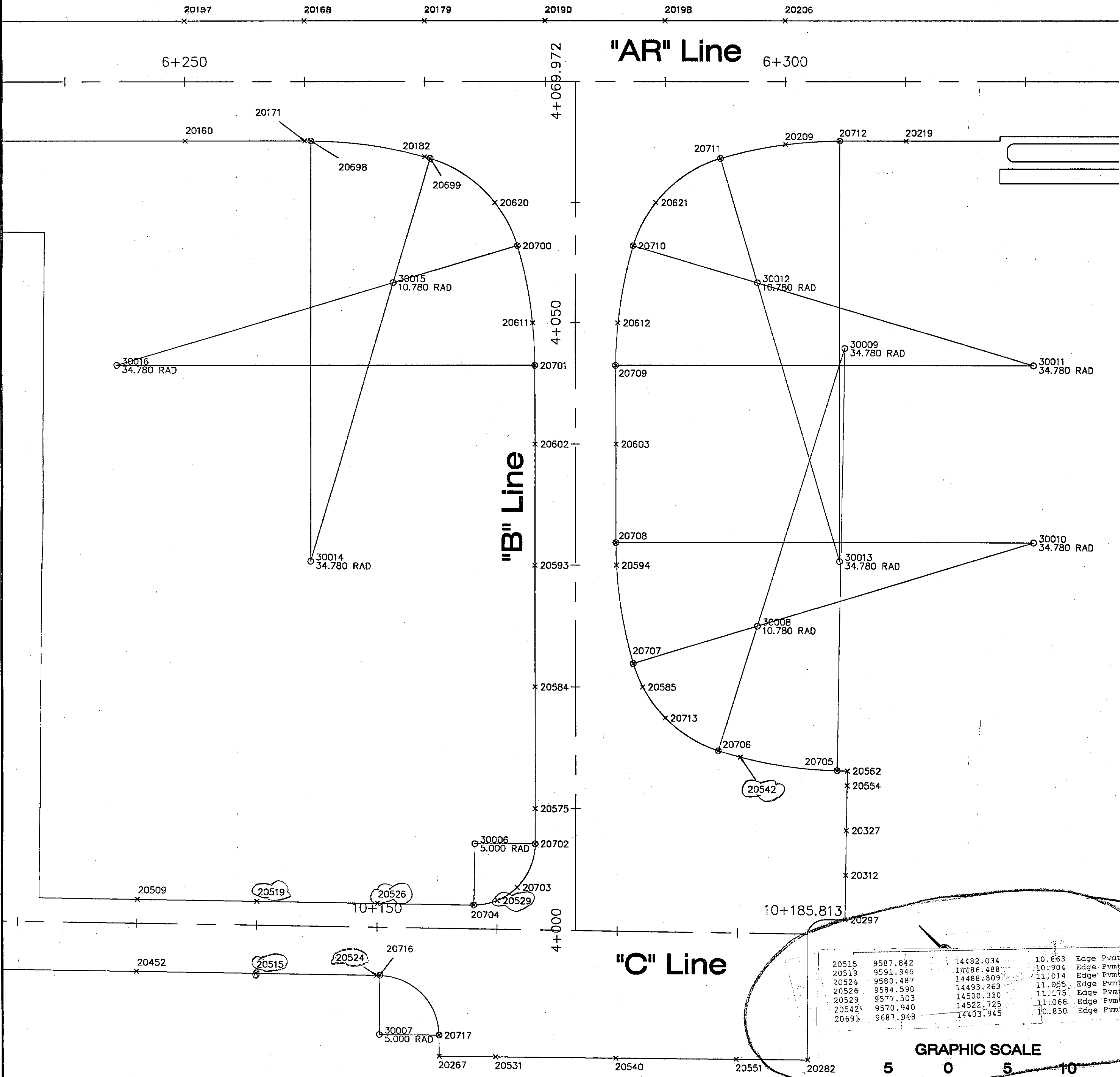
SITKA ROCKY GUTIERREZ AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
Roadway Point
Layout Plan

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
E3	527

Roadway Point Layout Plan
Finished Edge of Pavement Elevations



Roadway Point Tables

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET	
20157	9646.227	14534.808	10.563	Edge Pvmnt	6+250	4.880	L
20160	9639.500	14527.737	10.562	Edge Pvmnt	6+250	4.880	R
20168	9638.983	14541.701	10.421	Edge Pvmnt	6+260	4.880	L
20171	9632.255	14534.631	10.421	Edge Pvmnt	6+260	4.880	R
20179	9631.738	14548.594	10.288	Edge Pvmnt	6+270	4.880	L
20182	9624.100	14540.567	10.261	Edge Pvmnt	6+270	6.200	R
20190	9624.493	14555.488	10.196	Edge Pvmnt	6+280	4.880	L
20198	9617.249	14562.381	10.149	Edge Pvmnt	6+290	4.880	L
20206	9610.004	14569.274	10.147	Edge Pvmnt	6+300	4.880	L
20209	9603.073	14561.989	10.229	Edge Pvmnt	6+300	5.175	R
20216	9602.759	14576.167	10.191	Edge Pvmnt	6+310	4.880	L
20219	9596.032	14569.096	10.342	Edge Pvmnt	6+310	4.880	R
20620	9617.284	14541.846	10.091	Edge Pvmnt	6+275.820	9.972	R
20621	9607.583	14551.076	9.991	Edge Pvmnt	6+289.210	9.972	R
20698	9631.886	14534.981	10.414	Edge Pvmnt	6+260.509	4.880	R
20699	9623.689	14540.780	10.248	Edge Pvmnt	6+270.445	6.329	R
20700	9613.438	14540.525	10.127	Edge Pvmnt	6+277.696	13.581	R
20710	9606.455	14547.169	10.081	Edge Pvmnt	6+287.334	13.580	R
20711	9606.200	14557.420	10.139	Edge Pvmnt	6+294.585	6.329	R
20712	9600.001	14565.319	10.280	Edge Pvmnt	6+304.521	4.880	R
30011	9575.460	14562.946	0.000	34.780 RAD	6+320.665	23.516	R
30012	9596.848	14552.059	0.000	10.780 RAD	6+297.665	16.660	R
30013	9576.027	14540.122	0.000	34.780 RAD	6+304.520	39.660	R
30014	9607.912	14509.784	0.000	34.780 RAD	6+260.509	39.660	R
30015	9618.799	14531.173	0.000	10.780 RAD	6+267.365	16.660	R
30016	9630.737	14510.352	0.000	34.780 RAD	6+244.365	23.516	R

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET	
20182	9624.100	14540.567	10.261	Edge Pvmnt	4+063.772	12.515	L
20209	9603.073	14561.989	10.229	Edge Pvmnt	4+064.797	17.485	R
20602	9601.089	14529.648	10.404	Edge Pvmnt	4+040	3.370	L
20603	9596.206	14534.295	10.404	Edge Pvmnt	4+040	3.370	R
20611	9608.113	14536.768	10.200	Edge Pvmnt	4+050	3.551	L
20612	9602.968	14541.664	10.200	Edge Pvmnt	4+050	3.551	R
20620	9617.284	14541.846	10.091	Edge Pvmnt	4+060	6.695	L
20621	9607.583	14551.076	9.991	Edge Pvmnt	4+060	6.695	R
20699	9623.689	14540.780	10.248	Edge Pvmnt	4+063.643	12.070	L
20700	9613.438	14540.525	10.127	Edge Pvmnt	4+056.392	4.819	L
20701	9605.540	14534.326	10.286	Edge Pvmnt	4+046.457	3.370	L
20709	9600.656	14538.972	10.274	Edge Pvmnt	4+046.456	3.370	R
20710	9606.455	14547.169	10.081	Edge Pvmnt	4+056.392	4.819	R
20711	9606.200	14557.420	10.139	Edge Pvmnt	4+063.643	12.071	R
30011	9575.460	14562.946	0.000	34.780 RAD	4+046.457	38.150	R
30012	9596.848	14552.059	0.000	10.780 RAD	4+053.312	15.150	R
30013	9576.027	14540.122	0.000	34.780 RAD	4+030.312	22.006	R
30014	9607.912	14509.784	0.000	34.780 RAD	4+030.312	22.006	L
30015	9618.799	14531.173	0.000	10.780 RAD	4+053.312	15.150	L
30016	9630.737	14510.352	0.000	34.780 RAD	4+046.457	38.150	L

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET	
20529	9577.503	14500.330	11.175	Edge Pvmnt	4+002.502	6.492	L
20542	9570.940	14522.725	11.066	Edge Pvmnt	4+014.202	13.700	R
20575	9580.410	14507.914	11.004	Edge Pvmnt	4+010	3.370	L
20584	9587.303	14515.159	10.804	Edge Pvmnt	4+020	3.370	L
20585	9580.804	14521.342	10.759	Edge Pvmnt	4+020	5.600	R
20593	9594.196	14522.404	10.604	Edge Pvmnt	4+030	3.370	L
20594	9589.277	14527.084	10.603	Edge Pvmnt	4+030	3.420	R
20602	9601.089	14529.648	10.404	Edge Pvmnt	4+040	3.370	L
20603	9596.206	14534.295	10.404	Edge Pvmnt	4+040	3.370	R
20702	9578.436	14505.840	11.066	Edge Pvmnt	4+007.136	3.370	L
20703	9577.061	14502.229	11.147	Edge Pvmnt	4+003.572	4.863	L
20704	9578.671	14498.715	11.164	Edge Pvmnt	4+002.137	8.451	L
20705	9564.319	14527.494	11.258	Edge Pvmnt	4+013.093	21.784	R
20706	9572.622	14521.850	11.026	Edge Pvmnt	4+014.728	11.878	R
20707	9582.694	14522.195	10.736	Edge Pvmnt	4+021.921	4.819	R
20708	9590.592	14528.394	10.566	Edge Pvmnt	4+031.855	3.370	R
20713	9577.701	14520.773	10.872	Edge Pvmnt	4+017.449	7.456	R
30006	9582.058	14502.393	0.000	5.000 RAD	4+007.136	8.370	L
30008	9577.332	14531.547	0.000	10.780 RAD	4+025	15.150	R
30009	9587.816	14553.136	0.000	34.780 RAD	4+047.867	22.436	R
30010	9565.395	14552.368	0.000	34.780 RAD	4+031.855	38.150	R

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET	
20515	9586.487	14488.809	10.863	Edge Pvmnt	10+140	4.056	R
20519	9584.590	14493.263	10.904	Edge Pvmnt	10+140	2.000	L
20524	9577.503	14500.330	11.014	Edge Pvmnt	10+150	4.056	R
20526	9570.940	14522.725	11.055	Edge Pvmnt	10+150	2.000	L
20529	9562.878	14527.179	11.175	Edge Pvmnt	10+160	2.397	L
20542	9563.694	14528.066	11.066	Edge Pvmnt	10+180	14.422	L
20585	9580.804	14521.342	10.759	Edge Pvmnt	10+171.808	20.088	L
20702	9578.436	14505.840	11.066	Edge Pvmnt	10+163.047	7.081	L
20703	9577.061	14502.229	11.147	Edge Pvmnt	10+161.612	3.493	L
20704	9578.671	14498.715	11.164	Edge Pvmnt	10+158.047	2.000	L
20706	9572.622	14521.850	11.026	Edge Pvmnt	10+178.170	14.919	L
20707	9582.694	14522.195	10.736	Edge Pvmnt	10+170.996	21.996	L
20713	9577.701	14520.773	10.872	Edge Pvmnt	10+173.705	17.567	L
20716	9580.283	14488.997	11.017	Edge Pvmnt	10+150.278	4.056	R
20717	9573.241	14488.733	10.980	Edge Pvmnt	10+155.277	9.021	R
30006	9582.058	14502.393	0.000	5.000 RAD	10+158.047	7.000	L
30007	9576.895	14485.320	0.000	5.000 RAD	10+150.278	9.056	R
30008	9577.332	14531.547	0.000	10.780 RAD	10+181.275	25.241	L

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TAB: PLAN2

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. Victor Winters Date 9-6-05

DESIGNED BY: R. KRAEMER

STATE OF ALASKA
49th
Victor Winters
CE-8992
REGISTERED PROFESSIONAL ENGINEER

CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

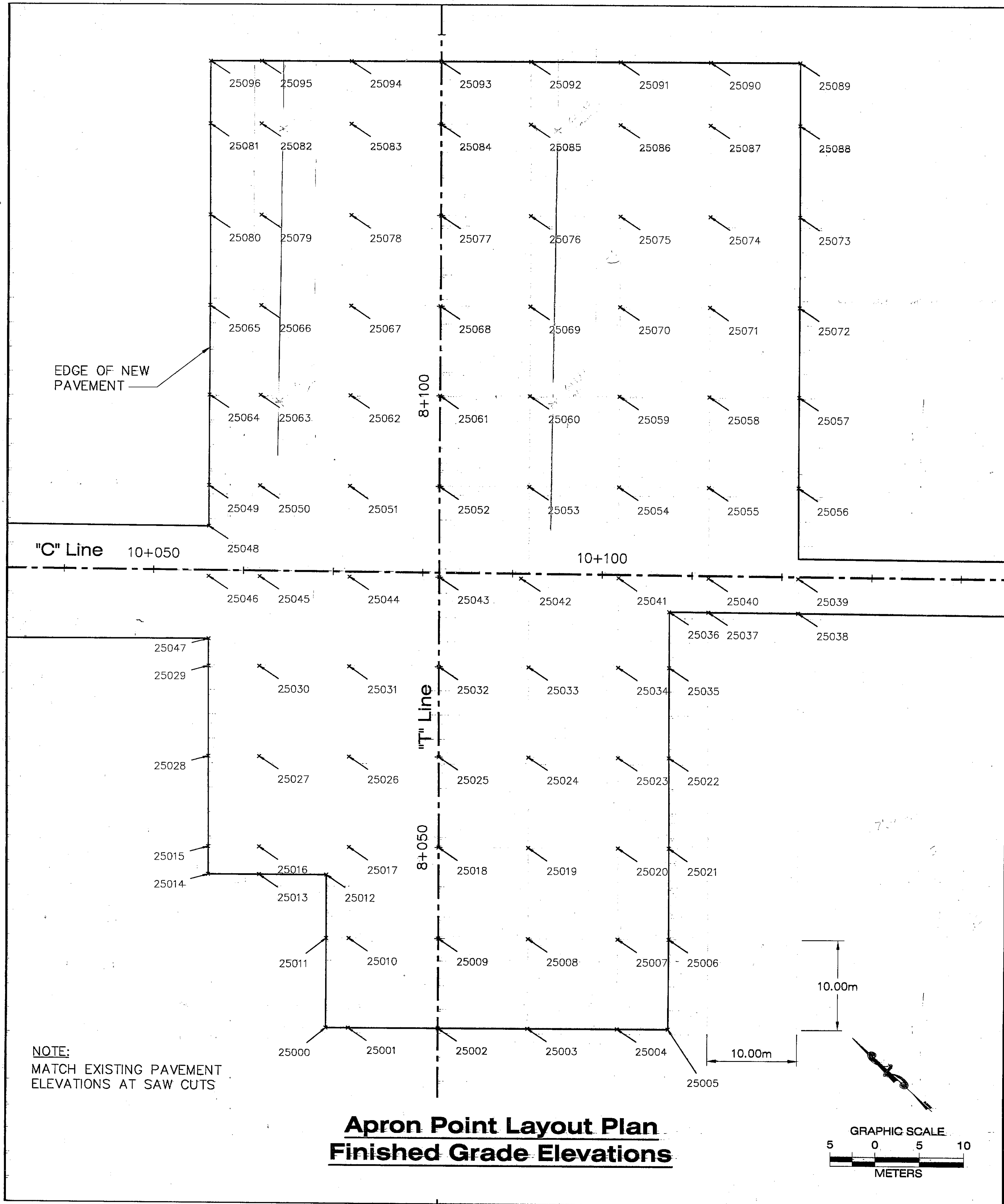
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

SITKA ROCKY GUTIERREZ AIRPORT - APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
Roadway Point Layout Plan

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
E4	521

Roadway Point Layout Plan



Apron Point Table

POINT #	NORTH	EAST	ELEV	DESC	STATION	OFFSET
25000	9608.050	14400.171	10.064	FG	8+030	12.500 L
25001	9606.223	14401.878	10.086	FG	8+030	10.000 L
25002	9598.915	14408.704	10.175	FG	8+030	0.000 R
25003	9591.608	14415.531	10.251	FG	8+030	10.000 R
25004	9584.300	14422.357	10.328	FG	8+030	20.000 R
25005	9580.156	14426.228	10.371	FG	8+030	25.671 R
25006	9586.983	14433.535	10.355	FG	8+040	25.671 R
25007	9591.126	14429.664	10.344	FG	8+040	20.000 R
25008	9598.434	14422.838	10.325	FG	8+040	10.000 R
25009	9605.742	14416.012	10.306	FG	8+040	0.000 R
25010	9613.049	14409.185	10.166	FG	8+040	10.000 L
25011	9614.876	14407.479	10.131	FG	8+040	12.500 L
25012	9619.621	14412.559	10.204	FG	8+046.952	12.500 L
25013	9625.102	14407.439	10.292	FG	8+046.952	20.000 L
25014	9629.258	14403.557	10.360	FG	8+046.952	25.687 L
25015	9631.339	14405.784	10.371	FG	8+050	25.687 L
25016	9627.183	14409.667	10.301	FG	8+050	20.000 L
25017	9619.875	14416.493	10.273	FG	8+050	10.000 L
25018	9612.568	14423.319	10.409	FG	8+050	0.000 R
25019	9605.260	14430.146	10.504	FG	8+050	10.000 R
25020	9597.953	14436.972	10.599	FG	8+050	20.000 R
25021	9593.809	14440.843	10.653	FG	8+050	25.671 R
25022	9600.635	14448.151	10.548	FG	8+060	25.671 R
25023	9604.779	14444.280	10.539	FG	8+060	20.000 R
25024	9612.087	14437.453	10.524	FG	8+060	10.000 R
25025	9619.394	14430.627	10.509	FG	8+060	0.000 R
25026	9626.702	14423.801	10.463	FG	8+060	10.000 L
25027	9634.009	14416.974	10.417	FG	8+060	20.000 L
25028	9638.166	14413.092	10.391	FG	8+060	25.687 L
25029	9644.992	14420.399	10.410	FG	8+070	25.687 L
25030	9640.836	14424.282	10.454	FG	8+070	20.000 L
25031	9633.528	14431.108	10.532	FG	8+070	10.000 L
25032	9626.221	14437.935	10.609	FG	8+070	0.000 R
25033	9618.913	14444.761	10.625	FG	8+070	10.000 R
25034	9611.605	14451.587	10.641	FG	8+070	20.000 R
25035	9607.462	14455.458	10.650	FG	8+070	25.671 R
25036	9611.732	14460.029	10.650	FG	8+076.255	25.671 R
25037	9608.547	14462.962	10.670	FG	8+076.225	30.000 R
25038	9601.192	14469.738	10.715	FG	8+076.155	40.000 R
25039	9603.817	14472.548	10.810	FG	8+080	40.000 R
25040	9611.124	14465.721	10.766	FG	8+080	30.000 R
25041	9618.432	14458.895	10.703	FG	8+080	20.000 R
25042	9626.304	14451.397	10.701	FG	8+079.895	9.129 R
25043	9633.047	14445.242	10.709	FG	8+080	0.000 R
25044	9640.355	14438.416	10.686	FG	8+080	10.000 L
25045	9647.662	14431.589	10.663	FG	8+080	20.000 L
25046	9651.827	14427.698	10.650	FG	8+080	25.700 L
25047	9647.073	14422.627	10.401	FG	8+073.049	25.687 L
25048	9655.617	14431.755	10.760	FG	8+085.551	25.700 L
25049	9658.654	14435.006	10.848	FG	8+090	25.700 L
25050	9654.488	14438.897	10.839	FG	8+090	20.000 L
25051	9647.181	14445.723	10.824	FG	8+090	10.000 L
25052	9639.873	14452.550	10.809	FG	8+090	0.000 R
25053	9632.566	14459.376	10.830	FG	8+090	10.000 R
25054	9625.258	14466.202	10.853	FG	8+090	20.000 R
25055	9617.951	14473.029	10.878	FG	8+090	30.000 R
25056	9610.643	14479.855	10.909	FG	8+090	40.000 R
25057	9617.469	14487.163	11.009	FG	8+100	40.000 R
25058	9624.777	14480.336	10.984	FG	8+100	30.000 R
25059	9632.085	14473.510	10.959	FG	8+100	20.000 R
25060	9639.392	14466.684	10.934	FG	8+100	10.000 R
25061	9646.700	14459.857	10.909	FG	8+100	0.000 R
25062	9654.007	14453.031	10.949	FG	8+100	10.000 L
25063	9661.315	14446.205	10.988	FG	8+100	20.000 L
25064	9665.480	14442.314	11.012	FG	8+100	25.700 L
25065	9672.307	14449.621	11.176	FG	8+110	25.700 L
25066	9668.141	14453.512	11.139	FG	8+110	20.000 L
25067	9660.834	14460.338	11.074	FG	8+110	10.000 L
25068	9653.526	14467.165	11.009	FG	8+110	0.000 R
25069	9646.218	14473.991	11.034	FG	8+110	10.000 R
25070	9638.911	14480.818	11.059	FG	8+110	20.000 R
25071	9631.603	14487.644	11.084	FG	8+110	30.000 R
25072	9624.296	14494.470	11.109	FG	8+110	40.000 R
25073	9631.122	14501.778	11.209	FG	8+120	40.000 R
25074	9638.430	14494.952	11.184	FG	8+120	30.000 R
25075	9645.737	14488.125	11.159	FG	8+120	20.000 R
25076	9653.045	14481.299	11.134	FG	8+120	10.000 R
25077	9660.352	14474.472	11.109	FG	8+120	0.000 R
25078	9667.660	14467.646	11.199	FG	8+120	10.000 L
25079	9674.968	14460.820	11.289	FG	8+120	20.000 L
25080	9679.133	14456.929	11.340	FG	8+120	25.700 L
25081	9685.959	14464.236	11.505	FG	8+130	25.700 L
25082	9681.794	14468.127	11.439	FG	8+130	20.000 L
25083	9674.486	14474.954	11.324	FG	8+130	10.000 L
25084	9667.179	14481.780	11.209	FG	8+130	0.000 R
25085	9659.871	14488.606	11.234	FG	8+130	10.000 R
25086	9652.564	14495.433	11.259	FG	8+130	20.000 R
25087	9645.256	14502.259	11.284	FG	8+130	30.000 R
25088	9637.948	14509.085	11.309	FG	8+130	40.000 R
25089	9642.727	14514.201	11.379	FG	8+137	40.000 R
25090	9650.034	14507.374	11.354	FG	8+137	30.000 R
25091	9657.342	14500.548	11.329	FG	8+137	20.000 R
25092	9664.650	14493.722	11.304	FG	8+137	10.000 R
25093	9671.957	14486.895	11.279	FG	8+137	0.000 R
25094	9679.265	14480.069	11.426	FG	8+137	10.000 L
25095	9686.572	14473.243	11.572	FG	8+137	20.000 L
25096	9690.738	14469.352	11.656	FG	8+137	25.700 L

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Wed, 18 Jul '01 10:08AM Michael Limbaug
PLOT:
PSPACE 1=1(F) OR MSPACE 1=1(F)
TAB: APRON

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Apron Point Layout Plan
Finished Grade Elevations

Project As-Built Drawings have been
reviewed by the Project Engineer and
represent to the best of my knowledge, the
project as constructed.
Proj. Engr. Date 4-6-05

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS

DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT - APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039

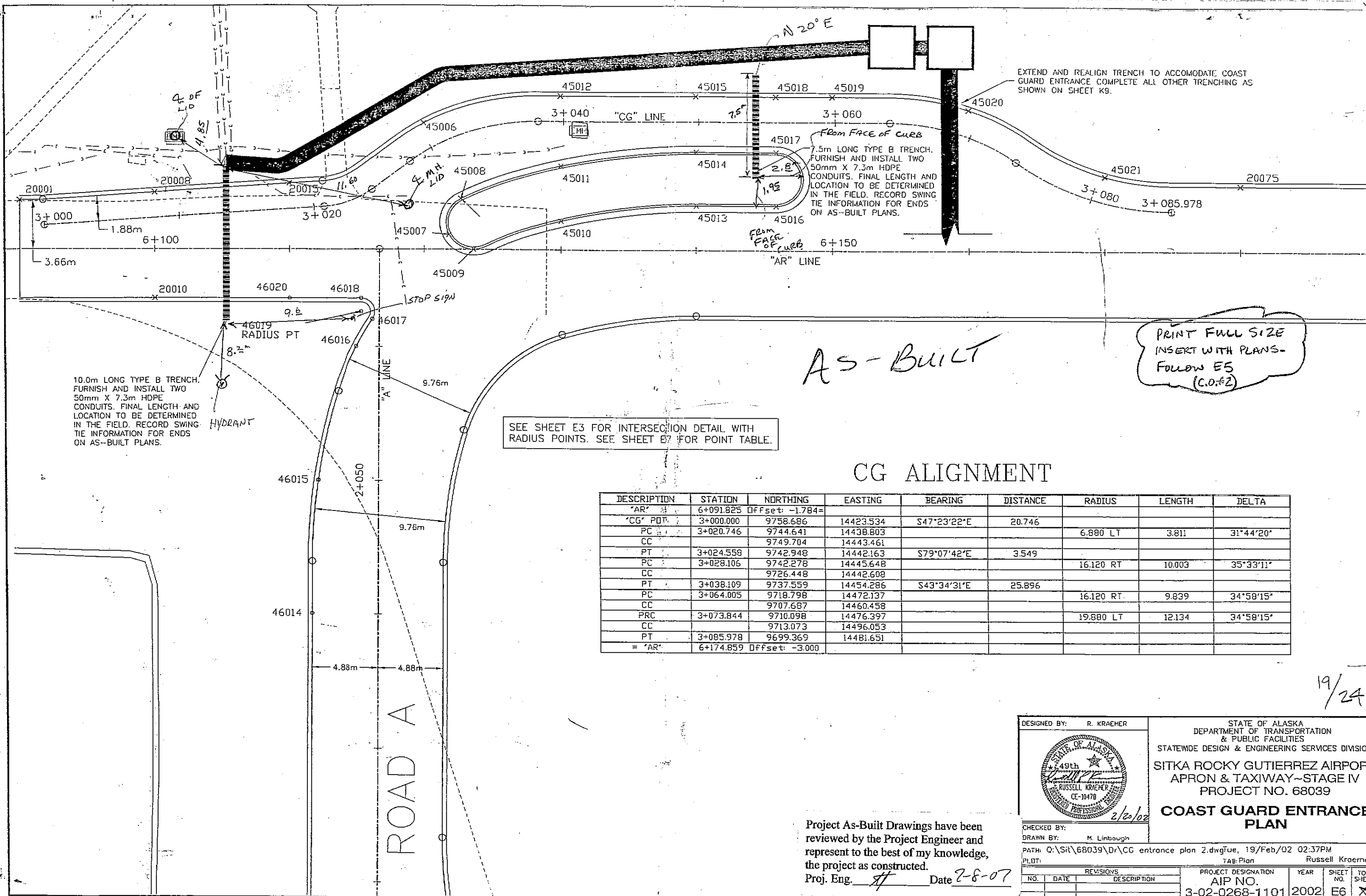
Apron Point Layout Plan
Finished Grade Elevations

PROJECT DESIGNATION NUMBER

AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
E5	527



SEE SHEET E3 FOR INTERSECTION DETAIL WITH RADIUS POINTS. SEE SHEET E7 FOR POINT TABLE.

CG ALIGNMENT

DESCRIPTION	STATION	NORTHING	EASTING	BEARING	DISTANCE	RADIUS	LENGTH	DELTA
"AR" PT	6+091.825	Offset: -1.784						
"CG" PTD	3+000.000	9758.686	14423.534	S47°23'22"E	20.746			
PC	3+020.746	9744.641	14438.803			6.880 LT	3.811	31°44'20"
CC		9749.704	14443.461					
PT	3+024.558	9742.948	14442.163	S79°07'42"E	3.549			
PC	3+028.106	9742.278	14445.648			16.120 RT	10.003	35°33'11"
CC		9726.448	14442.608					
PT	3+038.109	9737.559	14454.286	S43°34'31"E	25.896			
PC	3+064.005	9718.798	14472.137			16.120 RT	9.839	34°58'15"
CC		9707.687	14460.458					
PRC	3+073.844	9710.098	14476.397			19.880 LT	12.134	34°58'15"
CC		9713.073	14496.053					
PT	3+085.978	9699.369	14481.651					
= "AR"	6+174.859	Offset: -3.000						

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 2-8-07

DESIGNED BY: R. KRAEMER

CHECKED BY:
DRAWN BY: M. Limbaugh

PATH: Q:\SIT\68039\Dr\CG entrance plan 2.dwg Tue, 19/Feb/02 02:37PM

PLOT: TAB: Plan Russell Kraemer

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
SITKA ROCKY GUTIERREZ AIRPORT
APRON & TAXIWAY-STAGE IV
PROJECT NO. 68039
**COAST GUARD ENTRANCE
PLAN**

PROJECT DESIGNATION
AIP NO.
3-02-0268-1101

YEAR
2002

SHEET NO.
E6

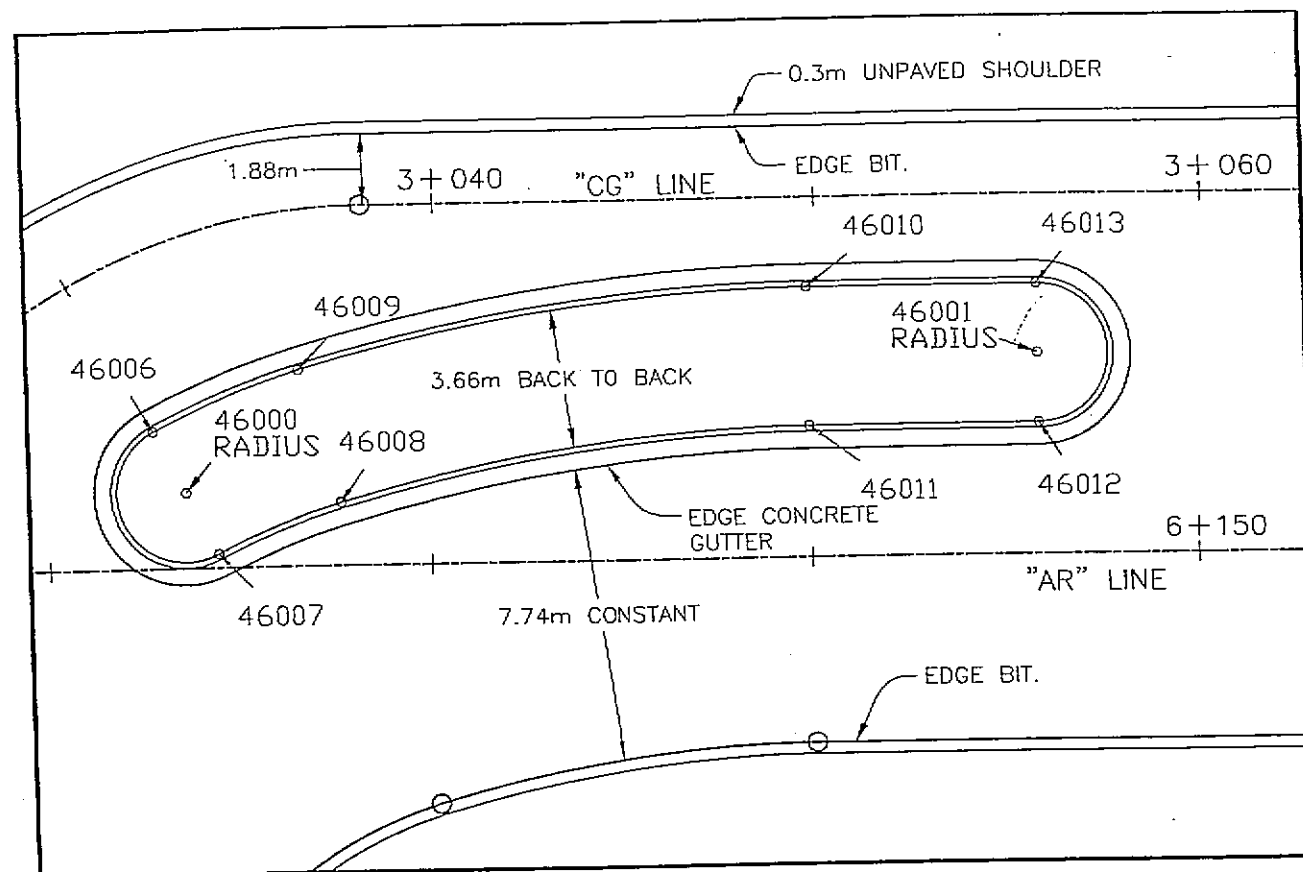
TOTAL SHEETS
XX

19/24

PRINT FULL SIZE
INSERT WITH PLANS -
FOLLOW E6
(C.O.#2)

POINT TABLE

POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
20001	9761.301	14423.635	9.850	6+090.000	-3.659	Edge Pavement
20008	9754.438	14430.929	10.540	6+100.000	-4.213	Edge Pavement
20010	9749.0116	14425.2259	10.551	6+100.000	3.659	Edge Pavement
20015	9747.653	14438.305	11.153	6+110.000	-4.880	Edge Pavement
20075	9696.940	14486.557	11.553	6+180.000	-4.880	Edge Pavement
45006	9743.481	14448.427	11.523	6+120.000	-9.337	Edge Pavement
45007	9736.471	14443.719	11.753	6+121.833	-1.094	Curb Flow Line
45008	9737.683	14446.243	11.729	6+122.695	-3.758	Curb Flow Line
45009	9734.439	14444.142	11.833	6+123.596	0.000	Curb Flow Line
45010	9731.271	14450.102	11.957	6+130.000	-2.134	Curb Flow Line
45011	9734.070	14453.044	11.876	6+130.000	-6.195	Curb Flow Line
45012	9737.644	14456.801	11.772	6+130.000	-11.380	Edge Pavement
45013	9724.837	14457.847	12.055	6+140.000	-3.310	Curb Flow Line
45014	9727.566	14460.716	11.976	6+140.000	-7.270	Curb Flow Line
45015	9730.400	14463.694	11.893	6+140.000	-11.380	Edge Pavement
45016	9720.554	14461.922	12.048	6+145.912	-3.310	Curb Flow Line
45017	9723.273	14464.802	11.969	6+145.927	-7.270	Curb Flow Line
45018	9726.106	14467.779	11.886	6+145.927	-11.380	Edge Pavement
45019	9723.155	14470.587	11.847	6+150.000	-11.380	Edge Pavement
45020	9715.254	14476.790	11.724	6+160.000	-10.428	Edge Pavement
45021	9704.645	14480.148	11.681	6+170.000	-5.548	Edge Pavement
46000	9735.815	14445.587	X	6+123.596	-1.995	RADIUS PT
46001	9721.918	14463.357	X	6+145.912	-5.290	RADIUS PT
46006	9737.541	14446.193	X	6+122.763	-3.625	BK CURB
46007	9734.088	14444.980	X	6+124.428	-0.365	BK CURB
46008	9732.636	14448.154	X	6+127.668	-1.663	BK CURB
46009	9735.811	14449.974	X	6+126.622	-5.171	BK CURB
46010	9727.474	14460.597	X	6+139.985	-7.120	BK CURB
46011	9724.951	14457.946	X	6+139.985	-3.460	BK CURB
46012	9720.657	14462.031	X	6+145.912	-3.460	BK CURB
46013	9723.180	14464.683	X	6+145.912	-7.120	BK CURB
46014	9724.4347	14416.0666	X	2+040.000	-4.880	Edge Pavement
46015	9730.9562	14423.659	X	2+050.000	-4.463	Edge Pavement
46016	9735.7573	14432.8585	X	2+060.000	-1.691	Edge Pavement
46017	9736.2939	14435.1759	X	2+062.060	-0.502	Edge Pavement
46018	9737.9689	14435.7316	X	2+063.609	-1.346	Edge Pavement
46019	9737.2796	14435.0071	X	2+062.609	-1.337	RADIUS PT
46020	9741.7664	14432.1184	X	6+110.000	3.660	Edge Pavement



ISLAND LAYOUT DETAIL

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. TT Date 2-8-07

DESIGNED BY: R. KRAEMER



CHECKED BY: M. Linbaugh
DRAWN BY: M. Linbaugh

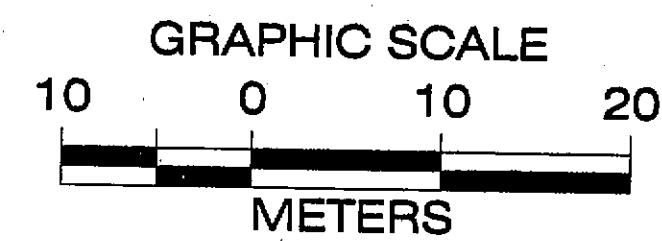
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NO	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION AIP NO.	YEAR	SHEET NO.	TOTAL SHEET
			3-02-0268-1101	2002	E7	XX

20/24

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
SITKA ROCKY GUTIERREZ AIRPORT
APRON & TAXIWAY-STAGE IV
PROJECT NO. 68039
**COAST GUARD ENTRANCE
DETAIL**

B.O.P
"AR" Sta. 6+090.00
N 9758.779
E 14420.984



CONSTRUCTION
EASEMENT (USCG)

"AR" 6+116.622=
"A" 2+067.282

"AR" 6+198.444=
"T" 8+149.096

"AR" 6+282.515=
"B" 4+69.972

EAST GARD ENTERANCE
MODIFIED IN C.O.#2
SEE PAGES 87, E, ET AND
L-3

PUMP
HOUSE

P-9

APRON

P-8

P-7

P-11

S-6

S-9

"AR" Line
Plan

Plan

HIGH POINT ELEV = 12.126
HIGH POINT STA = 6+142.218
PVI STA = 6+125.615
PVI ELEV = 12.420
VC = 50m

LOW POINT ELEV = 10.240
LOW POINT STA = 6+295.315
PVI STA = 6+289.040
PVI ELEV = 10.107
VC = 50m

PM STA = 6+071.450
PM ELEV = 8.622
VC = 25m

BVCS: 6+058.950
BVCE: 8.618

EVCS: 6+083.950
EVCE: 9.498

BVCS: 6+100.615
BVCE: 10.667

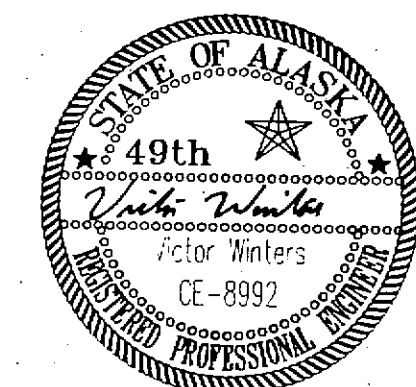
EVCS: 6+150.615
EVCE: 12.066

BVCS: 6+264.040
BVCE: 10.461

EVCS: 6+314.040
EVCE: 10.319

"AR" Line
Profile

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

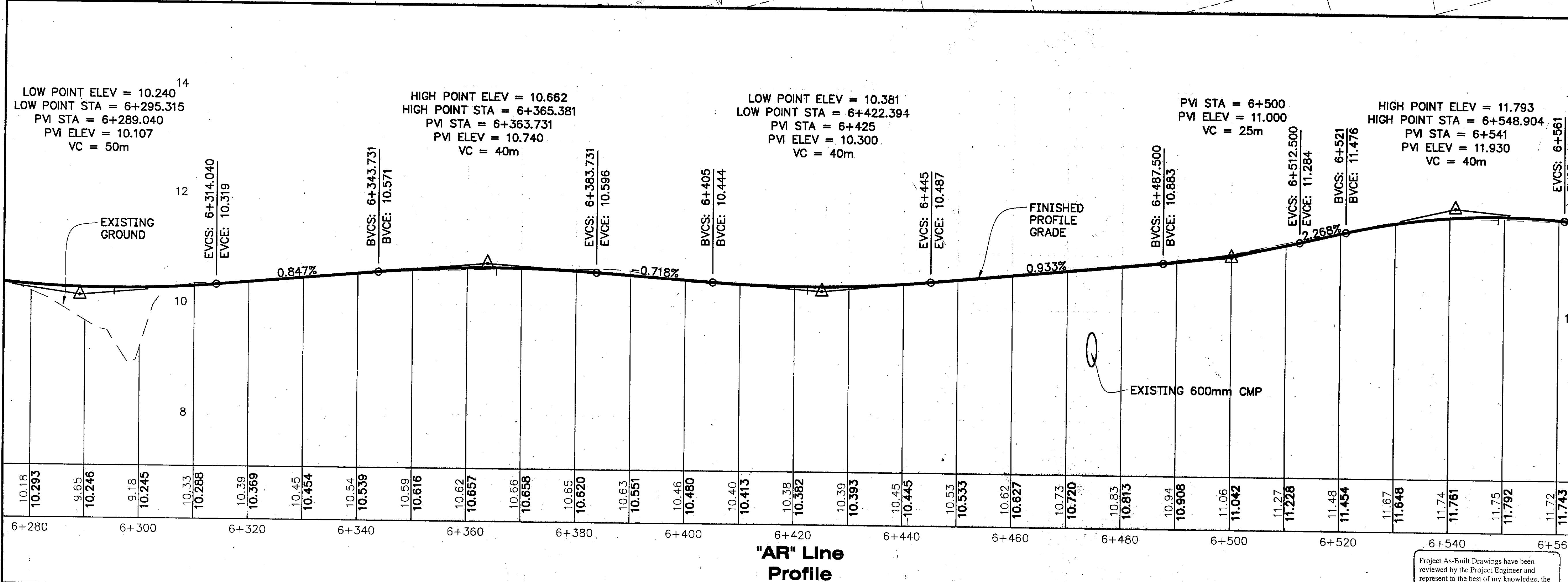
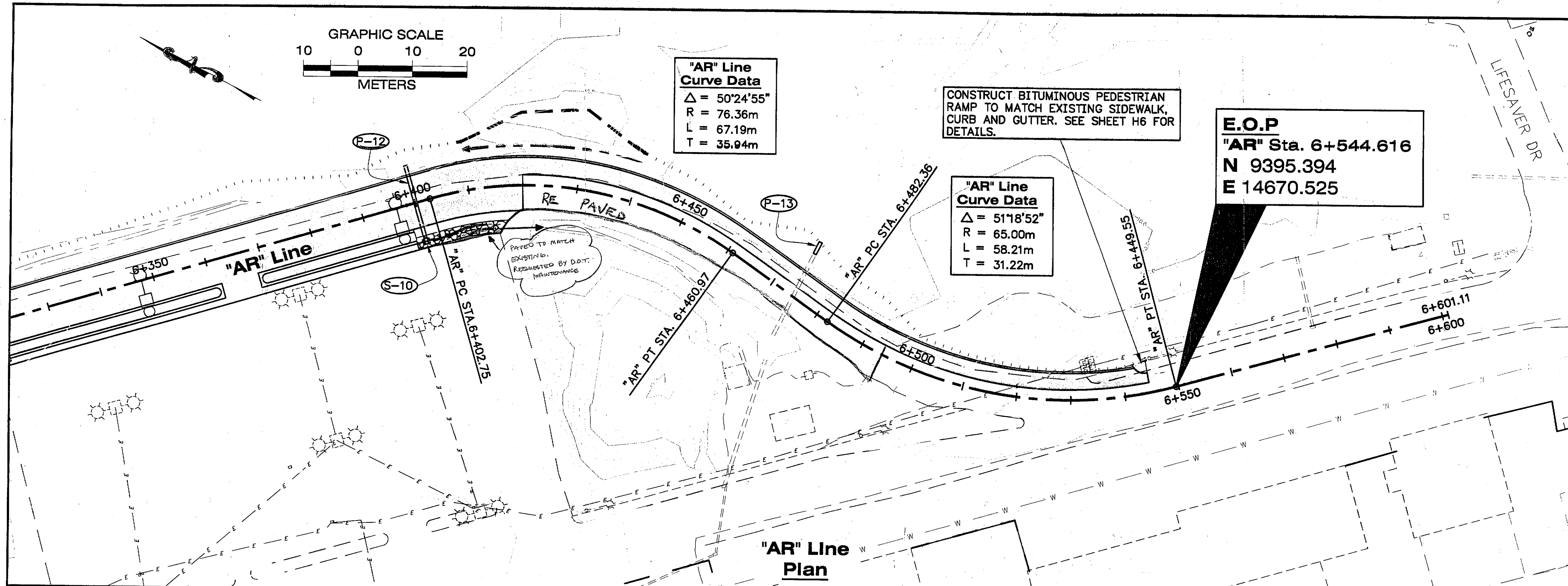
SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV

PROJECT NO. 68039
Plan & Profile
B.O.P. to "AR" Sta. 6+350

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
F1	527

Project As-Built Drawings have been
reviewed by the Project Engineer and
represent to the best of my knowledge, the
project as constructed.
Proj. Engr. Date 4-6-05



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 TAB: AR-PLAN2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS
 DRAWN BY: R. SNYDER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

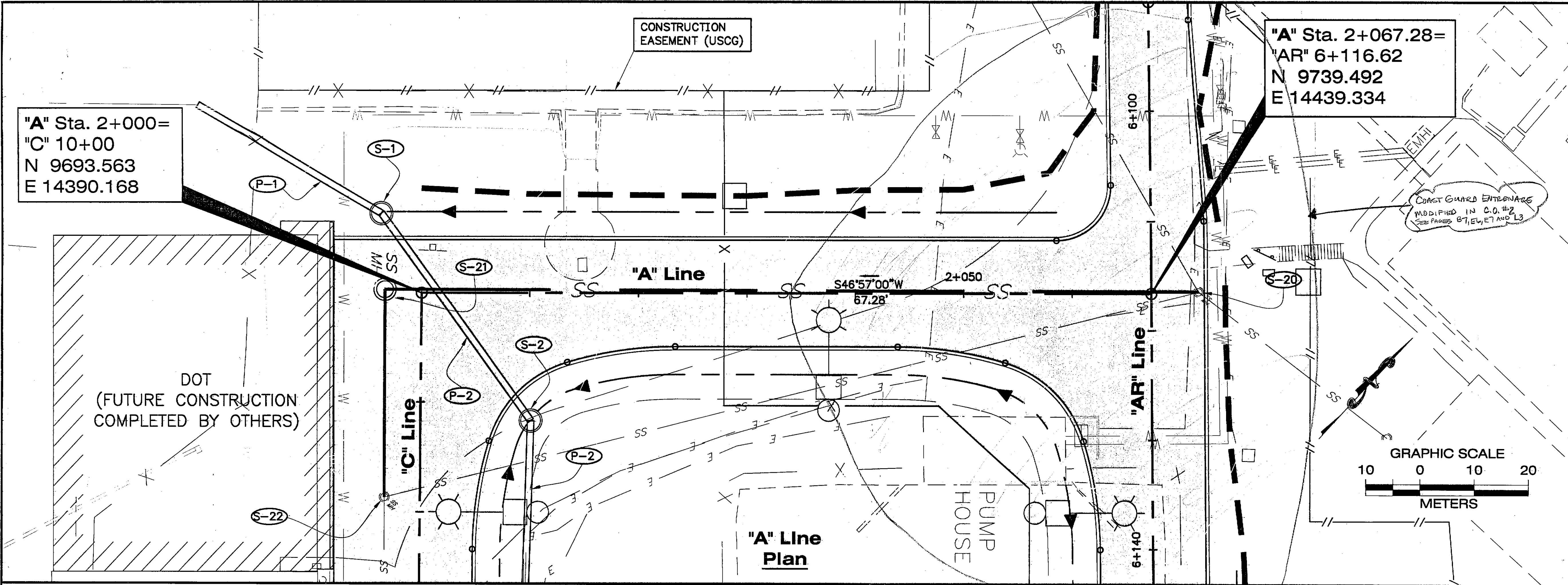
SITKA ROCKY GUTIERREZ AIRPORT-APRON & TAXIWAY STAGE IV
 PROJECT NO. 68039
Plan & Profile
 "AR" Sta. 6+350 to E.O.P.
 PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

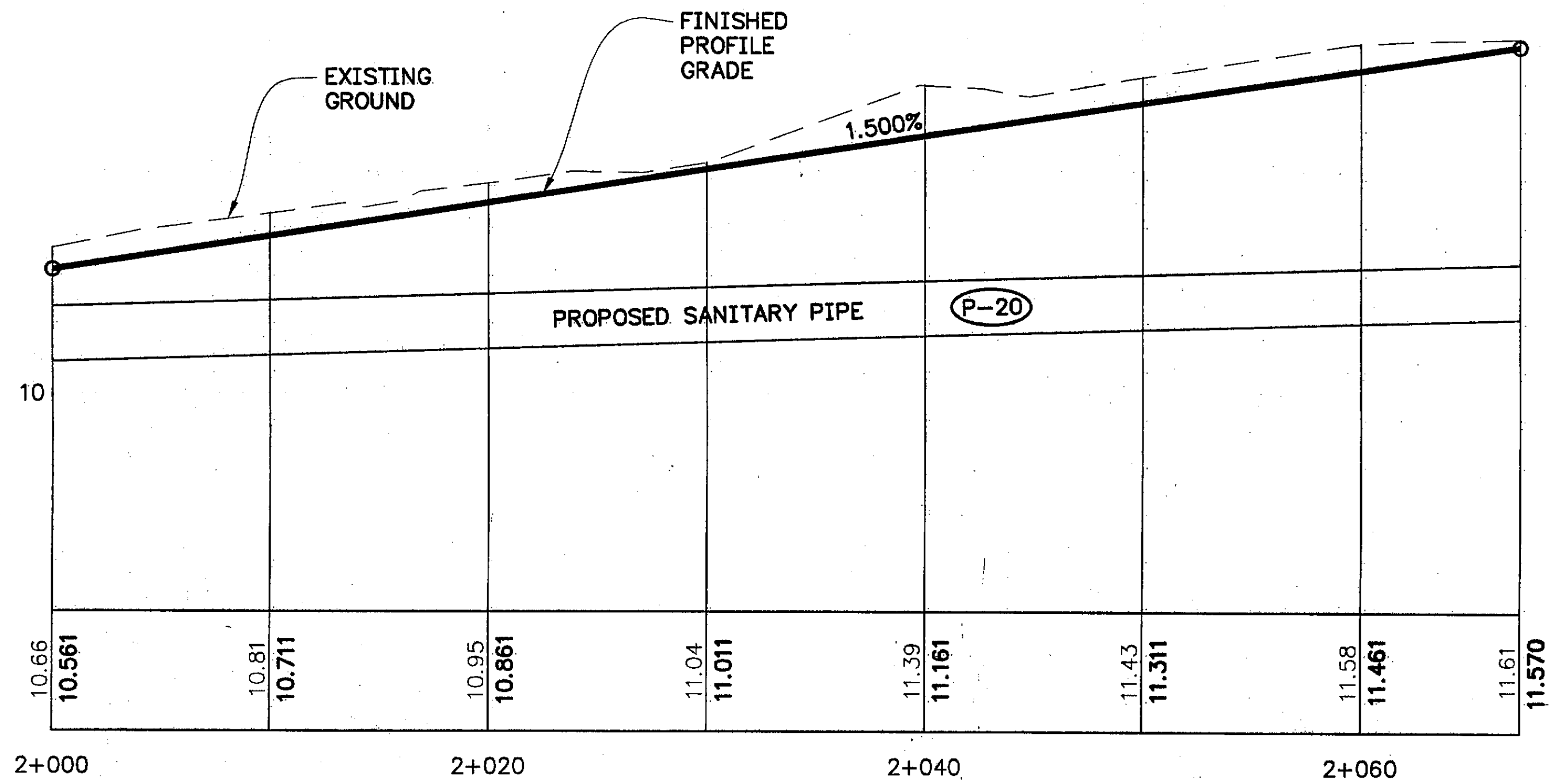
SHEET NUMBER	TOTAL SHEETS
F2	527

49th Victor Winters
 Victor Winters
 CE-8992
 PROFESSIONAL ENGINEER

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Engr. Date 4-6-05



12



SEE SHEET H5 FOR SANITARY SEWER PROFILE.

"A" Line Profile

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 2-8-07

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TAB: A-PLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
Plan & Profile
B.O.P. to "A" Sta. 2+067.28
PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
F3	521

"B" Sta. 4+000=
"C" 10+556.53
N 9395.394
E 14670.525

"B" Sta. 4+69.97=
"AR" 6+282.51
N 9395.394
E 14670.525

ALASKA AIRLINES

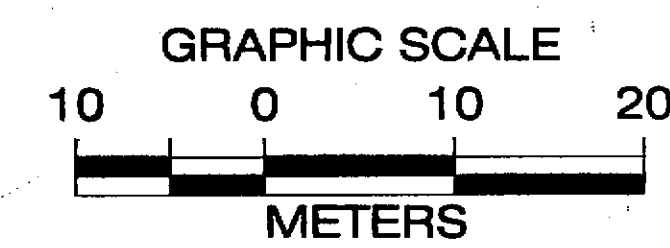
"C" Line

"B" Line

"B" Line
Plan

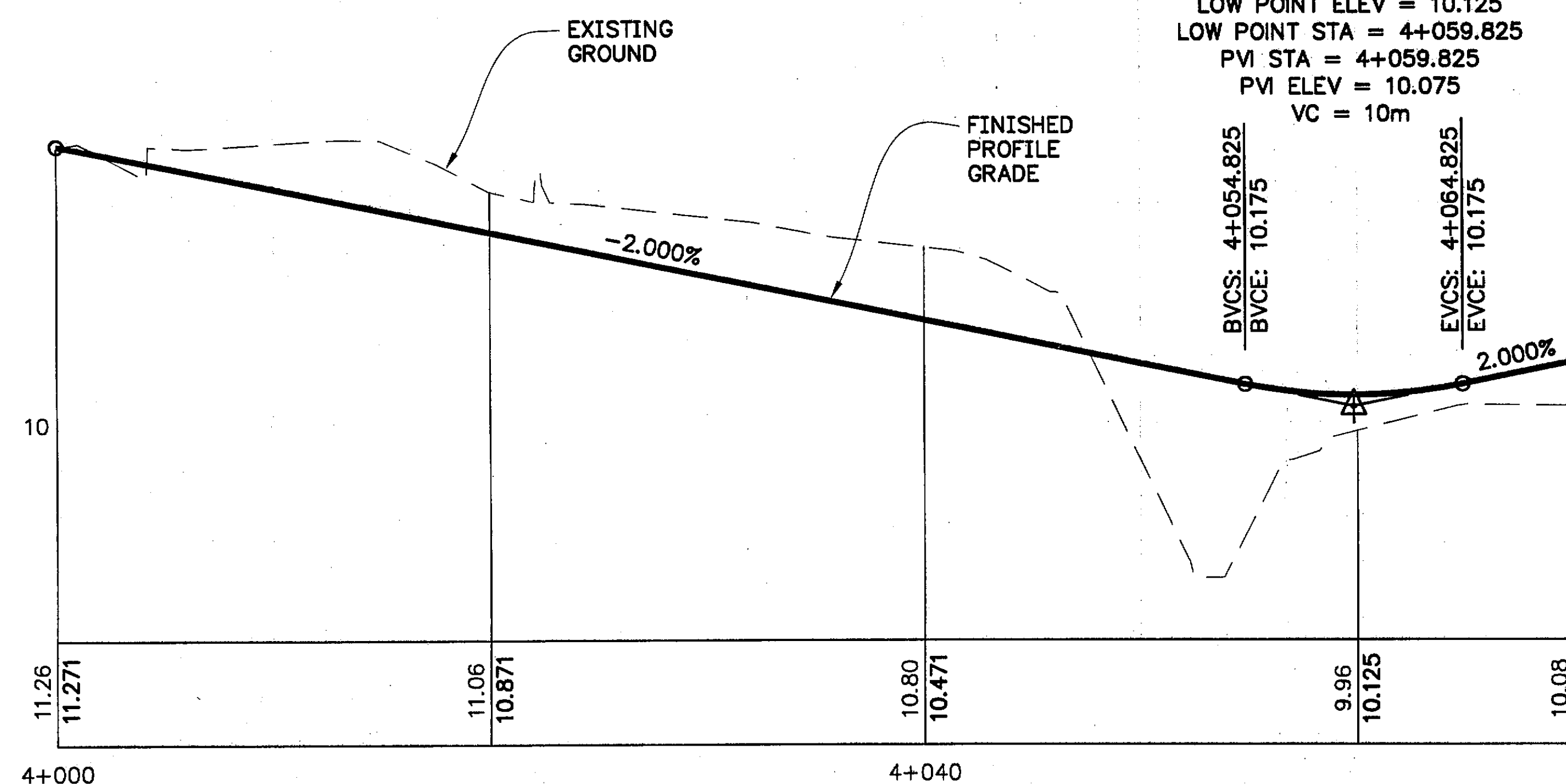
"AR" Line

CONSTRUCTION
EASEMENT (USCG)



"C" STA. 10+185.81

12



"B" Line
Profile

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Engr. *[Signature]* Date: 4-6-05

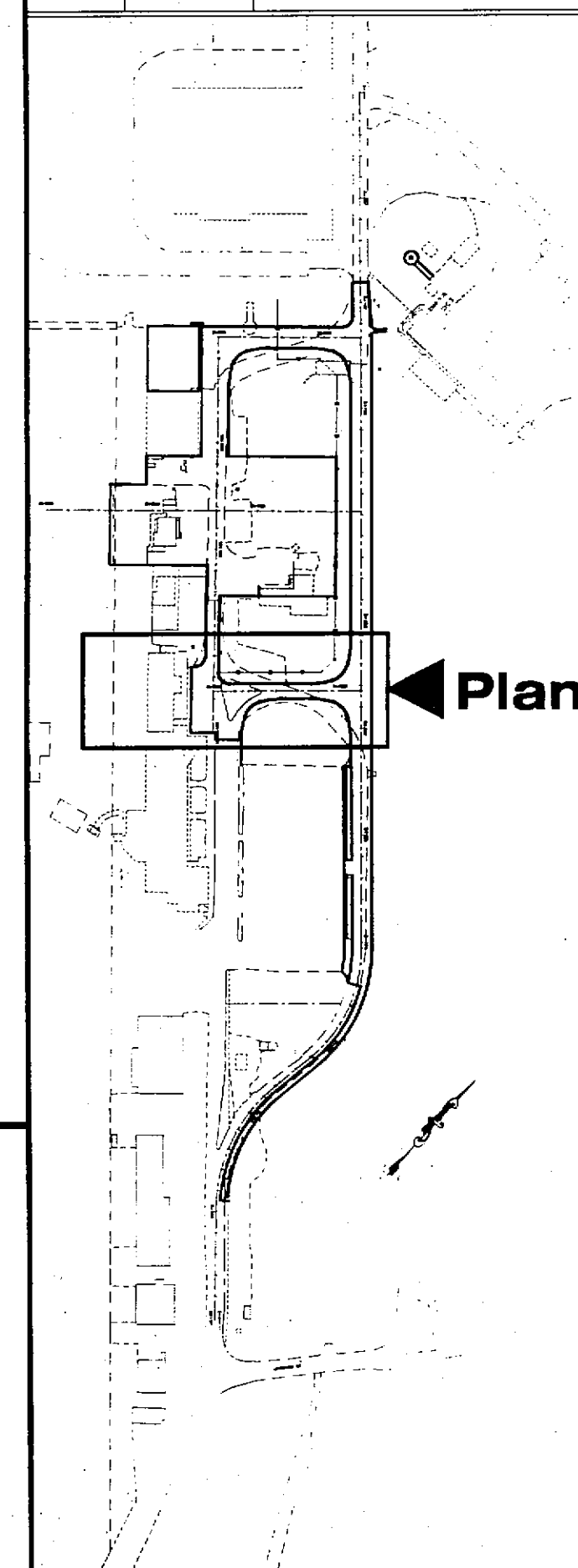
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TAB: B-PLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

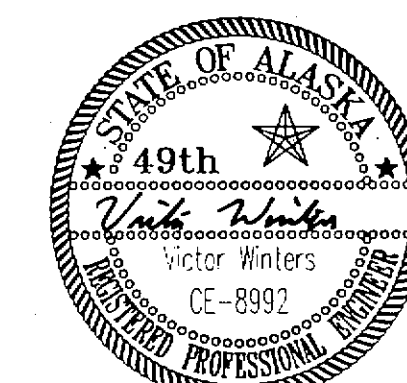
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



Plan

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS

DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV

PROJECT NO. 68039

Plan & Profile

B.O.P. to Sta. 4+69.97

PROJECT DESIGNATION NUMBER

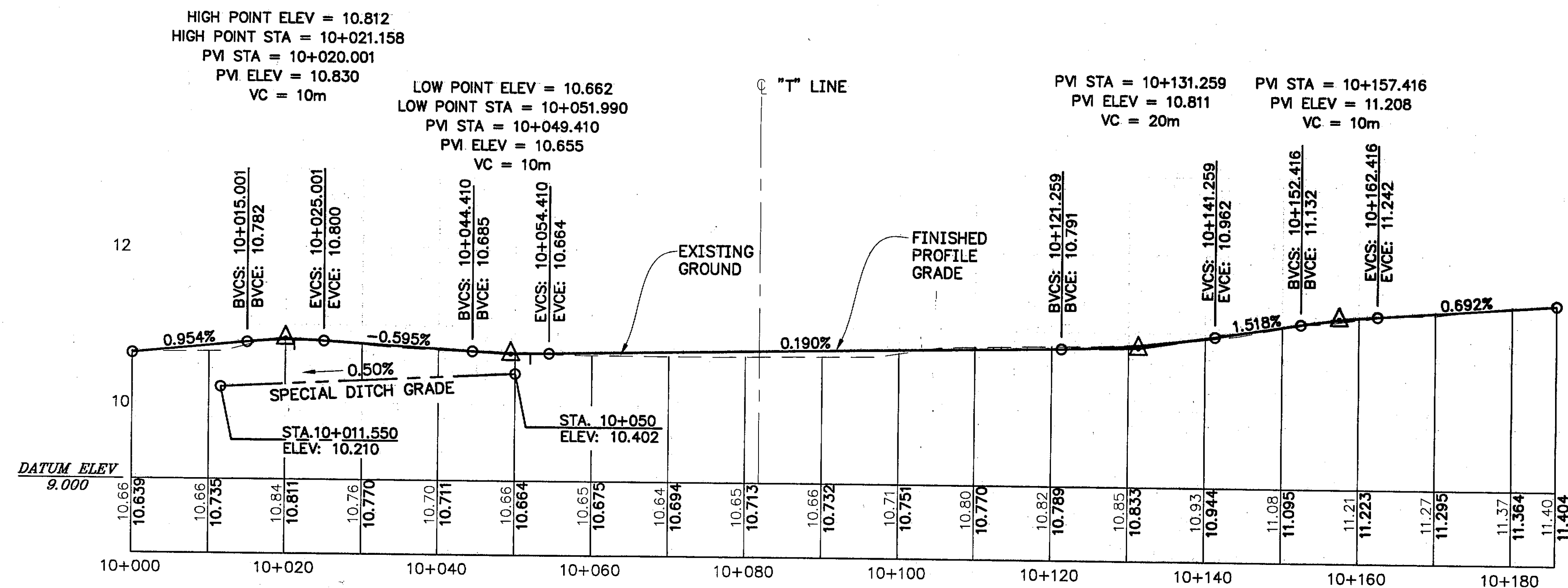
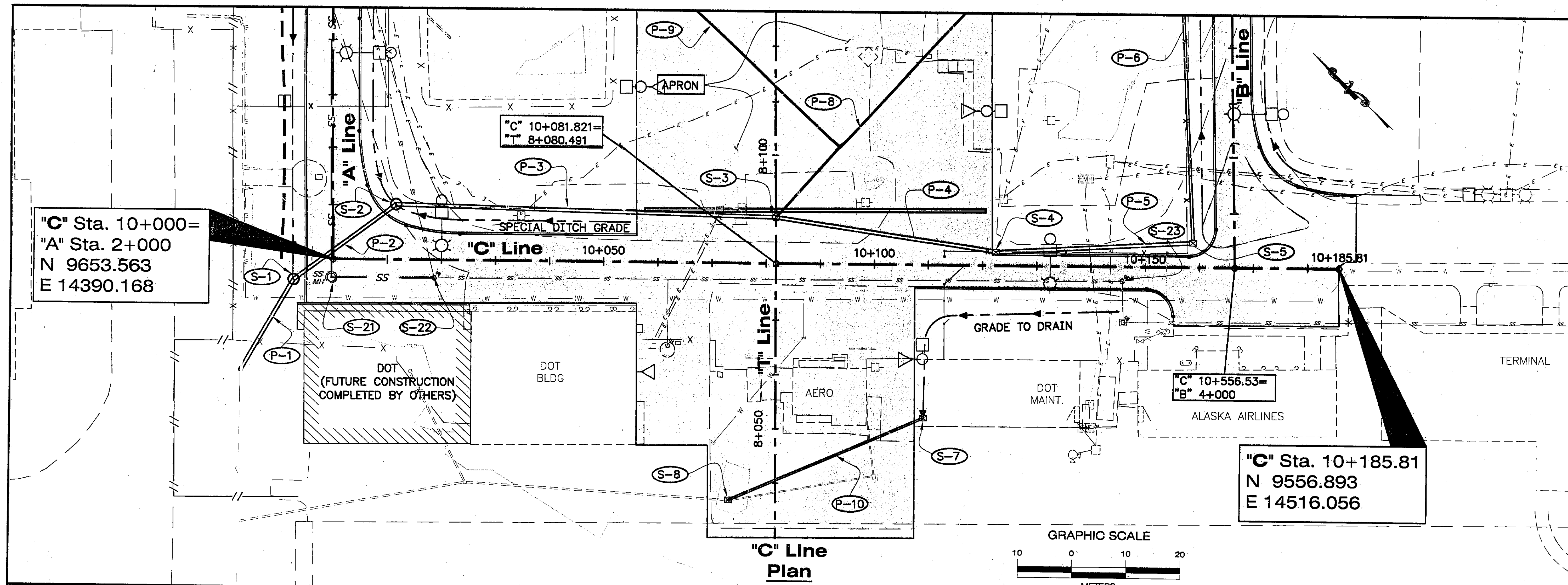
AIP #3-02-0268-1101

STATE YEAR

ALASKA 2001

SHEET NUMBER TOTAL SHEETS

F4 527



"C" Line Profile

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 TAB: C-PLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS
 DRAWN BY: R. SNYDER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

SITKA ROCKY GUTIERREZ AIRPORT-APRON & TAXIWAY
 STAGE IV
 PROJECT NO. 68039
Plan & Profile
 B.O.P. to "C" Sta. 10+185.81
 PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

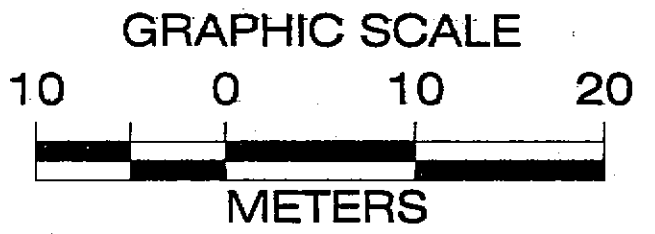
STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
F5	527

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Engr. Date 4-6-05

"T" Sta. 8+000
N 9576.484
E 14388.604

"T" Sta. 8+149.100
N 9672.054
E 14490.910



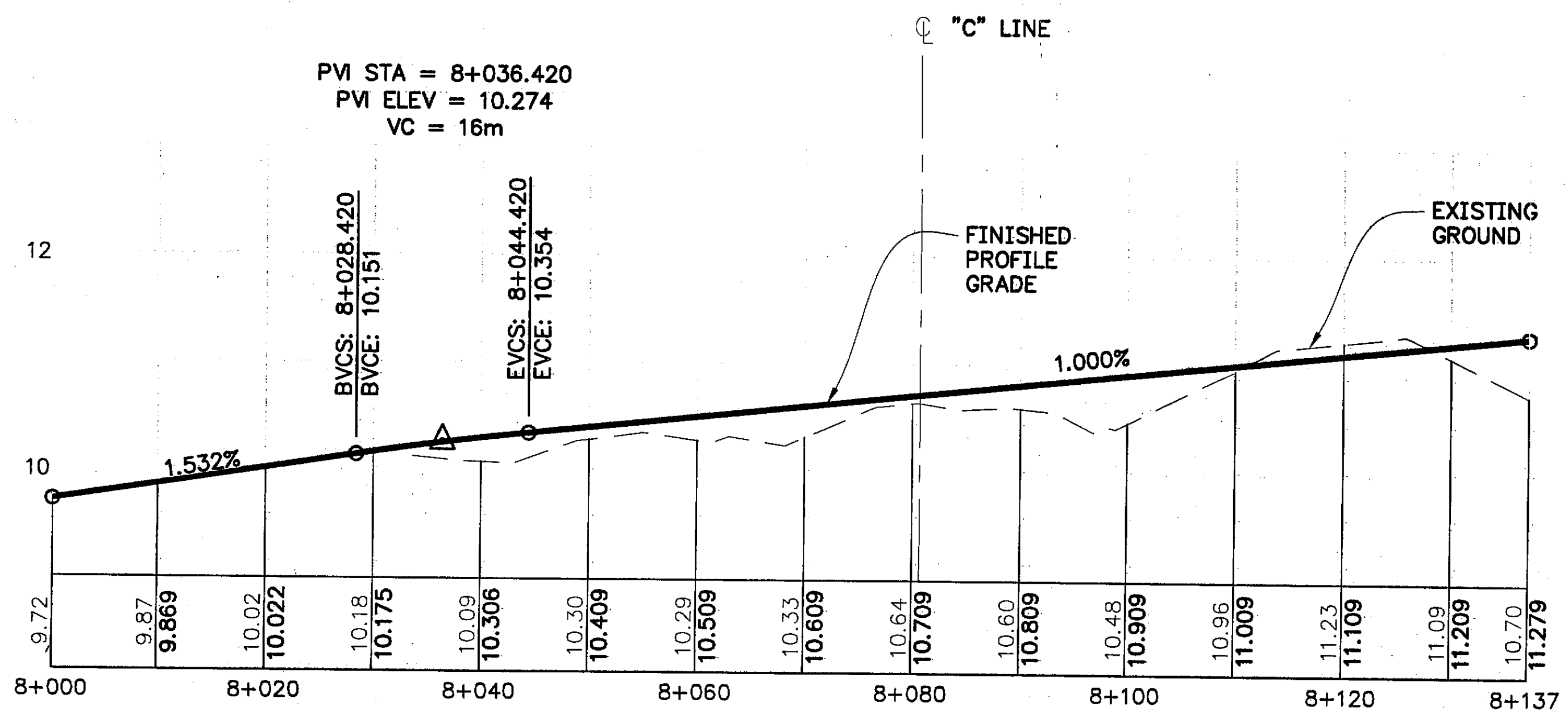
TO BE RELOCATED
BY OTHERS

GRADE TO
DRAIN

DOT
MAINT.

"T" Line
Plan

CONSTRUCTION
EASEMENT (USCG)



"T" Line
Profile

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

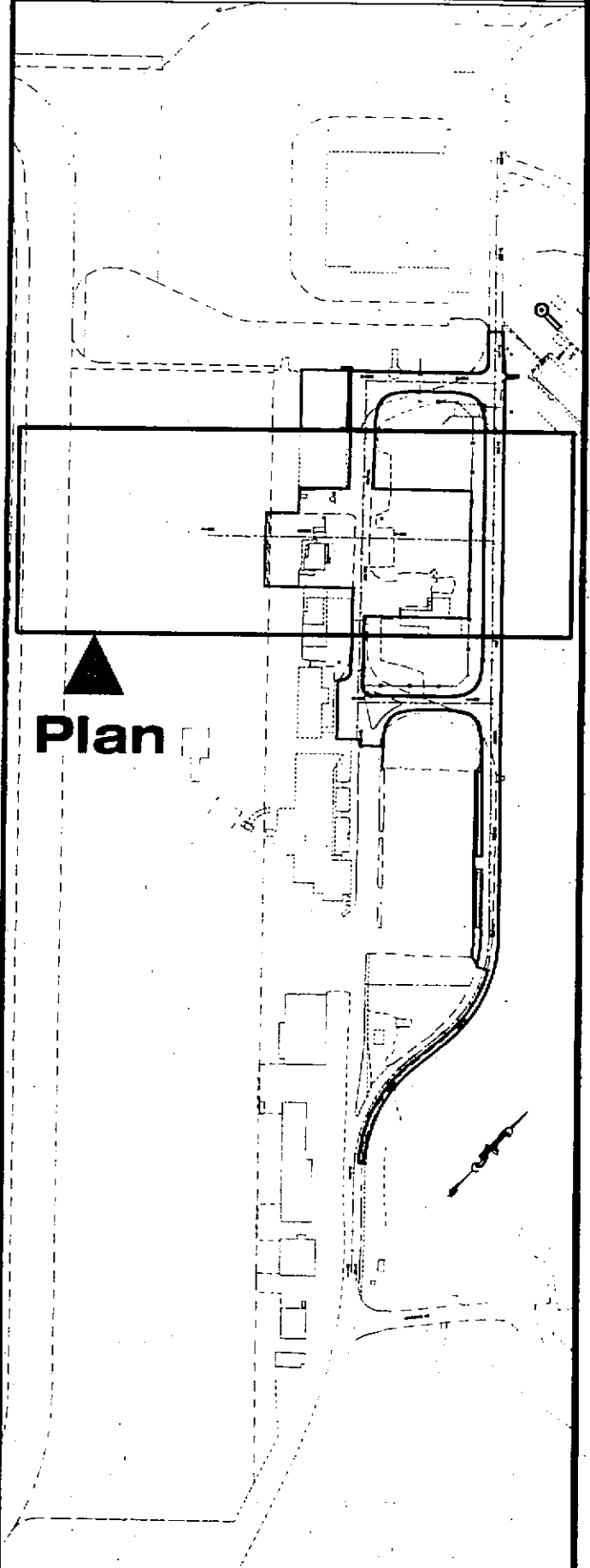
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TAB: TW-PLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

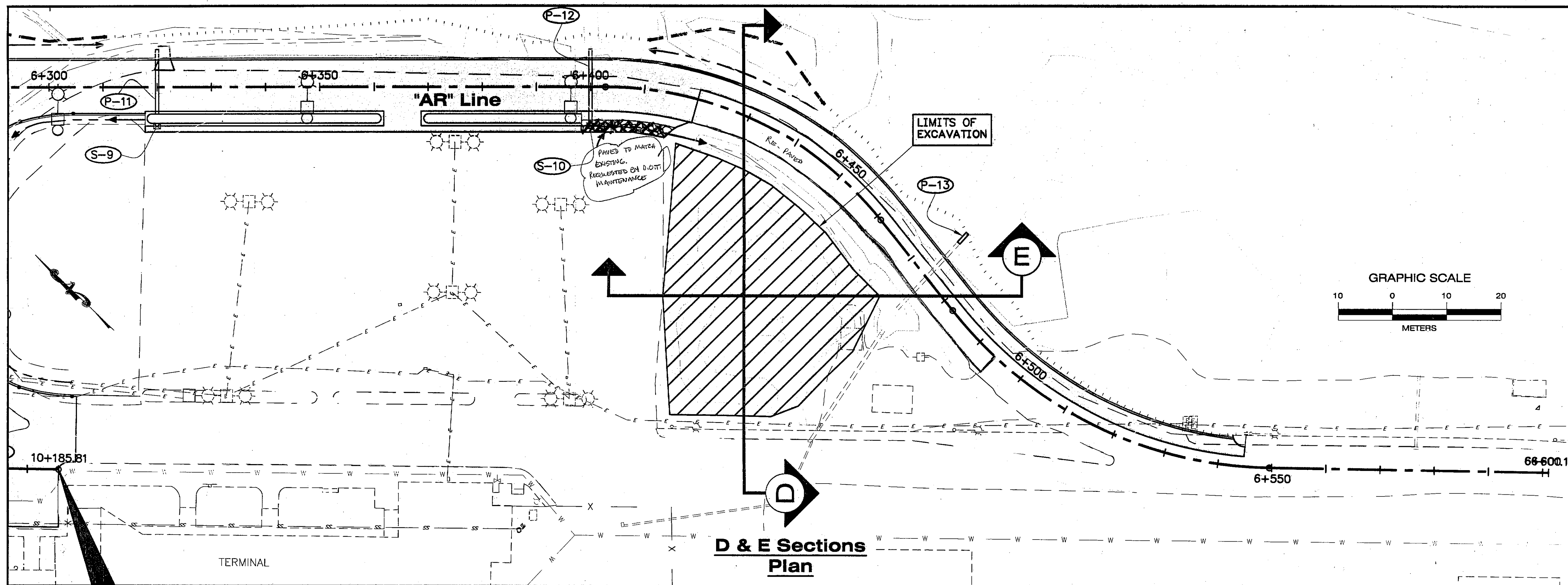
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039

Plan & Profile
B.O.P. to "T" Sta. 8+102.100

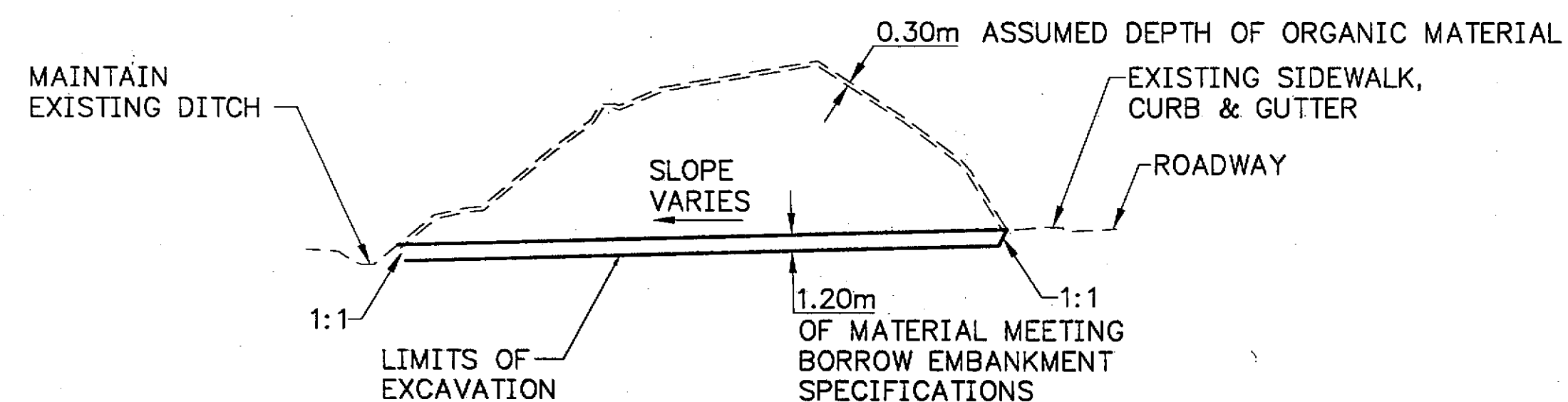
PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
F6	57

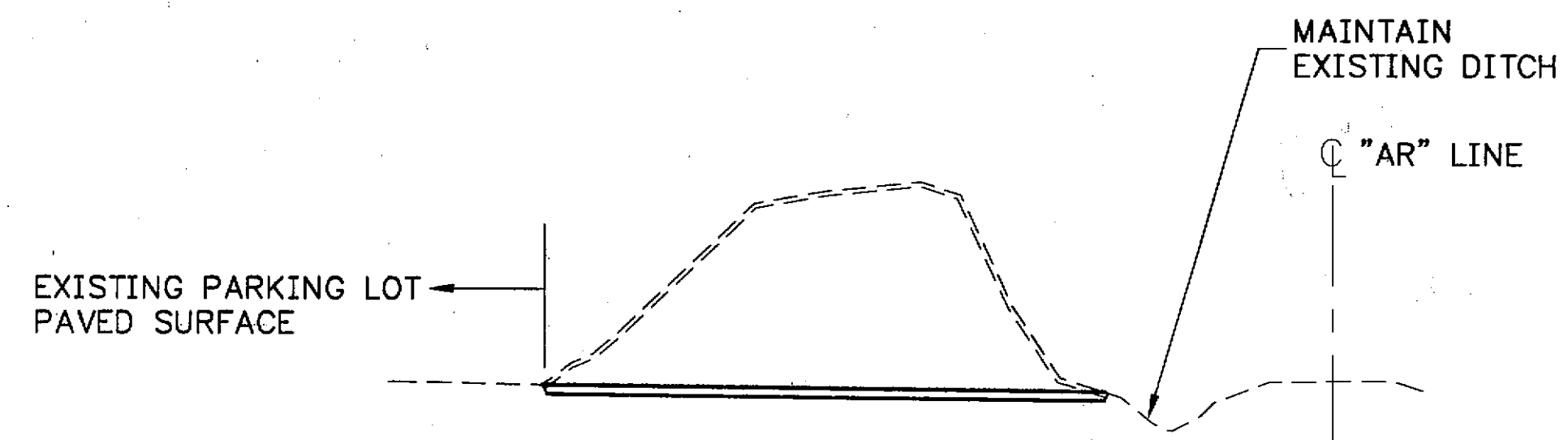


**D & E Sections
Plan**

ESTIMATED MATERIAL VOLUMES	
TOTAL VOLUME	5178 cu. m
MUCK EXCAVATION	1928 cu. m
USABLE MATERIAL	3250 cu. m



Section D



Section E

D & E Sections

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Eng. *[Signature]* Date 2-8-97

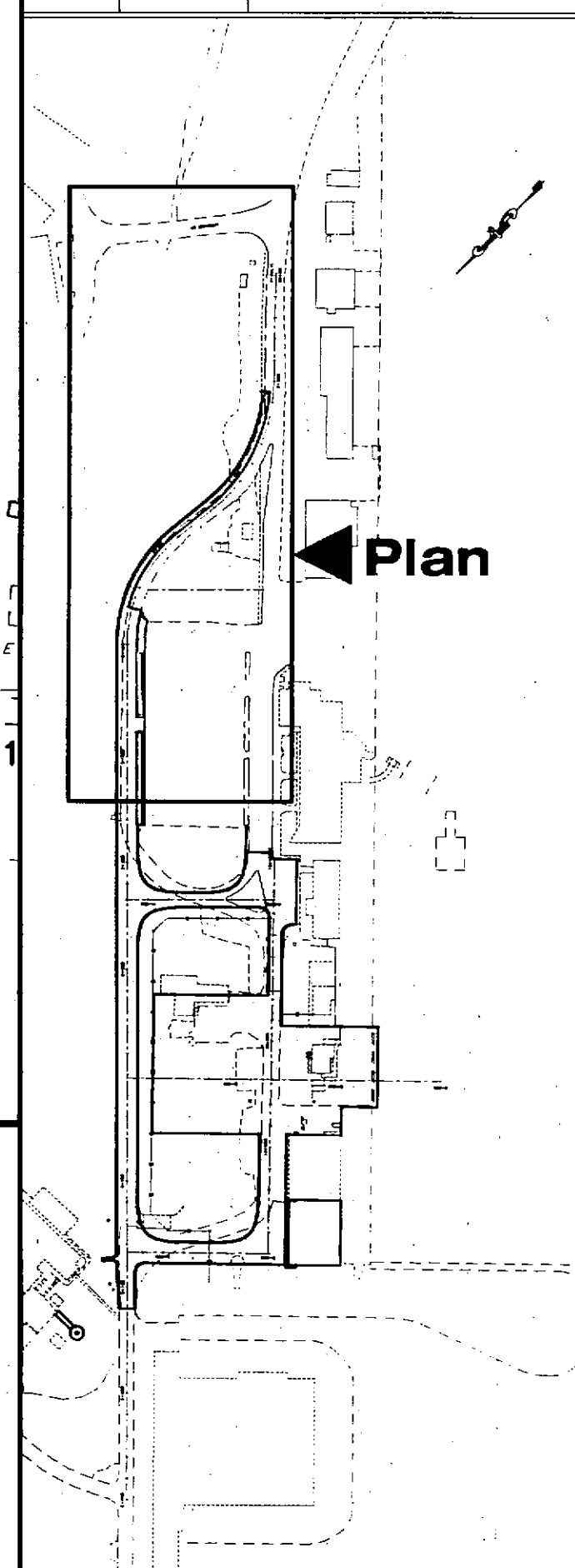
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 TAB: D-E-SECTIONS

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
 DRAWN BY: R. SNYDER

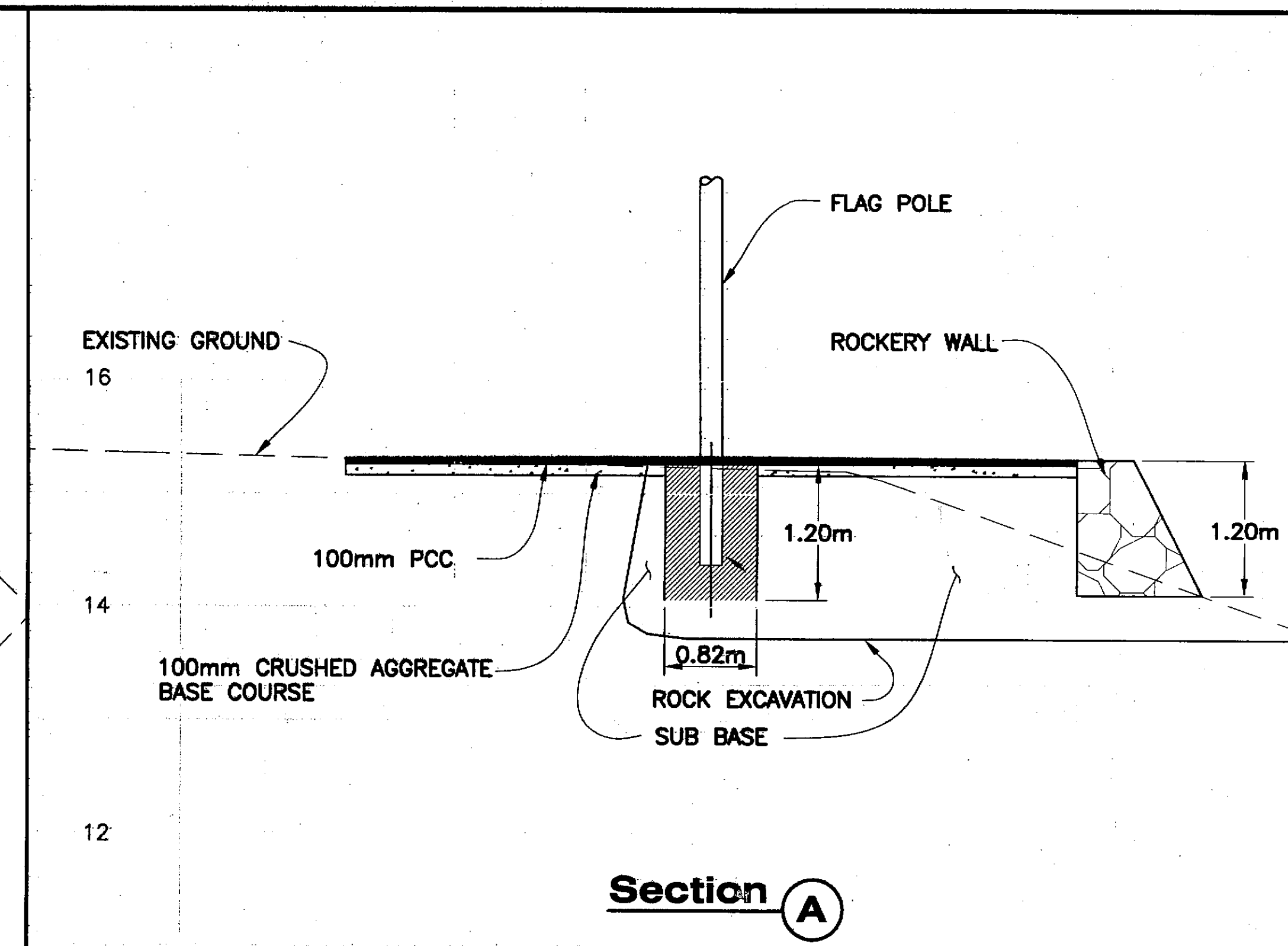
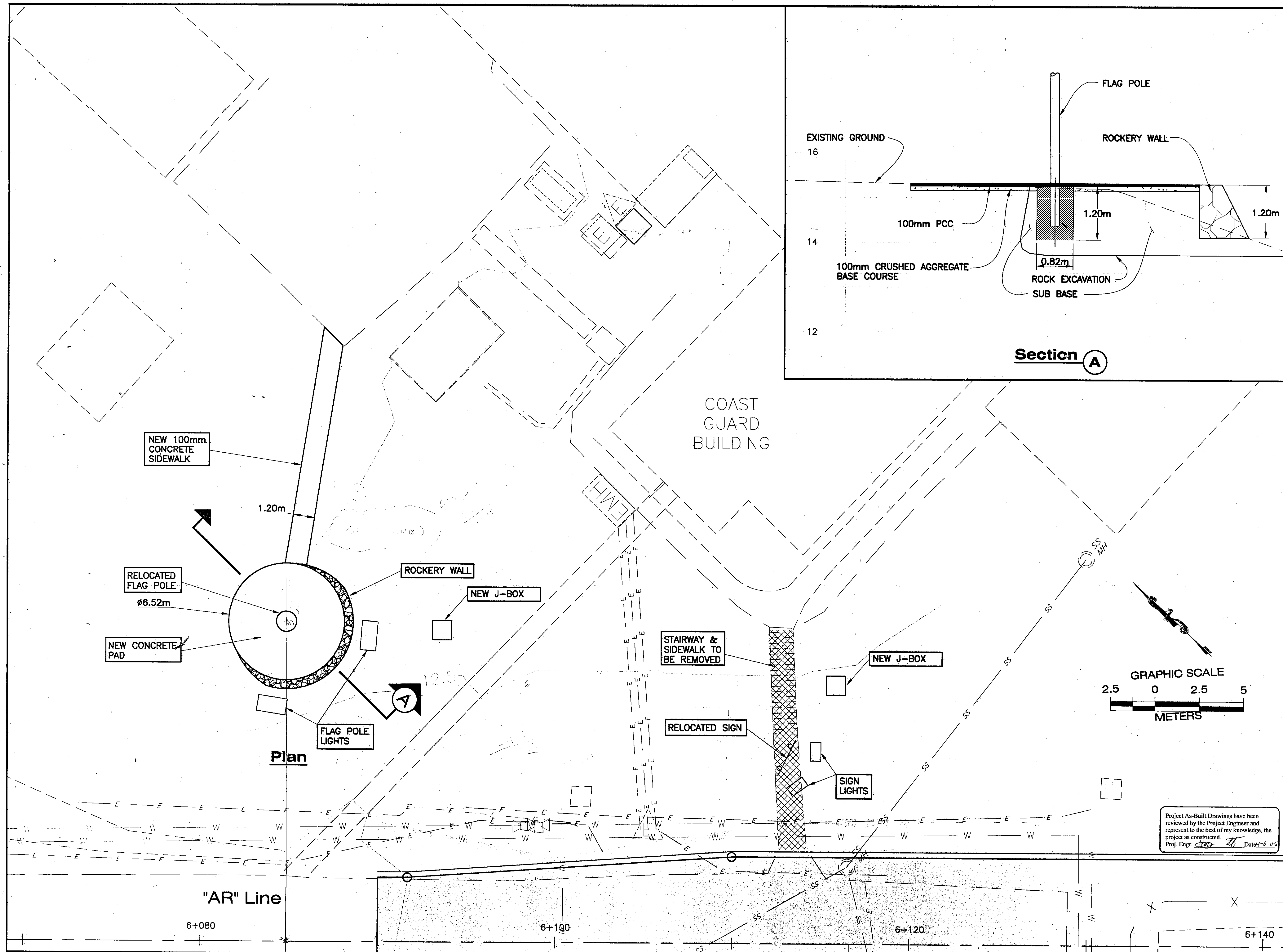
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING
 SERVICES DIVISION

SITKA ROCKY GUTIERREZ
 AIRPORT-APRON & TAXIWAY
 STAGE IV
 PROJECT NO. 68039

Mining Plan

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
F7	527



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 TAB: FLAGPOLEPLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
 APRON AND TAXIWAY
 PHASE IV
 PROJECT NO. 68039

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS

DRAWN BY: M.L./R.S.

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 STATEWIDE DESIGN & ENGINEERING
 SERVICES DIVISION

SITKA ROCKY GUTIERREZ
 AIRPORT - APRON & TAXIWAY
 STAGE IV
 PROJECT NO. 68039
**Flag Pole Plan &
 Section**

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
G1	527

Project As-Built Drawings have been
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 project as constructed.
 Proj. Engr. *[Signature]* Date: 6-6-05

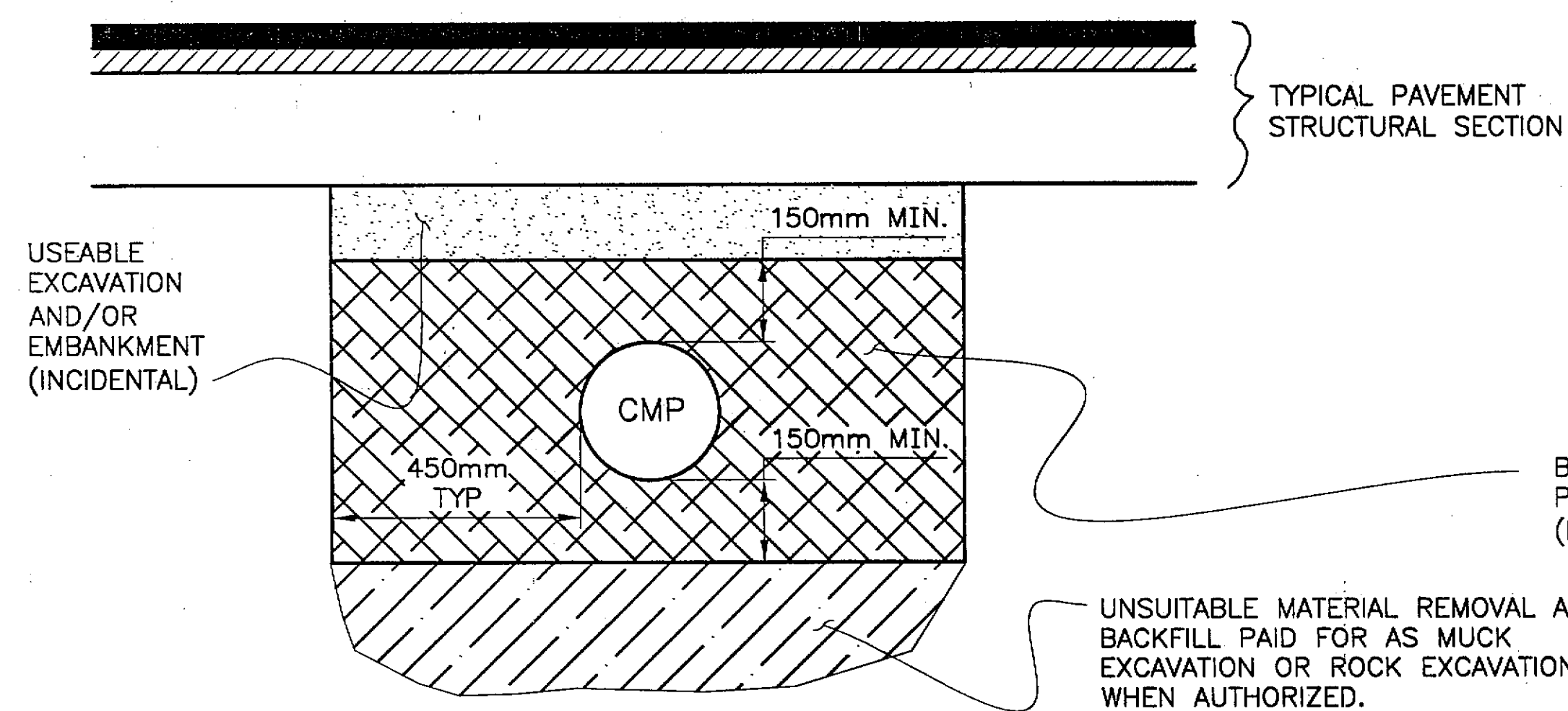
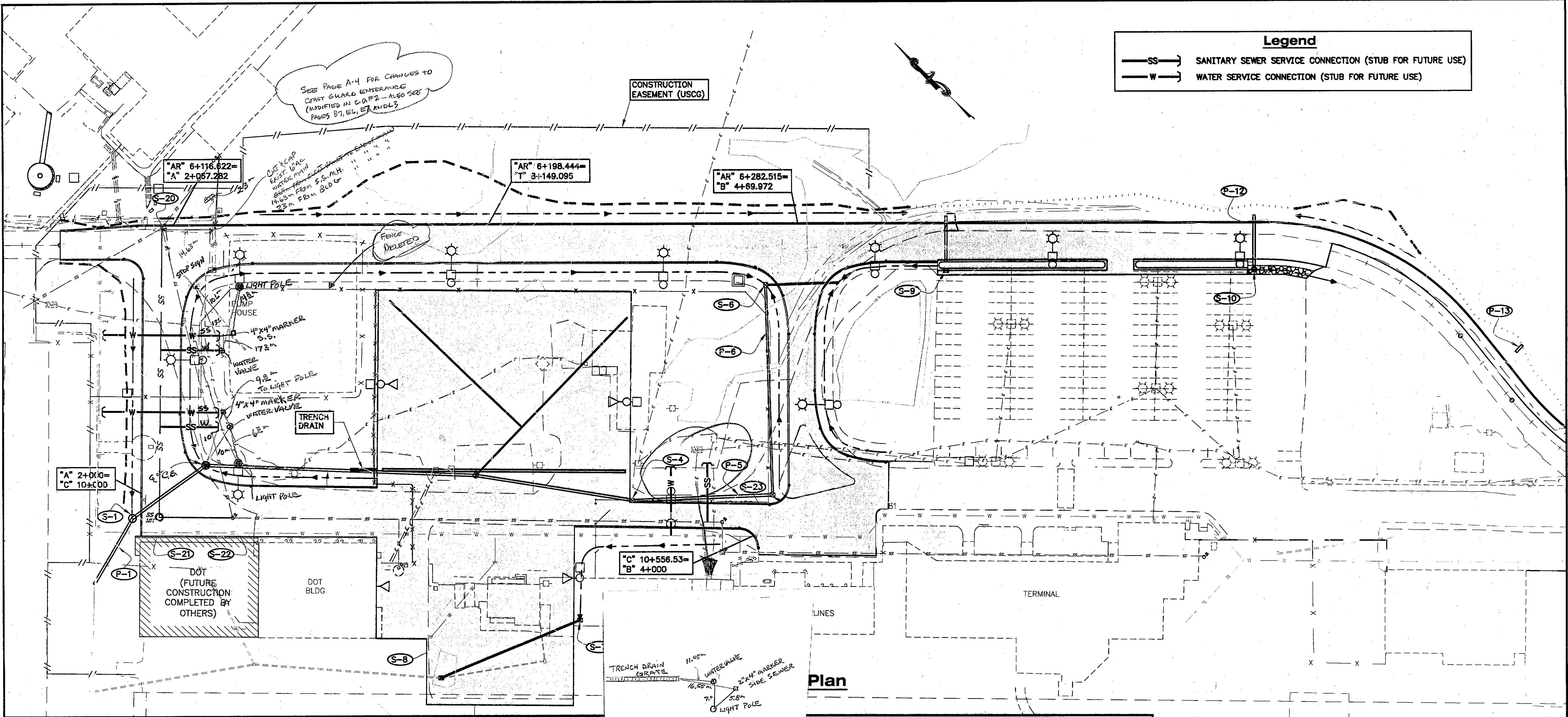
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SS

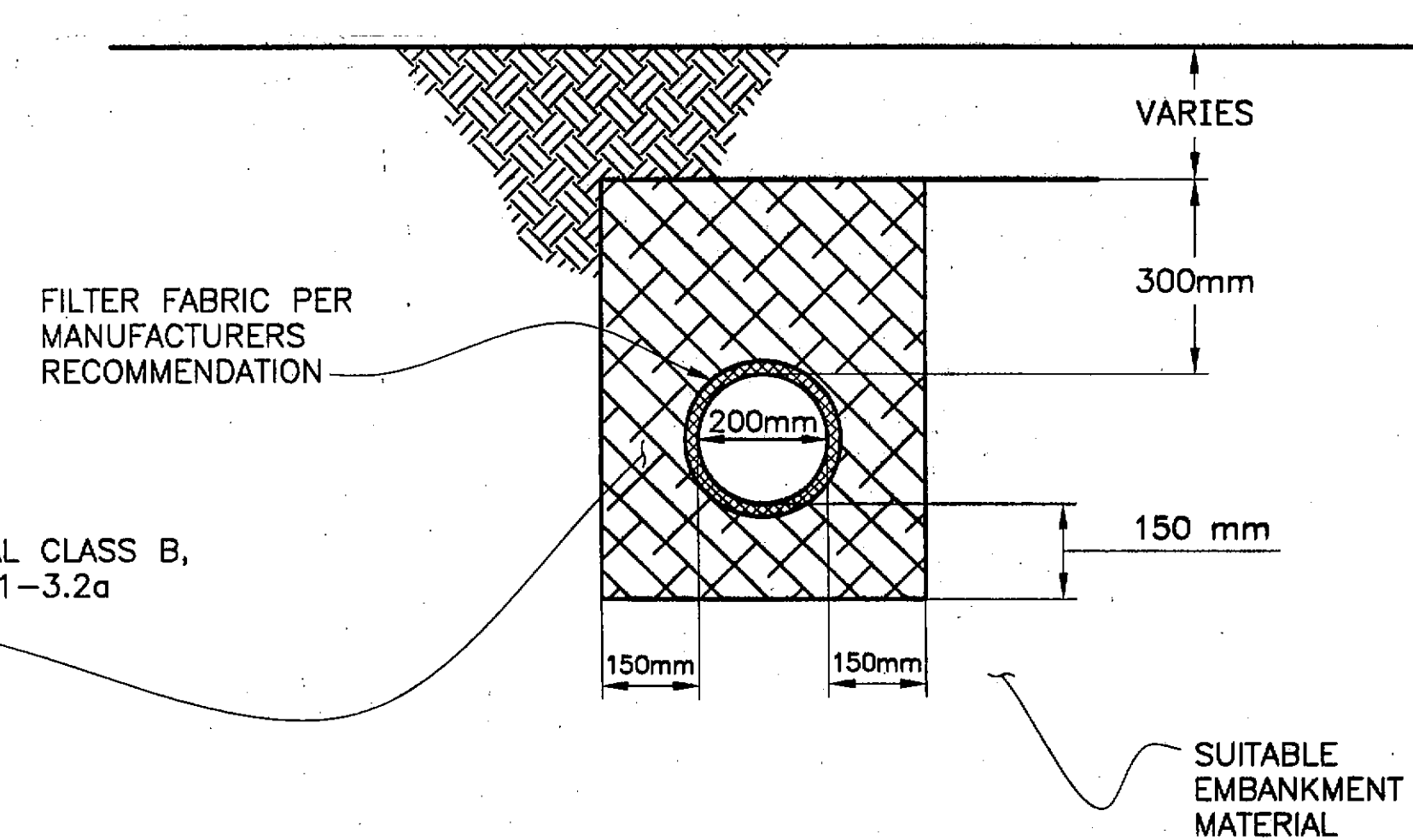
SANITARY SEWER SERVICE CONNECTION (STUB FOR FUTURE USE)

W

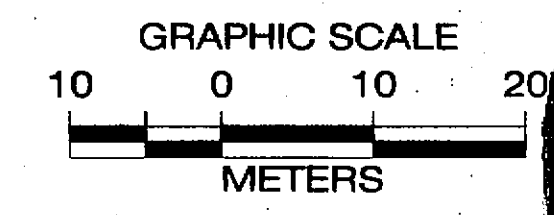
WATER SERVICE CONNECTION (STUB FOR FUTURE USE)



Typical Pipe Trenching
and Bedding Detail



Pipe Underdrain Detail



Project As-Built Drawings have been
reviewed by the Project Engineer and
represent to the best of my knowledge,
the project as constructed.
Proj. Eng. Victor Winters Date 2-8-07

DESIGNED BY: R. KRAEMER

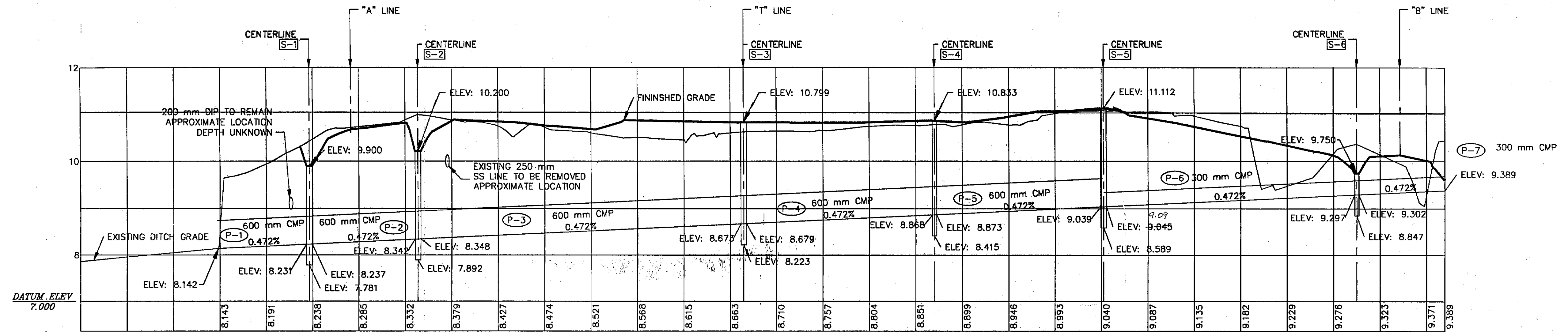
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
**SITKA ROCKY GUTIERREZ AIRPORT
APRON & TAXIWAY-STAGE IV
PROJECT NO. 68039**

Drainage Plan

CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

PATH: Q:\Sit\68039\PlanSet\H_DrainPlan.dwg Thu, 19/Jul/01 04:14PM Michael L
PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: PLANTYP5

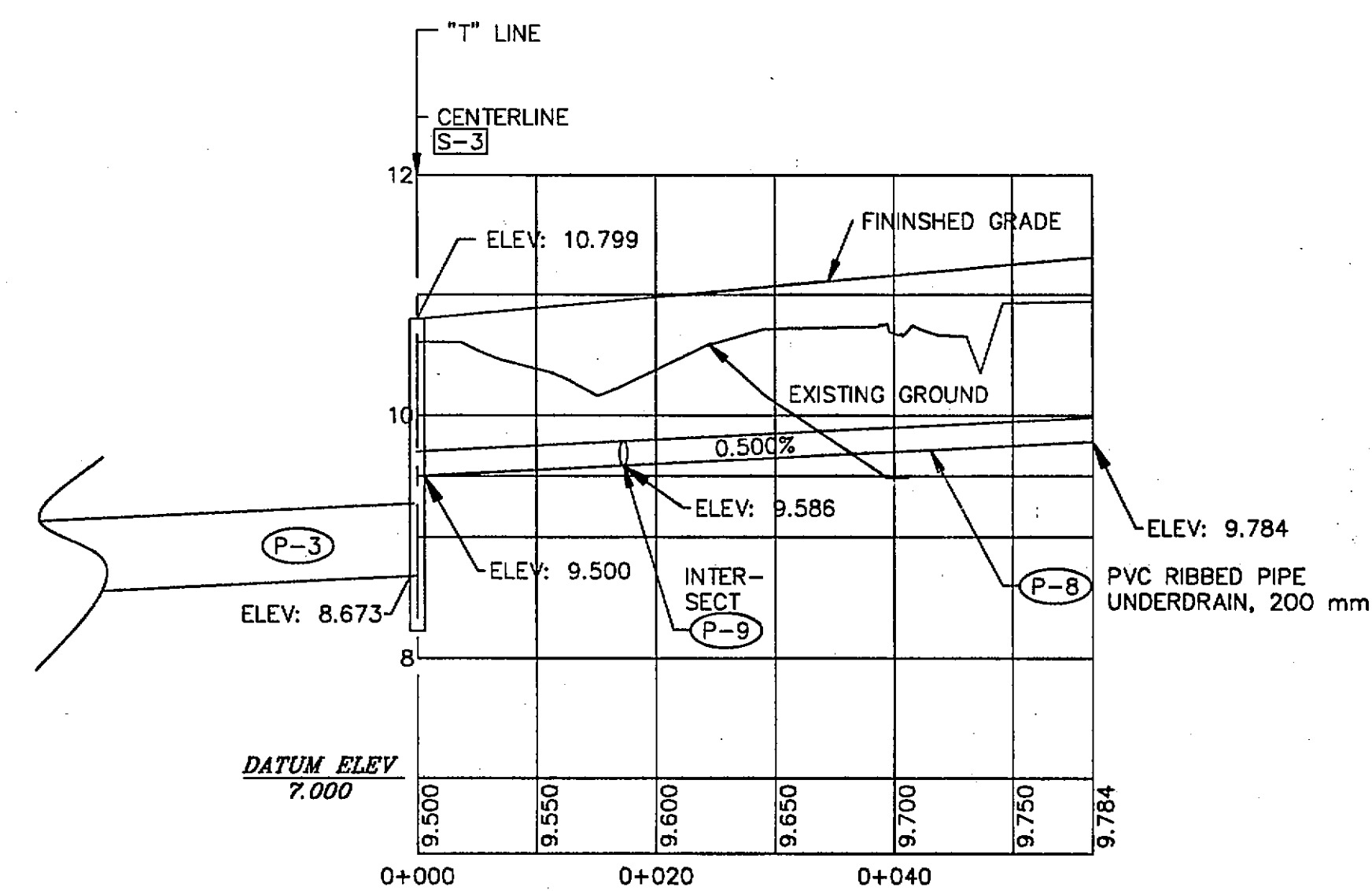
REVISIONS		PROJECT DESIGNATION AIP NO. 3-02-0268-1101	YEAR 2001	SHEET NO. H1	TOTAL SHEETS 527
NO.	DATE DESCRIPTION				



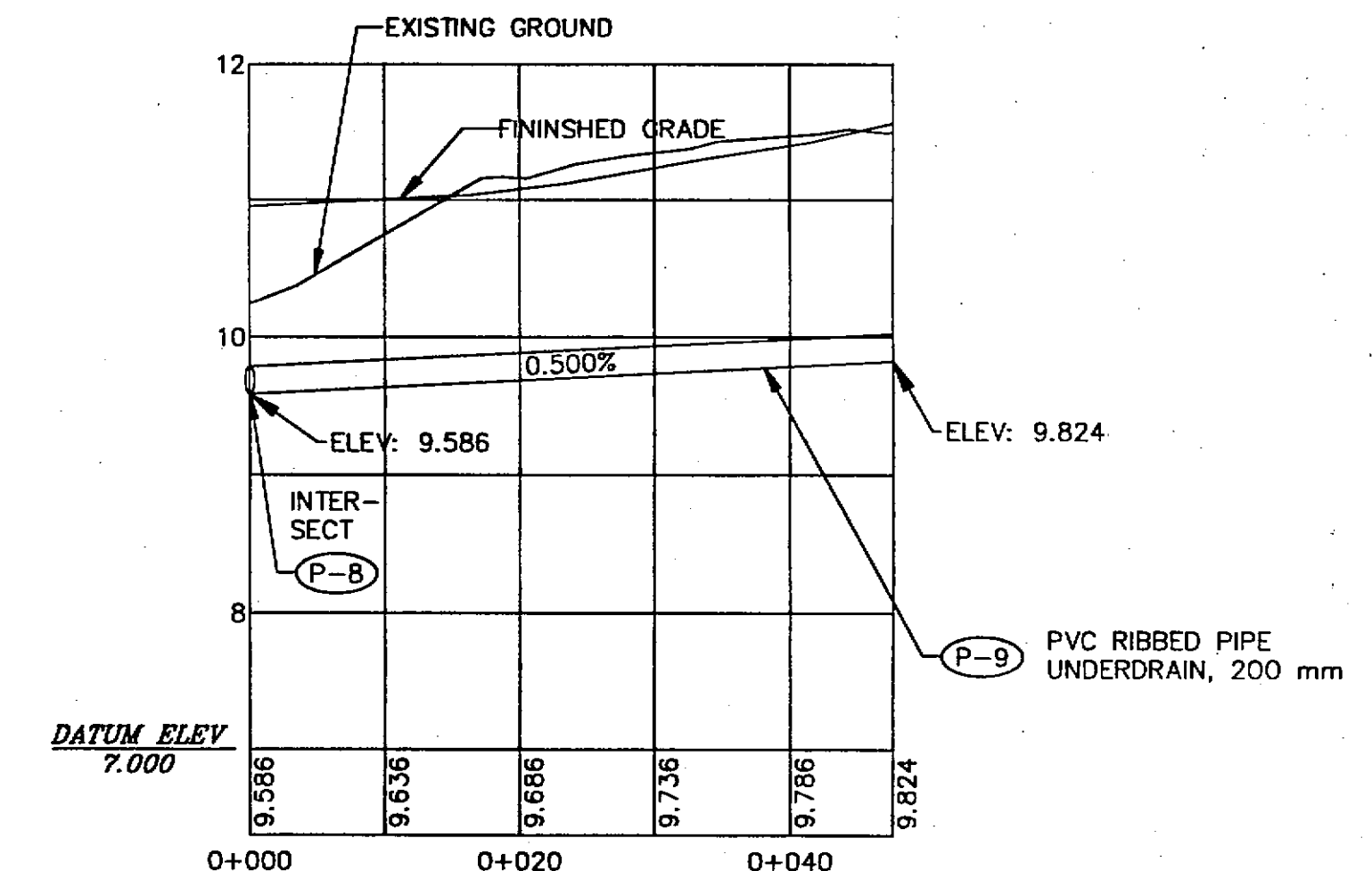
S-1 to S-6

NOTES

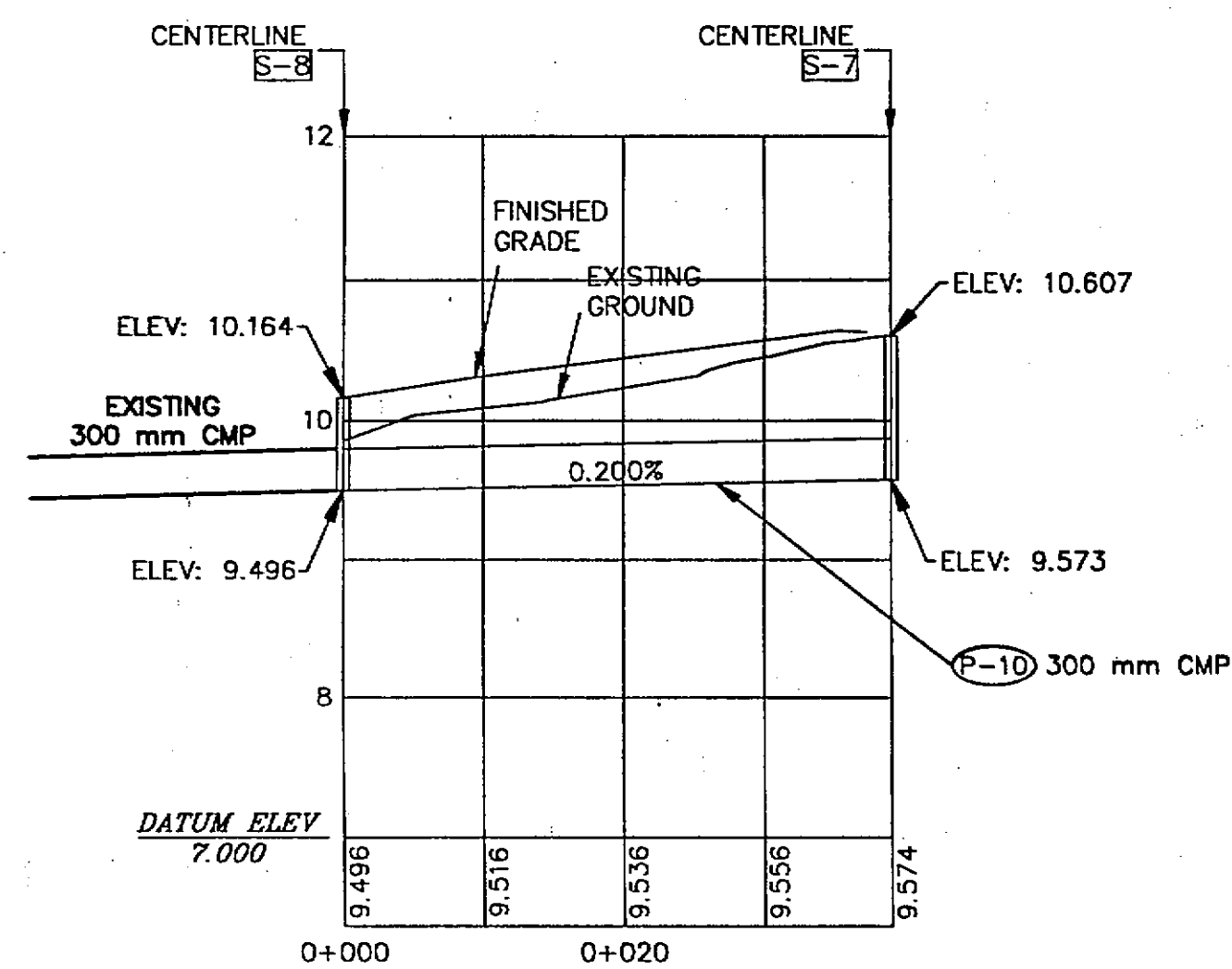
1. LOCATIONS OF UTILITIES SHOWN ARE BASED ON BEST AVAILABLE INFORMATION.
2. THESE PROFILES MAY NOT SHOW ALL UTILITY CROSSINGS.



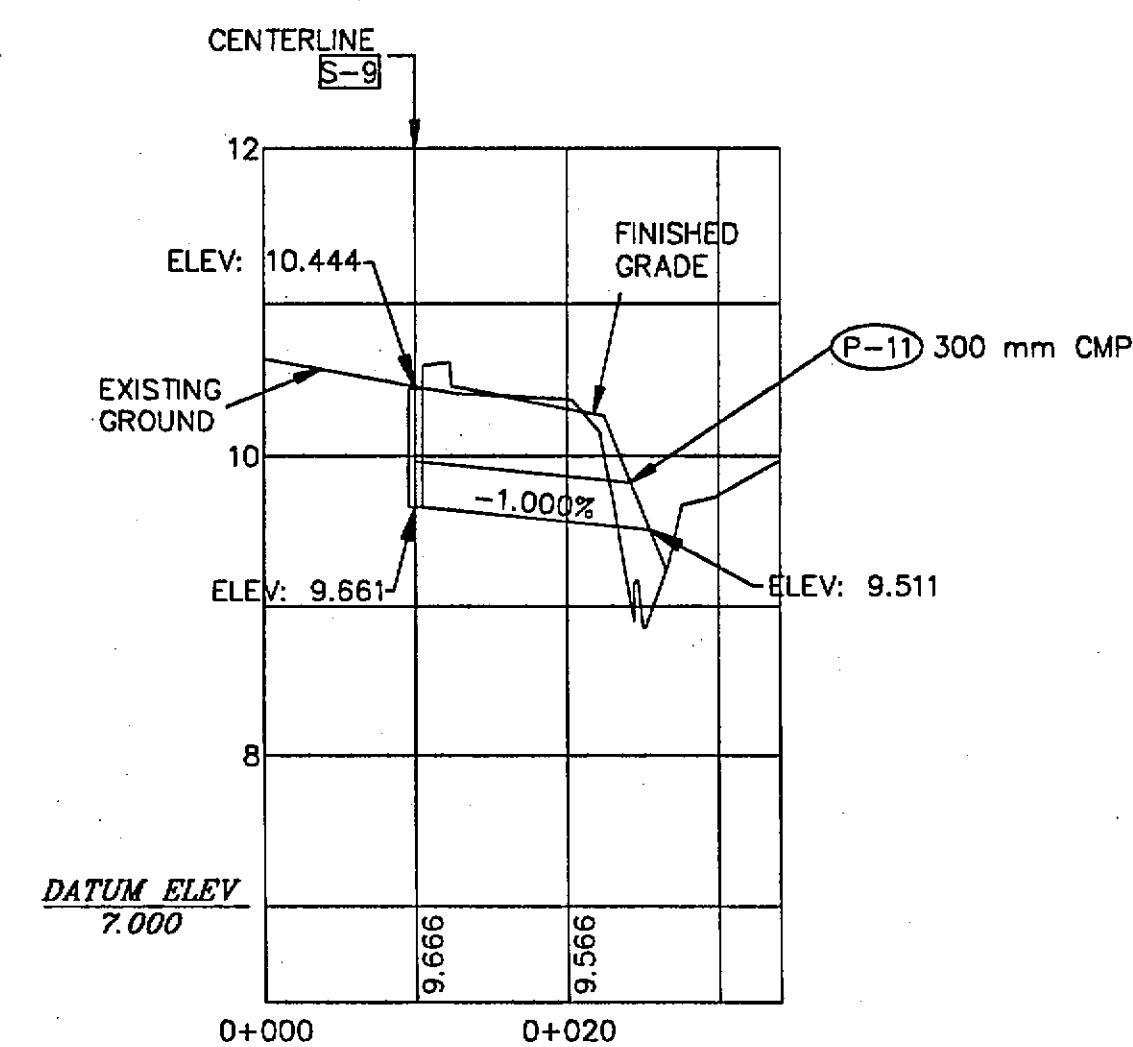
S-3



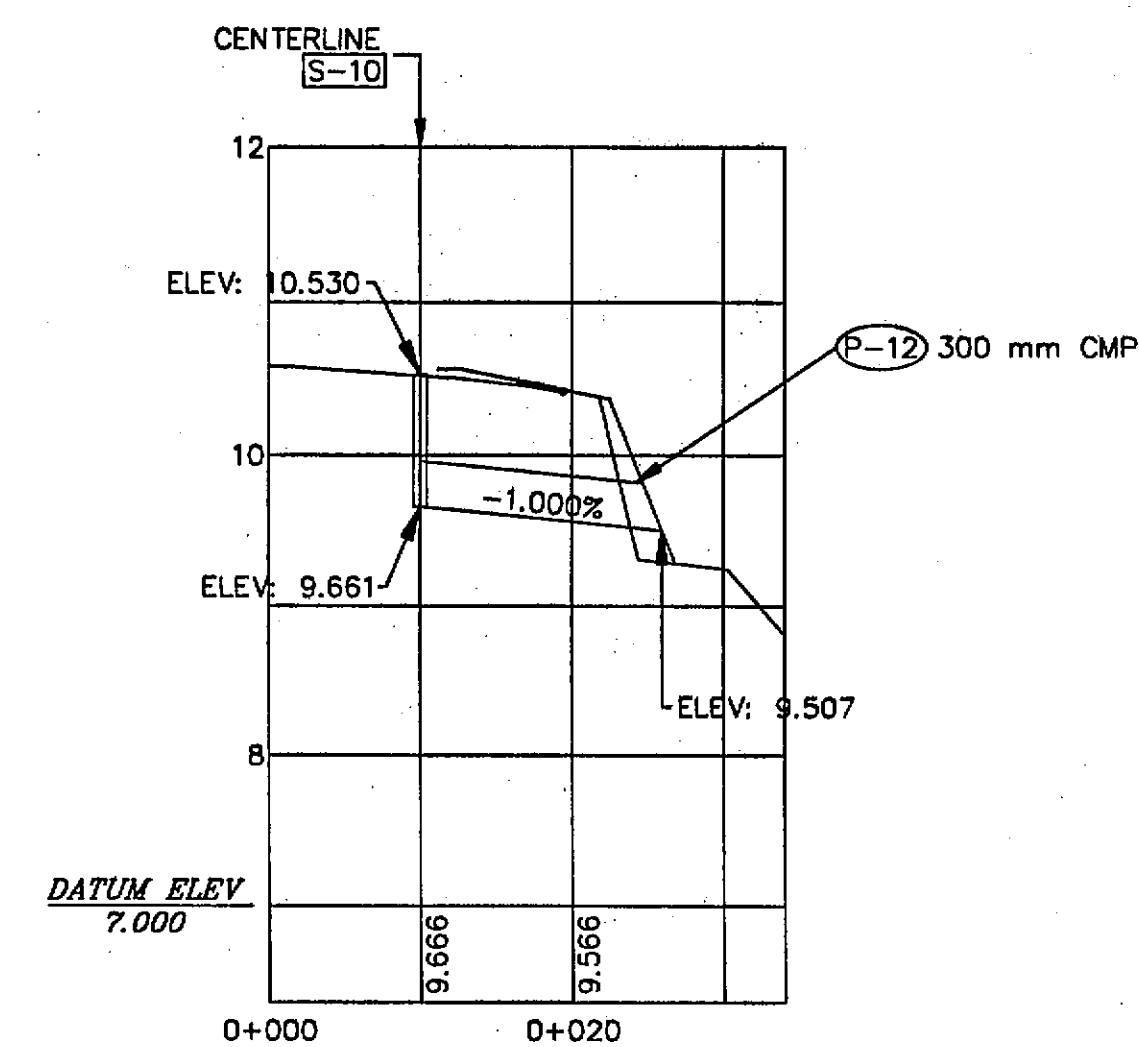
P-9



S-8 to S-7



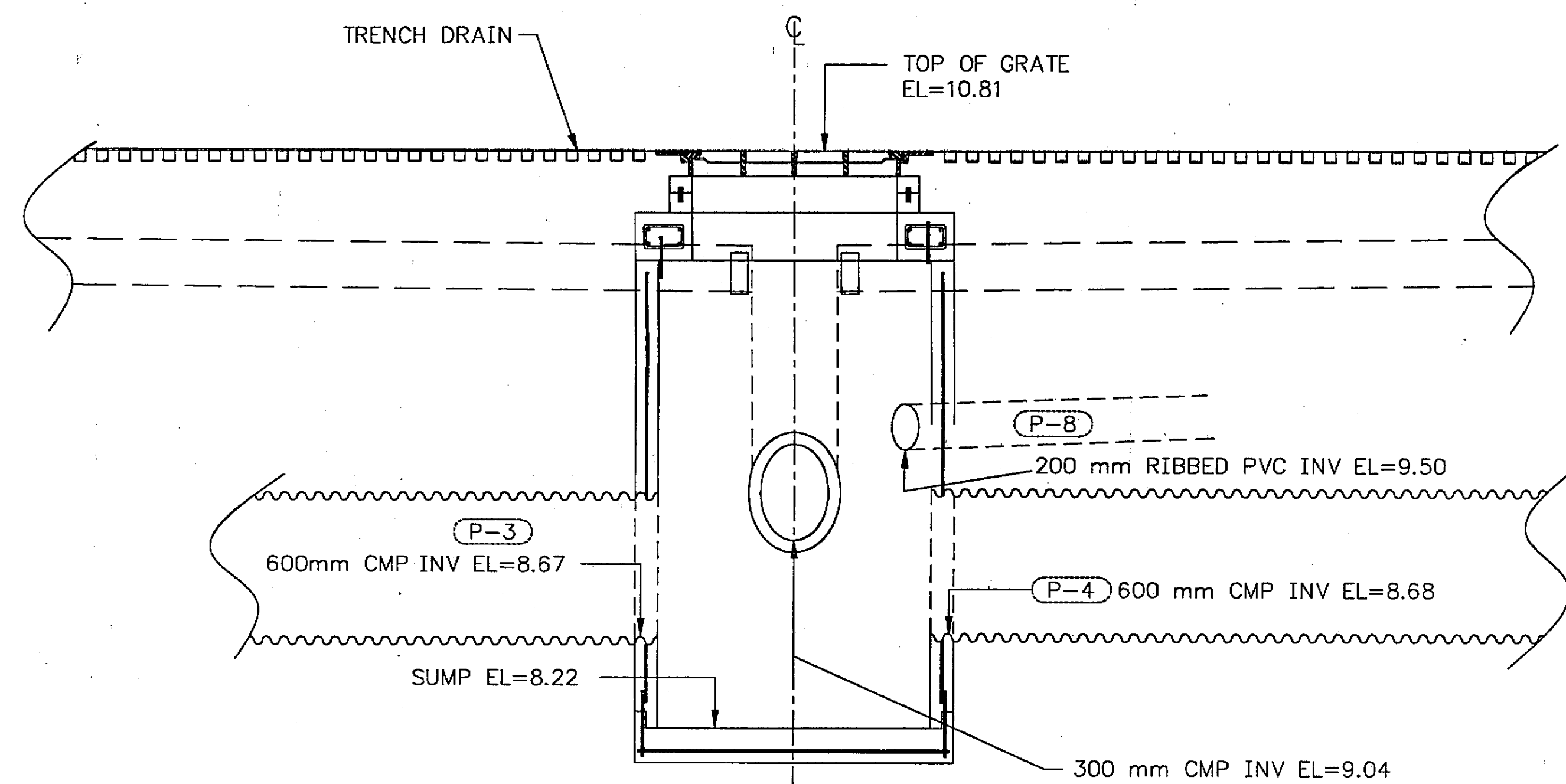
S-9



S-10

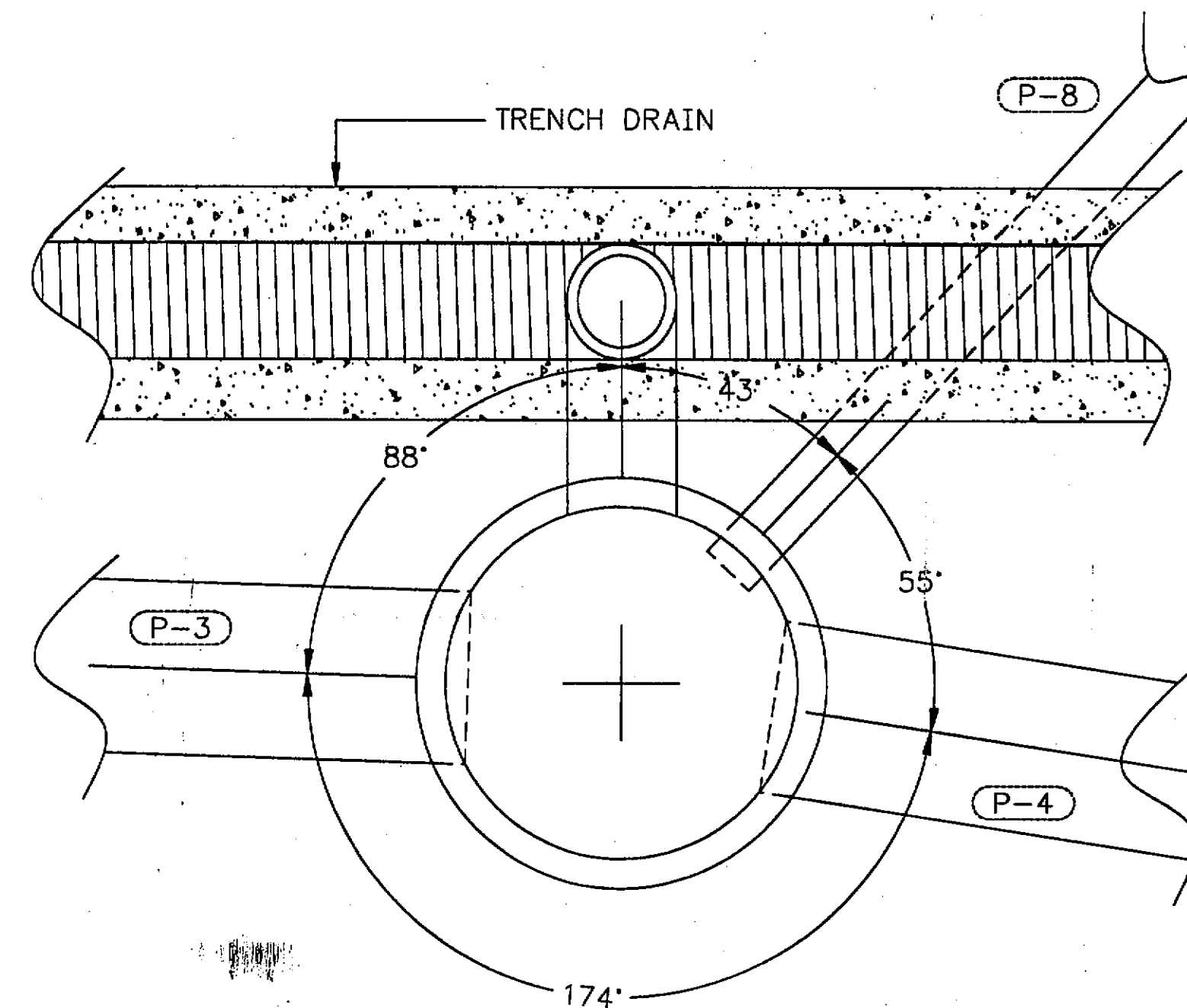
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Engr. *[Signature]* Date: 6-05

DESIGNED BY: R. KRAEMER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION			
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039			
		Drainage Profiles			
CHECKED BY: V. WINTERS DRAWN BY: R. SNYDER		PROJECT DESIGNATION: AIP NO. 3-02-0268-1101			
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		SHEET NO. H2			
		TOTAL SHEETS 527			

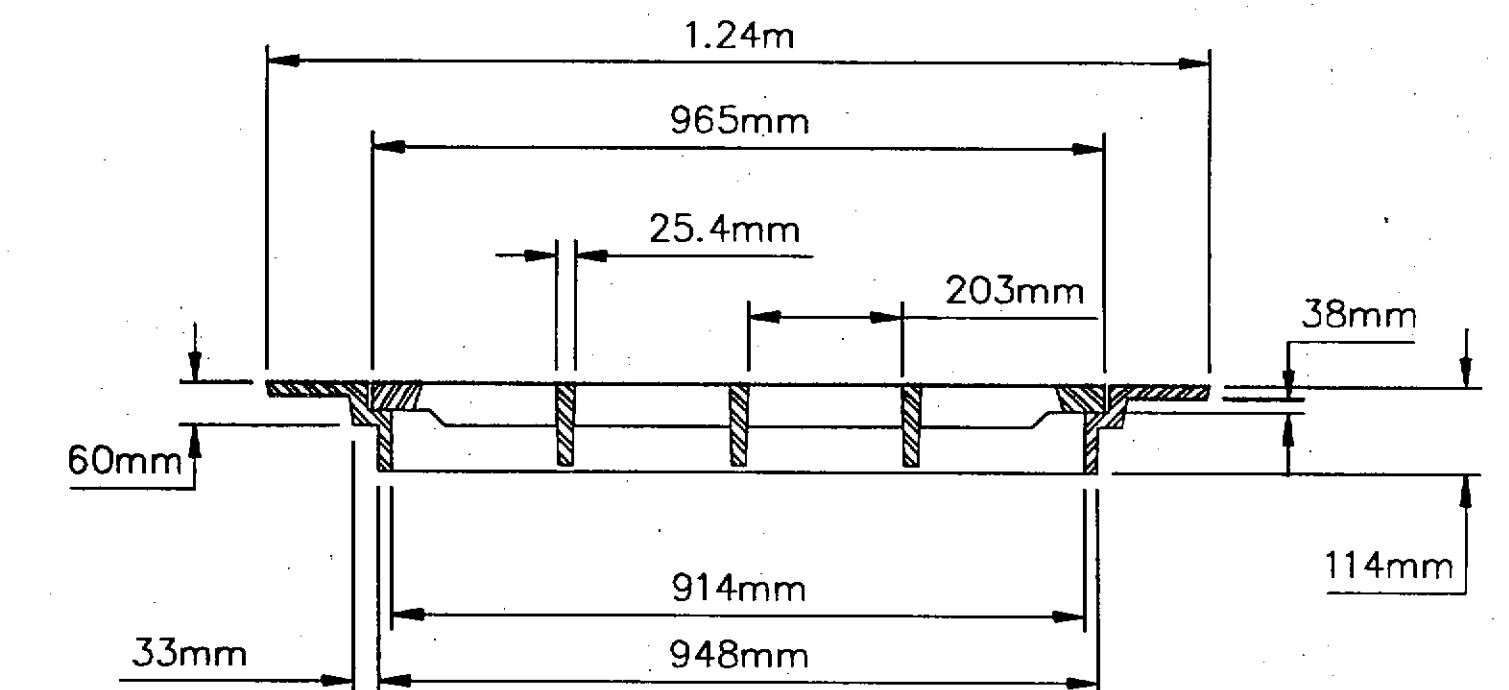


**Detail
Structure S-3**

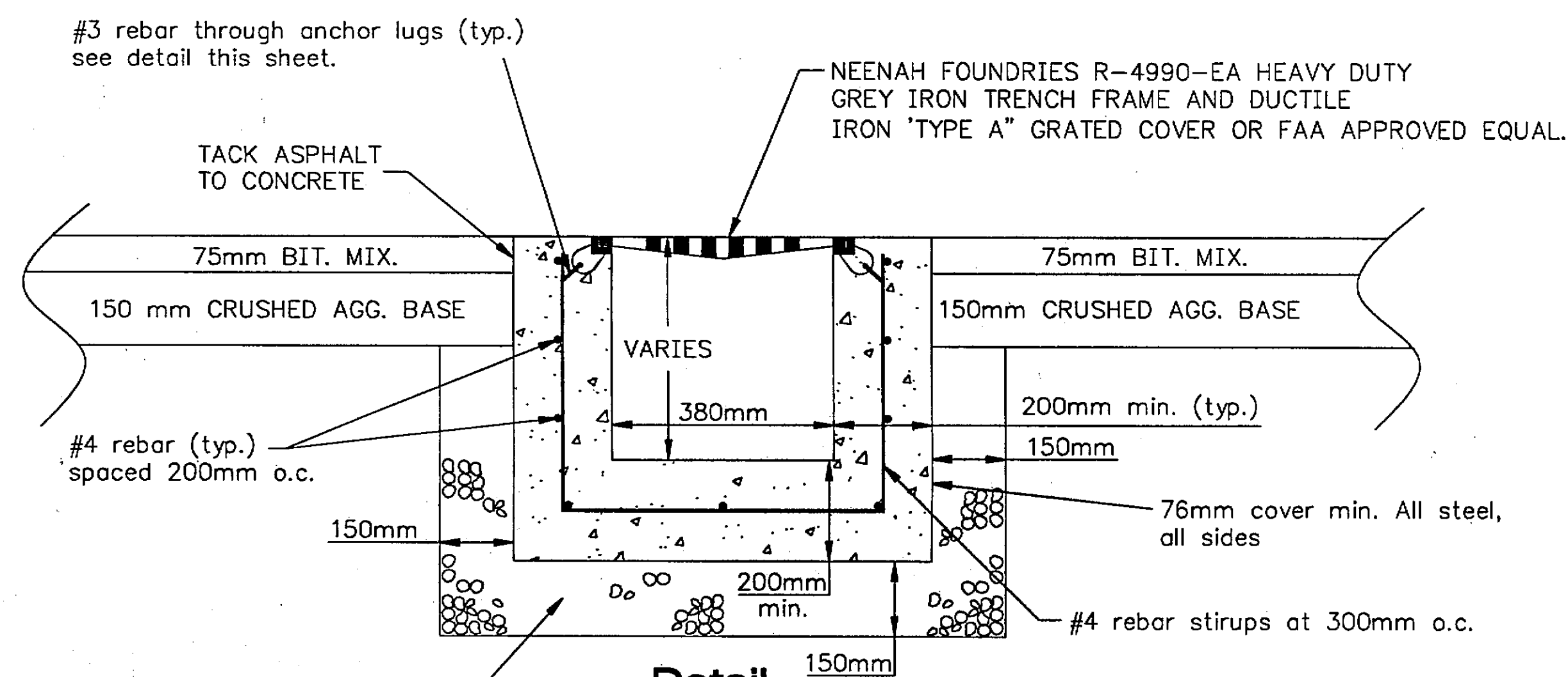
See Std. Dwg. D-35.02M for further details
on MH Type I



**Plan View
Structure S-3**

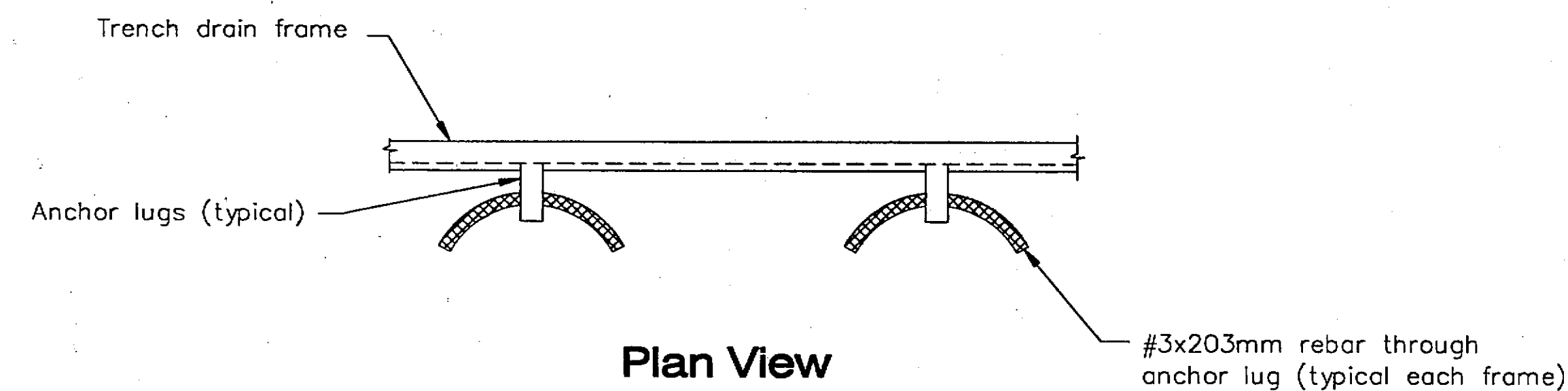


**Sideview
Airport Manhole Frame &
Ductile Iron Grate**

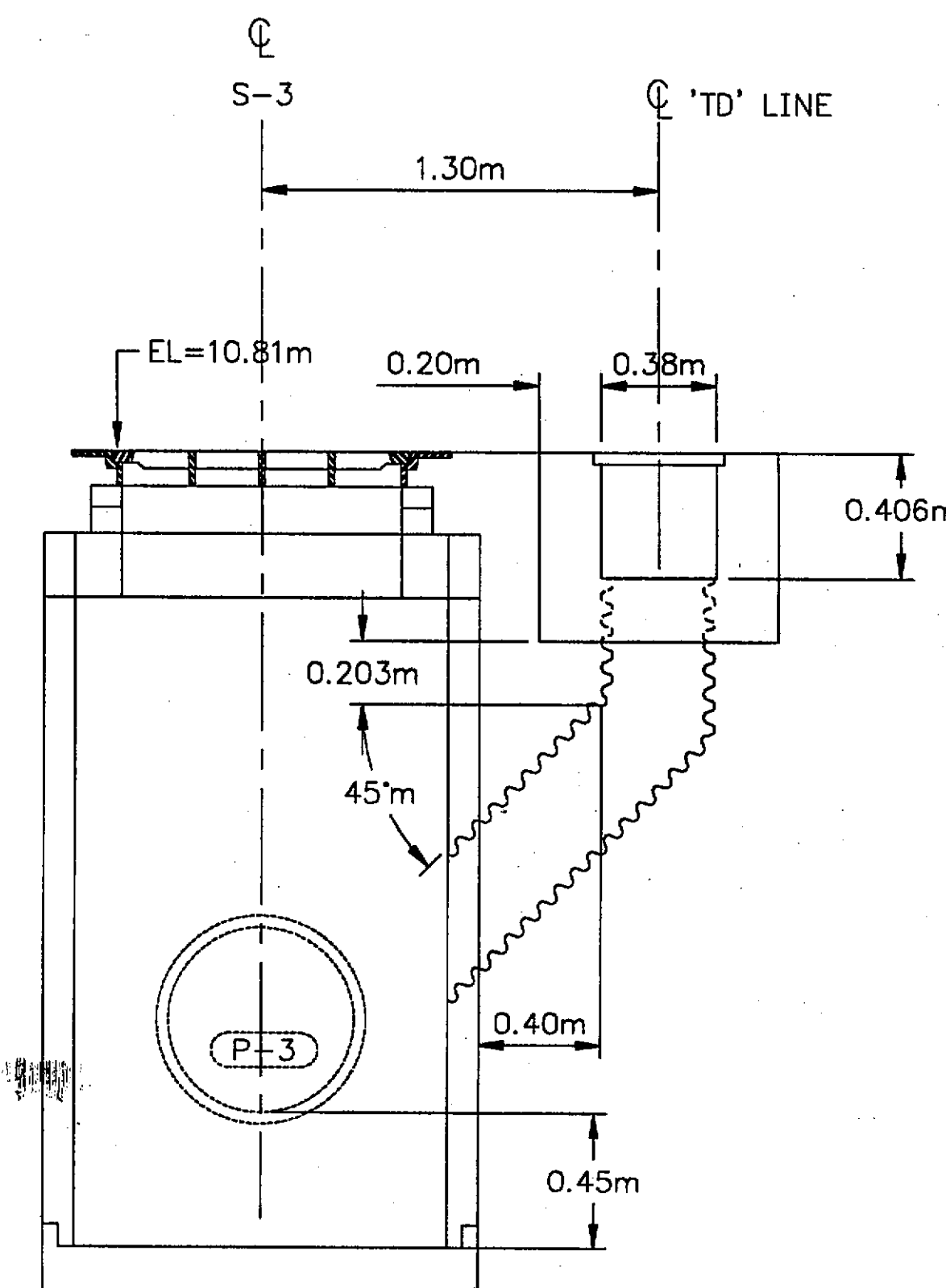


**Detail
Trench Drain**

NOT TO SCALE



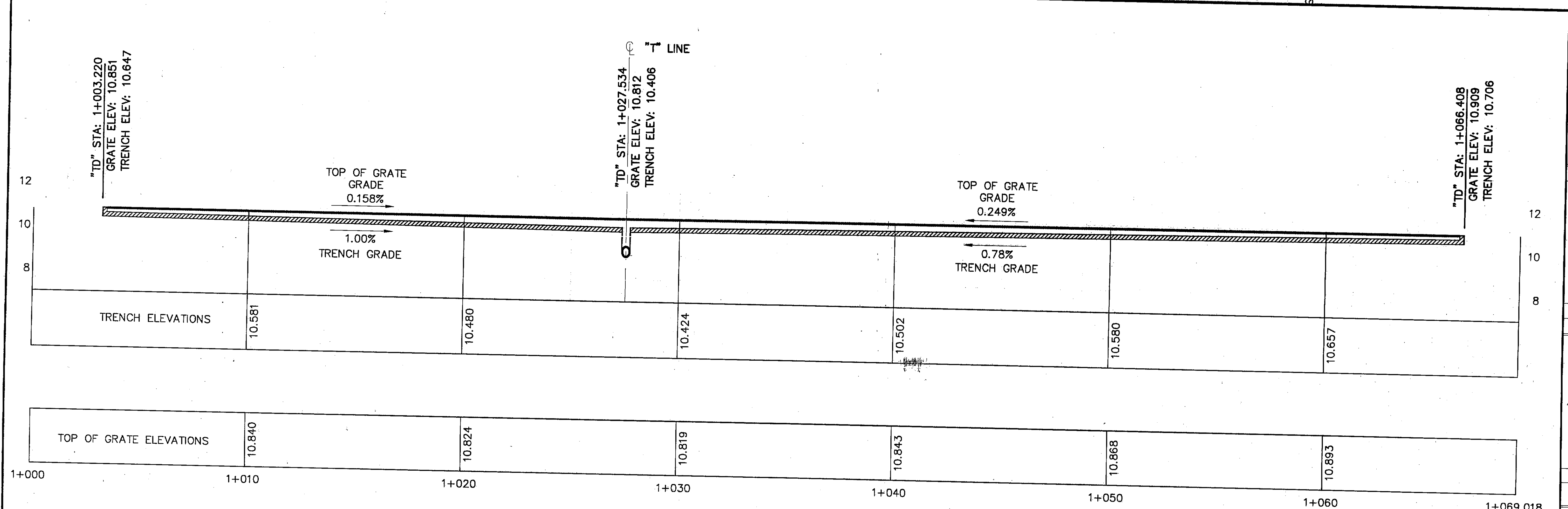
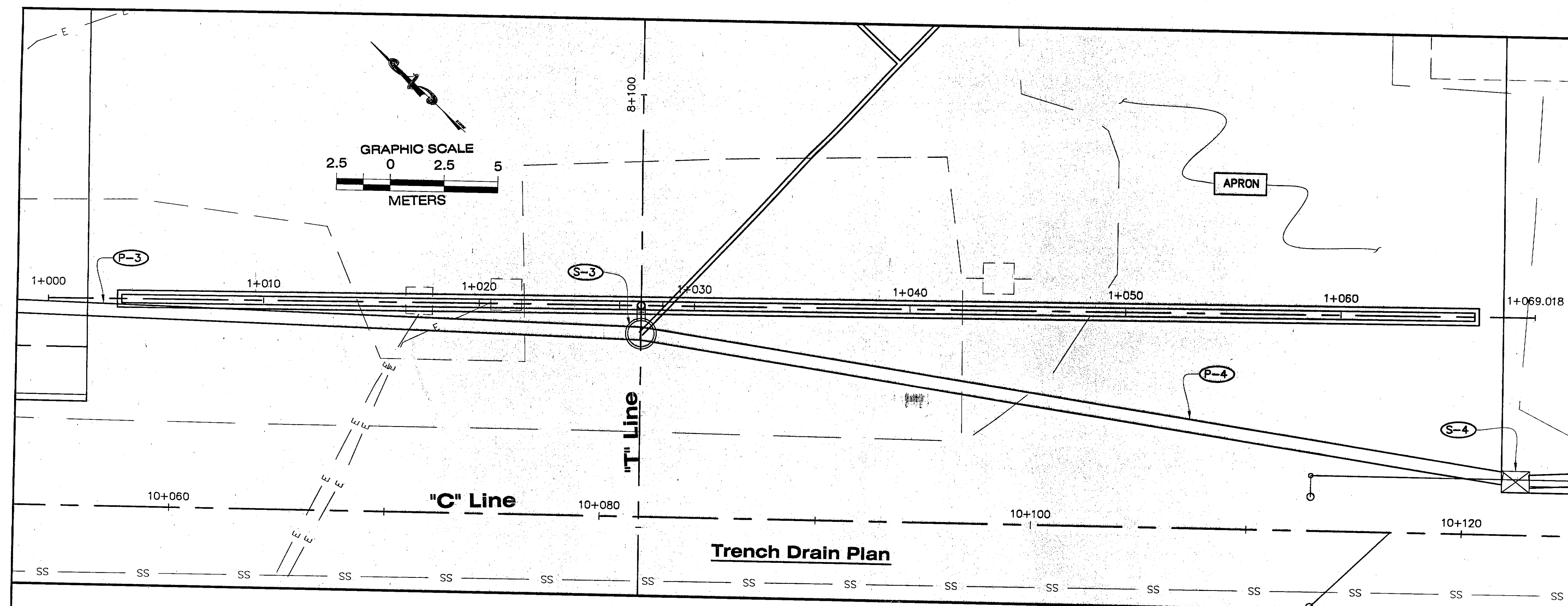
**Plan View
Anchor Lugs**



**Section View
Structure S-3 &
Trench Drain**

Project As-Built Drawings have been
reviewed by the Project Engineer and
represent to the best of my knowledge, the
project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

DESIGNED BY: R. KRAEMER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION			
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039			
		Drainage Details			
CHECKED BY: V. WINTERS DRAWN BY: R. SNYDER		PATH: Q:\Sit\68039\PlanSet\H_DrainDet.dwg Thu, 19/Jul/01 10:28AM Michael L			
PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED		TAB: SD-DETAILS			
REVISIONS		PROJECT DESIGNATION		YEAR	SHEET
NO.	DATE	DESCRIPTION			NO.
		AIP NO.			
		3-02-0268-1101		2001	H3
					527



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TAB: TRENCH-PLAN-PRO

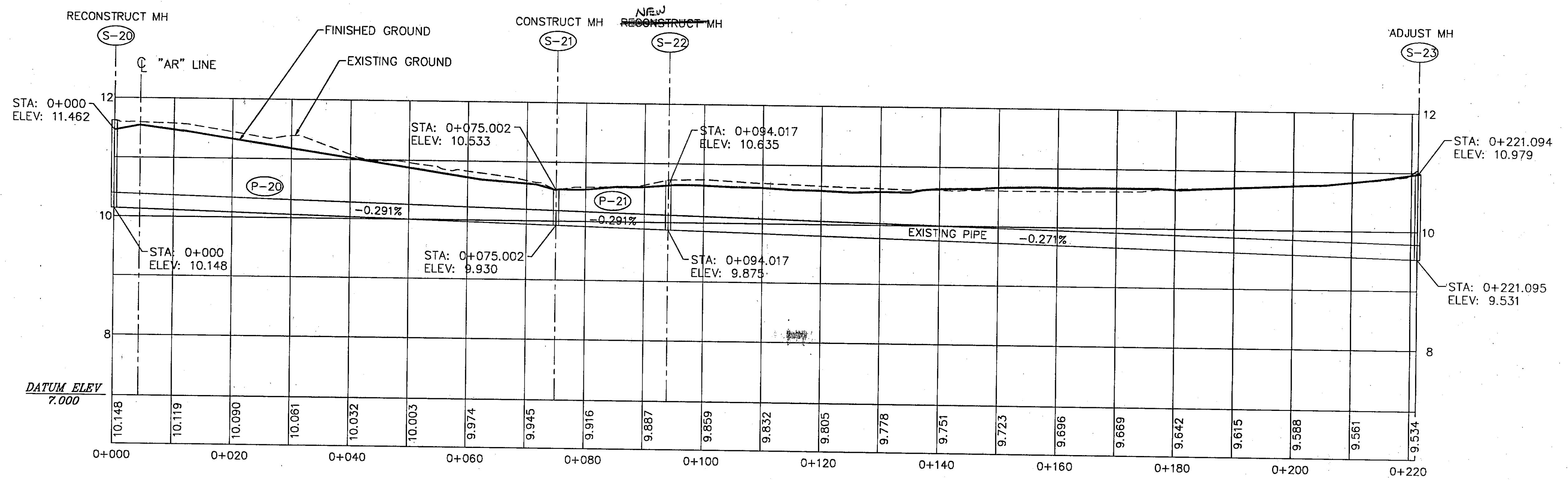
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Trench Drain Plan & Profile

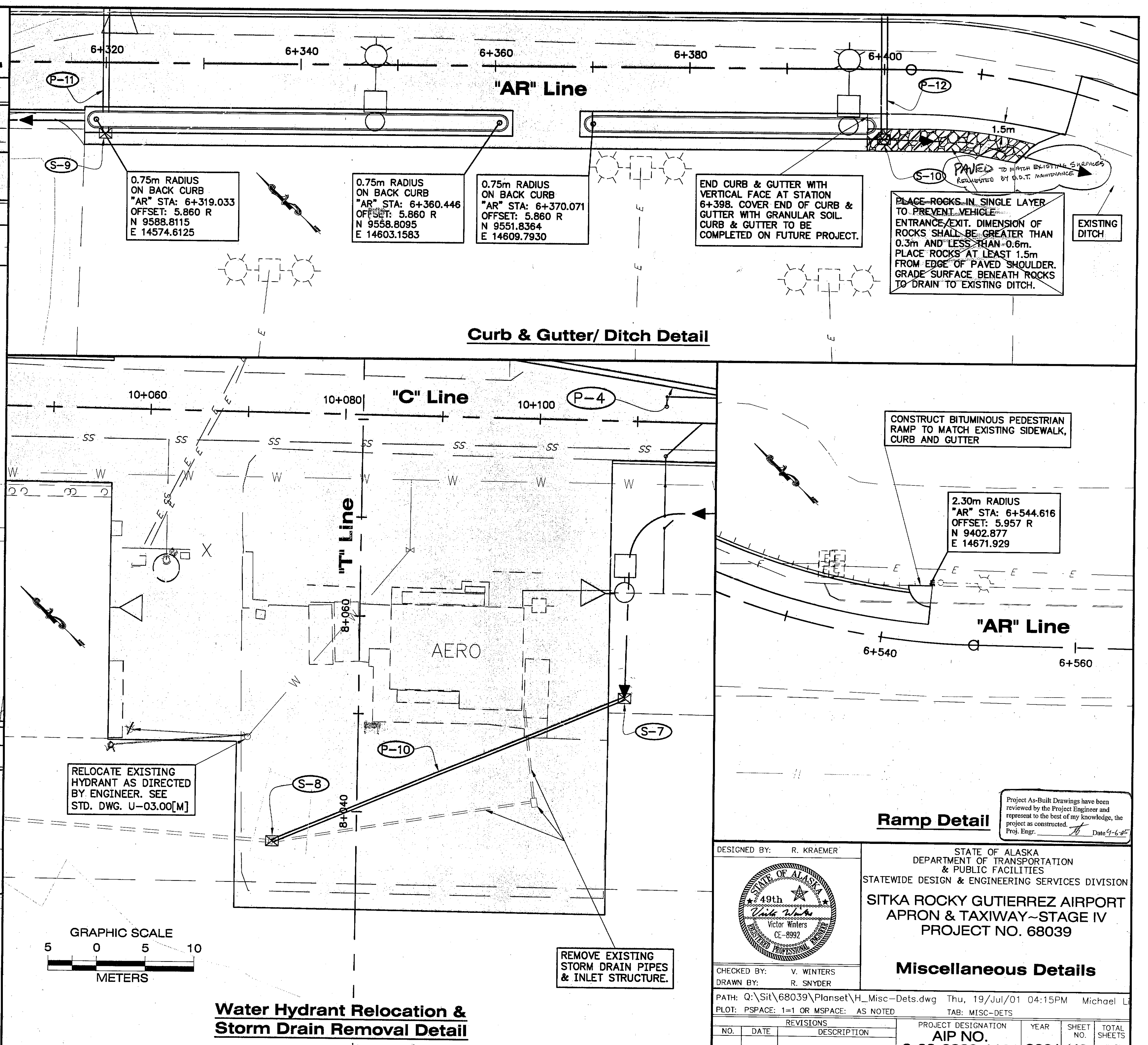
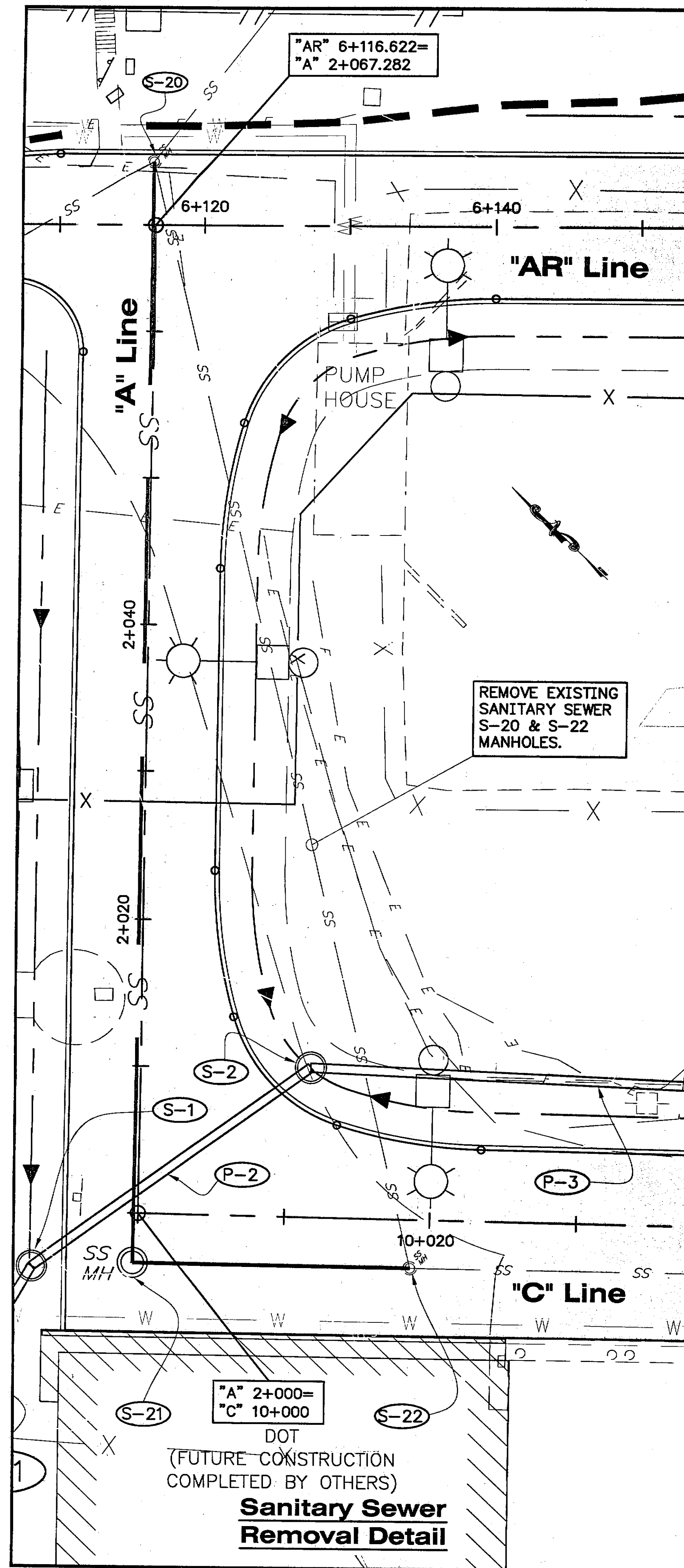
DESIGNED BY: R. KRAEMER	
CHECKED BY: V. WINTERS	DRAWN BY: R. SNYDER
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION	
SITKA ROCKY GUTIERREZ AIRPORT-APRON & TAXIWAY STAGE IV PROJECT NO. 68039	
Trench Drain Plan & Profile	
PROJECT DESIGNATION NUMBER	
AIP #3-02-0268-1101	
STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
H4	521

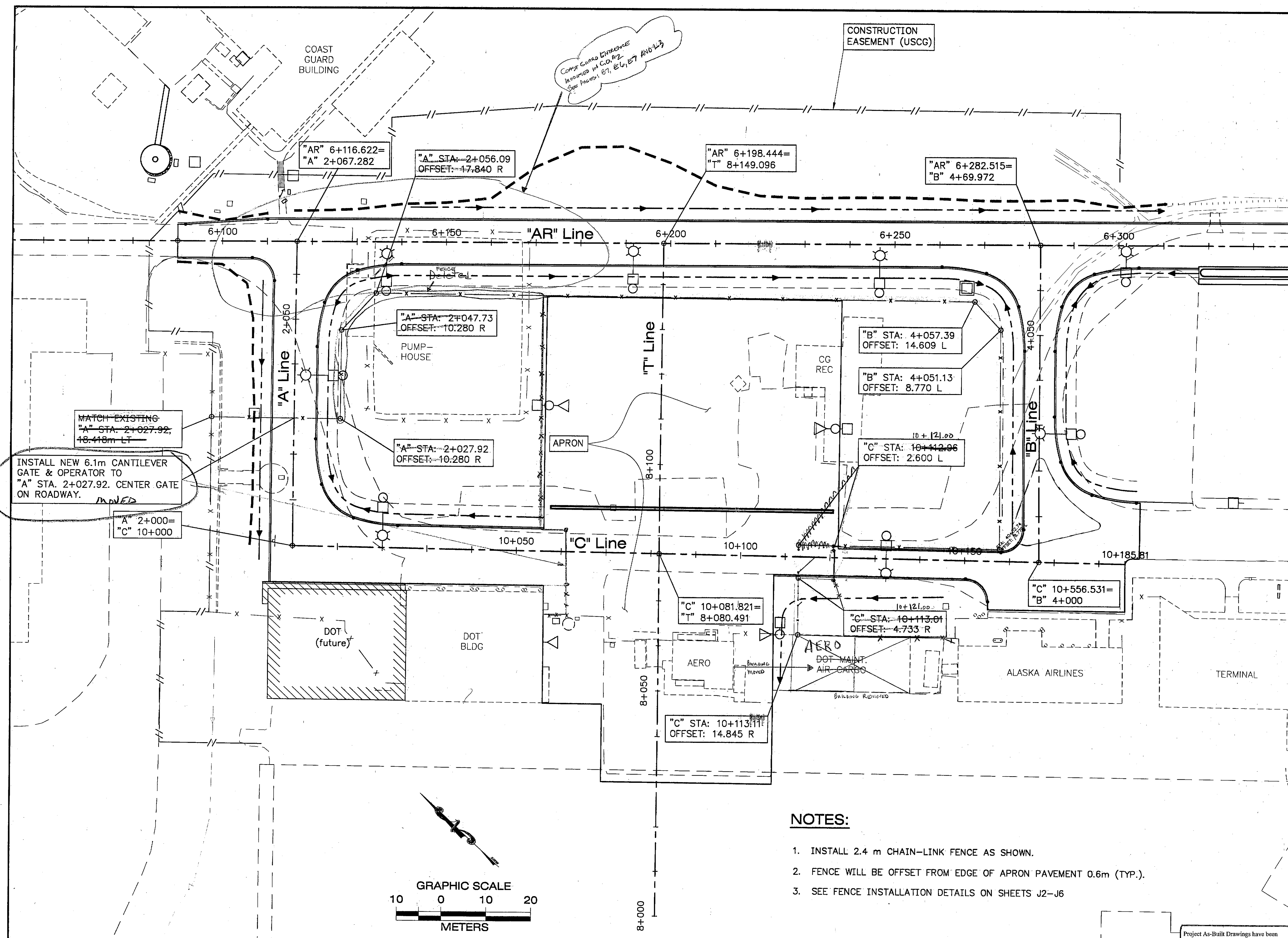
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. Date 4-6-05



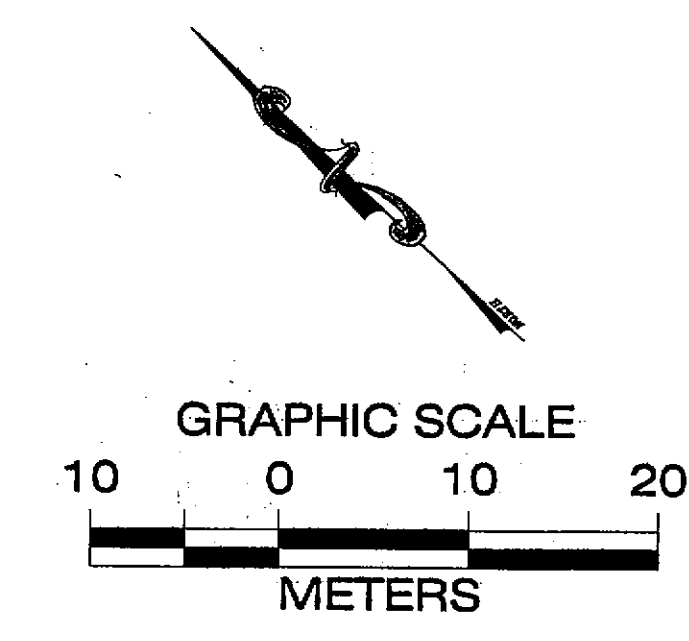
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Engr. *[Signature]* Date 4-6-06

DESIGNED BY: R. KRAEMER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION																		
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039																		
		Sanitary Sewer Profile																		
CHECKED BY: V. WINTERS DRAWN BY: R. SNYDER		PATH: Q:\Sit\68039\PlanSet\H_DrainDet.dwg Thu, 19/Jul/01 10:28AM Michael L PLOT: TAB: SS-PROFILE																		
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REVISIONS		PROJECT DESIGNATION AIP NO.	YEAR					SHEET NO.	TOTAL SHEETS											
NO.	DATE																			





- NOTES:**
1. INSTALL 2.4 m CHAIN-LINK FENCE AS SHOWN.
 2. FENCE WILL BE OFFSET FROM EDGE OF APRON PAVEMENT 0.6m (TYP.).
 3. SEE FENCE INSTALLATION DETAILS ON SHEETS J2-J6



Fence Layout Plan

PATH:
Q:\SIT\68039\PlanSet\J_FencePlan.dwg
Thu, 19/Jul/01 04:16PM Michael Limboug
PLOT:
PSPACE 1=1(F) OR MSPACE 1=1(F)
TAB: FENCE PLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

DESIGNED BY: R. KRAEMER

CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

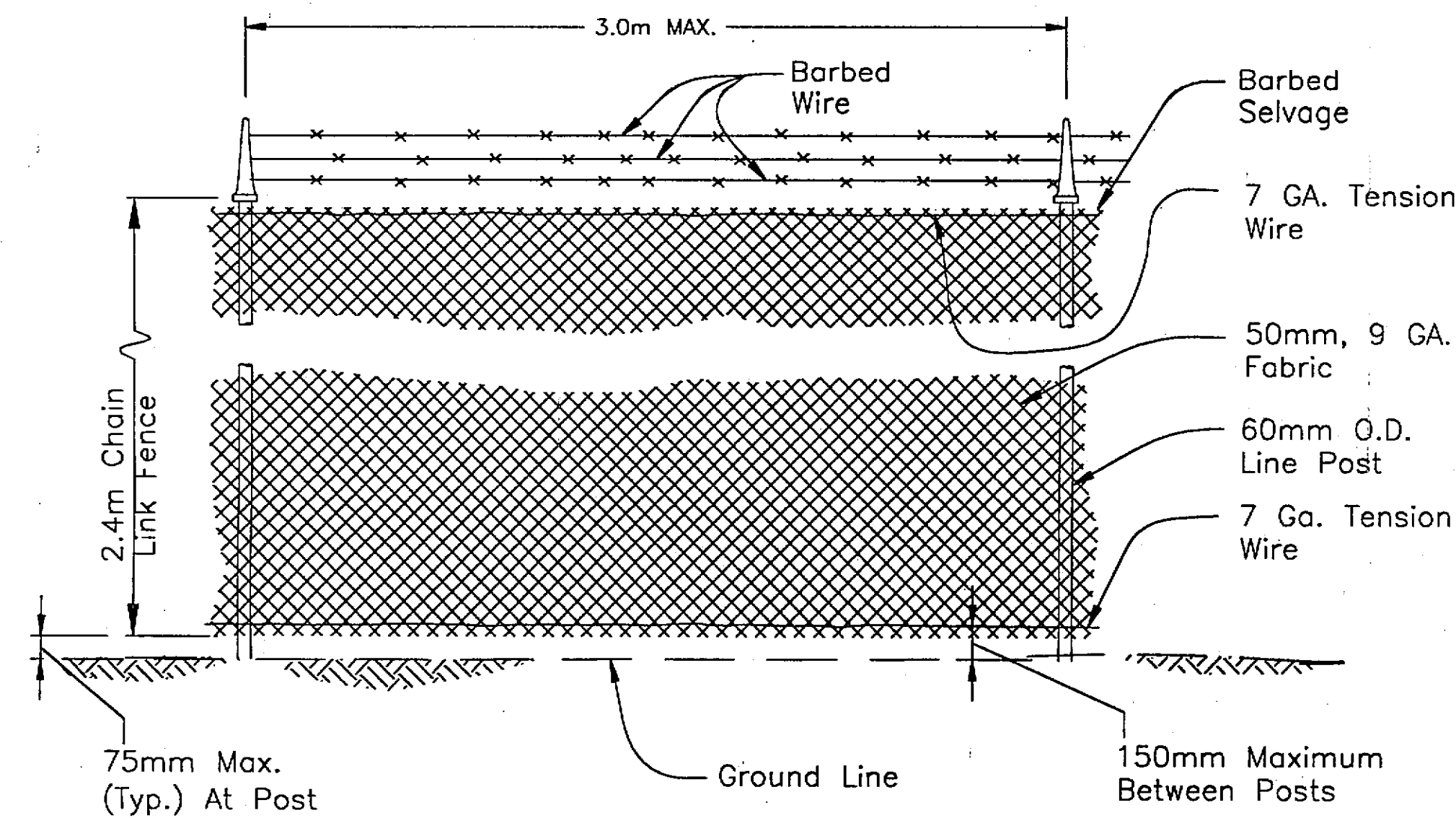
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION
SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
**Fence Layout
Plan**

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

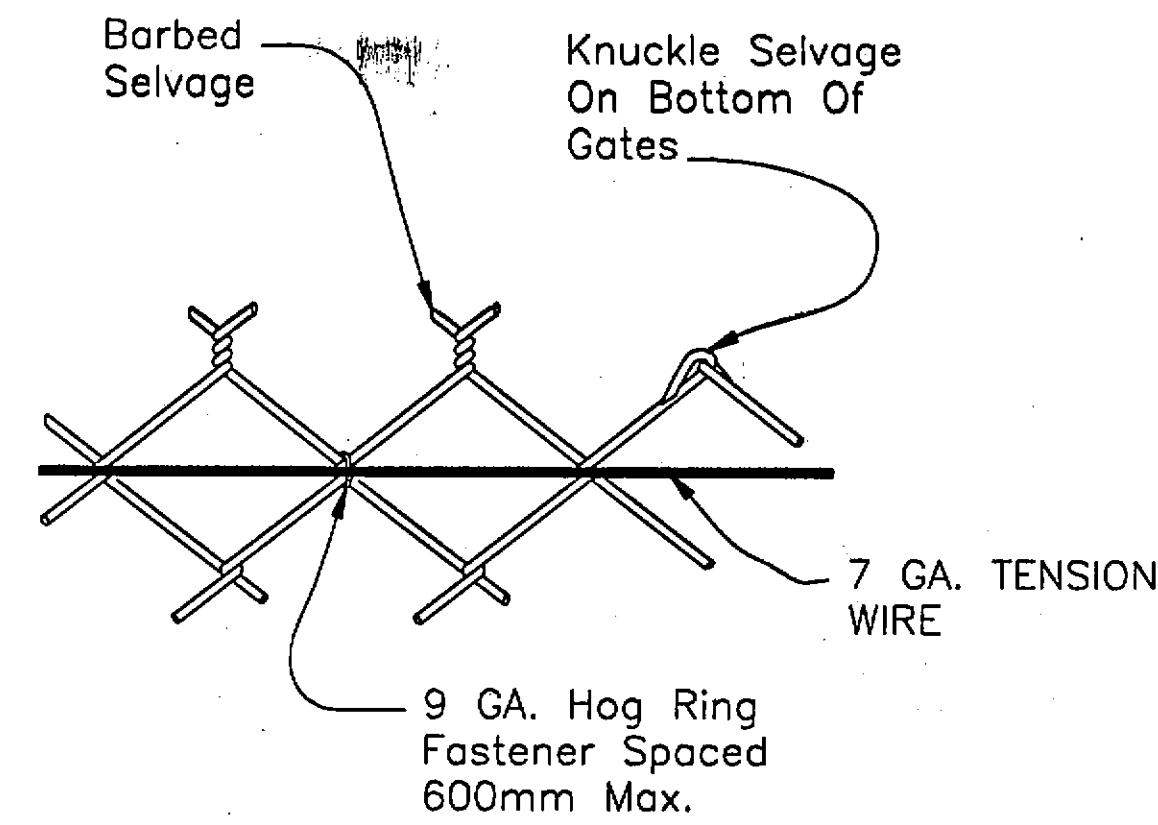
STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
J1	57

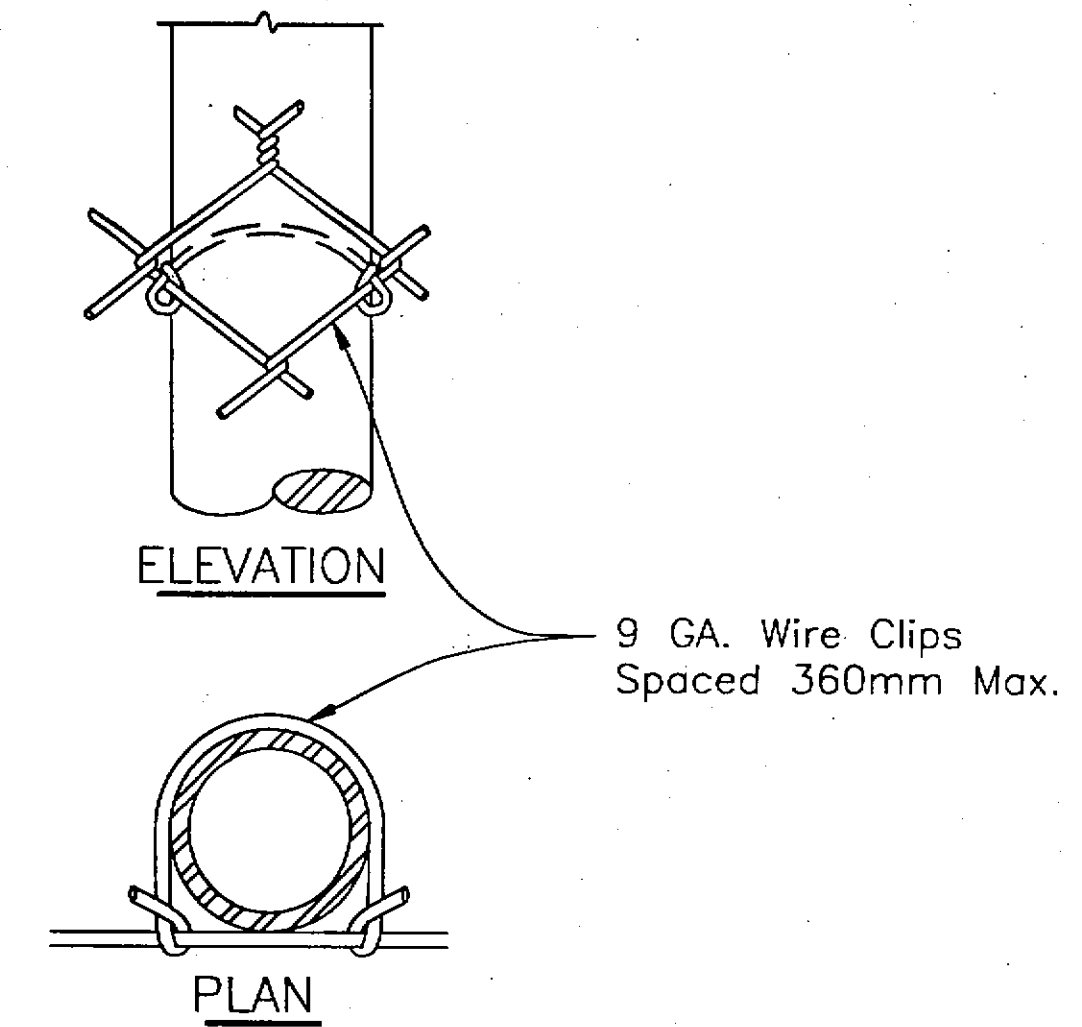
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. Date 2-8-07



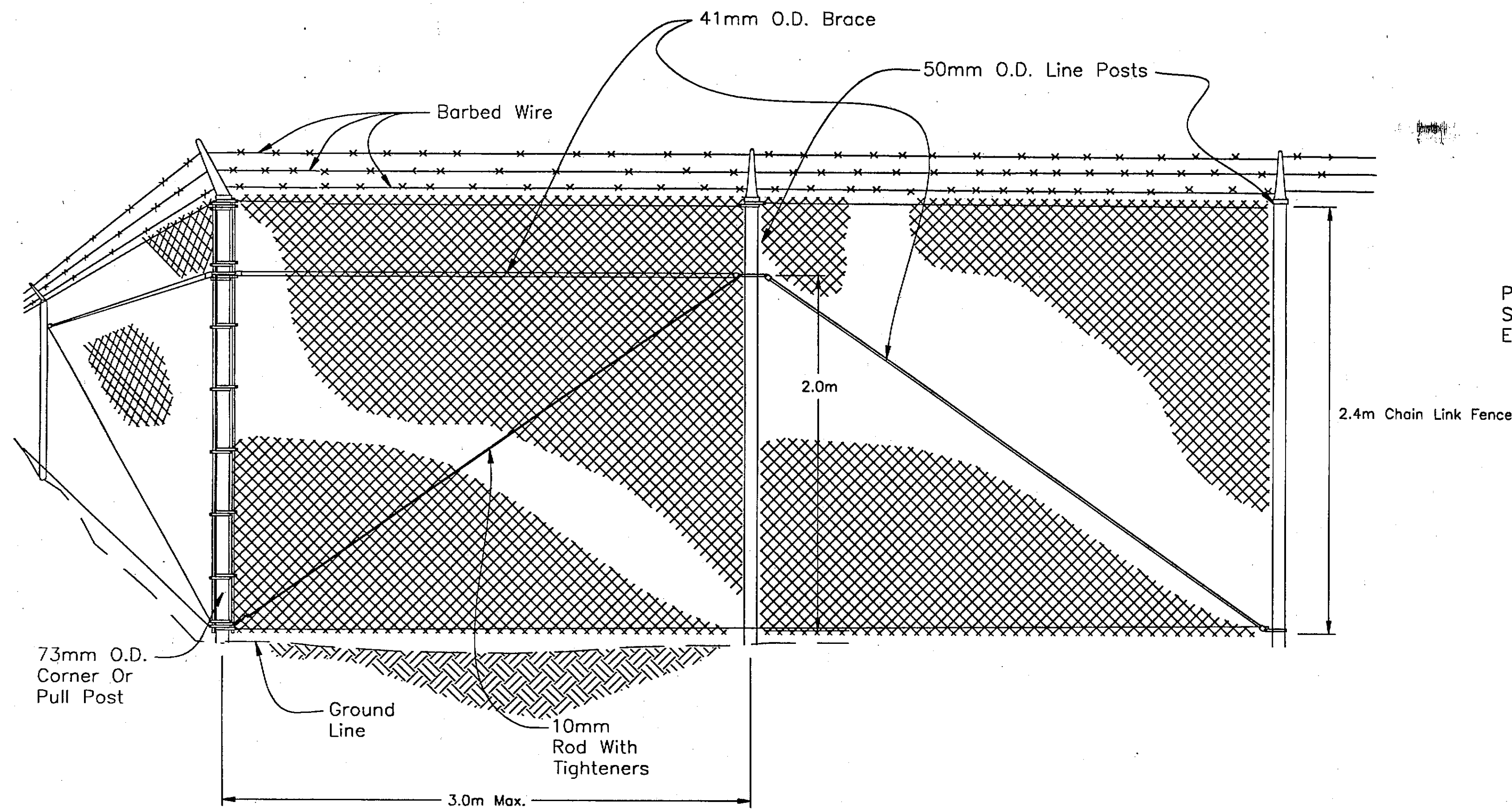
Typical Fence Elevation Detail



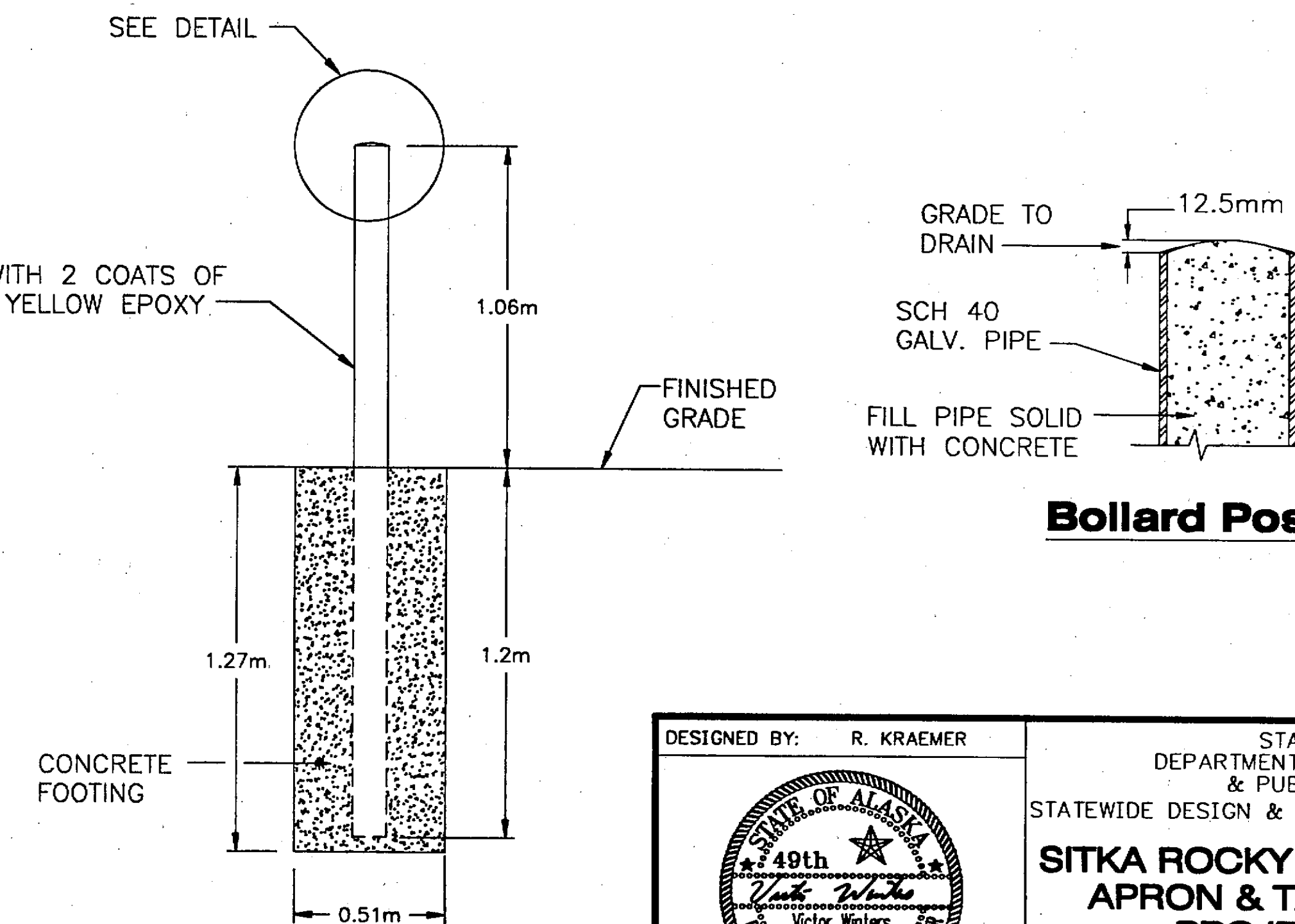
Typical Connection Fabric to Tension Wire Detail



Typical Connection Fabric to Line Posts Detail



Typical Corner Terminal & Pull Post Detail

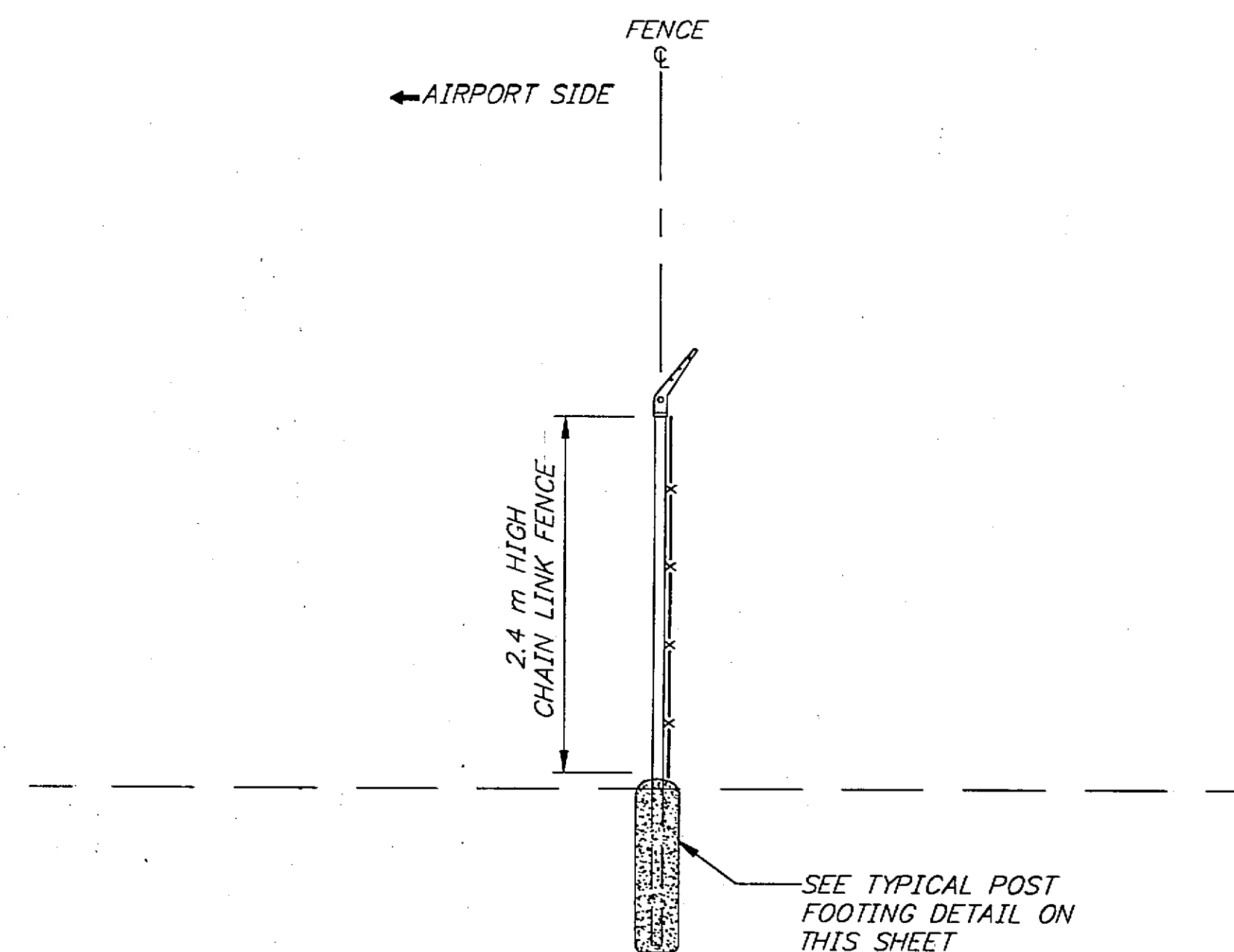


Bollard Post Section

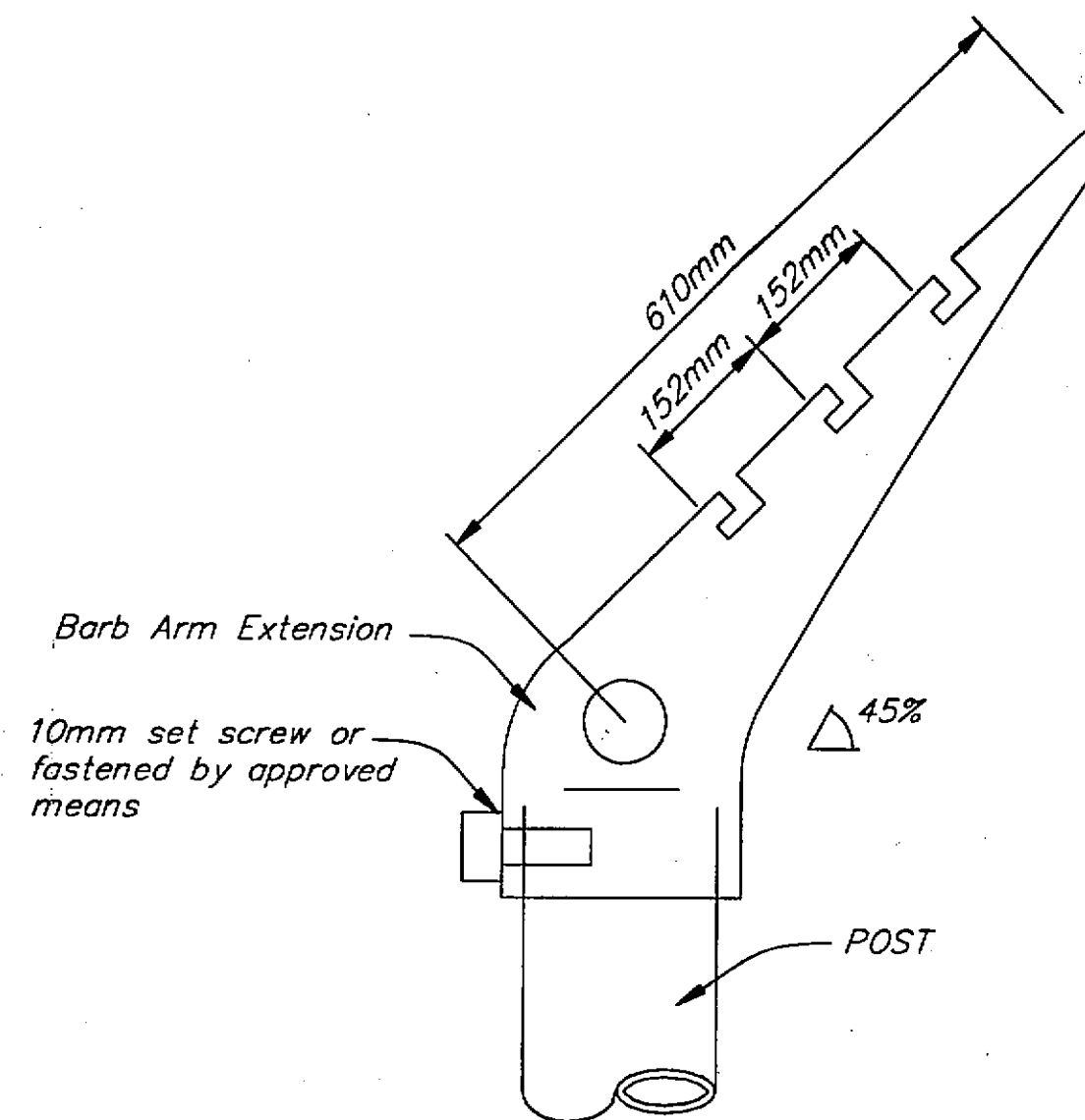
Bollard Post Detail

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date: 6-05

DESIGNED BY: R. KRAEMER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION			
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039			
CHECKED BY: V. WINTERS DRAWN BY: C.A./R.S.		Fence Details			
PATH: Q:\Sit\68039\PlanSet\J_FenceDets.dwg Thu, 19/Jul/01 10:30AM Michael L		PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: DET2			
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DESCRIPTION		AIP NO.			
		3-02-0268-1101		2001	J2
					527

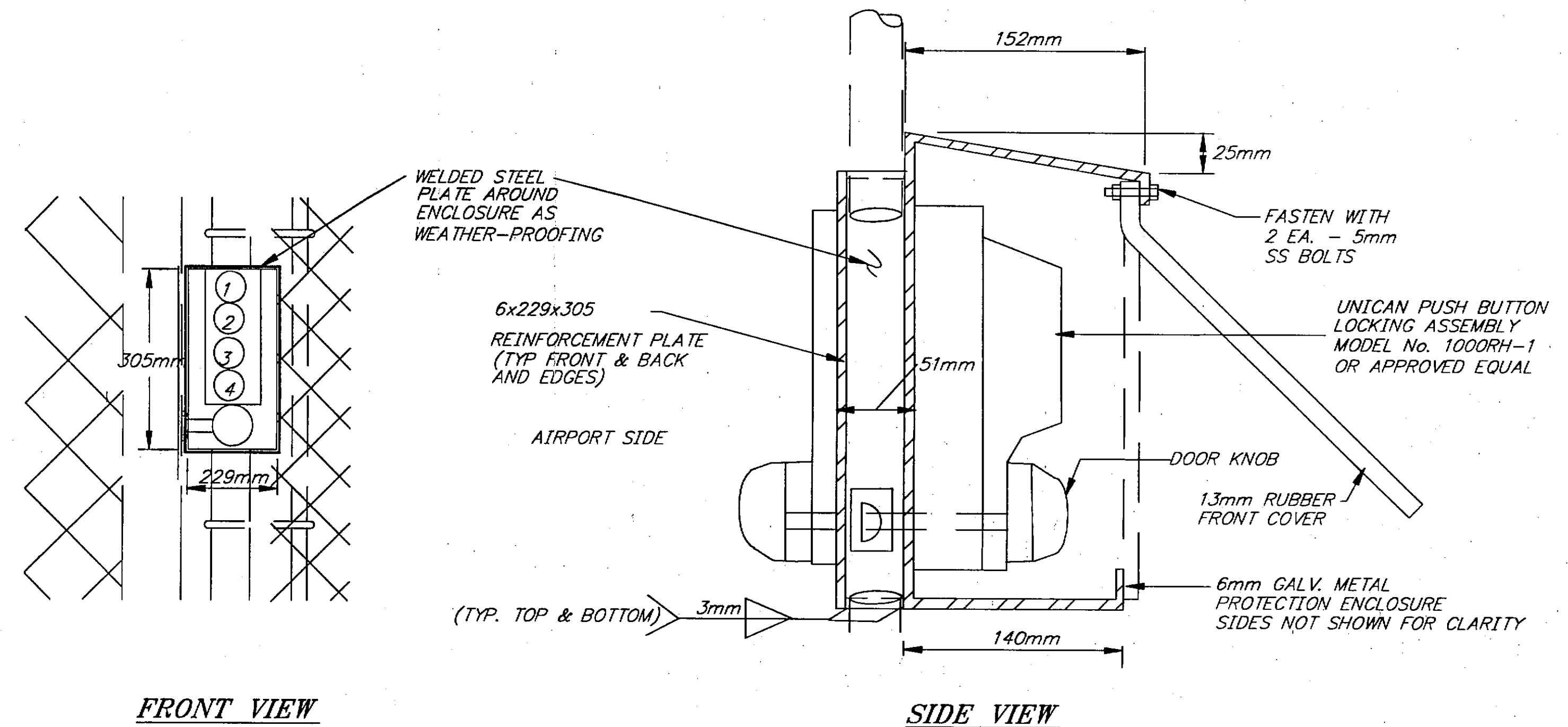


Typical Fence Section



Typical Eye-Top Barb-Top Extension

Note:
Typical Top For All Line And Pull Posts.

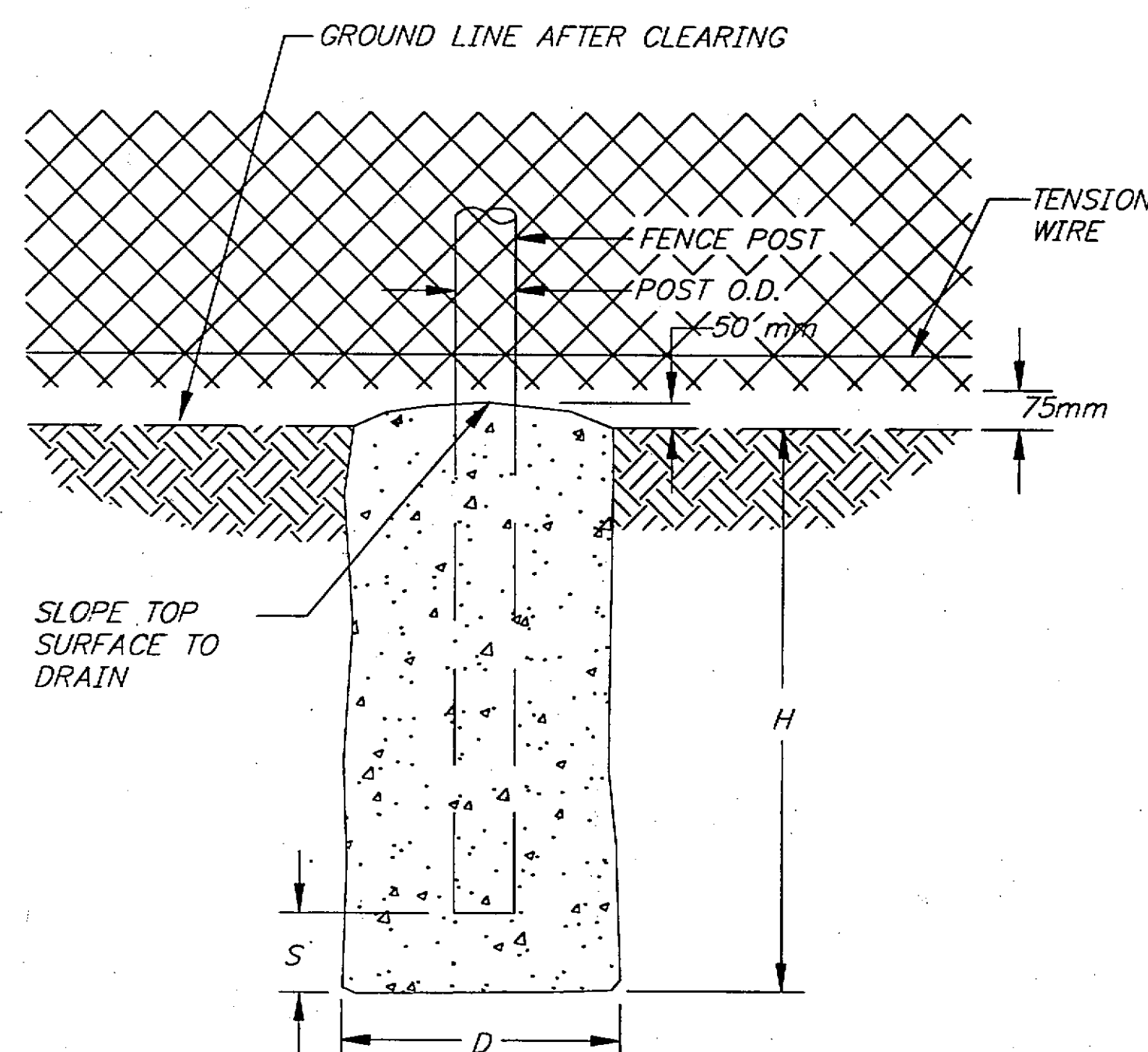


Push Button Locking Assembly Detail

(SEE SHEET 11 FOR LOCATION)

NOTES:

- PUSH BUTTON LOCKING ASSEMBLY SHALL BE INSTALLED ON PEDESTRIAN GATE ON SHEET J7.
- PUSH BUTTON LOCKING ASSEMBLY AND ASSOCIATED HARDWARE SHALL BE CONSIDERED INCIDENTAL TO ITEM F162f.



Typical Post Footing Detail

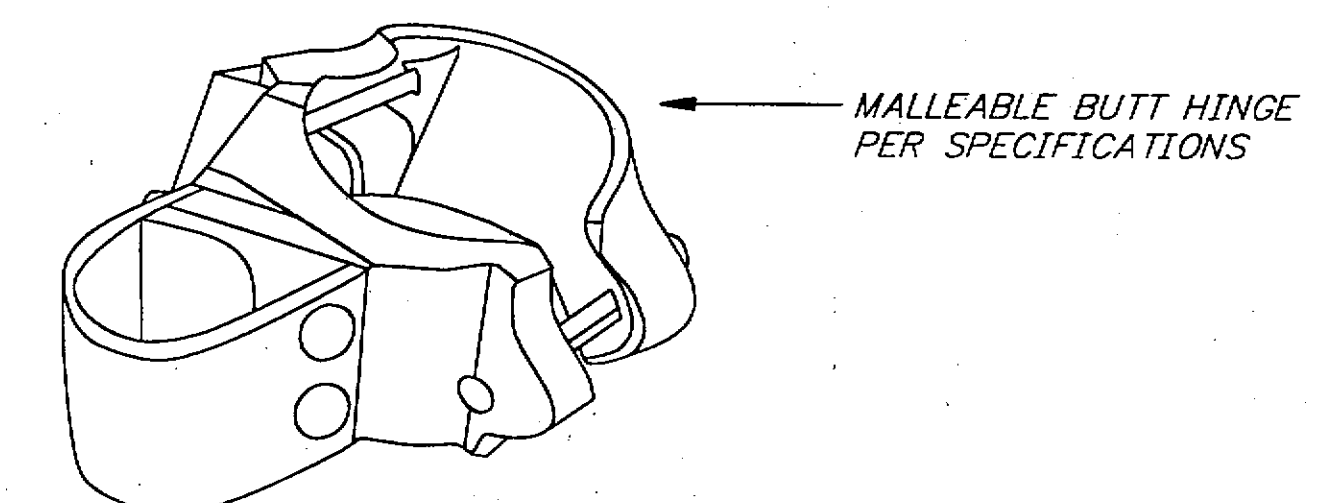
FOOTING DIMENSIONS			
POST (O.D.)	D	H *	S
60 mm	305 mm	965 mm	150 mm
73 mm	510 mm	965 mm	150 mm
102 mm	510 mm	1200 mm	150 mm
168 mm	510 mm	1525 mm	150 mm

* MINIMUM DIMENSION

POST SIZE SUMMARY			
GATE POST (O.D.)	LINE POST (O.D.)	PULL POST, CORNER POST (O.D.)	PEDESTRIAN GATE POST (O.D.)
168 mm	60 mm	73 mm	102 mm

Fence Notes:

- FOOTINGS SHALL BEAR ON MINERAL SOILS OR ON BEDROCK.
- ALL CONCRETE SHALL BE AIR ENTRAINED AND CONFORM TO SECTION P-610.

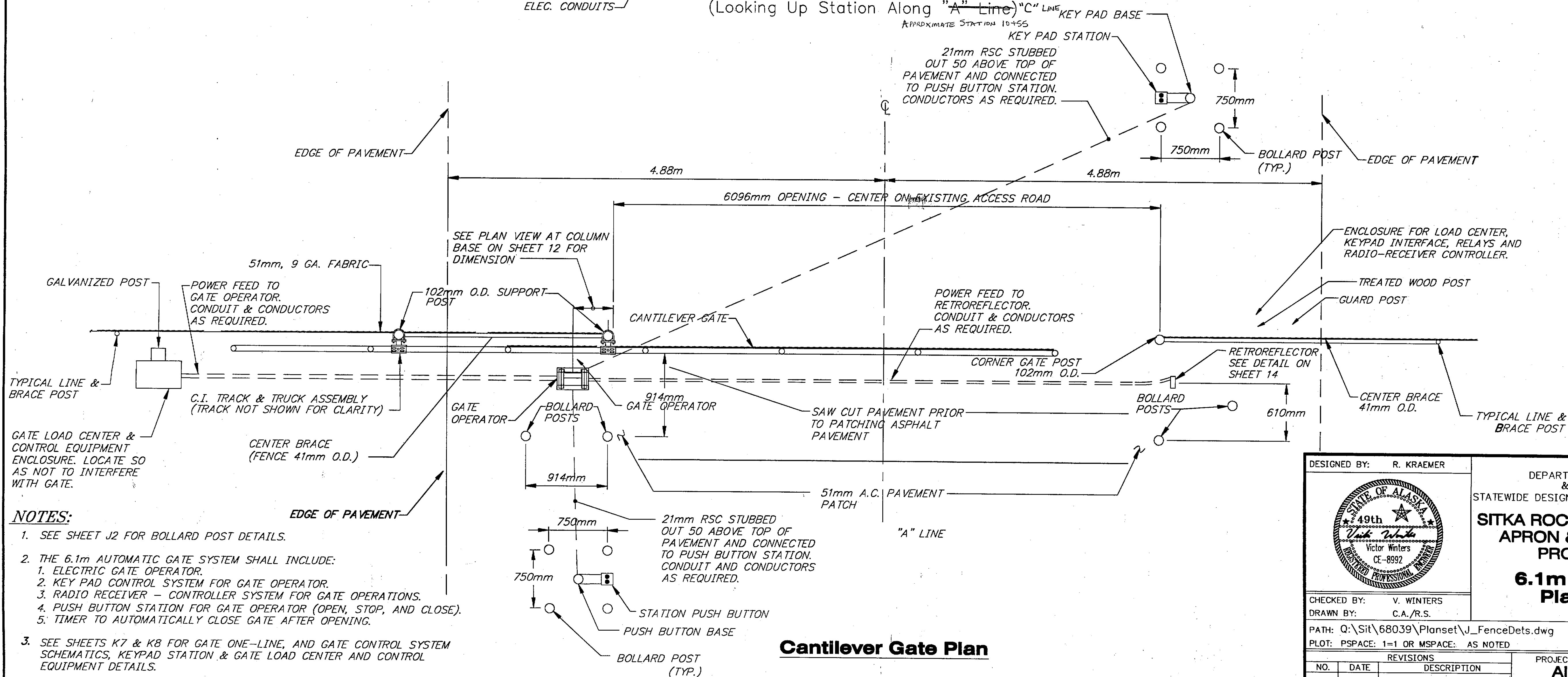
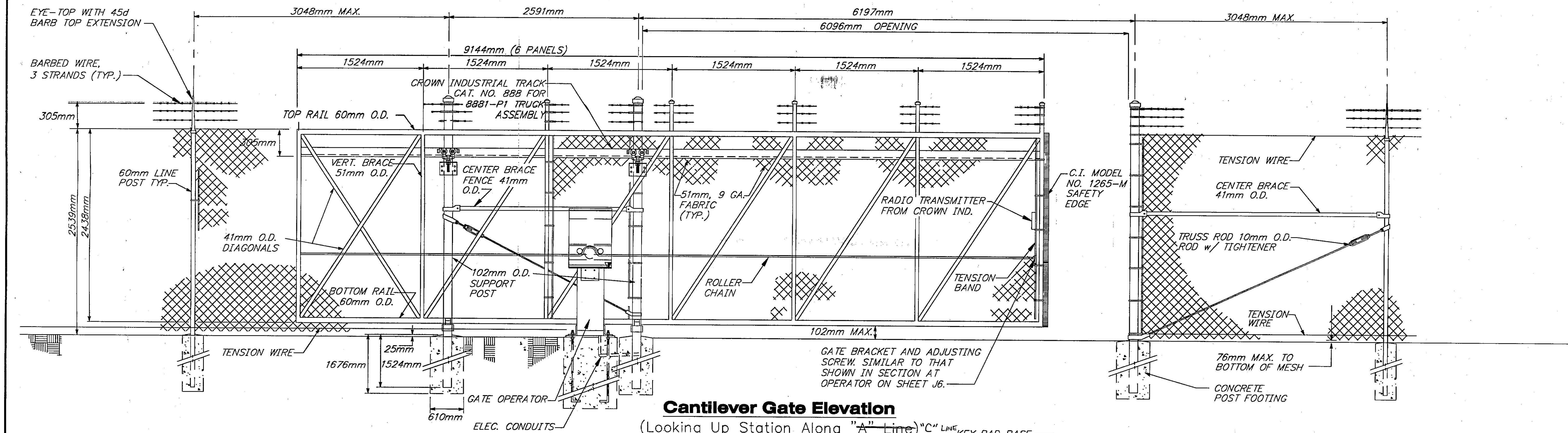


Malleable Butt Hinge Detail

USED ON PEDESTRIAN GATE
(2 REQUIRED)

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

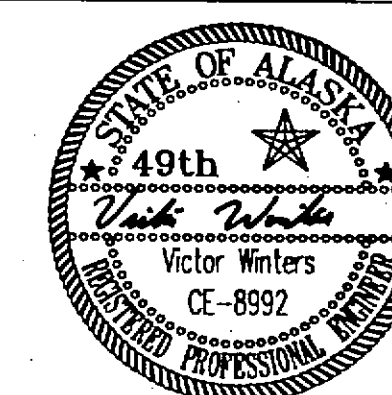
DESIGNED BY: R. KRAEMER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION			
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039			
		Fence Details			
CHECKED BY: V. WINTERS DRAWN BY: C.A./R.S.		PATH: Q:\Sit\68039\PlanSet\J_FenceDets.dwg Thu, 19/Jul/01 10:30AM Michael L PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: DET3			
NO. DATE DESCRIPTION		PROJECT DESIGNATION AIP NO. 3-02-0268-1101			
		YEAR 2001			
		SHEET NO. J3			
		TOTAL SHEETS 52			



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng. *[Signature]* Date *2-8-07*

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: C.A./R.S.

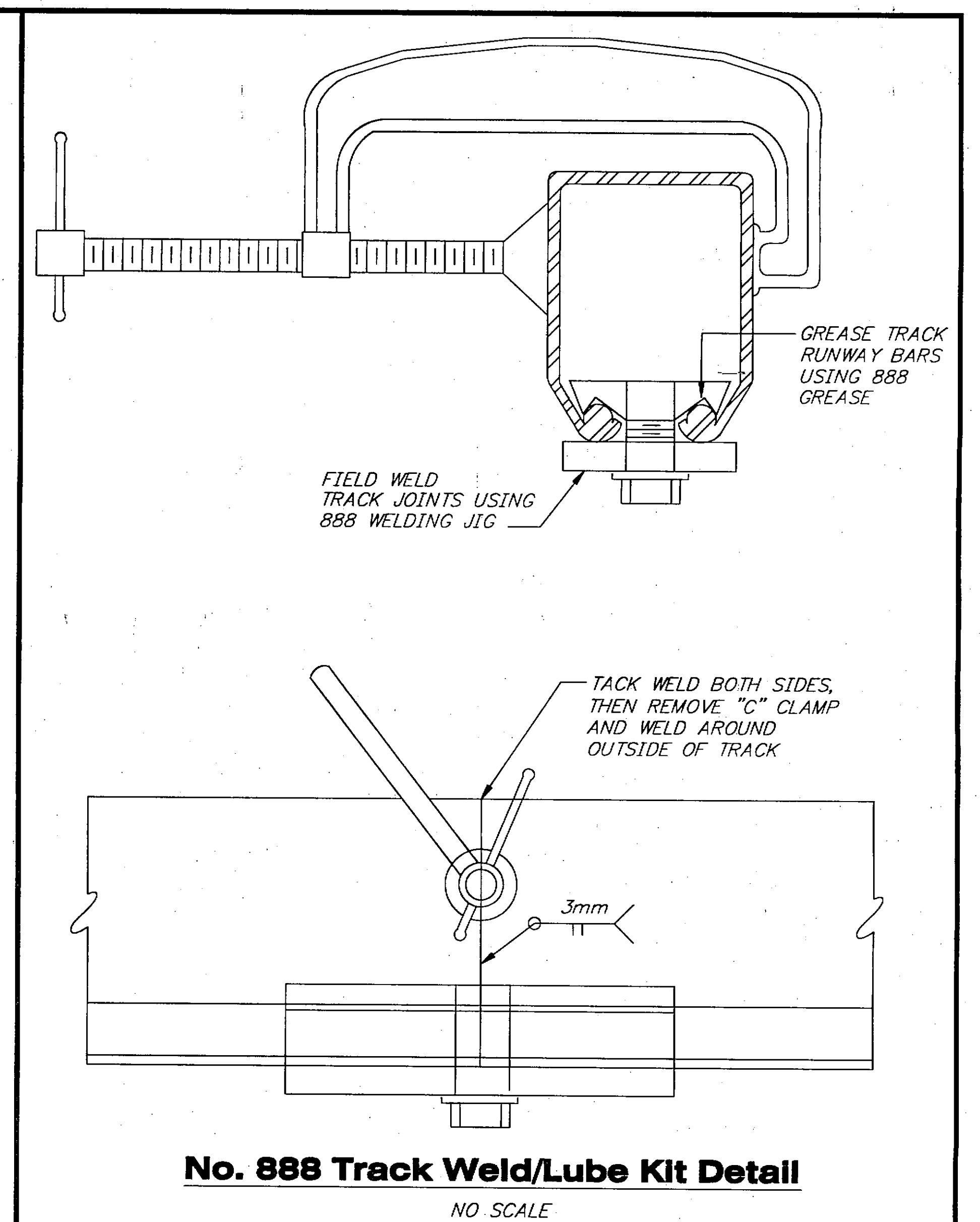
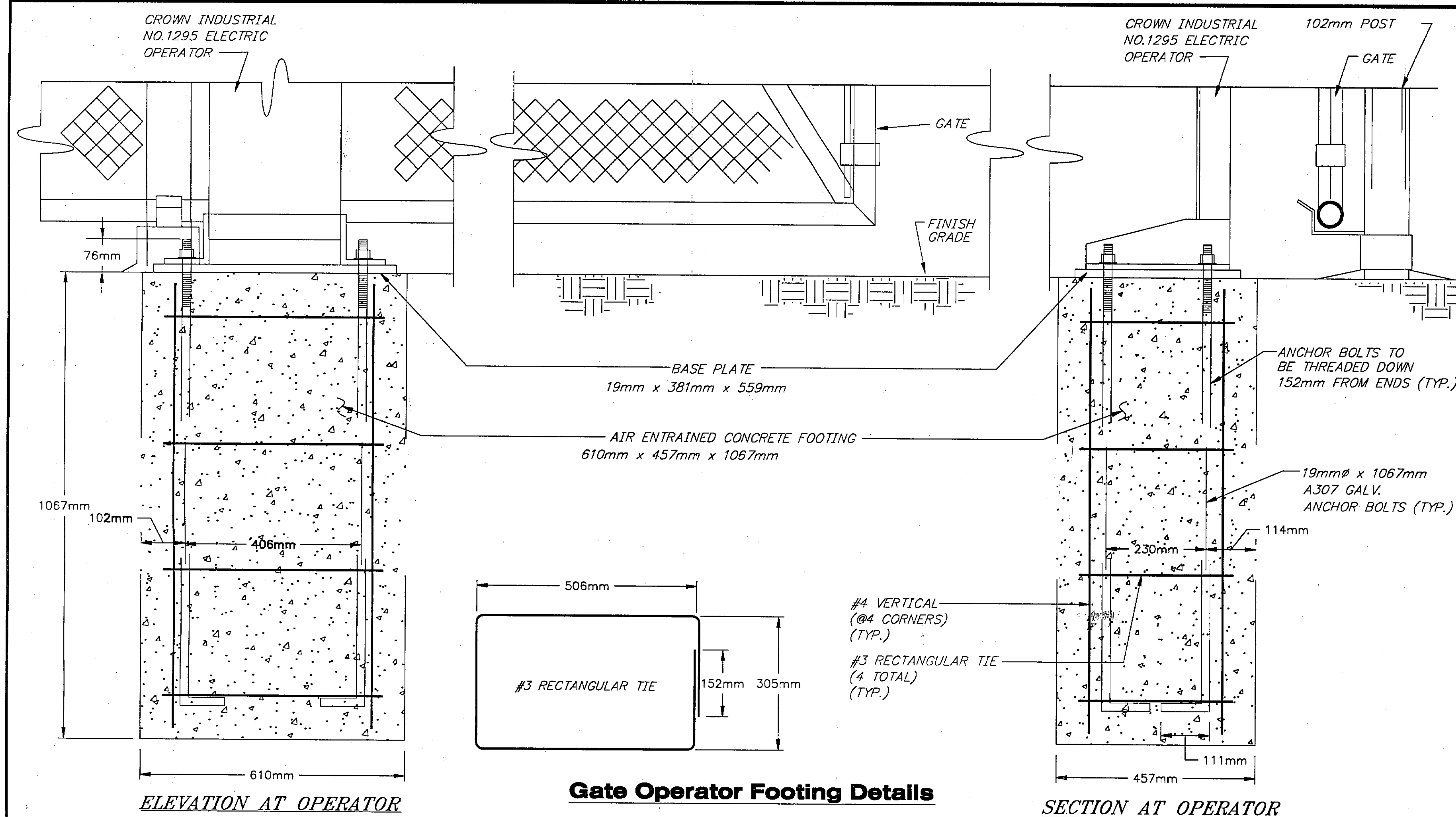
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PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: DET4

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

**SITKA ROCKY GUTIERREZ AIRPORT
APRON & TAXIWAY~STAGE IV
PROJECT NO. 68039**

6.1m Cantilever Gate Plan & Elevation

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	AIP NO.			
			3-02-0268-1101	2001	J4	521

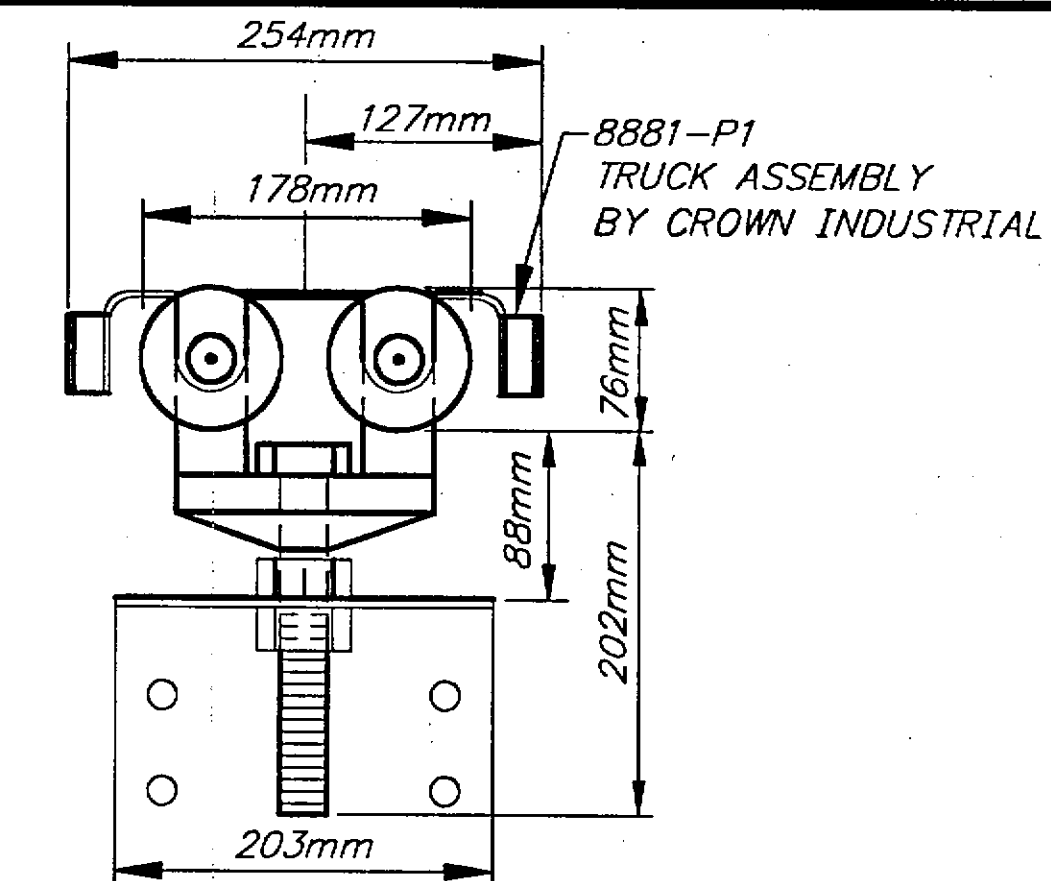
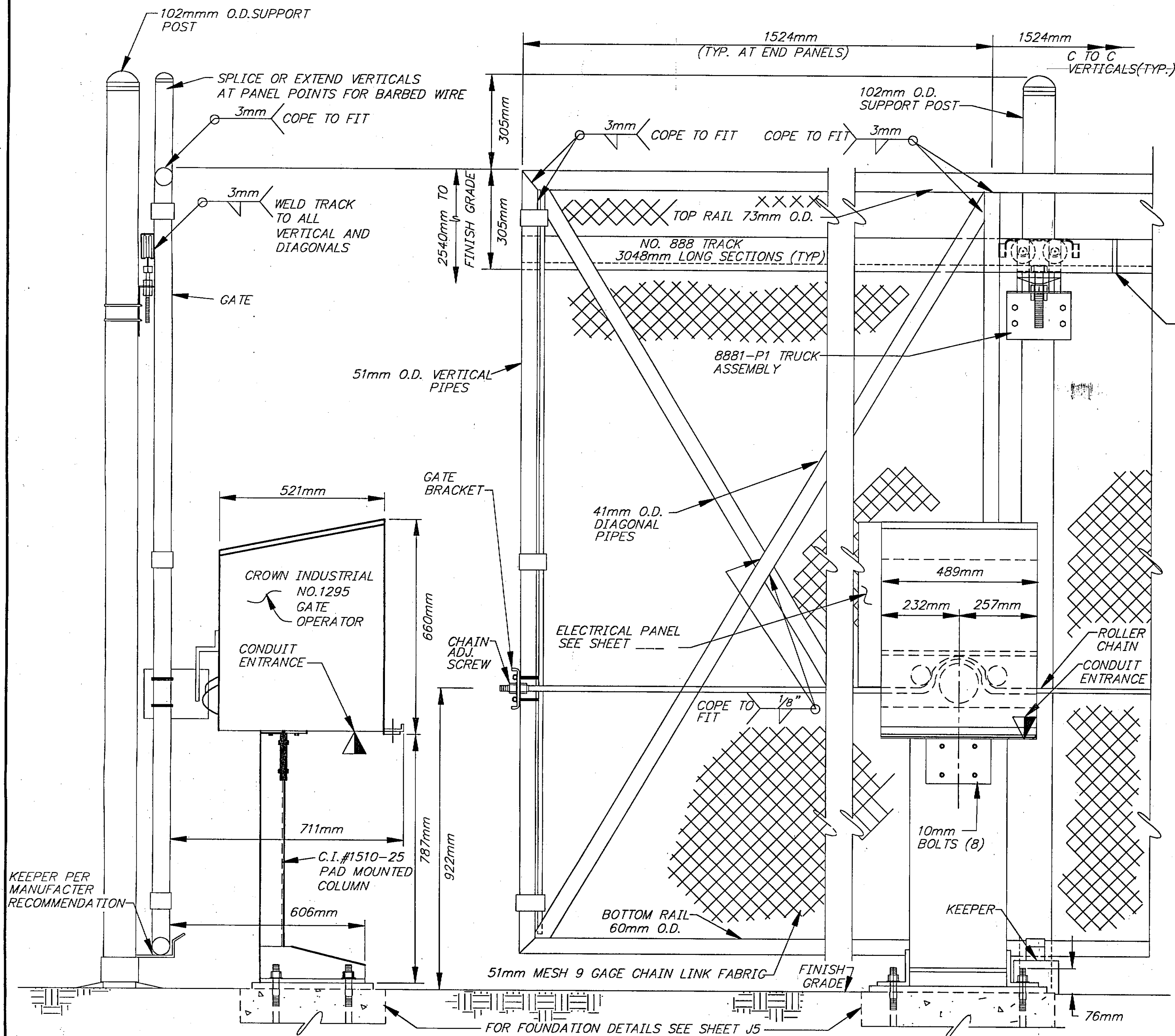


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

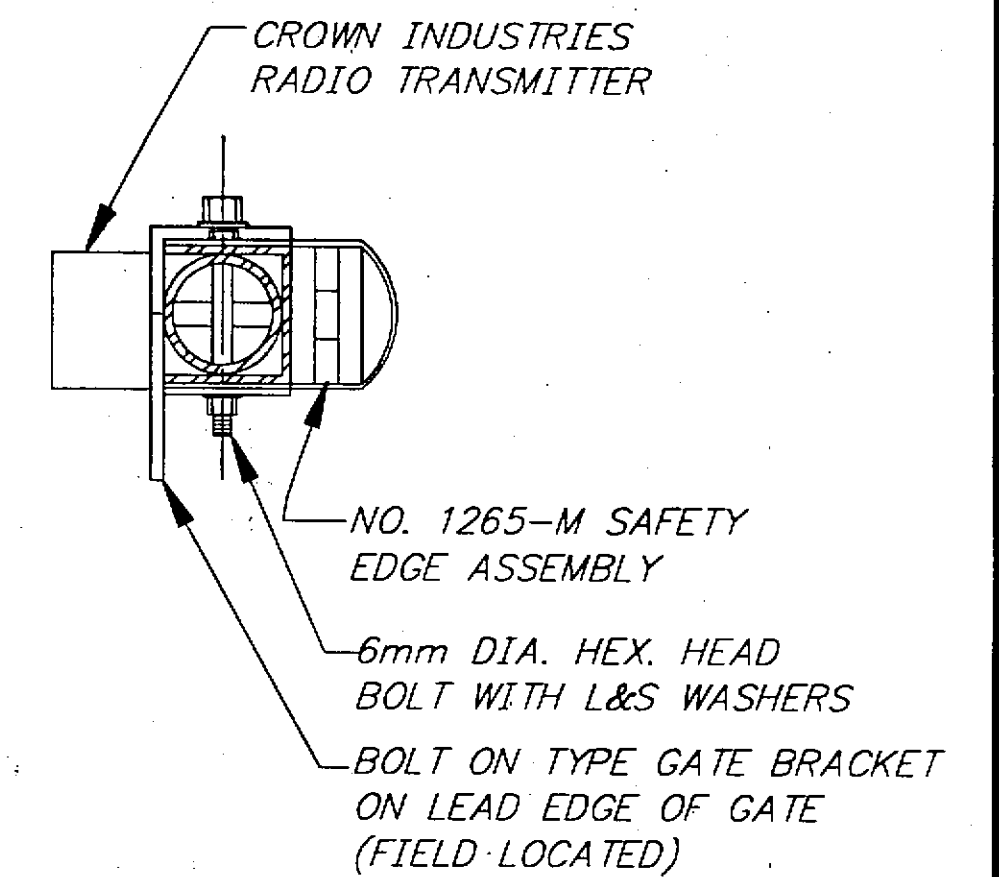
DESIGNED BY: R. KRAEMER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION			
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039			
		Miscellaneous Fence Details			
CHECKED BY: V. WINTERS DRAWN BY: C.A./R.S.		PATH: Q:\Sit\68039\PlanSet\J_FenceDets.dwg Thu, 19/Jul/01 10:32AM Michael L			
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REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	AIP NO.		
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Notes

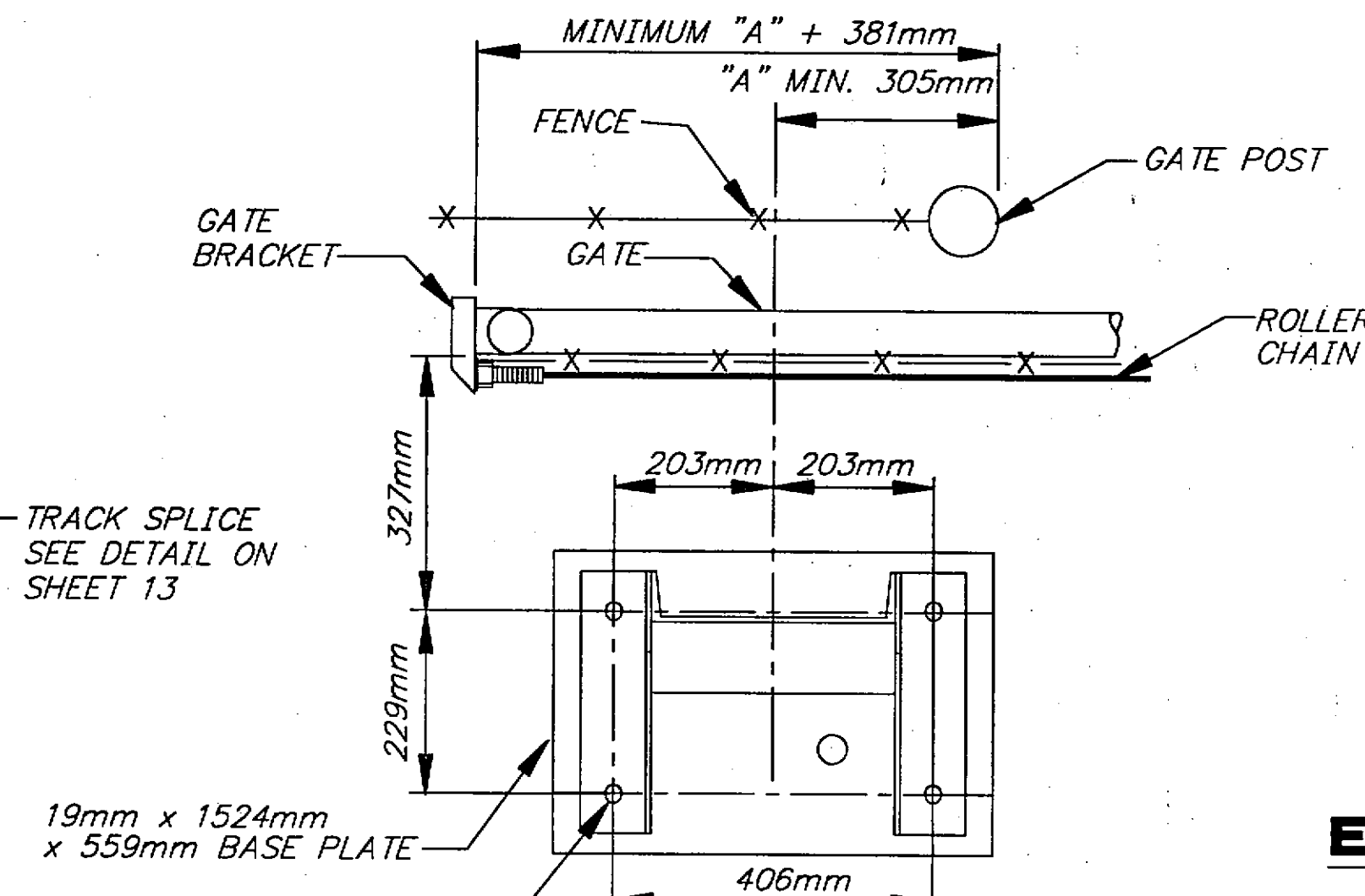
1. ALL GATES, COMPONENTS AND GATE OPERATOR HARDWARE SHALL BE HOT DIPPED GALVANIZED, EXCEPT GREASED AND PROTECTED PARTS PER MANUFACTURER RECOMMENDATIONS.
2. BARBED WIRE OR VERTICAL PIPE EXTENSIONS ON TOP OF GATES OR BARBED WIRE BETWEEN GATE POSTS NOT SHOWN FOR CLARITY. SECOND GATE POST AND TRUCK ASSEMBLY NOT SHOWN FOR CLARITY.



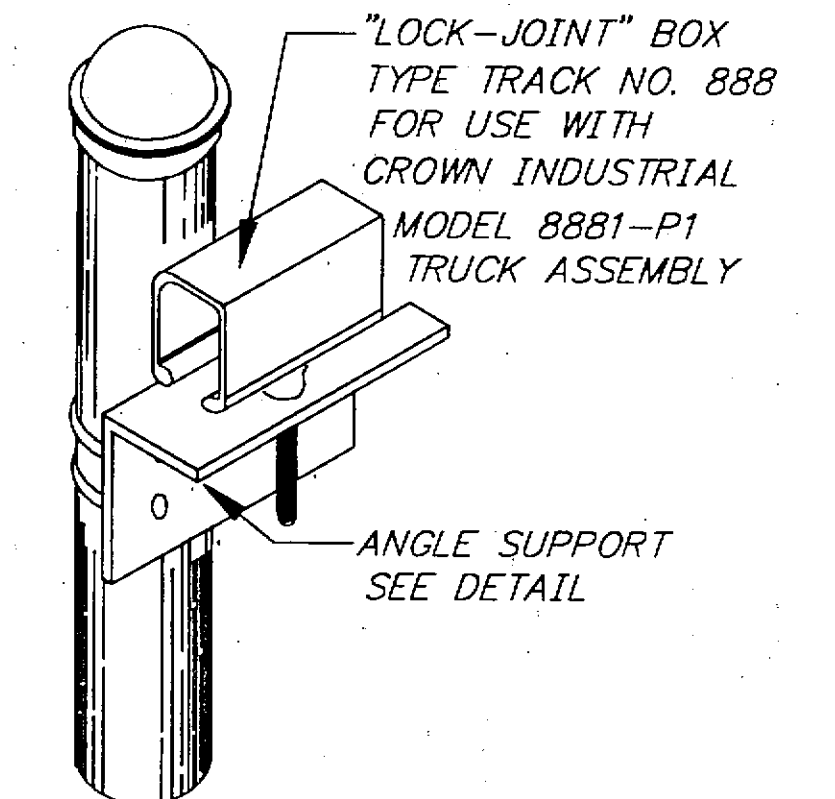
Plan View at Column Base



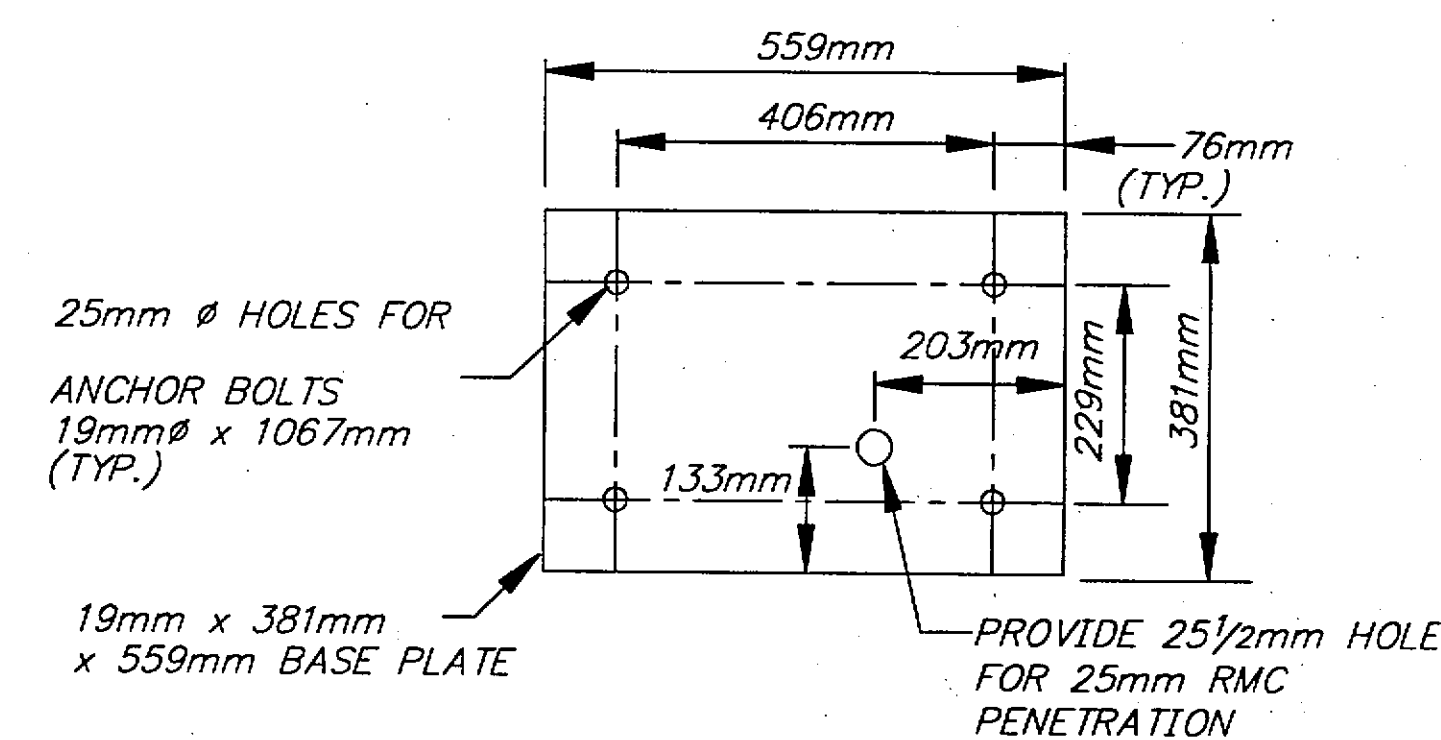
Safety Edge Detail



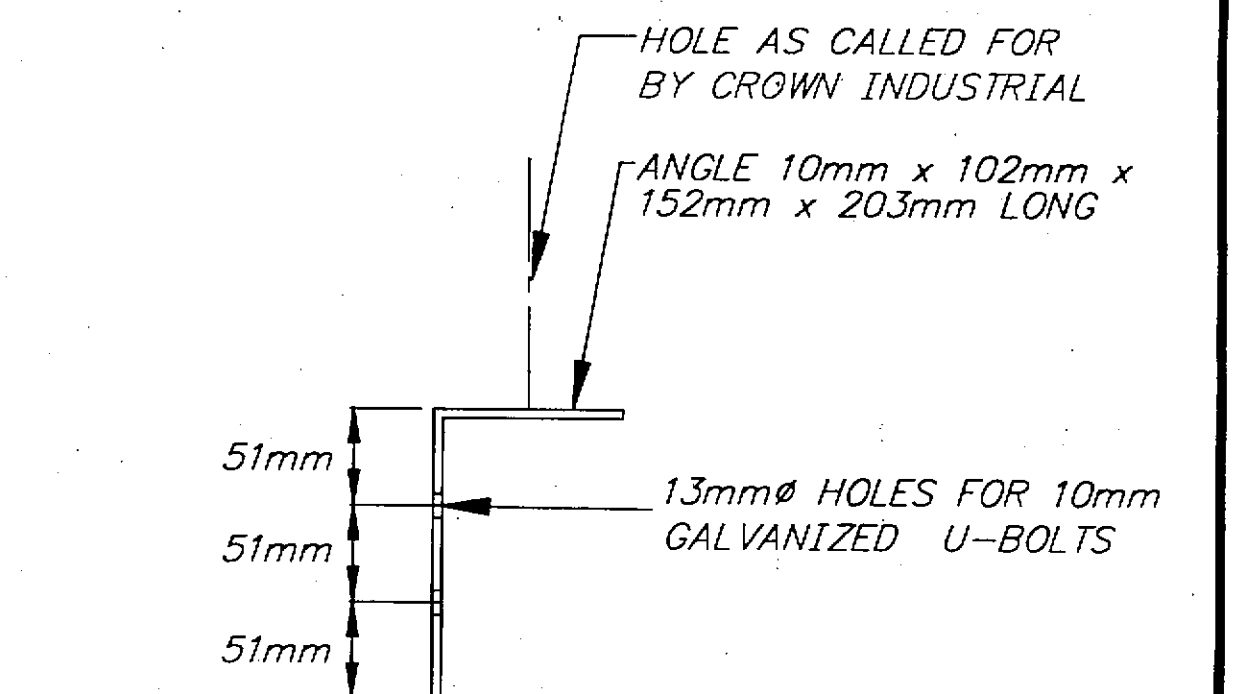
Plan View at Base Plate



Enclosed Track Detail



Truck Assembly Detail

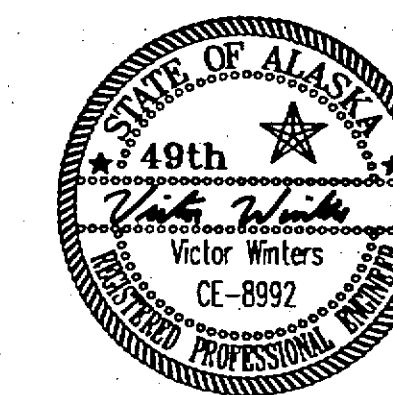


Angle Support Detail

Elevation at Operator

Section at Operator

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: C.A./R.S.

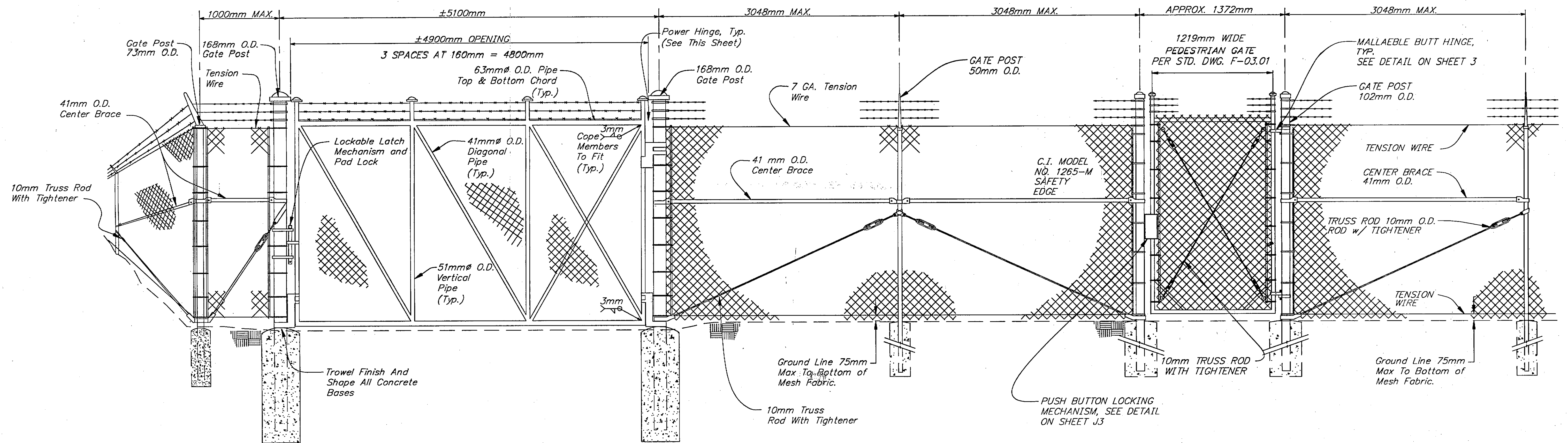
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NO.	DATE	REVISIONS DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			AIP NO. 3-02-0268-1101	2001	J6	57

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV
PROJECT NO. 68039

Miscellaneous Fence Details

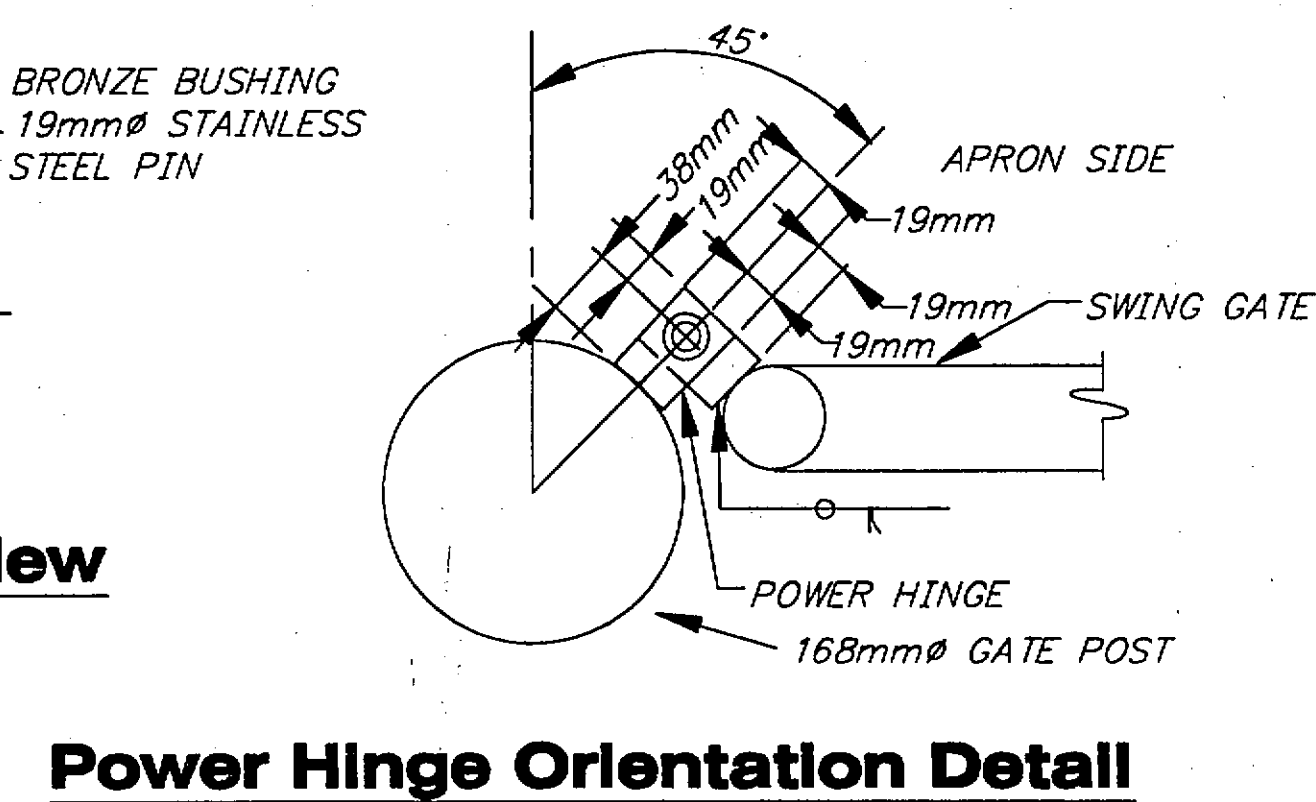
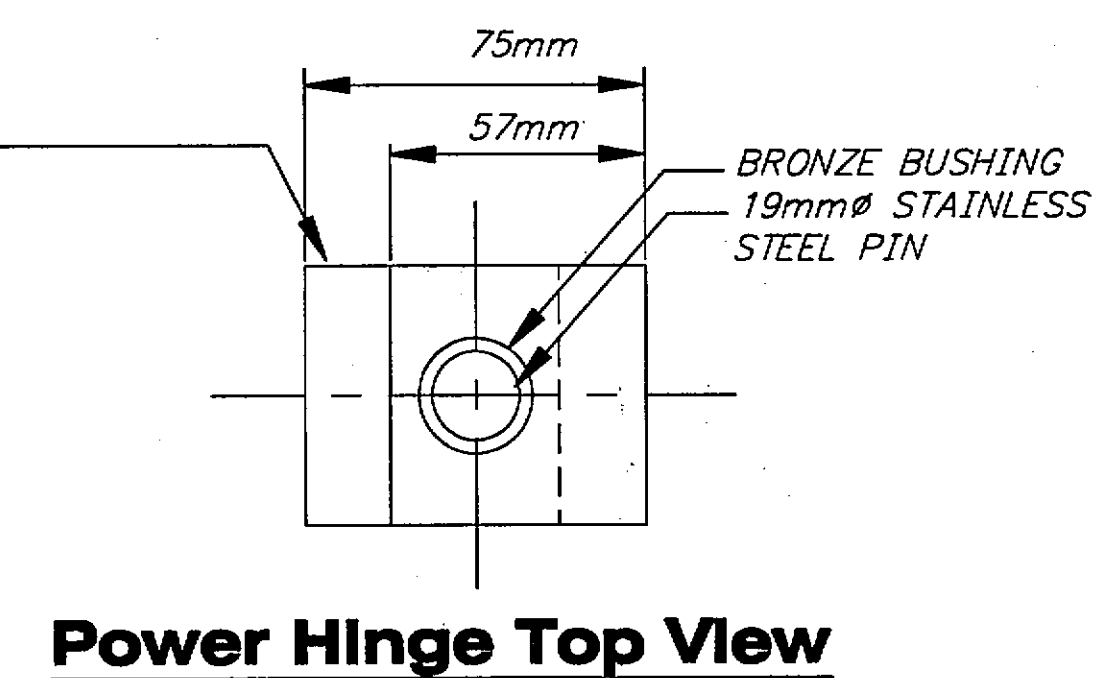
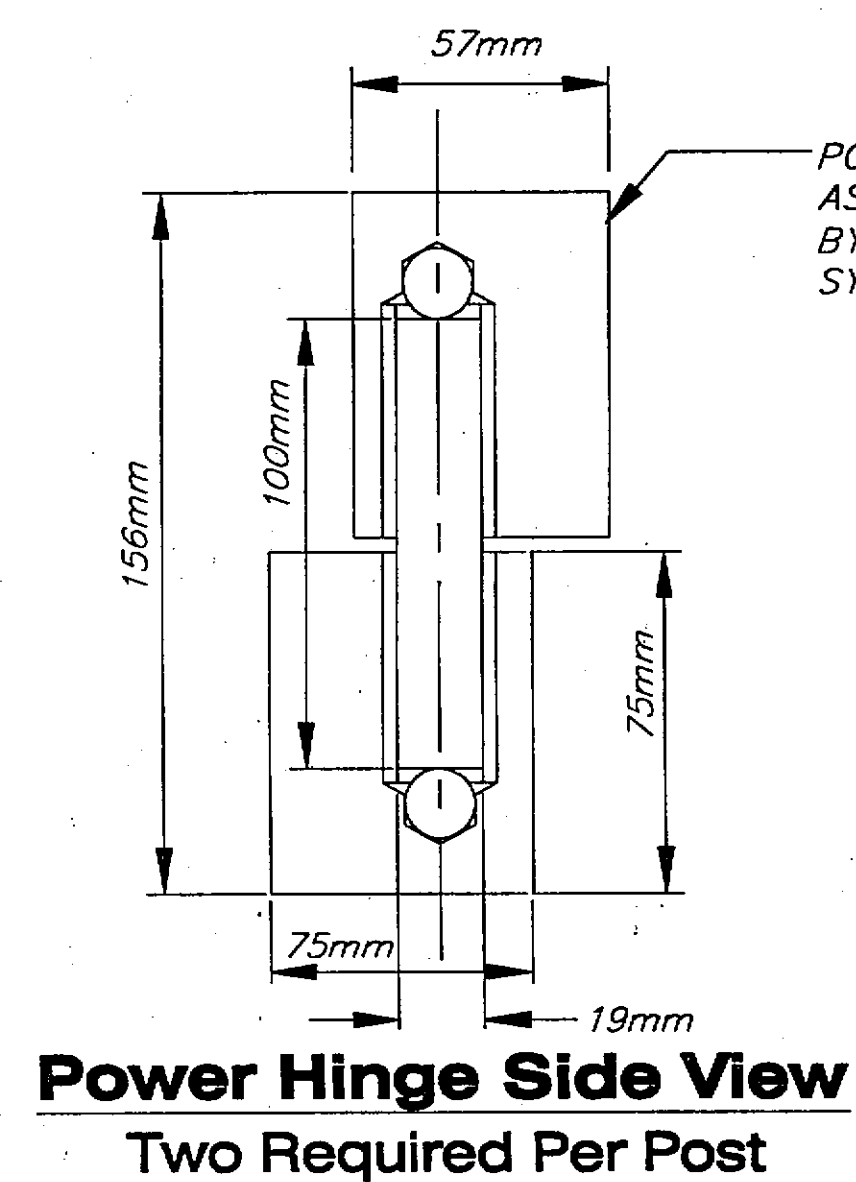


Notes:

1. SEE SHEET J3 FOR CONCRETE FOOTING DIMENSIONS.

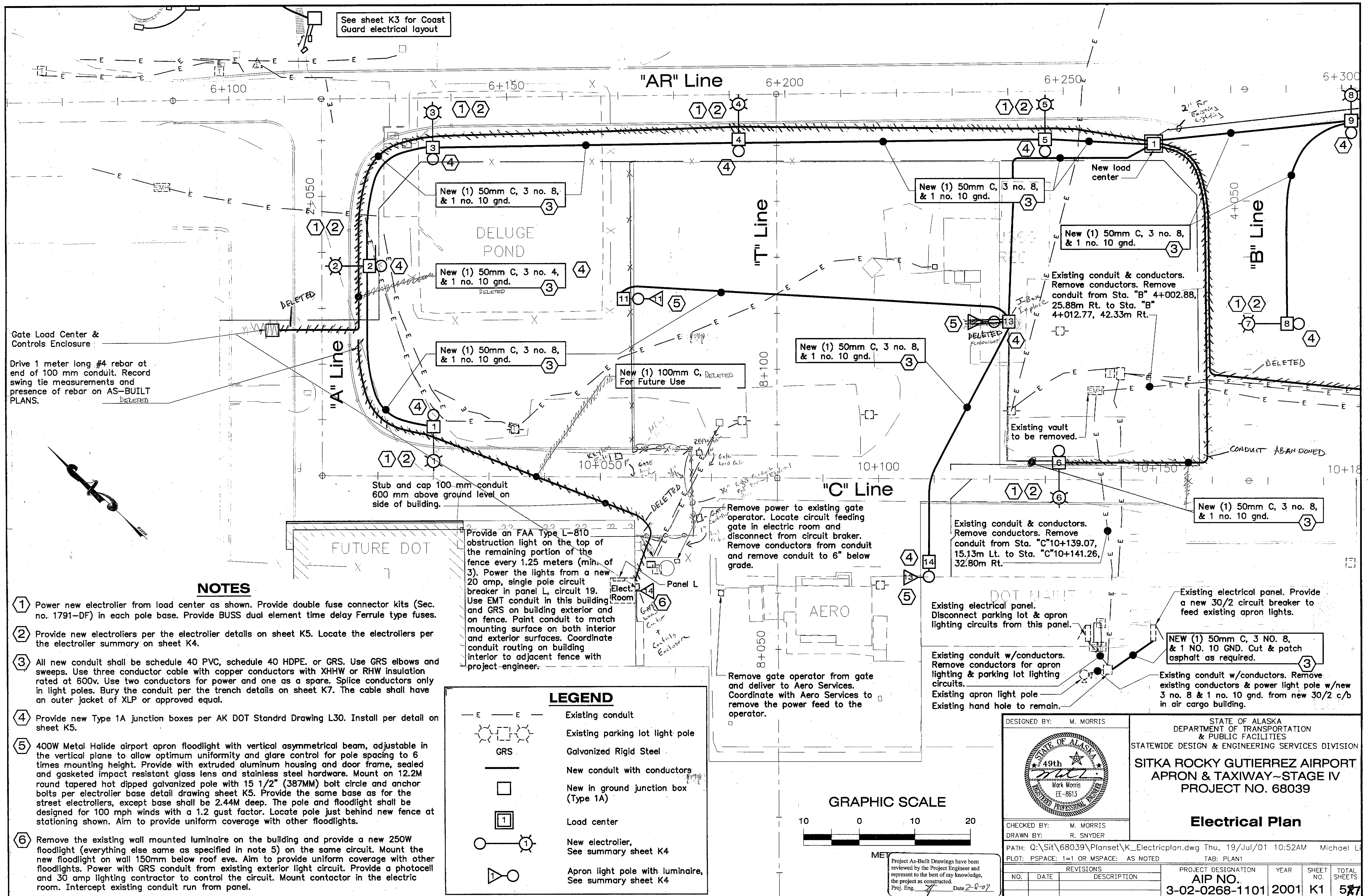
Elevation View At 4.8m Single Swing Gate & 1.2m Pedestrian Gate

Looking Towards Terminal Building
NOT TO SCALE



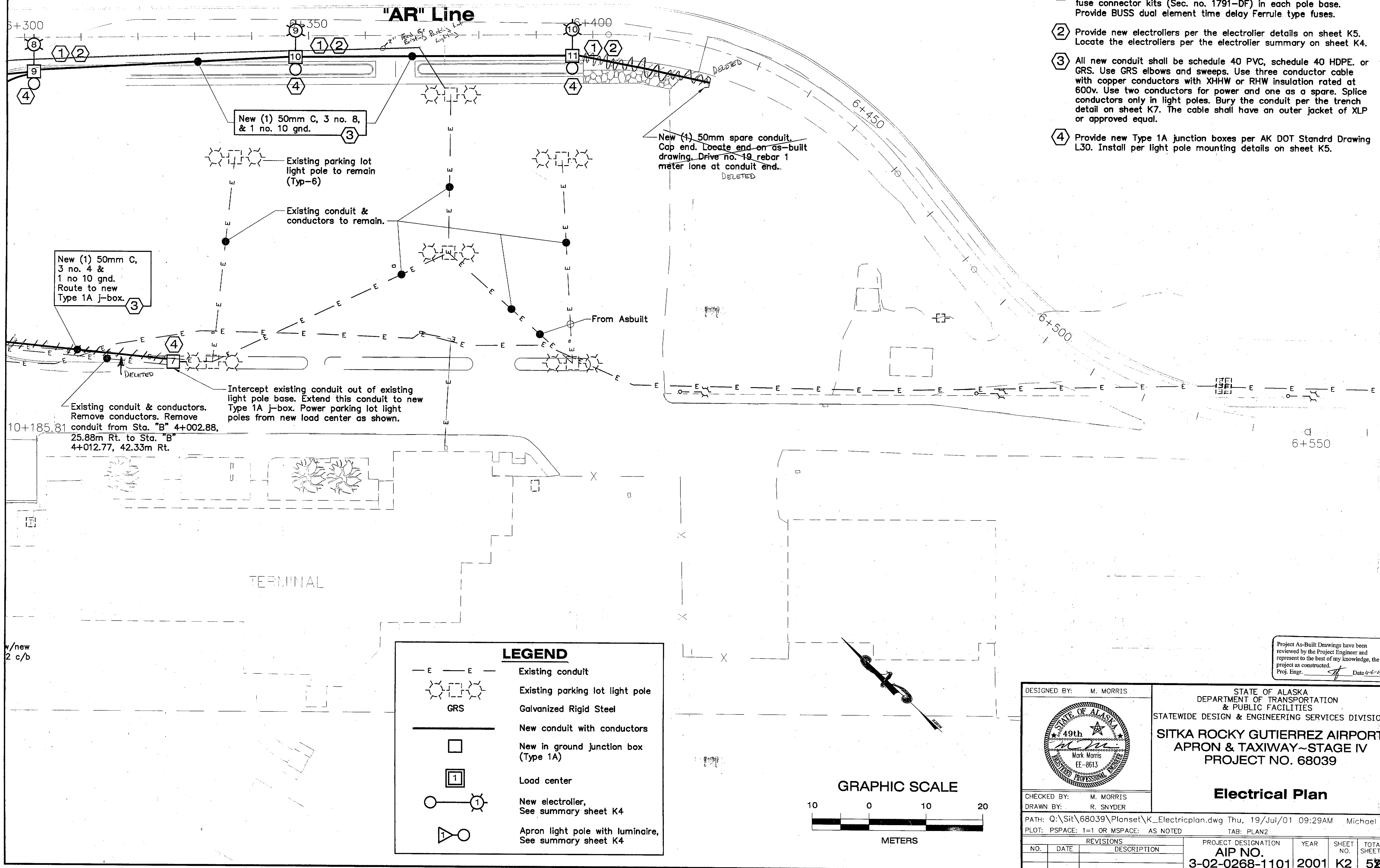
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. Date 4-6-05

DESIGNED BY: R. KRAEMER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION			
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039			
		Miscellaneous Fence Details			
CHECKED BY: V. WINTERS DRAWN BY: M.L./R.S.		PATH: Q:\Sit\68039\PlanSet\J_FenceDets.dwg Thu, 19/Jul/01 10:32AM Michael L PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: DET7			
REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO. DATE DESCRIPTION		AIP NO. 3-02-0268-1101	2001	J7	527



NOTES

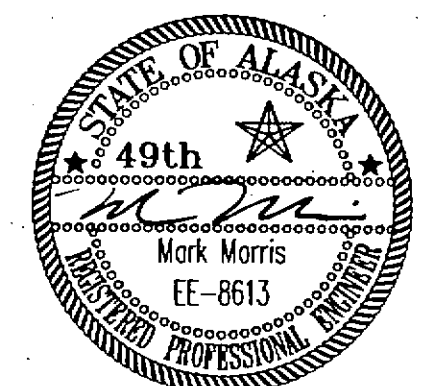
- 1 Power new electrolier from load center as shown. Provide double fuse connector kits (Sec. no. 1791-DF) in each pole base. Provide BUSS dual element time delay Ferrule type fuses.
- 2 Provide new electroliers per the electrolier details on sheet K5. Locate the electroliers per the electrolier summary on sheet K4.
- 3 All new conduit shall be schedule 40 PVC, schedule 40 HDPE, or GRS. Use GRS elbows and sweeps. Use three conductor cable with copper conductors with XHHW or RHW insulation rated at 600v. Use two conductors for power and one as a spare. Splice conductors only in light poles. Bury the conduit per the trench detail on sheet K7. The cable shall have an outer jacket of XLP or approved equal.
- 4 Provide new Type 1A junction boxes per AK DOT Standrd Drawing L30. Install per light pole mounting details on sheet K5.



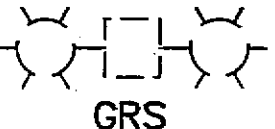
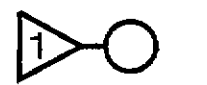
LEGEND

- Existing conduit
- Existing parking lot light pole
- Galvanized Rigid Steel
- New conduit with conductors
- New in ground junction box (Type 1A)
- Load center
- New electrolier, See summary sheet K4
- Apron light pole with luminaire, See summary sheet K4

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-15

DESIGNED BY: M. MORRIS		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION			
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039			
CHECKED BY: M. MORRIS		Electrical Plan			
DRAWN BY: R. SNYDER					
PATH: Q:\Sit\68039\Planset\K_Electricplan.dwg Thu, 19/Jul/01 09:29AM Michael L					
PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: PLAN2					
REVISIONS		PROJECT DESIGNATION		YEAR	SHEET NO.
NO.	DATE	DESCRIPTION			
		AIP NO.			
		3-02-0268-1101		2001	K2
					527

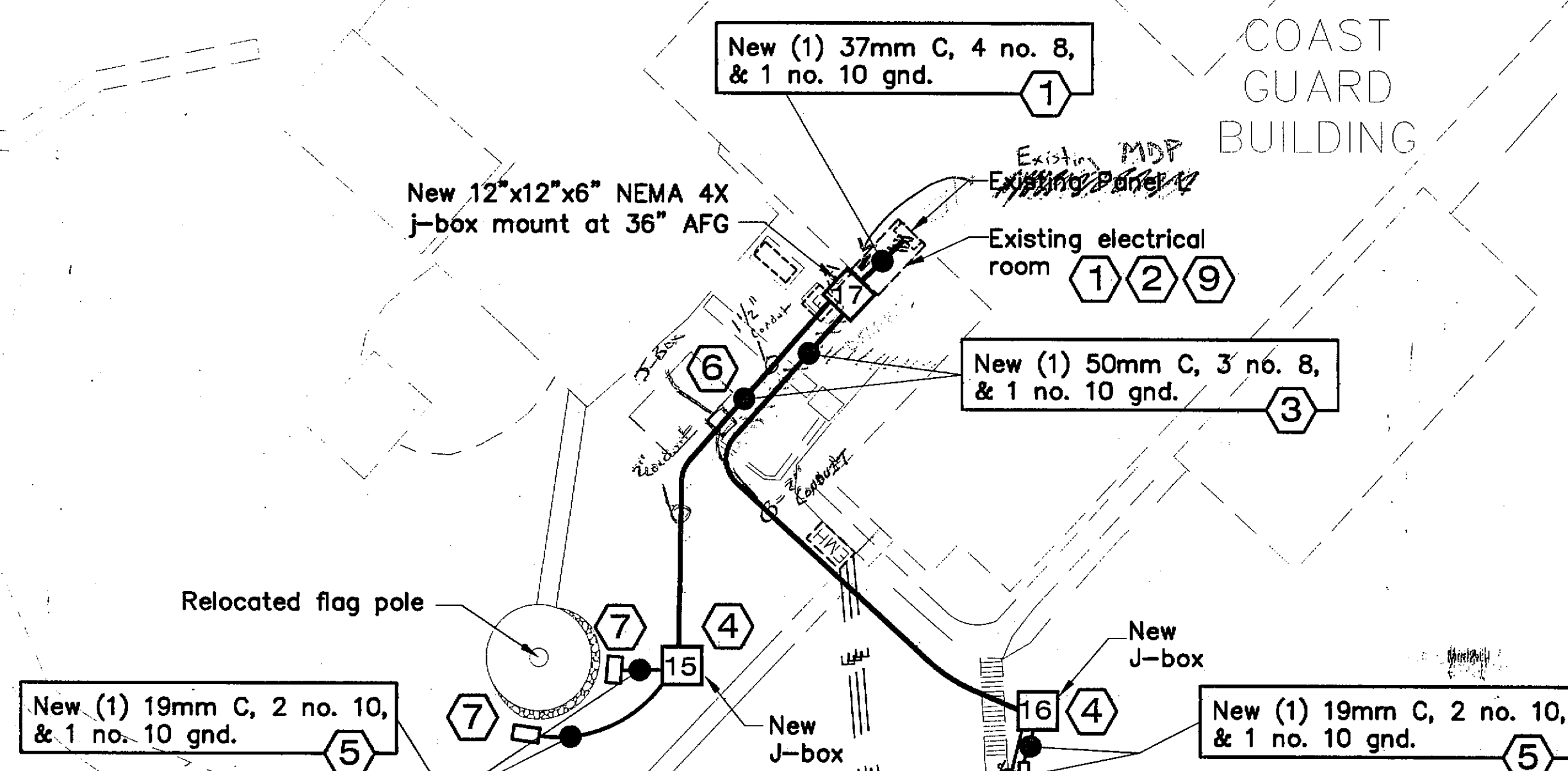
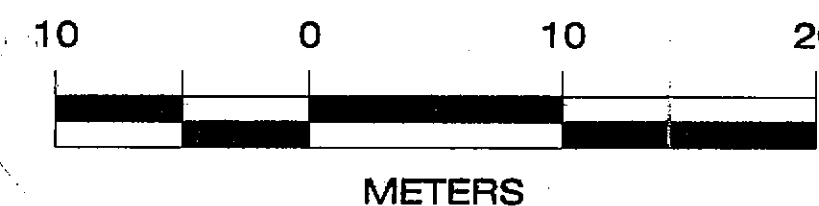
LEGEND

- E — E — Existing conduit
-  Existing parking lot light pole
-  Galvanized Rigid Steel
-  New conduit with conductors
-  New in ground junction box (Type 1A)
-  Load center
-  New electroliner, See summary sheet K4
-  Apron light pole with luminaire, See summary sheet K4

NOTES

- ① Provide 2 new 20/1 circuit breakers in circuits 19 & 21 in panel L. Power the new flag pole luminaires from circuit 19 and the new sign luminaires from CKT 21. Route both circuits in one 37mm conduit from the panel to a new Nema 4x j-box 305mm X 305mm X 152mm mounted at 914mm on this building exterior Route (1) each 50mm C with 3 no. 8 cable & 1 no. 10 gnd to a Type 1A j-box at the flag pole and to a Type 1A j-box at the new sign as shown.
- ② Route the conduit in the electrical room along the back wall above the switchgear.
- ③ All new conduit shall be schedule 40 PVC, schedule 40 HDPE, or GRS. Use GRS elbows and sweeps. Use three conductor cable with copper conductors with XHHW or RHW insulation rated at 600v. Use two conductors for power and one as a spare. Splice conductors only in light poles. Bury the conduit per the trench detail on sheet K7. The cable shall have an outer jacket of XLP or approved equal.
- ④ Provide new Type 1A junction boxes per AK DOT Standard Drawing L30. Install per details on sheet K5.
- ⑤ Route a 19mm conduit from the Type 1A j-box up into the stanchion of each new flood light.
- ⑥ Cut sidewalk behind the two existing cracks install underground conduit, then pour a new concrete per spec section P-610. Concrete sidewalk section with expansion joints at the interface with the existing sidewalk.
- ⑦ 150w metal halide flood light with narrow horizontal & wide vertical flood. Mount on 450mm stanchion, 75mm dia. Bury base of stanchion 150mm below grade with 200mm concrete on all sides. Provide (3) no. 4 rebar hoops 200mm dia. in concrete spaced evenly apart with 4 no. 4 vertical rebar spaced evenly around inside of hoop. Compact 200mm of subbase around all sides of concrete at 95% density. Locate floodlights 3m from pole. Space flood lights so that a direct line from each light to the pole would form a 90° angle. Aim lights to illuminate top half of pole. Floodlights shall have one piece diecast aluminum housing & door frame, gasketed glass lens with polycarbonate shield and all stainless steel hardware. Provide LSI model no. DRS VF 150 MHFMT BLK and BKA PRS SMT 18" BLK and 122541. Provide with pulse start lamps.
- ⑧ 100w metal halide floodlight with wide horizontal flood. Mount on 450mm stanchion, 75mm dia. Bury base of stanchion 150mm below grade with 200mm concrete on all sides. Provide (3) no. 4 rebar hoops 200mm dia. in concrete spaced evenly apart with 4 no. 4 vertical rebar spaced evenly around inside of hoop. Compact 200mm of subbase around all sides of concrete at 95% density. Locate floodlights 2m from sign. Space floodlights in from each edge of the sign 1/4 of the sign width. Aim the lights to the center of the sign. Floodlights shall have one piece diecast aluminum housing & door frame, gasketed glass lens with polycarbonate shield and all stainless steel hardware. Provide LSI model no. DRS VF 100 MHFMT BLK and BKA PRS SMT 457mm BLK and 122541. Provide with pulse start lamps.
- ⑨ Control the two new lighting circuits via a photocell and time clock. Mount the photocell on the building exterior out of influence of building lighting. Mount the timeclock adjacent to Panel L. See the light schematic on sheet K8.

GRAPHIC SCALE



6+050

6+100

6+150

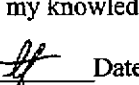
6+200

6+250

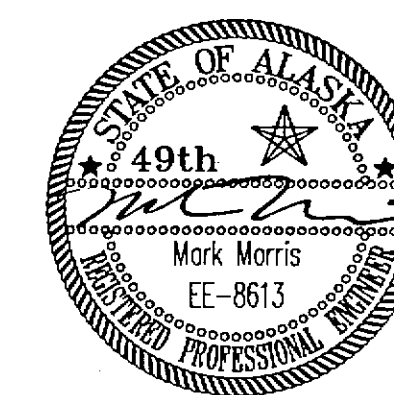
"AR" Line

"A" Line

See sheets K1 & K2 for roadway and apron electrical layouts.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr.  Date 4-6-05

DESIGNED BY: M. MORRIS



CHECKED BY: M. MORRIS

DRAWN BY: R. SNYDER

PATH: Q:\Sit\68039\PlanSet\K_Elt-CoastGrd.dwg, 19/Jul/01 09:31AM Michael L

PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED

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REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	AIP NO.			
			3-02-0268-1101	2001	K3	57

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
**SITKA ROCKY GUTIERREZ AIRPORT
APRON & TAXIWAY-STAGE IV
PROJECT NO. 68039**

Electrical Plan

SUMMARY OF LOAD CENTER: 1				
LOAD CENTER TYPE 1				
LOAD CENTER: 1 POWER SOURCE: UTILITY PHOTOELECTRIC CONTROL: YES				
LOCATION DATA: "O" 6+263.75, 10.86 r.T.				
SERVICE VOLTAGE: 1 PHASE, 3-WIRE, 120/240 VOLTS, 60 Hz. INTERRUPTING CAPACITY OF CIRCUIT BREAKERS-SERIES RATED: 10,000 AIC PROVIDE METER SOCKET? YES SERVICE AMPS: 125				
MAIN BREAKER A: 120/240 VOLT, 2 POLE, 100 AMPS CONTACTOR: 600 VOLT, 2 POLE, 50 AMPS				
LOAD PANEL A SUMMARY				
CIRCUIT NUMBER	DESCRIPTION	KVA LOAD	BREAKER	
			AMPS	POLES
A1	GATE	1.55	50	2
A2	PARKING LOT LIGHT	3.65	50	1
A3	PHOTO ELECTRIC CONTROL	0.10	15	2
A4	SPARE	-	20	2
A5	SPARE	-	20	2
A6	SPACE	-	-	-
TOTAL DEMAND =		5.2 KVA		
MAIN BREAKER B: 120/240 VOLT, 2 POLE, 50 AMPS				
LOAD PANEL B SUMMARY				
CIRCUIT NUMBER	DESCRIPTION	KVA LOAD	BREAKER	
			AMPS	POLES
B1	STREET LIGHTING-WEST	1.80	20	2
B2	STREET LIGHTING-EAST	1.20	20	2
B3	APRON LIGHTING	1.20	20	2
B4	SPARE	-	20	2
B5	SPACE	-	20	2
TOTAL DEMAND =		5.2 KVA		

LOAD CENTER NOTES

1. CONTRACTOR SHALL HAVE METERS INSTALLED, AND PAY ANY FEES REQUIRED BY THE LOCAL UTILITY. THE STATE WILL ACCEPT MONTHLY UTILITY BILLING AFTER FINAL PROJECT COMPLETION.
2. INSTALL THE PHOTO ELECTRIC CONTROL ON TOP OF THE LOAD CENTER WITH A PHOTO CELL GUARD.

ELECTROLIER/FLOODLIGHT SUMMARY					
POLE NO.	STATION	OFFSET	MASTARM	NEW POLE AND BASE	REMARKS
1	'C' 10+020.0	10.91 LT.	6.10m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
2	'A' 2+037.5	10.68 LT.	6.10m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
3	'AR' 6+136.6	10.86 RT.	6.10m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
4	'AR' 6+191.6	10.03 RT.	6.10m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
5	'AR' 6+246.6	10.68 RT.	6.10m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
6	'C' 10+132.5	10.64 LT.	6.10m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
7	'B' 4+031.0	9.28 RT.	6.10m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
8	'AR' 6+301.6	8.02 RT.	4.60m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
9	'AR' 6+347.7	5.82 RT.	4.60m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
10	'AR' 6+396.3	5.83 RT.	4.60m	X	250 WATT, HPS IES TYPE MC-III, ELECTROLIER
11	'C' 10+049.2	31.86 LT.	-	X	400 WATT, METAL HALIDE AIRPORT APRON FLOODLIGHT
12	'C' 10+114.1	28.16 LT.	DELETED	X	400 WATT, METAL HALIDE AIRPORT APRON FLOODLIGHT
13	'C' 10+109.1	17.38 RT.	-	X	400 WATT, METAL HALIDE AIRPORT APRON FLOODLIGHT
14	DOT BUILDING			WALL MOUNT	250 WATT, METAL HALIDE AIRPORT APRON FLOODLIGHT

LOAD CENTER SUMMARY				
NO.	STATION	OFFSET	TYPE	REMARKS
1	'AR' 6+263.75	10.86 RT.	I	NEW, OWNER IS D.O.T./ P.F.

JUNCTION BOX SUMMARY				
NO.	STATION	OFFSET	TYPE	JUNCTION BOX COVER LEGEND
1	'C' 10+022.01	8.41 LT.	IA	TRAFFIC
2	'A' 2+037.55	8.18 RT.	IA	TRAFFIC
3	'AR' 6+136.60	8.36 RT.	IA	TRAFFIC
4	'AR' 6+191.61	7.54 RT.	IA	TRAFFIC
5	'AR' 6+246.60	8.18 RT.	IA	TRAFFIC
6	'C' 10+132.46	2.55 LT.	IA	TRAFFIC
7	'B' 4+013.26	43.41 RT.	IA	TRAFFIC
8	'B' 4+028.07	6.78 RT.	IA	TRAFFIC
9	'AR' 6+301.63	5.52 RT.	IA	TRAFFIC
10	'AR' 6+347.69	3.32 RT.	IA	TRAFFIC
11	'AR' 6+396.34	3.33 RT.	IA	TRAFFIC
12	'C' 10+047.65	31.85 LT.	IA	LIGHTING
13	'C' 10+116.77	28.23 LT.	IA	LIGHTING
14	'C' 10+109.17	14.71 RT.	IA	LIGHTING
15	'AR' 6+086.48	23.98 LT.	IA	LIGHTING
16	'AR' 6+090.17	17.93 LT.	IA	LIGHTING
17	'AR' 6+105.20	40.92 LT.	-	12" X 12" X 6" NEMA 4X J-BOX

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date *2-8-07*

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
PHASE IV
PROJECT NO. 68039

Electrolier Summary

DESIGNED BY: M. MORRIS

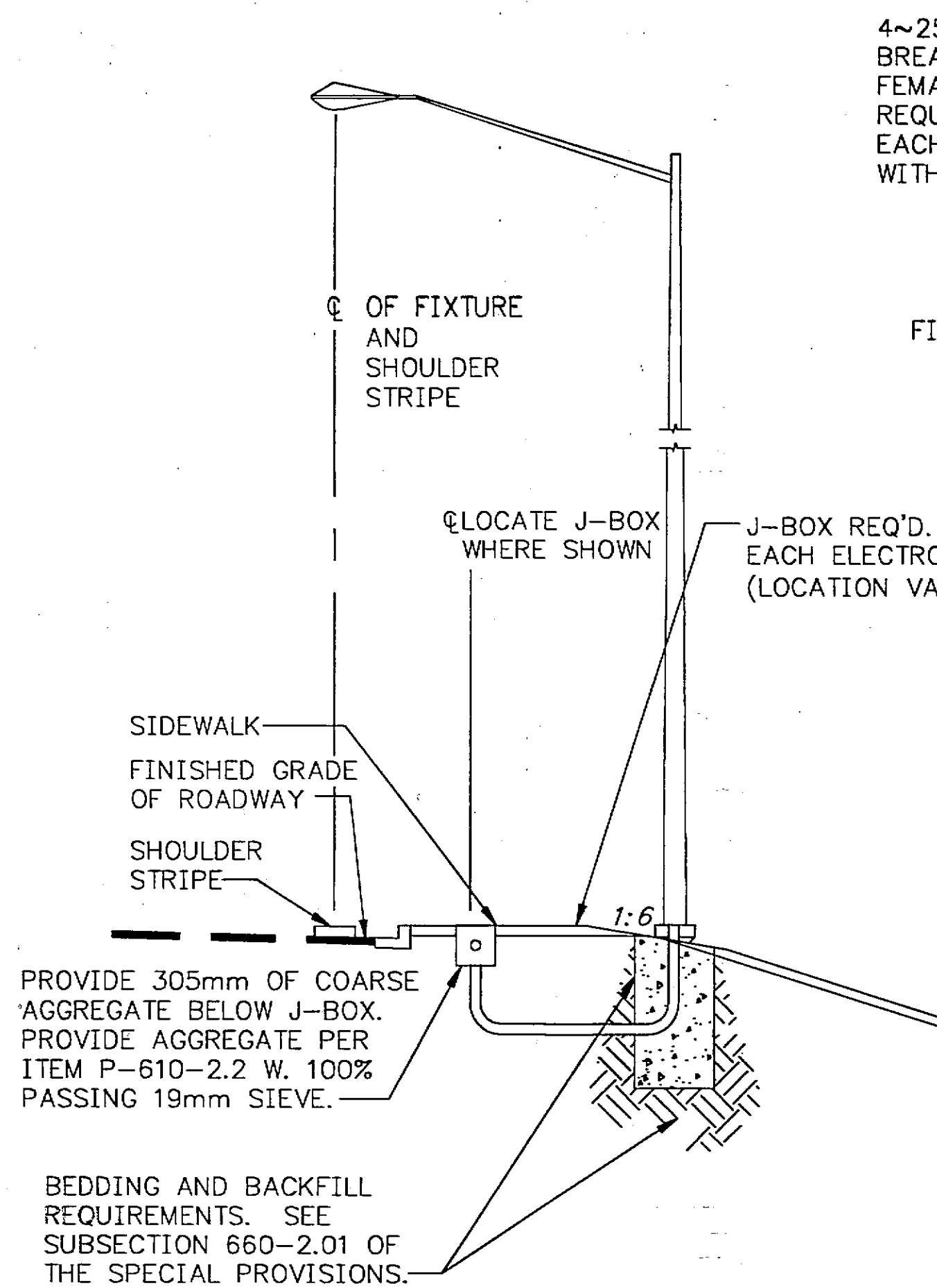


CHECKED BY: M. MORRIS
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION
SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
Electrolier
Summary

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

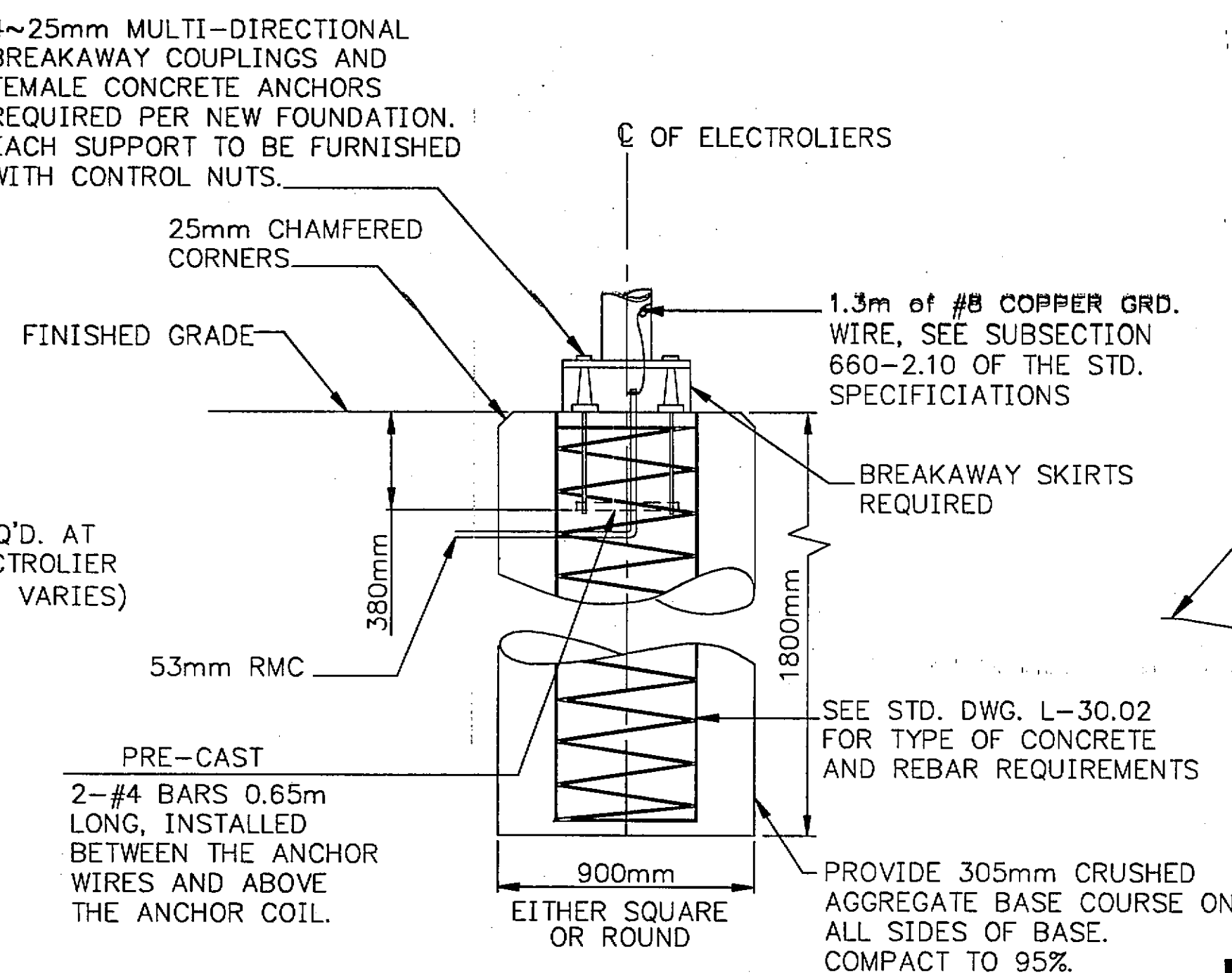
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ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
K4	521



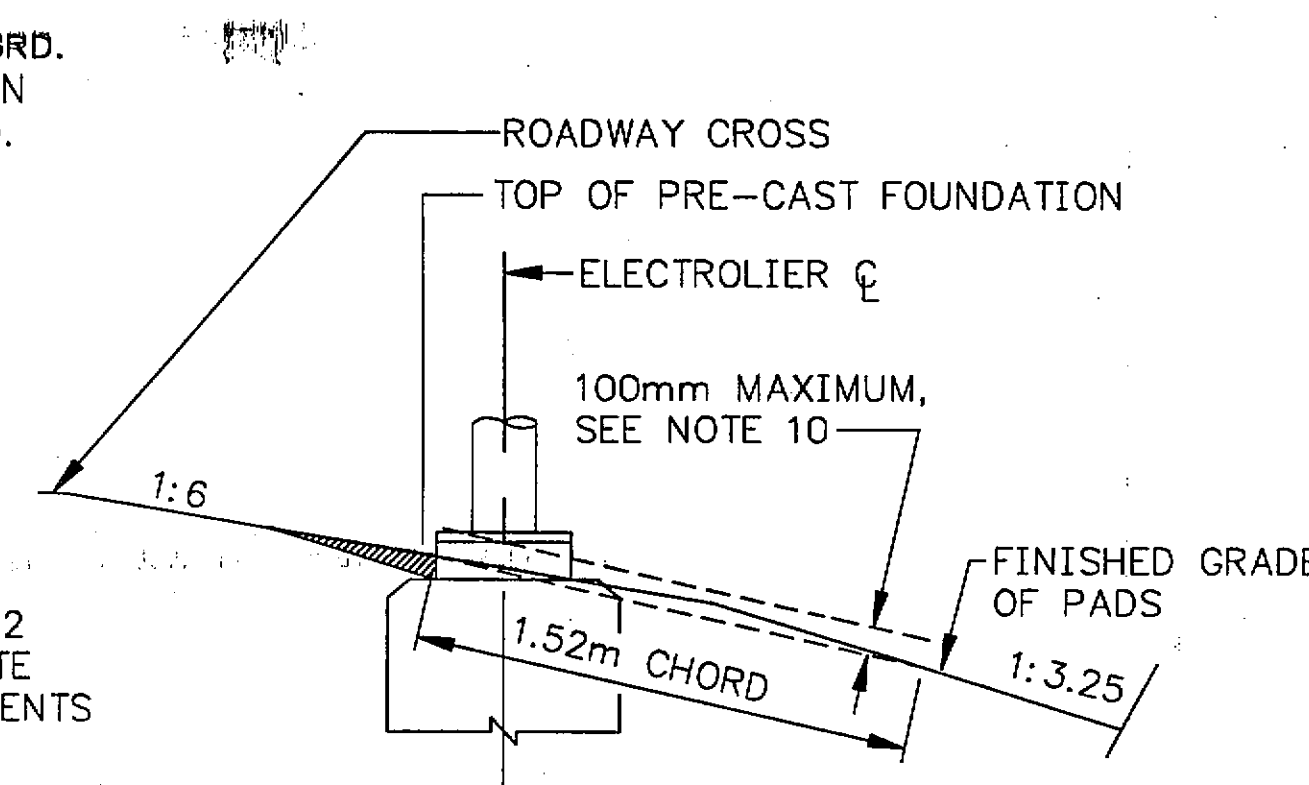
TYPICAL SECTION FOR ELECTROLIER

ILLUMINATION GENERAL NOTES

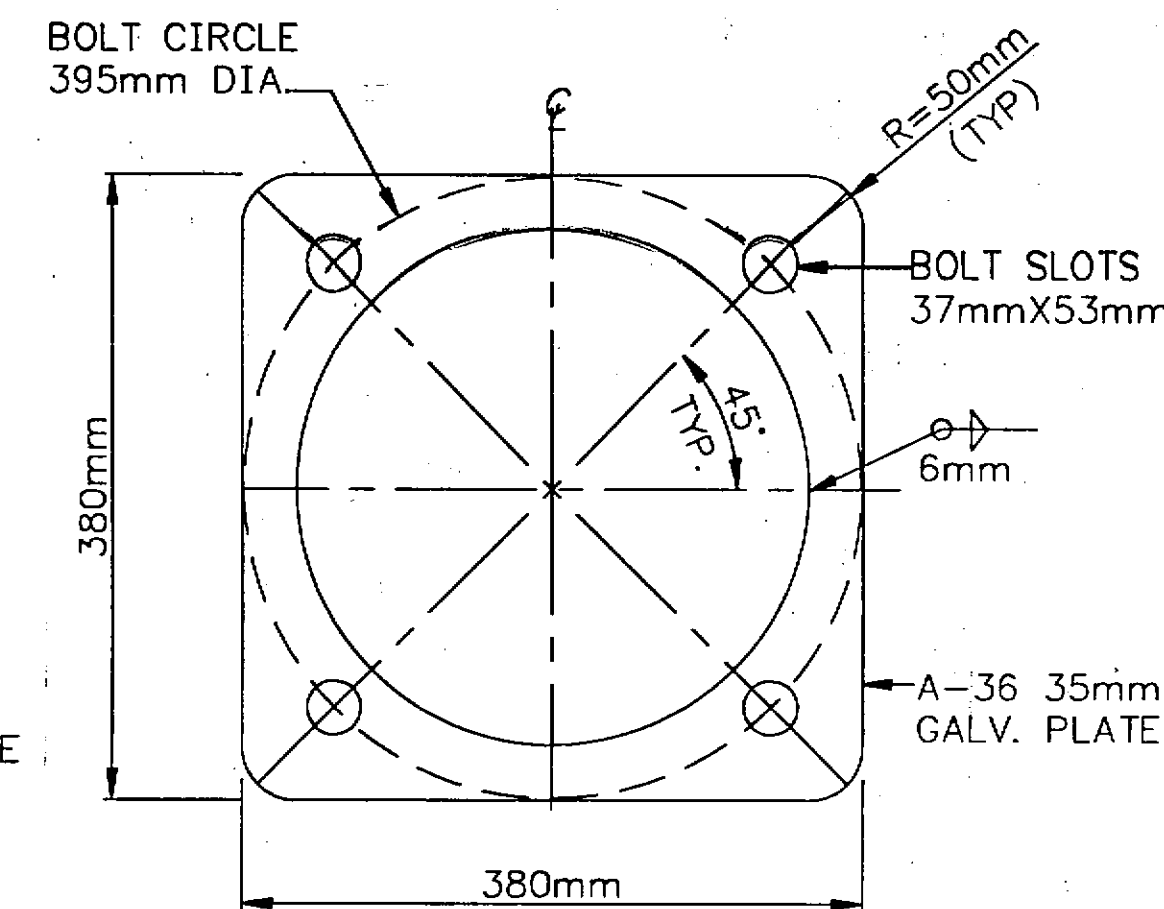
- ALL WIRING SHALL BE ENCASED IN 50mm DIA. RIGID METAL CONDUIT.
- EACH ELECTROLIER SHALL HAVE A J-BOX INSTALLED ADJACENT TO THE FOUNDATION AS SHOWN IN THE POLE AND J-BOX WIRING DETAIL.
- ALL JUNCTION BOXES SHALL BE TYPE I-A, EXCEPT AT LOAD CENTERS, SEE STANDARD DRAWING L-23.01.
- A BARE STRANDED GROUND CONDUCTOR SHALL BE INSTALLED THROUGH ALL CONDUITS. THE GROUND CONDUCTOR SHALL BE ATTACHED TO ALL CONDUIT END BUSHINGS AND POLES.
- NEW ELECTROLIER FOUNDATIONS MAY BE PRE-CAST. PRE-CAST FOUNDATIONS SHALL BE TRANSPORTED USING A DEVICE THAT SPREADS THE LOAD EVENLY BETWEEN THE ANCHOR BOLTS.
- INSTALL THE PHOTOELECTRIC CELL ON TOP OF THE NEAREST ELECTROLIER POLE.
- ILLUMINATION CIRCUIT WIRES SHALL BE NO. 8 AWG. 3-CONDUCTOR CABLE AS SPECIFIED IN STANDARD SPECIFICATION 660-2.08.
- LUMINAIRES SHALL BE 240 VOLT, 250 WATT, HIGH PRESSURE SODIUM, MEDIUM DISTRIBUTION, CUT-OFF, IES TYPE III AND SHALL BE HAVE MAGNETIC REGULATOR BALLASTS, AND HPS LAMPS WITH A 24,000 HOUR RATED LIFE.
- INSTALL 1 SPARE 50mm RIGID METAL CONDUIT FROM THE LOAD CENTER TO THE FIRST JUNCTION BOX.
- NON-BREAKAWAY PORTIONS OF FOUNDATIONS SHALL NOT PROTRUDE MORE THAN 100 mm ABOVE ANY 1.5 m CHORD STARTING AND ENDING ON THE FINISHED GRADE OF THE ELECTROLIER PADS.
- LUMINAIRE MASTARMS SHALL BE 6.1m LONG UNLESS NOTED ELSEWHERE.
- NEW LUMINAIRES SHALL HAVE A 10.7m MOUNTING HEIGHT.



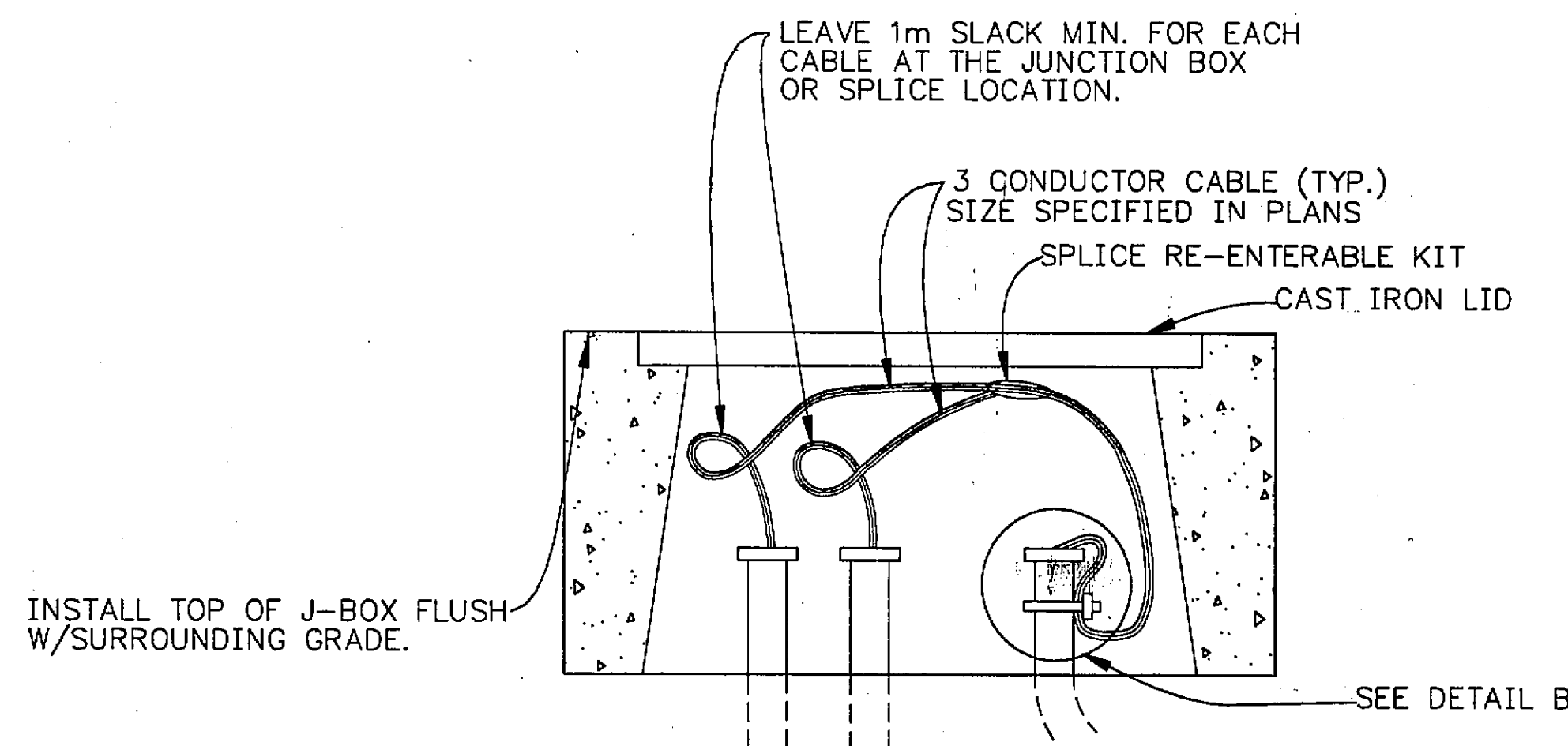
FOUNDATION WITH BREAKAWAY COUPLINGS



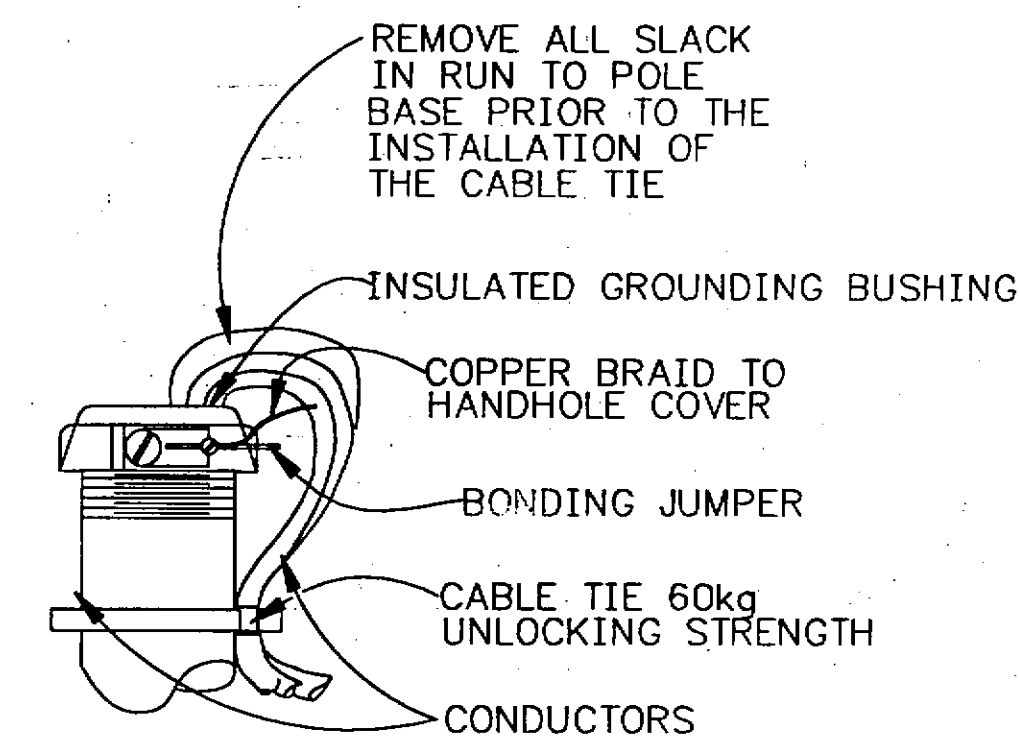
FOUNDATION INSTALLATION DETAIL



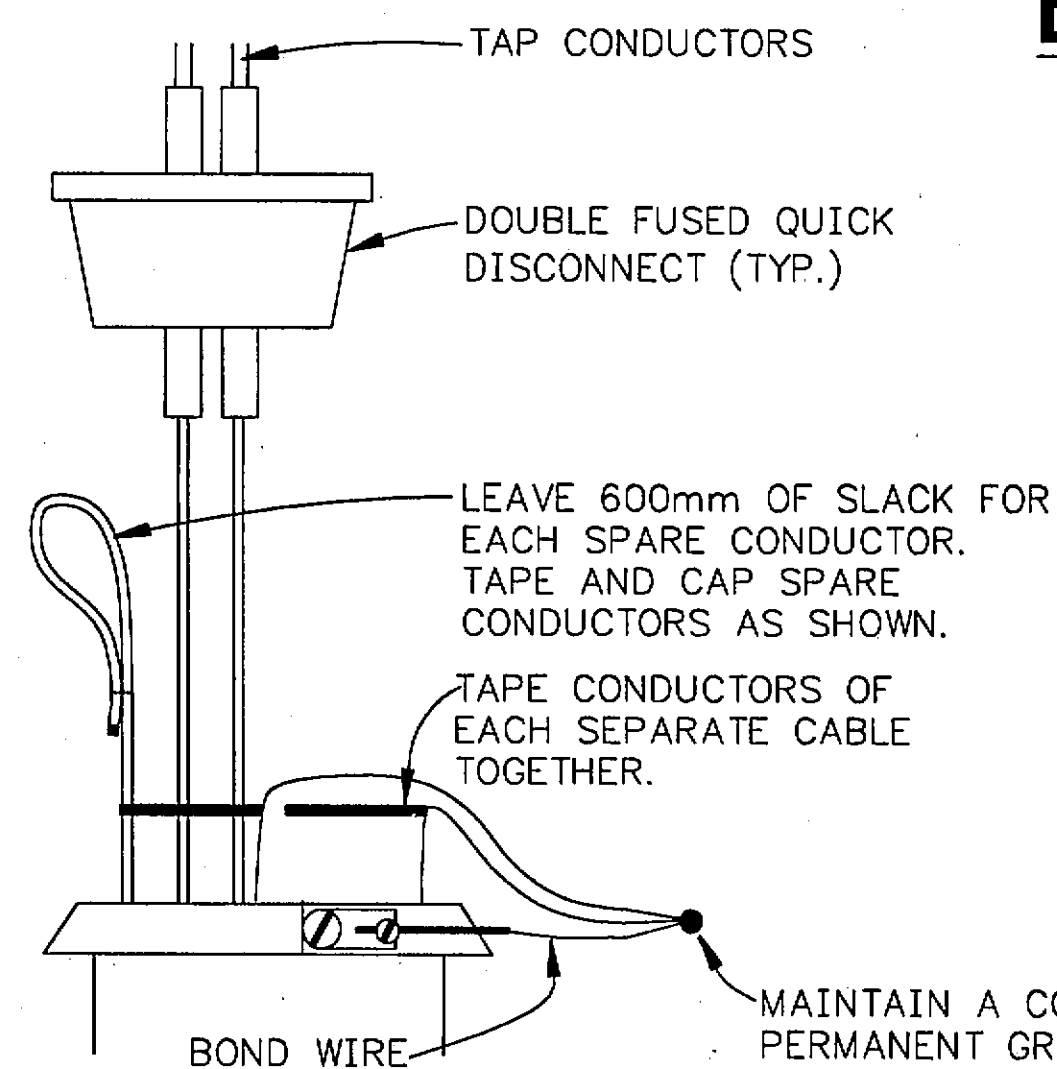
ANCHOR BASE DETAIL



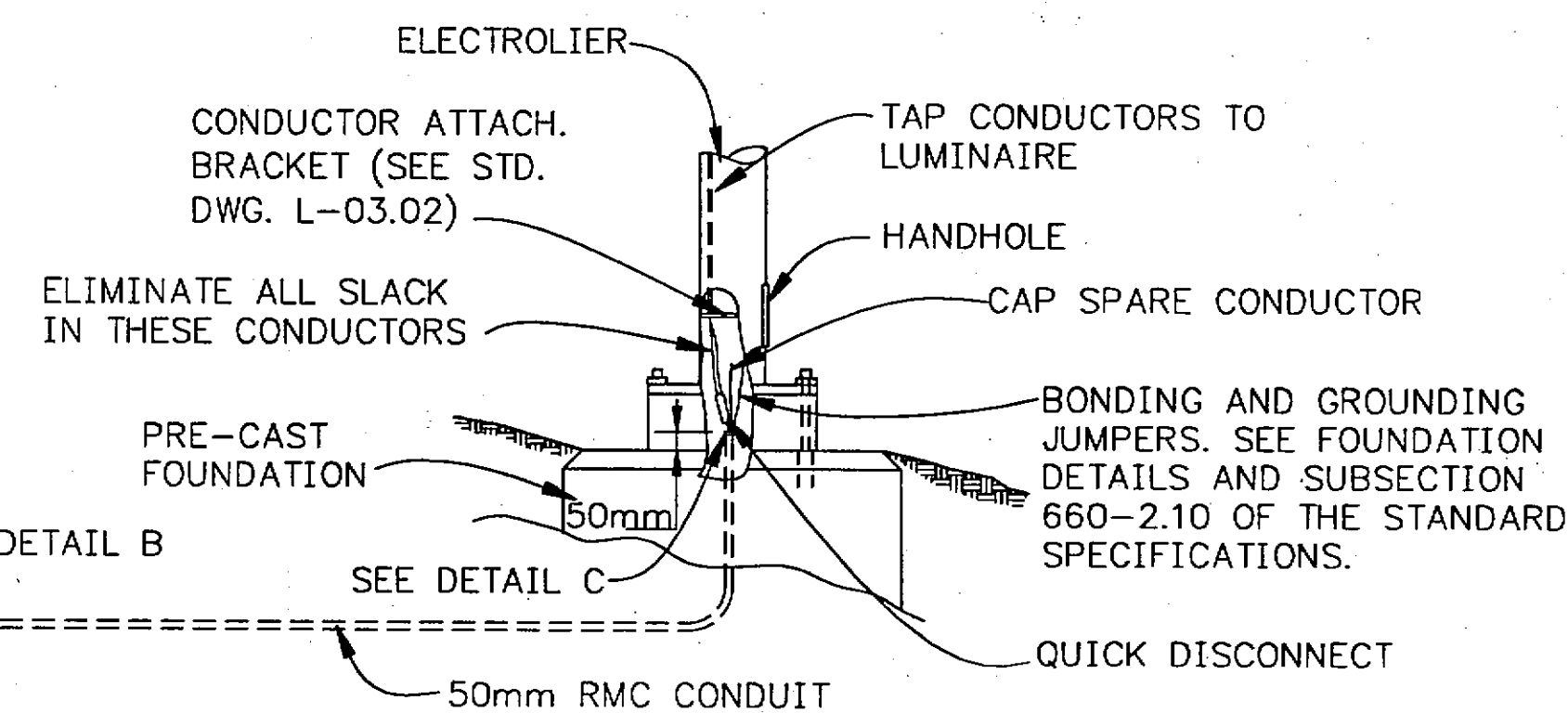
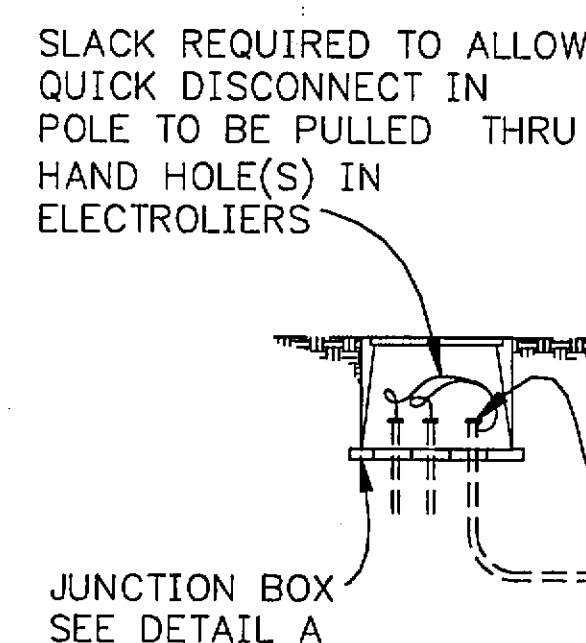
DETAIL A



DETAIL B
(IN J-BOX)



DETAIL C
(IN POLE BASE)



LIGHTING SYSTEM POLE & J-BOX WIRING DETAILS
(BREAKAWAY COUPLINGS)

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 6/6/05

PATH:
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ADDENDUM NUMBER

ATTACHMENT NUMBER

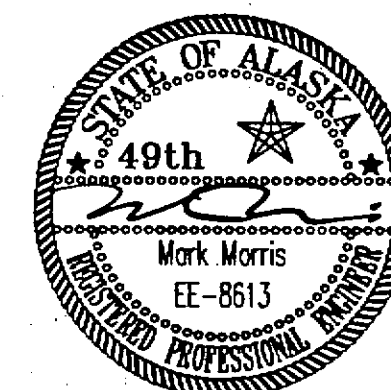
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

ILLUMINATION DETAILS

DESIGNED BY: M. MORRIS



CHECKED BY: M. MORRIS

DRAWN BY: R. SNYDER

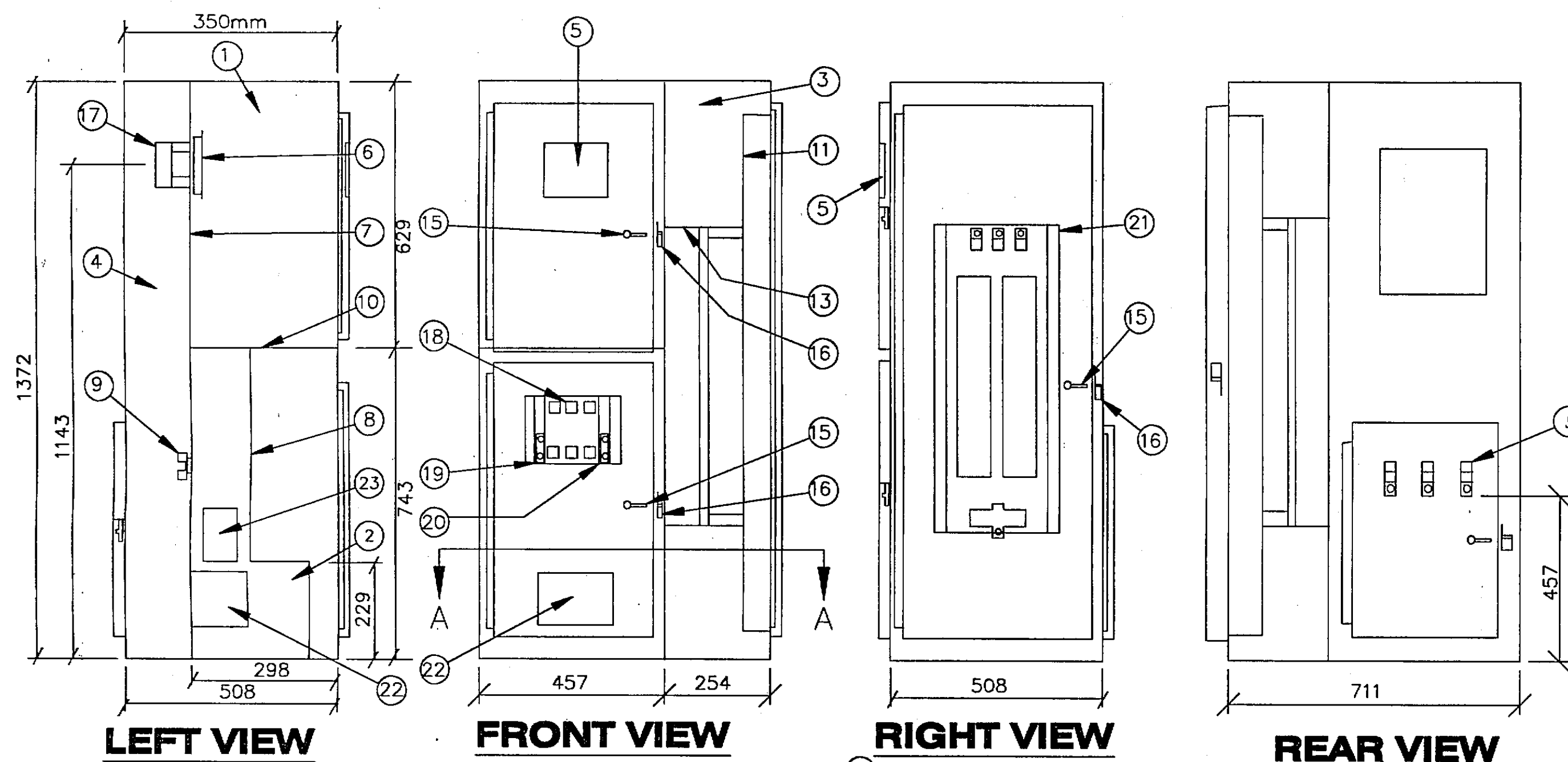
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ AIRPORT - APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
**ILLUMINATION
Details**

PROJECT DESIGNATION NUMBER

AIP #3-02-0268-1101

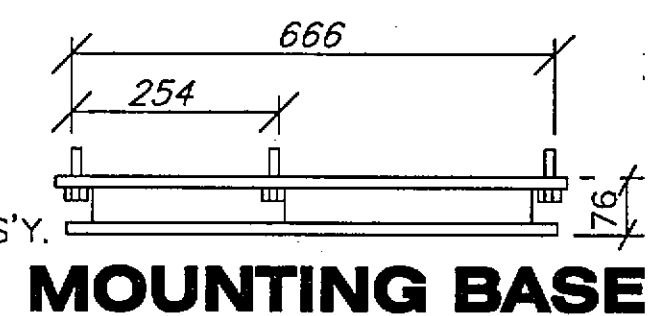
STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
K5	527



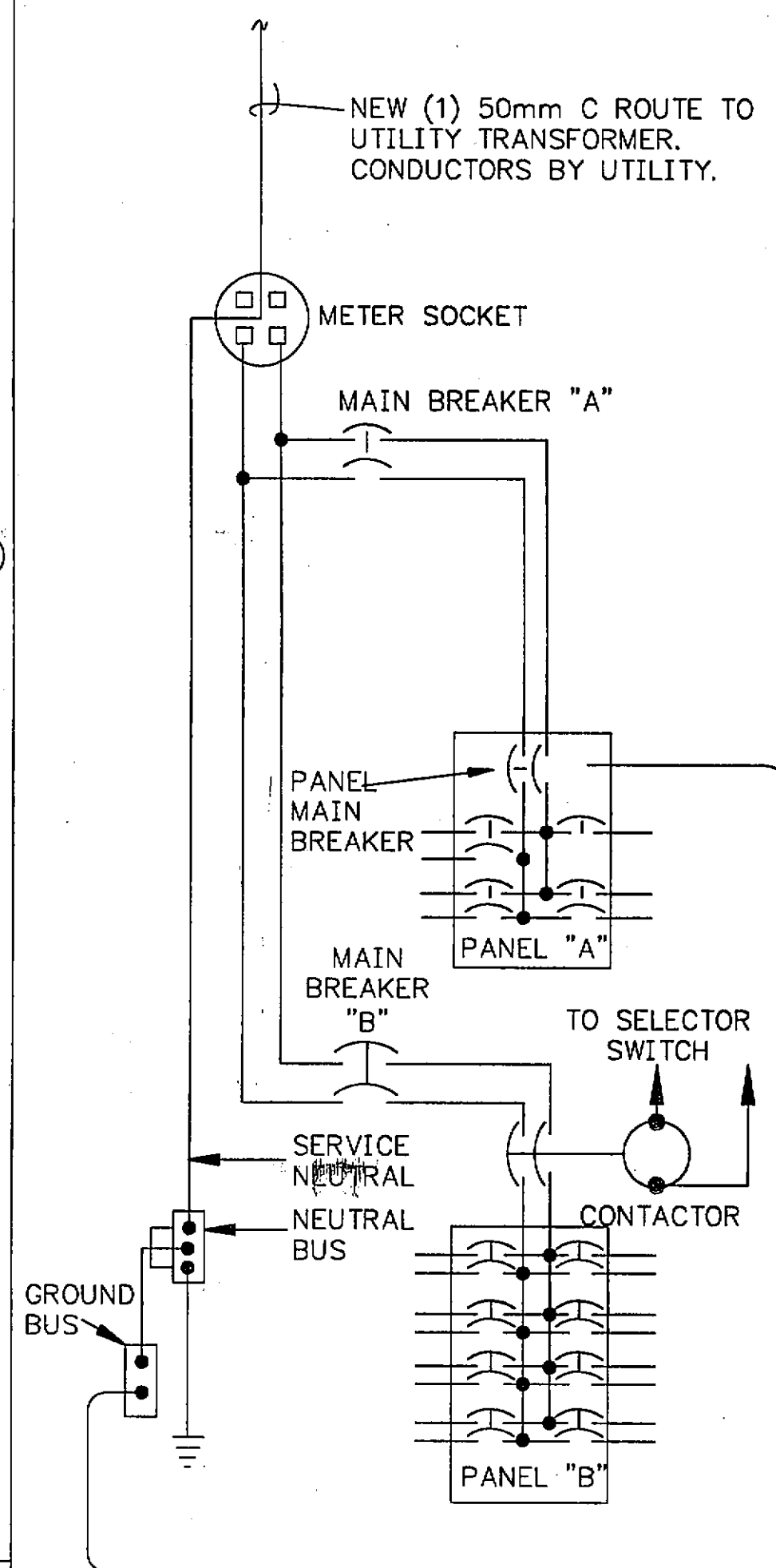
EQUIPMENT LEGEND

1. METER SECTION
2. LOAD SECTION (MAIN)
3. LOAD SECTION (DISTRIBUTION)
4. SERVICE PULL SECTION
5. METER READING WINDOW
6. METER SOCKET COVER
7. TEST SECTION COVER
8. DEAD FRONT
9. UTILITY LANDING LUGS
10. METER SECTION BARRIER
11. PANEL BOARD DEADFRONT
12. EQUIPMENT CHASSIS

13. MOUNTING PAN
14. STAINLESS STEEL PIN HINGE
15. COIN LATCH
16. HASP FOR PADLOCK
17. METER SOCKET KIT ASS'Y.
18. MAIN BREAKER(S)
19. NEUTRAL BAR
20. GROUND BAR
21. PANEL BOARD INTERIOR
22. ALTERNATE CONTACTOR LOCATION
23. CABLE OPENING



TYPE 1 LOAD CENTER CABINET SECTION / ELEVATION

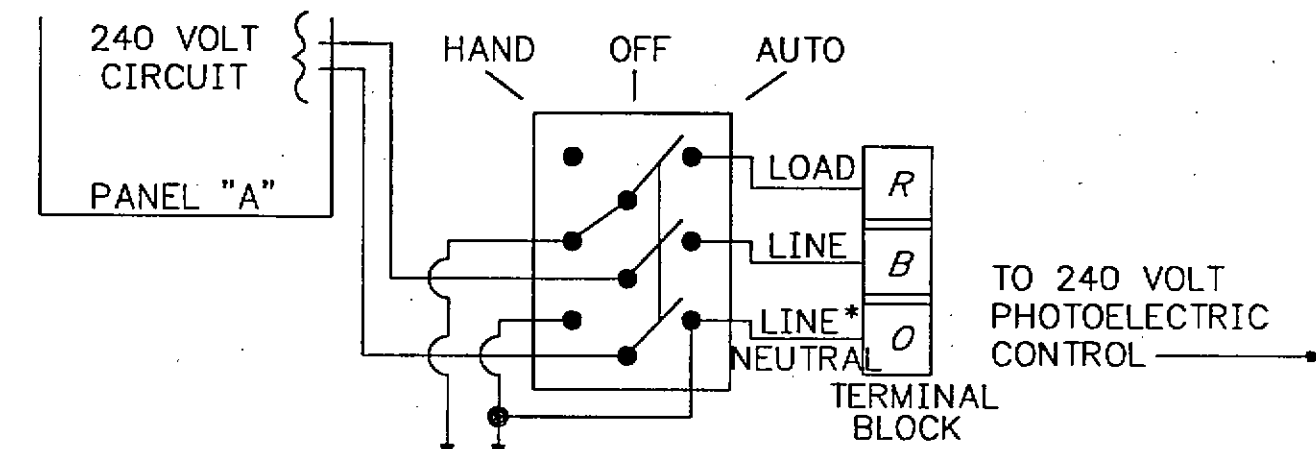


WIRING DIAGRAM

TYPE 1 LOAD CENTER

WIRING NOTES:

1. PROVIDE A TYPE I LOAD CENTER.
2. THE SERVICE VOLTAGE IS SHOWN IN THE LOAD CENTER SUMMARY. INSTALL TWO PANELS AS SHOWN.
3. PROVIDE LOAD PANELS SIZED FOR THE NUMBER OF DOUBLE POLE CIRCUIT BREAKERS SHOWN IN THE LOAD CENTER SUMMARY, ALLOWING SPACE FOR TWO SPARE DOUBLE POLE BREAKERS.
4. INSTALL TWO SPARE DOUBLE POLE 20 AMPERE BREAKERS IN ALL LOAD PANELS.
5. THE CONTROL CIRCUIT AND CONTACTOR COIL RATING IS 240 VOLT.
6. COORDINATE WITH SITKA ELECTRIC DEPARTMENT TO PROVIDE A SERVICE TO THE LOAD CENTER.
7. THE INTERRUPTING CAPACITY OF LOAD CENTER CIRCUIT BREAKERS SHALL BE 10,000 AIC AT 240 VOLTS UNLESS OTHERWISE NOTED. LOAD CENTER INTERRUPTION RATING MAY BE A SERIES RATING.
8. PROVIDE MEYERS TYPE HUBS THAT ARE UL LISTED AS A GROUNDING CONDUIT FITTINGS FOR WET LOCATIONS.
9. METALLIC CONDUITS, MUST BE GROUNDED PER THE NEC. PROVIDE INSULATED THROAT GROUNDING BUSHINGS.
10. GROUND CONDUCTORS TO BE COPPER SIZED PER NEC TABLES 250-94 AND 250-95, UNLESS NOTED AS LARGER; #8 AWG MINIMUM.
11. SEE LOAD CENTER SUMMARY FOR CIRCUIT AND COMPONENT DESCRIPTIONS AND RATINGS.

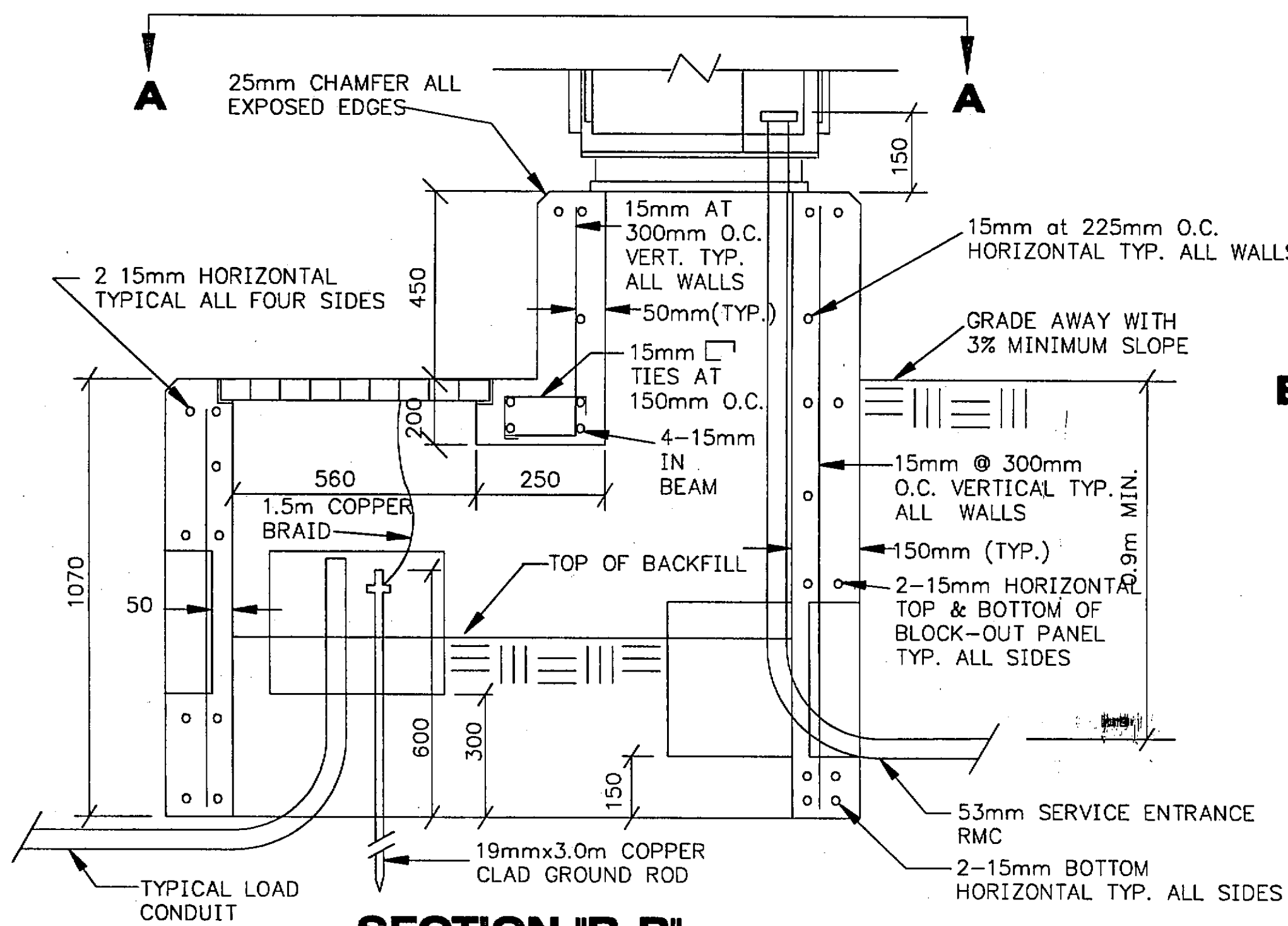


SELECTOR SWITCH WIRING

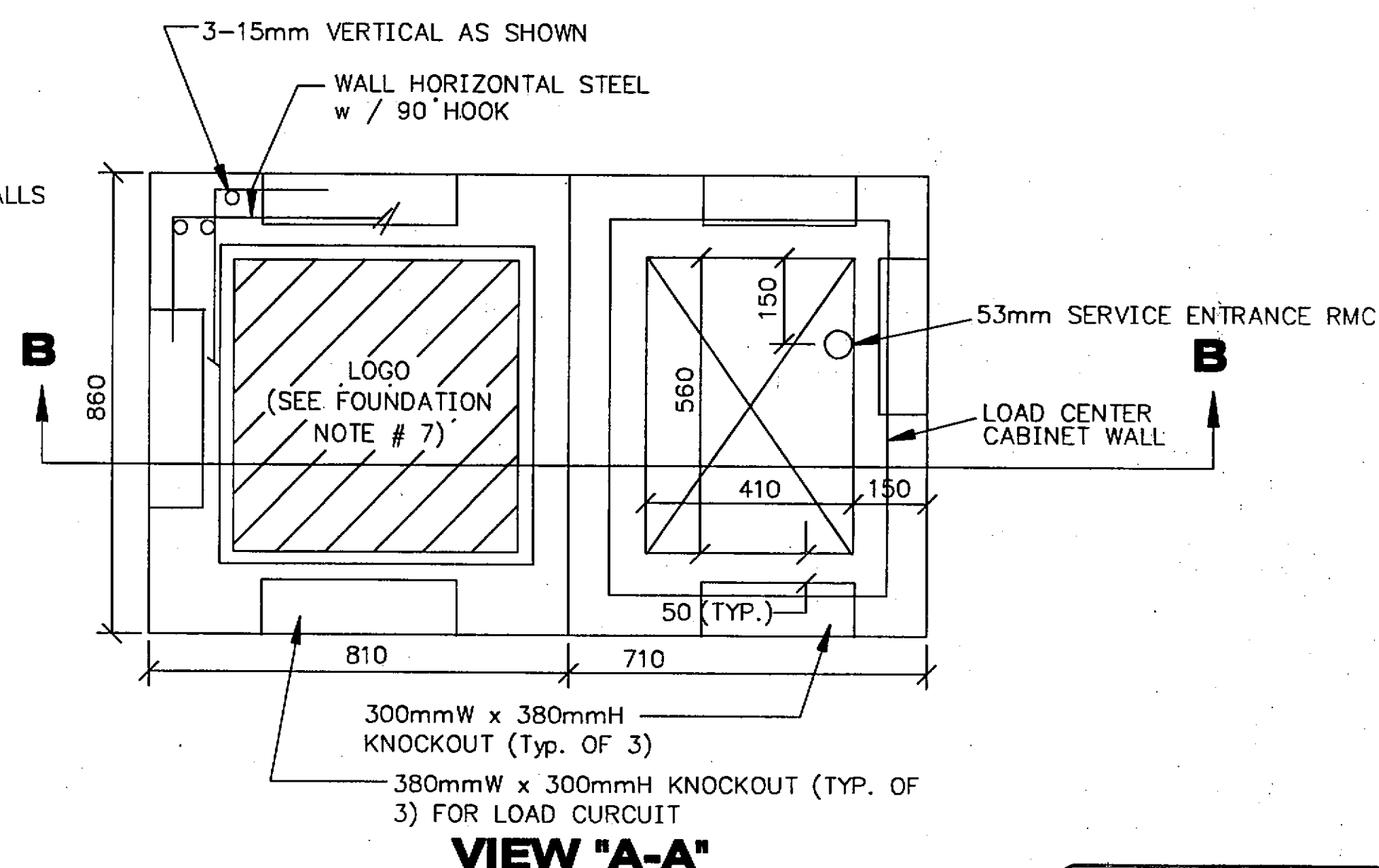
(USING 10 AMP, 3 POLE, 3 POSITION SWITCH)
*GROUNDED NEUTRAL

FOUNDATION & LOCATION NOTES:

1. INSTALL THE BASE SO THE CAST IRON COVER IS FLUSH WITH THE PAVEMENT, SIDEWALK, OR FINISHED GRADE. GRADE AWAY FROM THE BASE WITH A MINIMUM SLOPE OF 3%. USE A PRE-MOULDED BITUMINOUS JOINT BETWEEN THE BASE AND CONCRETE SIDEWALK OR PAVING.
2. EXCAVATE 1525 mm BELOW FINISH GRADE FOR THE BASE AND INSTALL A DRAIN CONSISTING OF 450 mm OF COARSE CONCRETE AGGREGATE AS APPROVED BY THE ENGINEER. BACK-FILL AROUND THE BASE IN 150 mm LIFTS WITH SELECTED MATERIAL TYPE "A".
3. BACKFILL INSIDE THE FOUNDATION TO WITHIN 610 mm OF THE LID AFTER ALL OF THE CONDUITS ARE INSTALLED, USING COARSE AGGREGATE. TERMINATE THE ENDS OF ALL LOAD CONDUITS A MINIMUM OF 150 mm ABOVE THE COARSE CONCRETE AGGREGATE SURFACE AND A MINIMUM OF 300 mm BELOW THE LID.
4. PROVIDE ANCHOR BOLTS OR EXPANSION ANCHORS IN THE BASE FOR MOUNTING THE CABINET PER THE MANUFACTURER'S SHOP DRAWINGS. ANCHOR BOLTS, NUTS AND WASHERS SHALL CONFORM TO EITHER ASTM A307 OR A449 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153.
5. USE GRADE 60 REINFORCING STEEL CONFORMING TO ASTM A615.
6. USE CLASS "A" CONCRETE CONFORMING TO SECTION 501 OF THE SPECIFICATIONS.
7. FINISH THE BASE ACCESS OPENING WITH A 501 mm SQUARE IRON FRAME AND COVER, WEIGHING APPROXIMATELY 127KG. PROVIDE COVERS INSCRIBED WITH THE LEGEND "LIGHTING" FOR THOSE LOAD CENTERS WITH STREET LIGHTING CIRCUITS ONLY, AND "TRAFFIC" FOR THOSE LOAD CENTERS WITH A TRAFFIC SIGNAL CIRCUIT.
8. THE BASE MAY BE PRECAST. IF IT IS PRECAST, INSTALL 4 EACH 19 mm FERRULE LOOP INSERTS FOR LIFTING, TWO ON EACH LONG SIDE.



SECTION "B-B"



VIEW "A-A"

(PLAN VIEW)

TYPE 1 LOAD CENTER BASE

NOTE: STOP HORIZONTAL & VERTICAL STEEL AT BLOCK-OUT PANELS & OPTIONAL JOINT USING HOOK. INSTALL 2 EXTRA 15mm HORIZONTAL & VERTICAL BARS ON ALL SIDES OF EACH KNOCKOUT.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

PATH:
Q:\SIT\68039\PlanSet\K_ElectricDets.dwg
Thu, 19/Jul/01 09:28AM Michael Limbaug
PLOT:
PSPACE 1=1(F) OR MSPACE 1=1(F)
TAB: LOADCENTER

ADDENDUM NUMBER

ATTACHMENT NUMBER

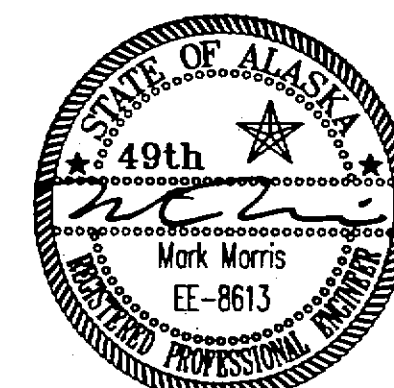
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Type 1 Load Center Details

DESIGNED BY: M. MORRIS



CHECKED BY: M. MORRIS

DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV

PROJECT NO. 68039

Type 1 Load Center Details

PROJECT DESIGNATION NUMBER

AIP #3-02-0268-1101

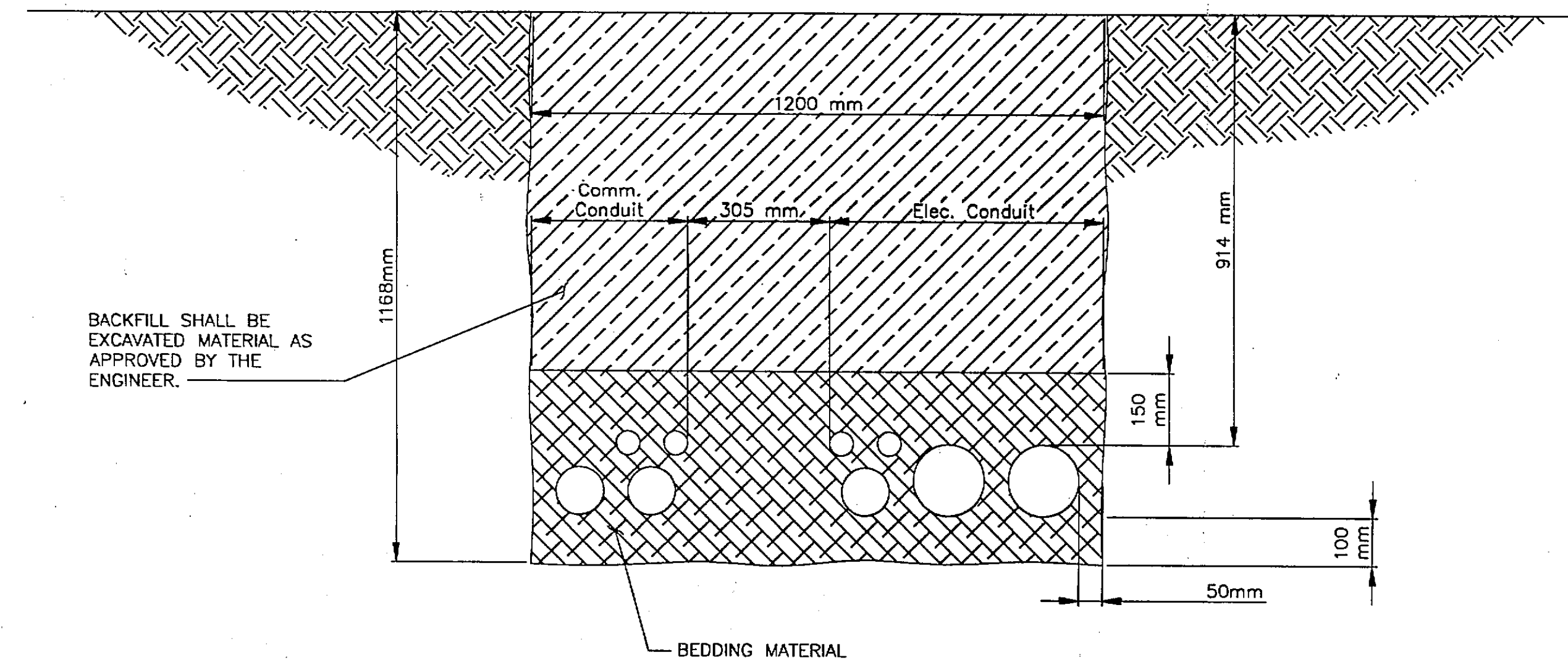
STATE YEAR

ALASKA 2001

SHEET NUMBER TOTAL SHEETS

K6

527

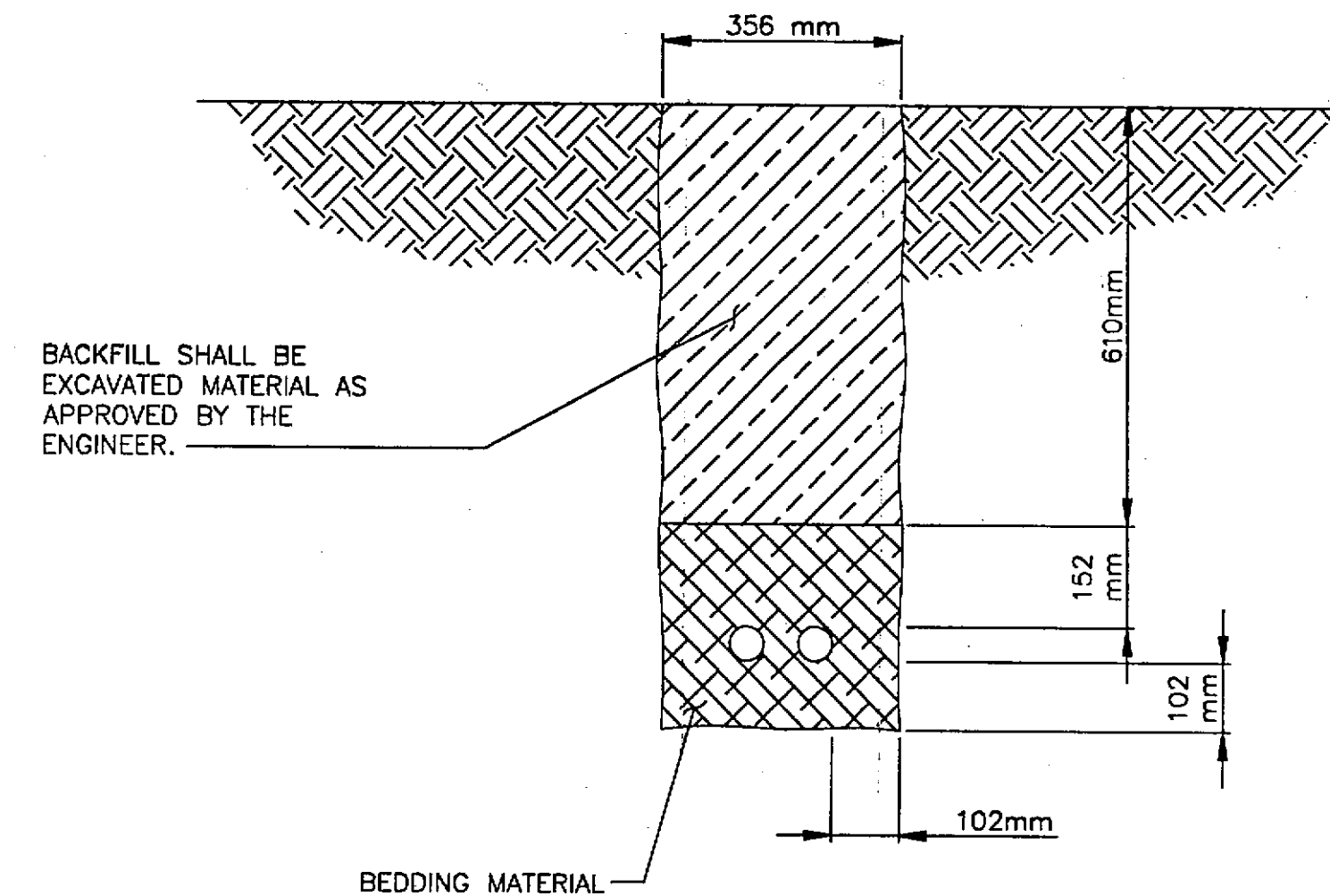


TYPE A TRENCH DETAIL

NO SCALE

NOTES:

1. THIS IS A TYPICAL TRENCH SECTION SHOWING MINIMUM DIMENSIONS AND REQUIRED MATERIALS. CONFIGURE ALL TRENCHES AS NECESSARY TO COMPLY WITH DIMENSIONS SHOWN.
2. BURY ALL CONDUIT IN TYPE A TRENCH AT 914mm MINIMUM BELOW FINISH GRADE UNLESS OTHERWISE NOTED.
3. TRENCH BEDDING AND BACKFILL TO BE COMPACTED TO 95% MAXIMUM DENSITY (SPECIFICATION P-152).
4. SEE SHEETS K1, K2, & K3 FOR NUMBER OF CONDUITS IN TRENCH.
5. WHERE TRENCHING THROUGH EXISTING ASPHALT, PATCH ASPHALT USING STRUCTURAL SECTION TO MATCH. PAVEMENT GRADE MUST MATCH EXISTING AND NOT DEVIATE MORE THAN 12 mm WHEN MEASURED FROM A 3.048 STRAIGHT EDGE.
6. BEDROCK MAY BE ENCOUNTERED DURING EXCAVATION. REMOVAL OF THE BEDROCK WILL BE PAID FOR UNDER THE BID ITEM P-152k TRENCH EXCAVATION - ROCK. THIS INCLUDES RIPPING OR DRILLING AND BLASTING AND ALL OTHER WORK REQUIRED TO REMOVE THE BEDROCK TO THE REQUIRED EXCAVATION DEPTH.
7. WHERE TRENCHING WILL BE UNDER NEW PAVEMENT, THE TOP 450 mm WILL BE REPLACED WITH THE PAVEMENT STRUCTURAL SECTION. (50 mm BIT. MIX., 100 mm CRUSHED AGG. BASE, 300mm SUBBASE).



TYPE B TRENCH DETAIL

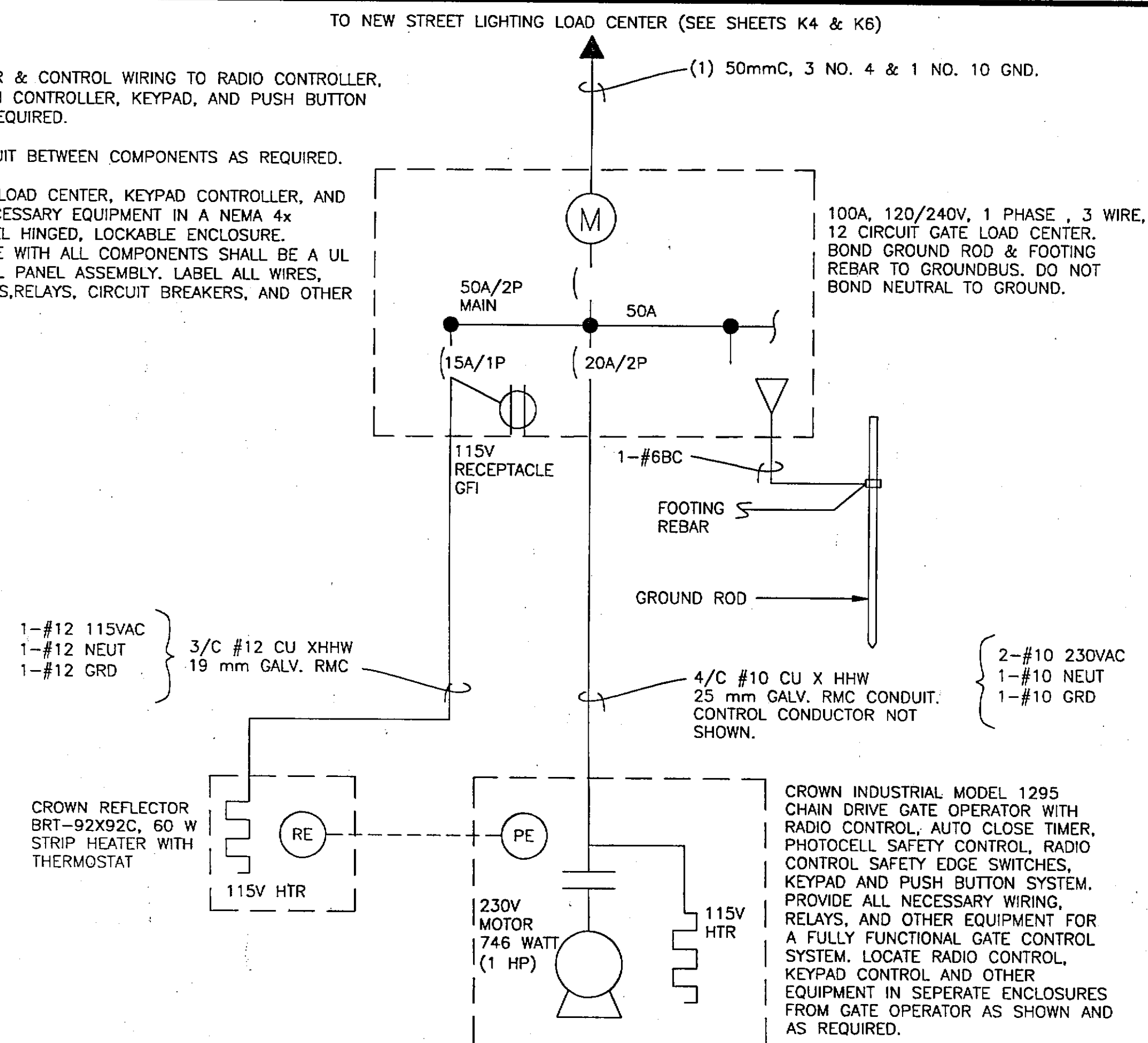
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NOTES:

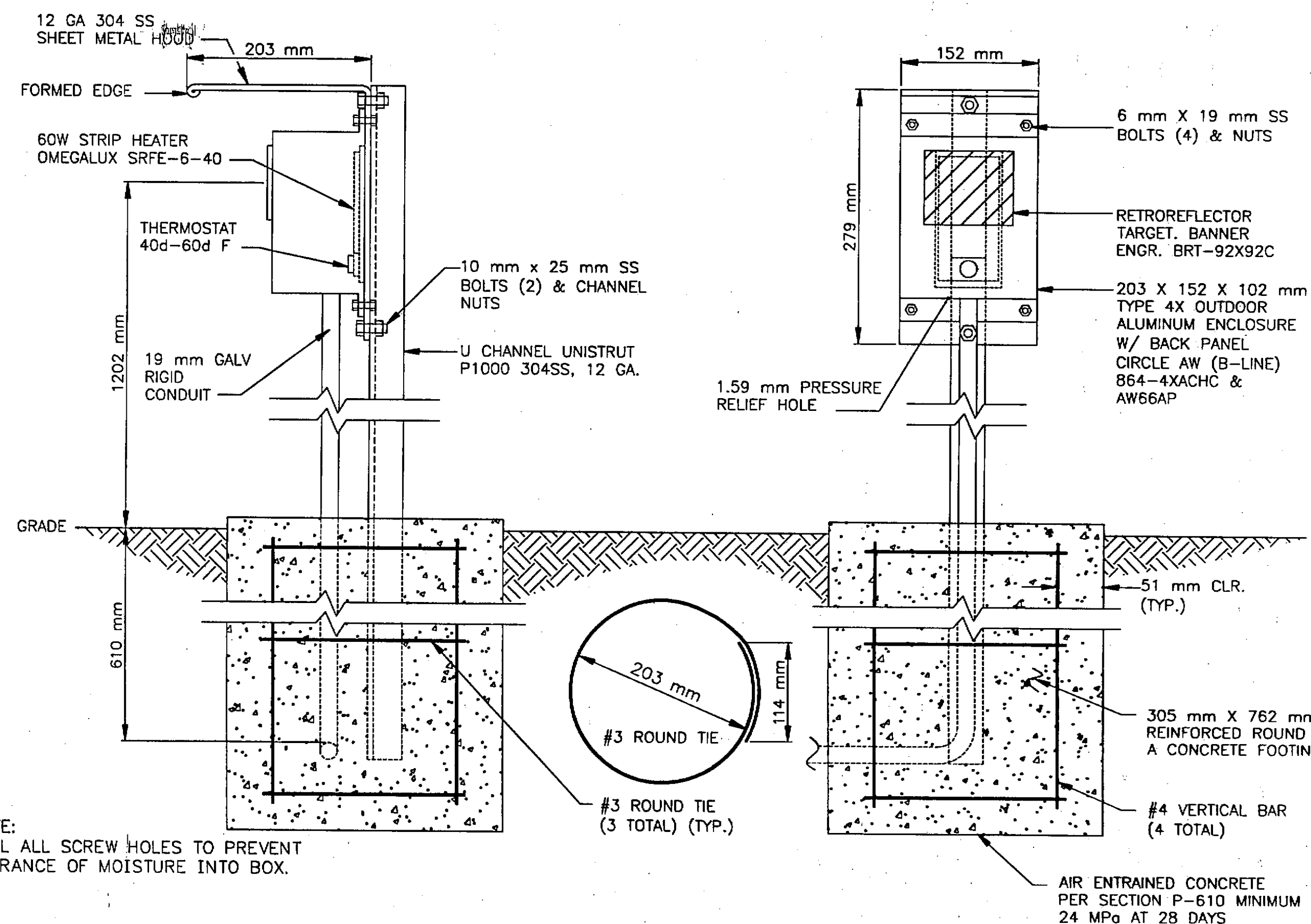
1. THIS IS A TYPICAL TRENCH SECTION SHOWING MINIMUM DIMENSIONS AND REQUIRED MATERIALS. CONFIGURE ALL TRENCHES AS NECESSARY TO COMPLY WITH DIMENSIONS SHOWN.
2. BURY ALL CONDUIT IN TYPE B TRENCH AT 762 mm BELOW FINISH GRADE UNLESS OTHERWISE NOTED.
3. SLOPE CONDUIT AT 0.5% MIN. PER DETAIL ON SHEET E-15.
4. TRENCH BEDDING AND BACKFILL TO BE COMPACTED TO 95% MAXIMUM DENSITY (SPECIFICATION P-152).
5. CRUSHED AGGREGATE BASE COURSE TO BE COMPACTED TO 100% MAXIMUM DENSITY (SPECIFICATION P-152).
6. SEE SHEETS K1, K2, & K3 FOR NUMBER OF CONDUITS IN TRENCH.
7. WHERE TRENCHING THROUGH EXISTING ASPHALT, PATCH ASPHALT USING STRUCTURAL SECTION TO MATCH. PAVEMENT GRADE MUST MATCH EXISTING AND NOT DEVIATE MORE THAN 12 mm WHEN MEASURED FROM A 3.048 STRAIGHT EDGE.
8. BEDROCK MAY BE ENCOUNTERED DURING EXCAVATION. REMOVAL OF BEDROCK IS INCIDENTAL TO THE EXCAVATION AND IS PAID FOR UNDER THE BID ITEM FOR THE CONDUIT. THIS INCLUDES DRILLING AND BLASTING AND ALL OTHER WORK REQUIRED TO REMOVE THE BEDROCK TO THE REQUIRED EXCAVATION DEPTH. BURIAL DEPTH CAN BE REDUCED TO 305 mm WHERE TRENCHING THROUGH BEDROCK, AND ONLY IN AREAS TO BE PAVED WITH A MINIMUM OF 50 mm BITUMINOUS MIXTURE.

NOTES:

1. PROVIDE POWER & CONTROL WIRING TO RADIO CONTROLLER, KEYPAD SYSTEM CONTROLLER, KEYPAD, AND PUSH BUTTON STATIONS AS REQUIRED.
2. PROVIDE CONDUIT BETWEEN COMPONENTS AS REQUIRED.
3. PROVIDE GATE LOAD CENTER, KEYPAD CONTROLLER, AND ALL OTHER NECESSARY EQUIPMENT IN A NEMA 4x STAINLESS STEEL HINGED, LOCKABLE ENCLOSURE. THE ENCLOSURE WITH ALL COMPONENTS SHALL BE A UL LISTED CONTROL PANEL ASSEMBLY. LABEL ALL WIRES, TERMINAL STRIPS, RELAYS, CIRCUIT BREAKERS, AND OTHER COMPONENTS.



GATE ONE LINE DIAGRAM



RETROREFLECTOR TARGET DETAIL

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 4-6-05

PATH:
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TAB: TRENCHDETS

ADDENDUM NUMBER

ATTACHMENT NUMBER

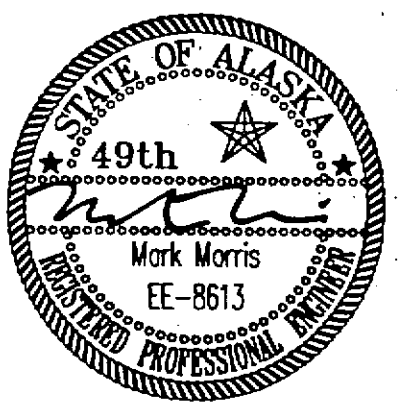
RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

Miscellaneous Electrical Details

DESIGNED BY: M. MORRIS



CHECKED BY: M. MORRIS

DRAWN BY: R. SNYDER

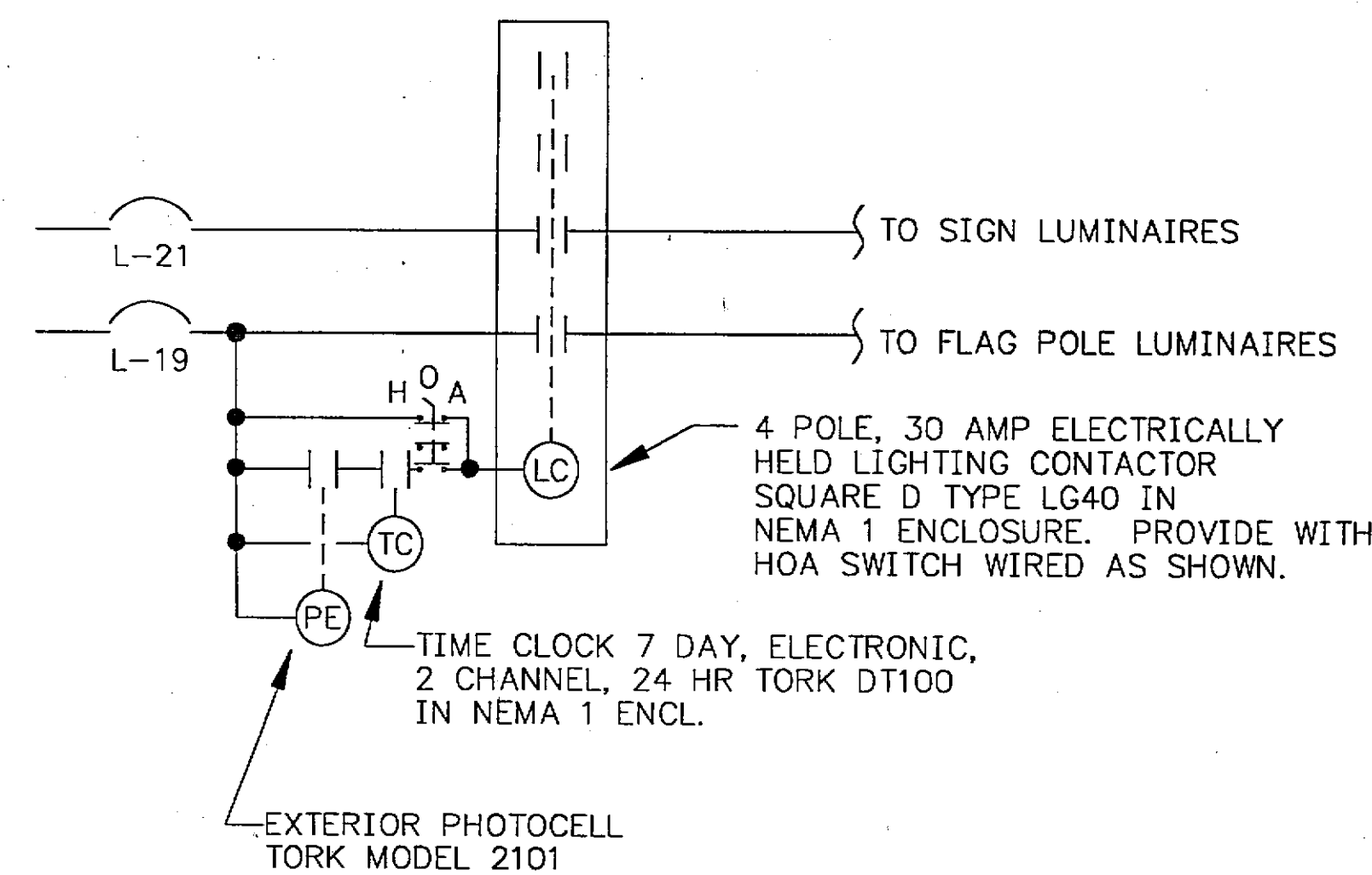
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

**SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
Type 1 Load
Center Details**

PROJECT DESIGNATION NUMBER

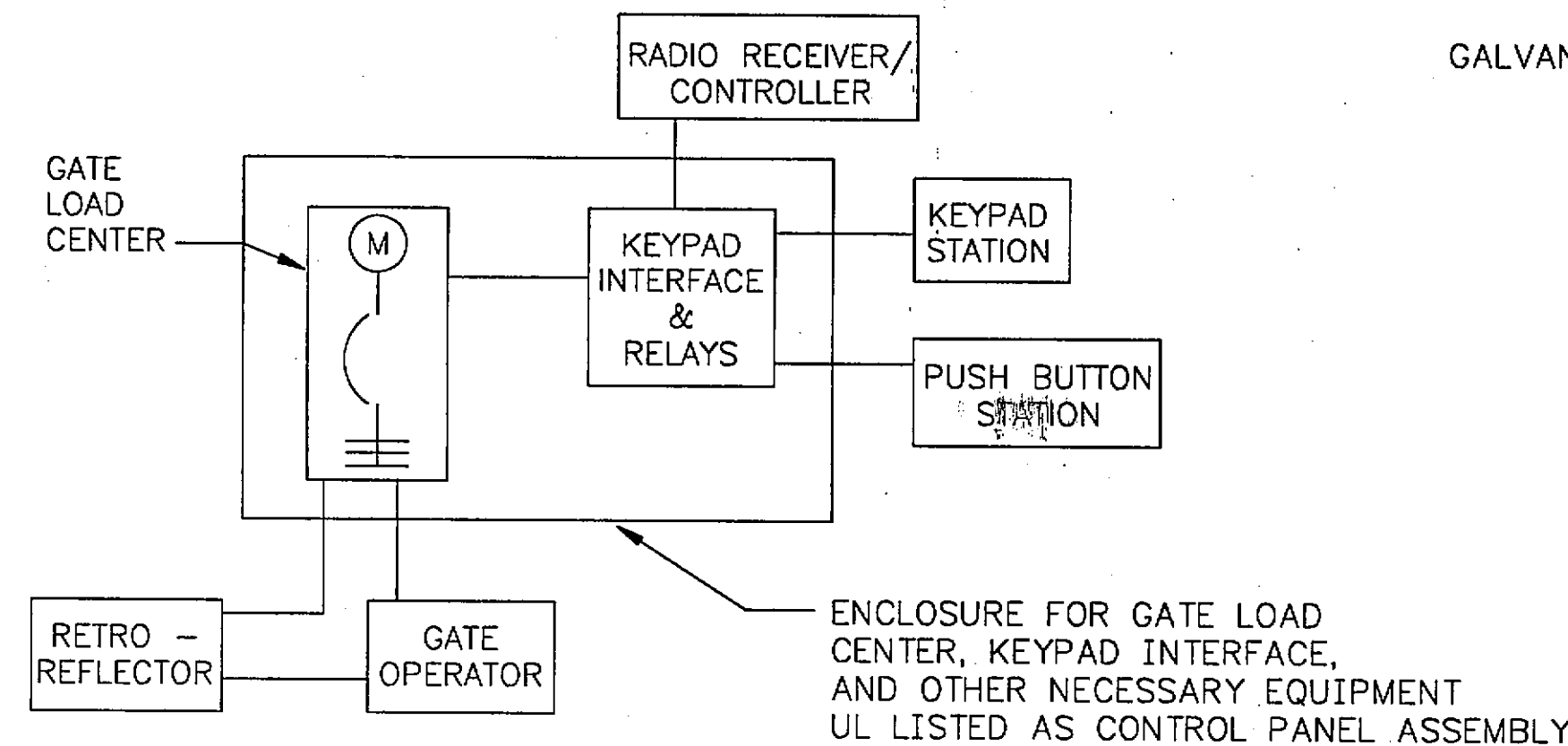
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
K7	527



COAST GUARD LIGHTING CONTROL SCHEMATIC

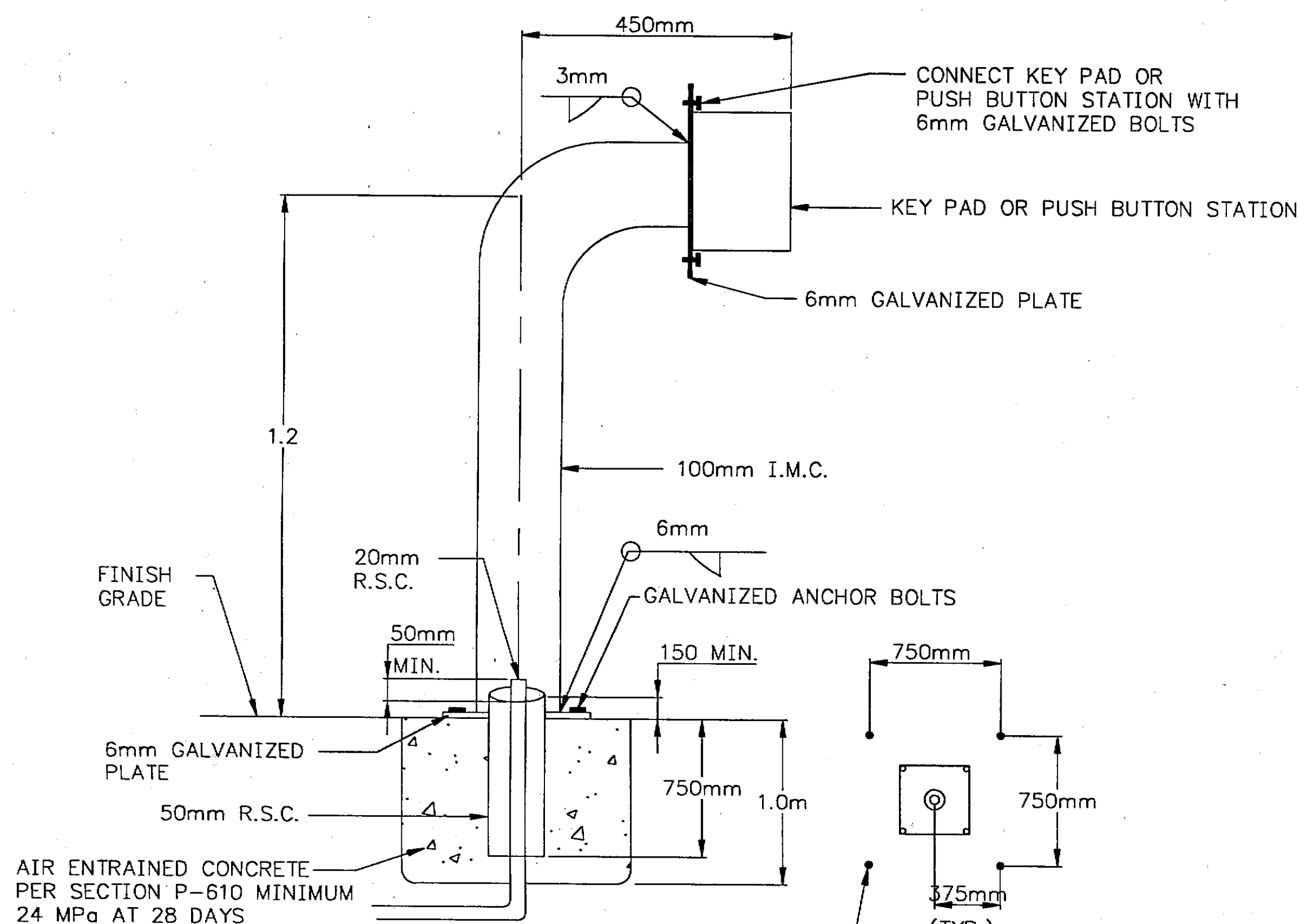
NOTE:
MOUNT CONTACTOR NEXT TO PANEL L IN ELECTRICAL ROOM. MOUNT PHOTOCELL ON BUILDING EXTERIOR AT 7' MIN. AFF. SHIELD PE CELL FROM ALL LUMINAIRES.



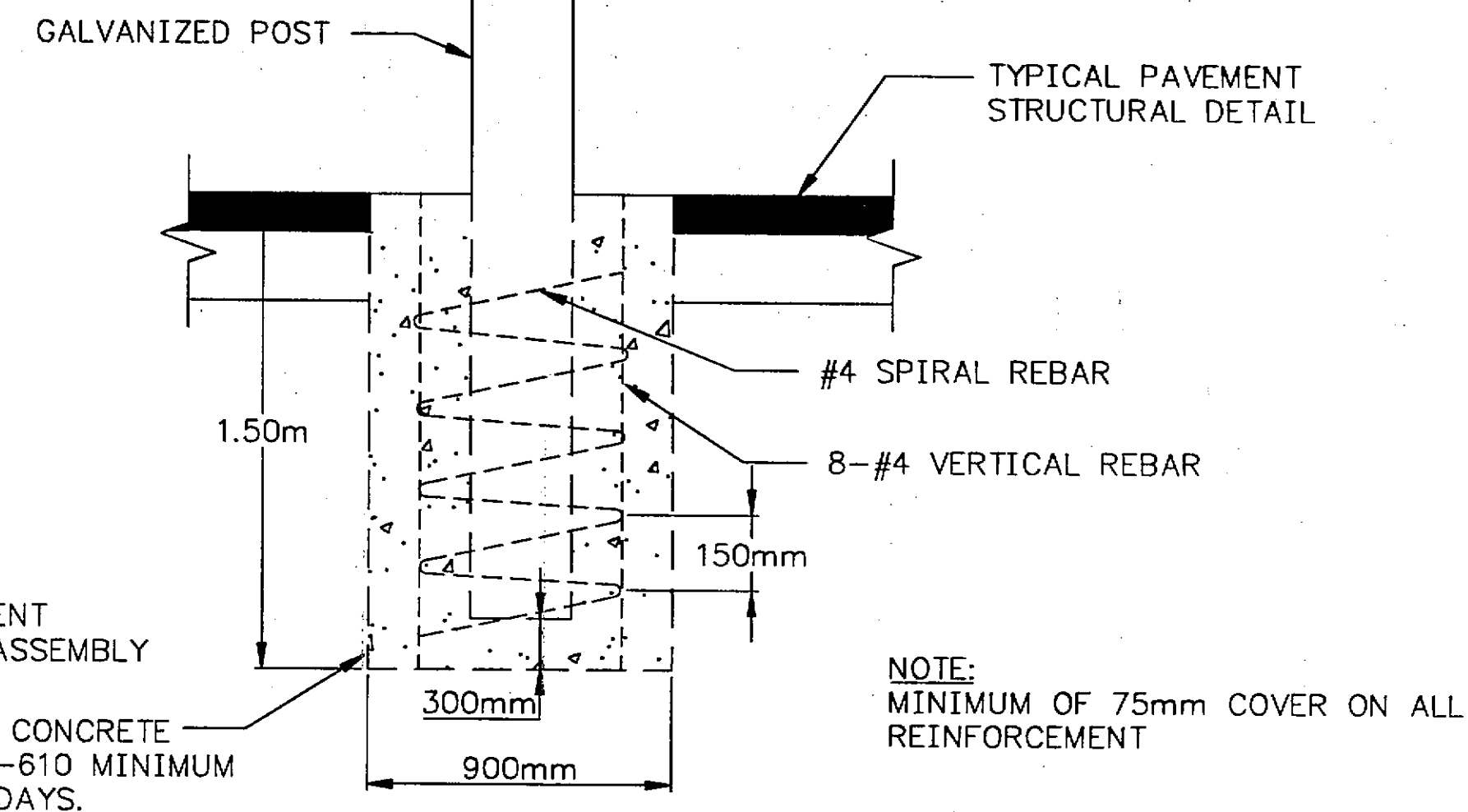
NOTES:

1. ALL ENCLOSURES AND HOUSINGS SHALL BE IN NEMA 4x HINGED ENCLOSURES.
2. MOUNT EQUIPMENT WHERE SHOWN ON DRAWINGS.
3. PROVIDE ALL CONDUIT AND WIRE BETWEEN ALL ENCLOSURES AS NECESSARY TO PROVIDE A FULLY OPERABLE SYSTEM.

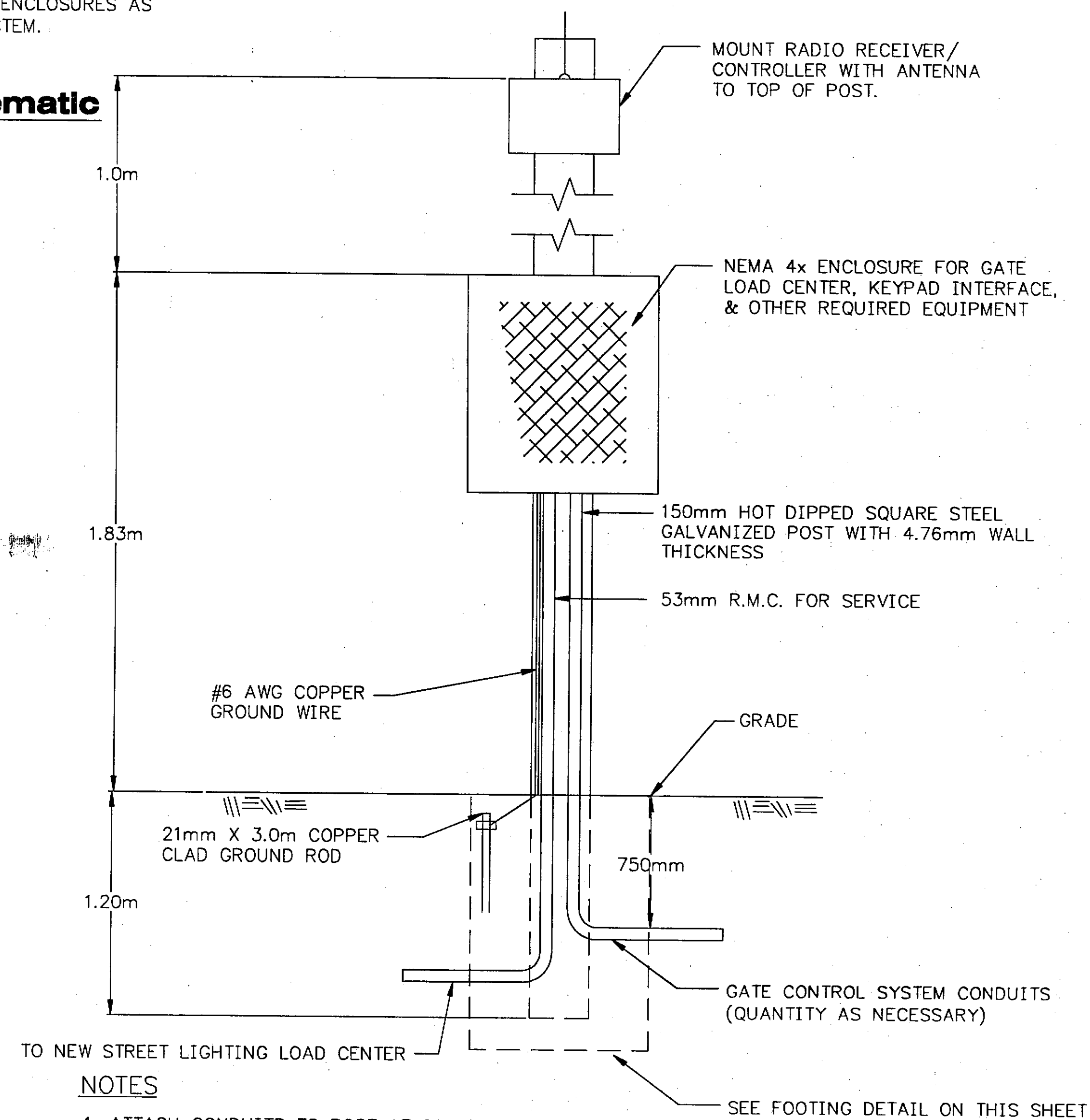
Gate Control System Schematic



Key Pad Or Push Button Station Detail



Gate Load Center & Control Equipment Footing Detail



NOTES

1. ATTACH CONDUITS TO POST AT 600 INTERVALS.
2. ATTACH GROUND WIRE TO POST AT 300mm INTERVALS.

Gate Load Center & Control Equipment Enclosure Mounting Detail

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

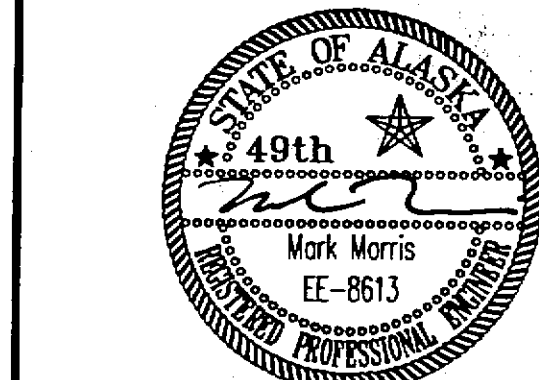
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TAB: MISCDETS

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

DESIGNED BY: M. MORRIS



CHECKED BY: M. MORRIS

DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT - APRON & TAXIWAY
STAGE IV

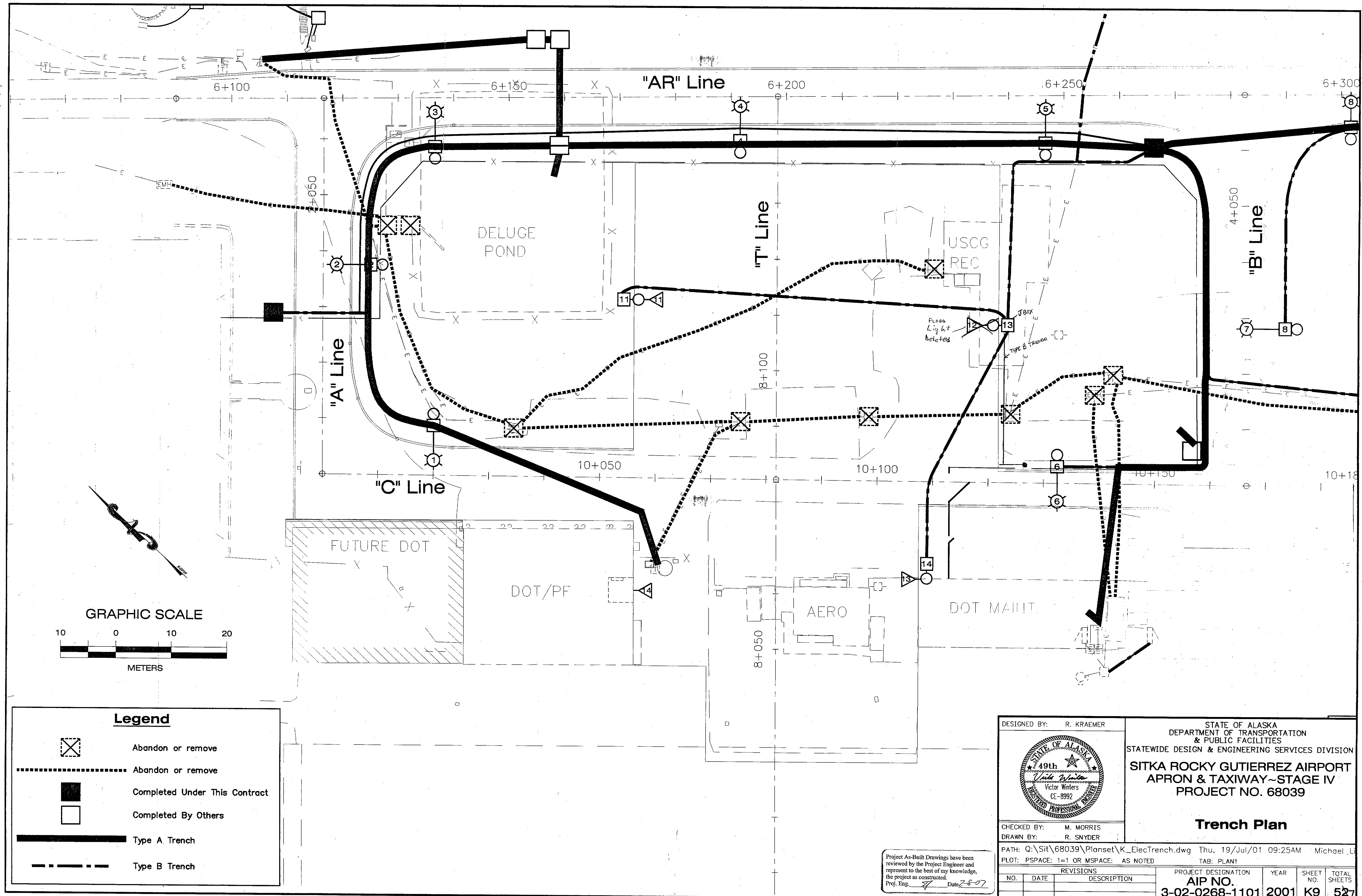
PROJECT NO. 68039
**Miscellaneous
Electrical Details**

PROJECT DESIGNATION NUMBER

AIP #3-02-0268-1101

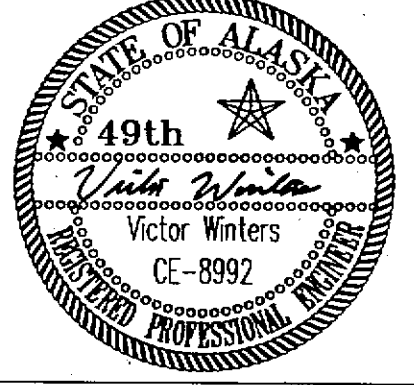
STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
K8	527

Miscellaneous Electrical Details



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Prof. Eng. *[Signature]* Date *2-8-07*

DESIGNED BY: R. KRAEMER



CHECKED BY: M. MORRIS
DRAWN BY: R. SNYDER

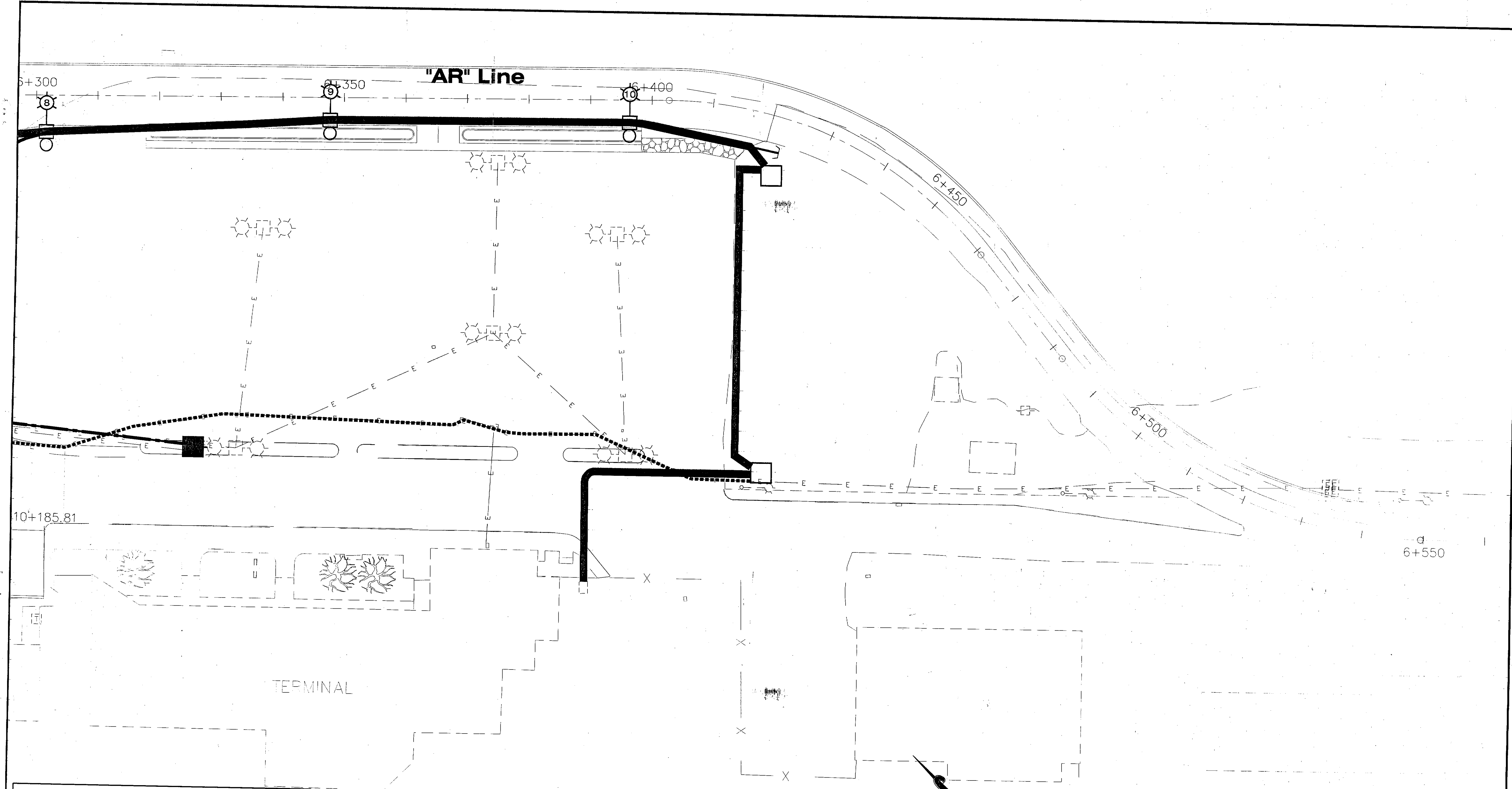
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION

**SITKA ROCKY GUTIERREZ AIRPORT
APRON & TAXIWAY-STAGE IV
PROJECT NO. 68039**

Trench Plan

PATH: Q:\Sit\68039\PlanSet\K_ElecTrench.dwg Thu, 19/Jul/01 09:25AM Michael L
PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: PLAN1

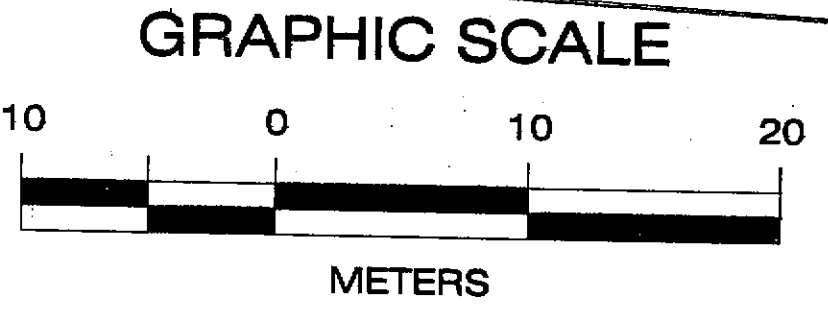
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NO.	DATE				

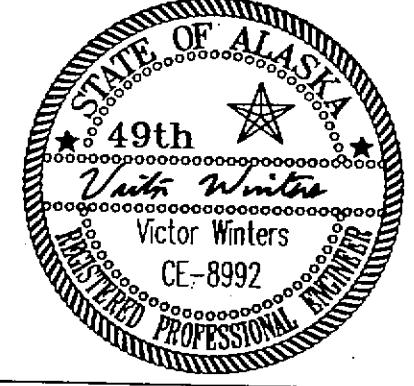


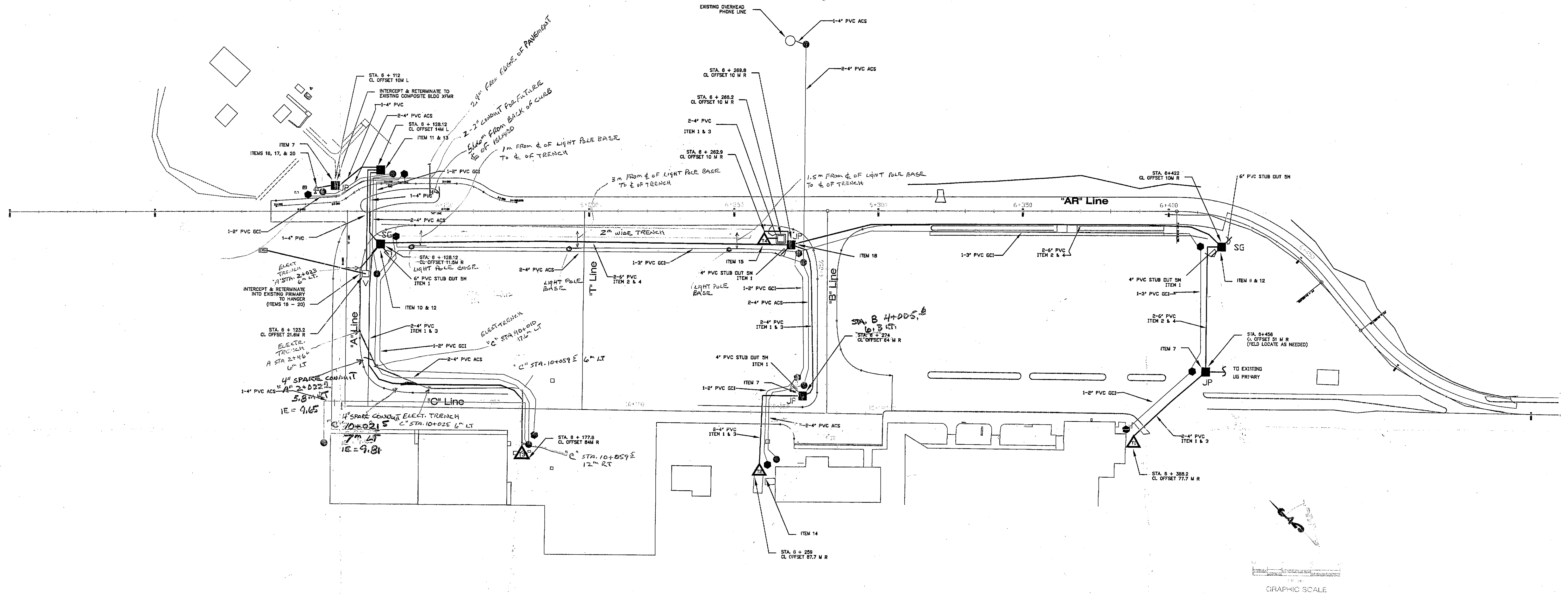
LEGEND

-  Abandon or remove
-  Abandon or remove
-  Completed Under This Contract
-  Completed By Others
-  Type A Trench
-  Type B Trench

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Engr. *[Signature]* Date 2/24/06



DESIGNED BY: R. KRAEMER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION			
		SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039			
		Trench Plan			
CHECKED BY: M. MORRIS		PROJECT DESIGNATION			
DRAWN BY: R. SNYDER		AIP NO.			
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PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: PLAN2		YEAR			
		SHEET NO.			
		TOTAL SHEETS			
		527			



LEGEND

	LIGHTING LOAD CENTER
	CONDUIT & CONDUCTOR AS INDICATED
	ELECTRICAL PADMOUNT TRANSFORMER (NUMBERED AS INDICATED)
	ELECTRICAL ENCLOSURE, BOX PAD, & JUNCTION PEDESTAL
	ELECTRICAL PADMOUNT ENCLOSURE & SWITCHGEAR
	ELECTRICAL PADMOUNT ENCLOSURE & METERING
	VAULT
	EXISTING CONDUIT & CONDUCTOR
	GCI PEDESTAL
	ACS PEDESTAL

NOTES:

1. LOCATION OF ACS AND GCI EQUIPMENT TO BE FIELD LOCATED.
2. ACS, GCI, AND ELECTRIC UTILITY EQUIPMENT SHALL BE LOCATED WITH ADEQUATE SPACE FOR ACCESS.
3. CONDUIT SHALL BE INSTALLED WITH SEPERATIONS AS OUTLINED IN THE CBS AND NESC STANDARDS.
4. CONDUIT TO BE INSTALLED BY CITY OF SITKA ELECTRIC DEPARTMENT.

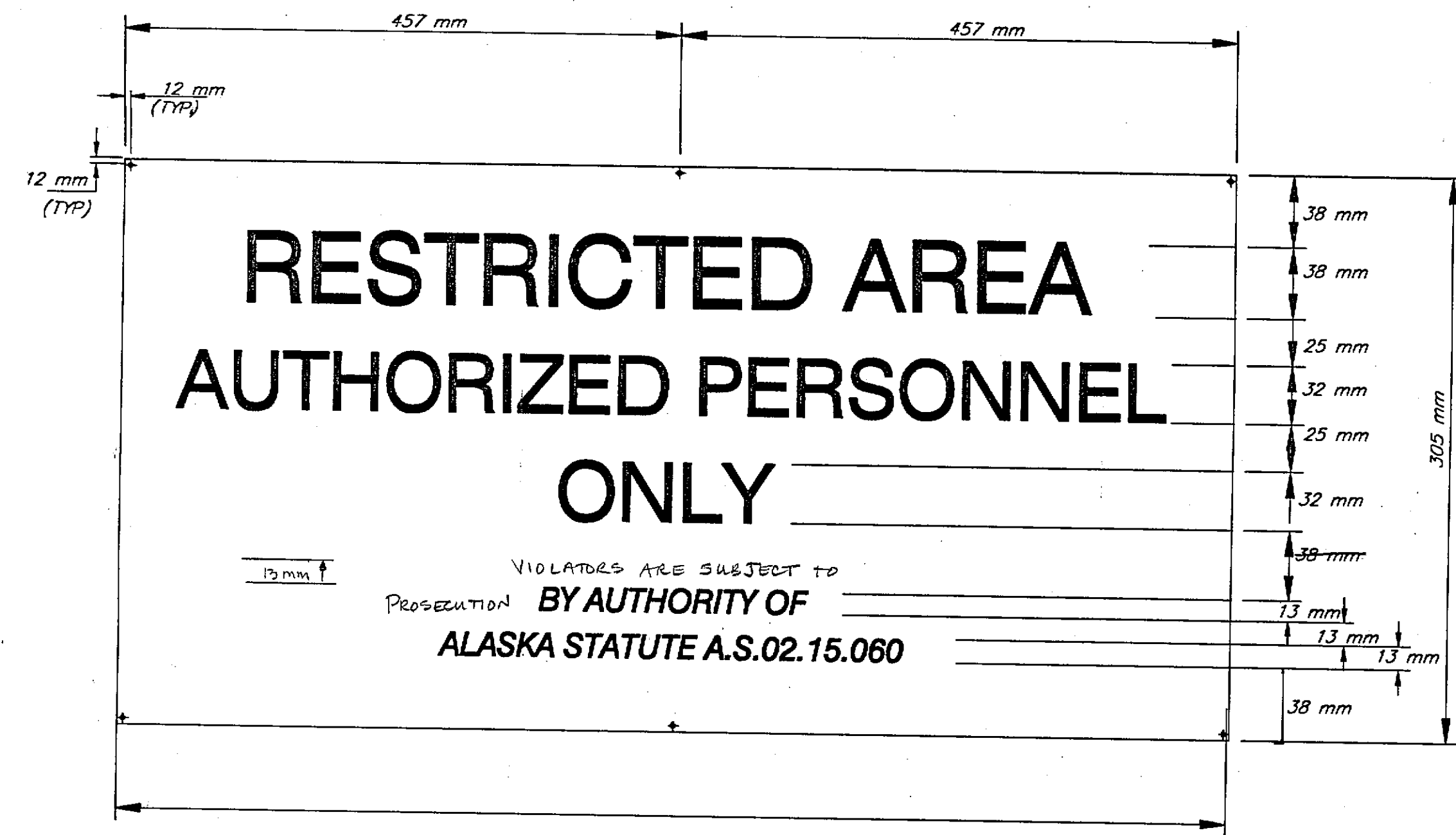
ITEM NO.	DESCRIPTION	MANUFACTURER	CAT. NO.	QTY.
1	4" SCHEDULE 80 PVC CONDUIT	CITY WAREHOUSE	N/A	3000'
2	6" SCHEDULE 80 PVC CONDUIT	CITY WAREHOUSE	N/A	2900'
3	15 KV #2 AL JCN 220 MIL FN CONDUCTOR	OKONITE	128-23-9284	5200'
4	15 KV 500 MCM CU JSPC 220 MIL CONDUCTOR	OKONITE	115-23-3131	3300'
5	15 KV 200A LOADBREAK ELBOW	COOPER	LE215A04TX	53
6	15 KV 600A DEADBREAK ELBOW	COOPER	TP615F21TC (WITH SA2 GRND SHLD ADAPTER)	12
7	15 KV 200A JUNCTION PEDESTAL & ENCLOSURE	PDI	CJP-35-56-L2-WG-2415-GB38-1730	3
8	15 KV 600A JUNCTION PEDESTAL & ENCLOSURE	PDI	CJP-35-56-L2-WG-(2)6(2)2415-GB38-1791	1
9	15 KV 600A SWITCHGEAR W/ SF6 & MOTOR DP. PROVISIONS	PDI	PS4-86-1816-L2-WG	1
10	15 KV 600A SWITCHGEAR W/ VFI (SF6 & MOTOR DP. PROVISIONS)	PDI	PS4-86-1817-L2-WG	1
11	15 KV 200A METERING ENCLOSURE	PDI	PS4-74-1489R-L2-WG-GB38	1
12	FIBERGLASS BOX PAD (FOR SWITCHGEAR)	PDI	TO BE ASSIGNED	2
13	FIBERGLASS BOX PAD (FOR METERING)	PDI	BP-78W64M30-WG-1684	1
14	FIBERGLASS BOX PAD (FOR 3Ø XFMR - T2)	PROGLASS, INC.	TO BE ASSIGNED	1
15	FIBERGLASS BOX PAD (FOR 1Ø XFMR)	PROGLASS, INC.	TX423820TI	1
16	CABLE BREAKOUT BOOT	RAYCHEM	CB3-3-S	2
17	HEAT SHRINK TUBING	RAYCHEM	WCSM 51/16-1200-S	6
18	CONCRETE UNDERGROUND VAULT	UTILITY VAULT	577-LA (STEEL PLATE THAT SAYS, 'TRAFFIC')	1
19	15 KV 200A 3 WAY LOADBREAK JUNCTION	COOPER	LJ215C3B	3
20	15 KV 200A LOADBREAK ELBOW	COOPER	LE215B08TX	6
21	BARE COPPER GROUND CONDUCTOR (250 MCM)	CITY WAREHOUSE	N/A	1100'
T1	EXISTING 150 KVA 12.47/7.2 KV GRD Y 120/208 V GRD Y XFMR	N/A	N/A	1
T2	NEW 75 KVA 12.47/7.2 KV GRD Y 120/208 V GRD Y XFMR	CITY WAREHOUSE	N/A	1
T3	EXISTING 112.5 KVA 12.47/7.2 KV GRD Y 120/208 V GRD Y XFMR	N/A	N/A	1
T4	1Ø 10 KVA 7.2 KV 120/240 V TRANSFORMER (PADMOUNT)	CITY WAREHOUSE		1

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039
PRIMARY ELECTRICAL

PROJECT DESIGNATION NUMBER

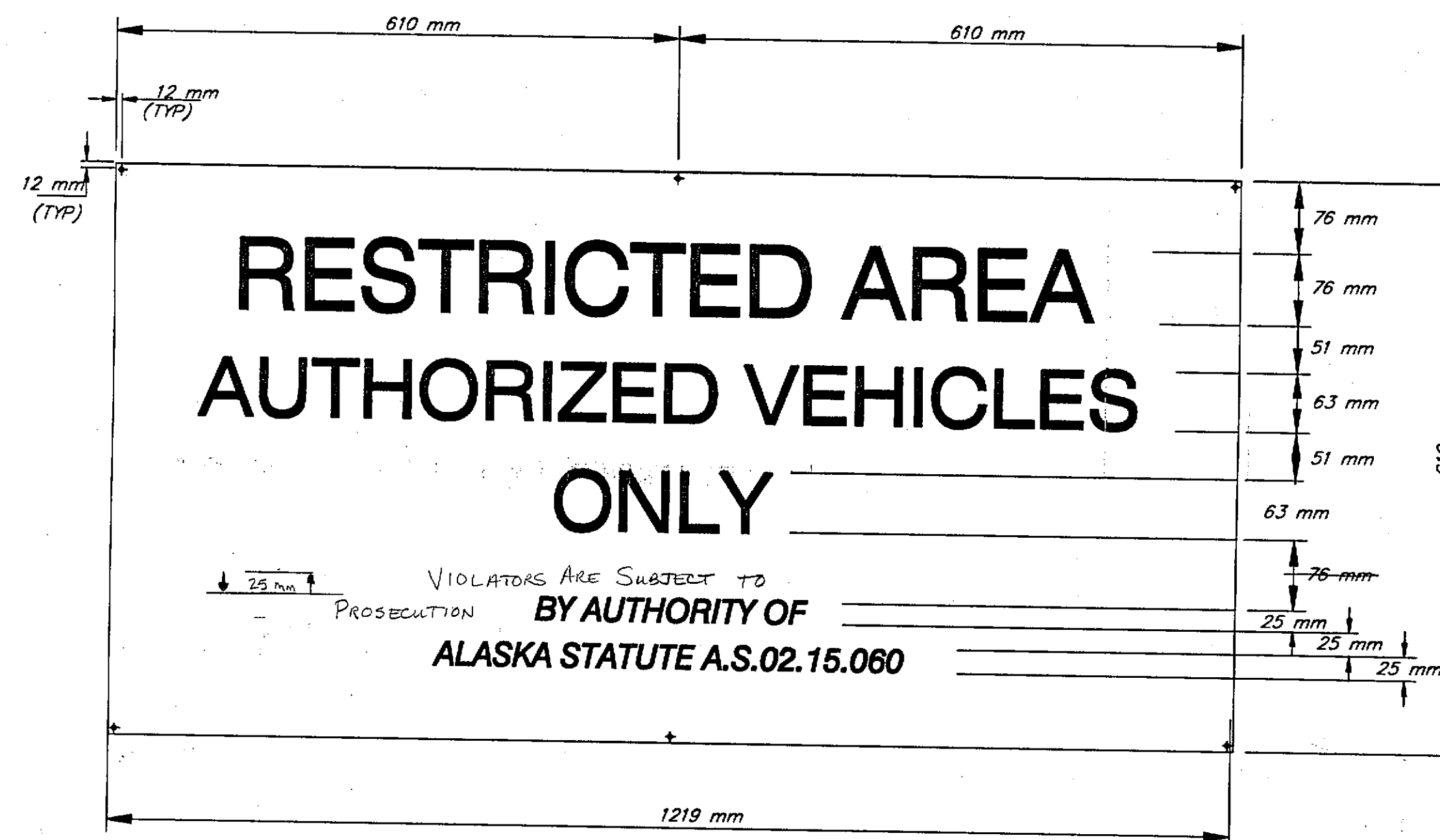
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
K11	57

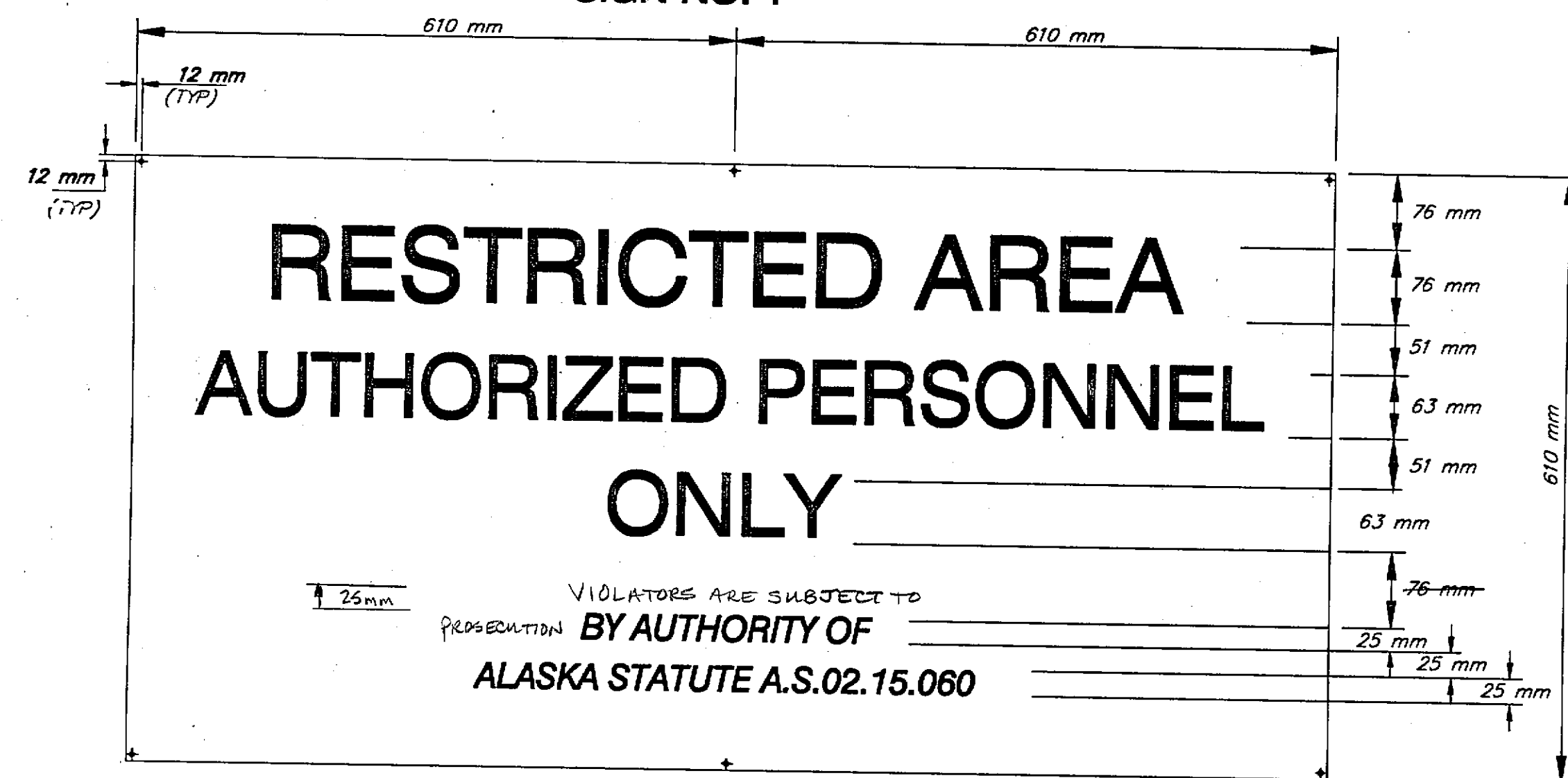


BOUNDARY SIGN PLATE DETAIL
SIGN NO. 1

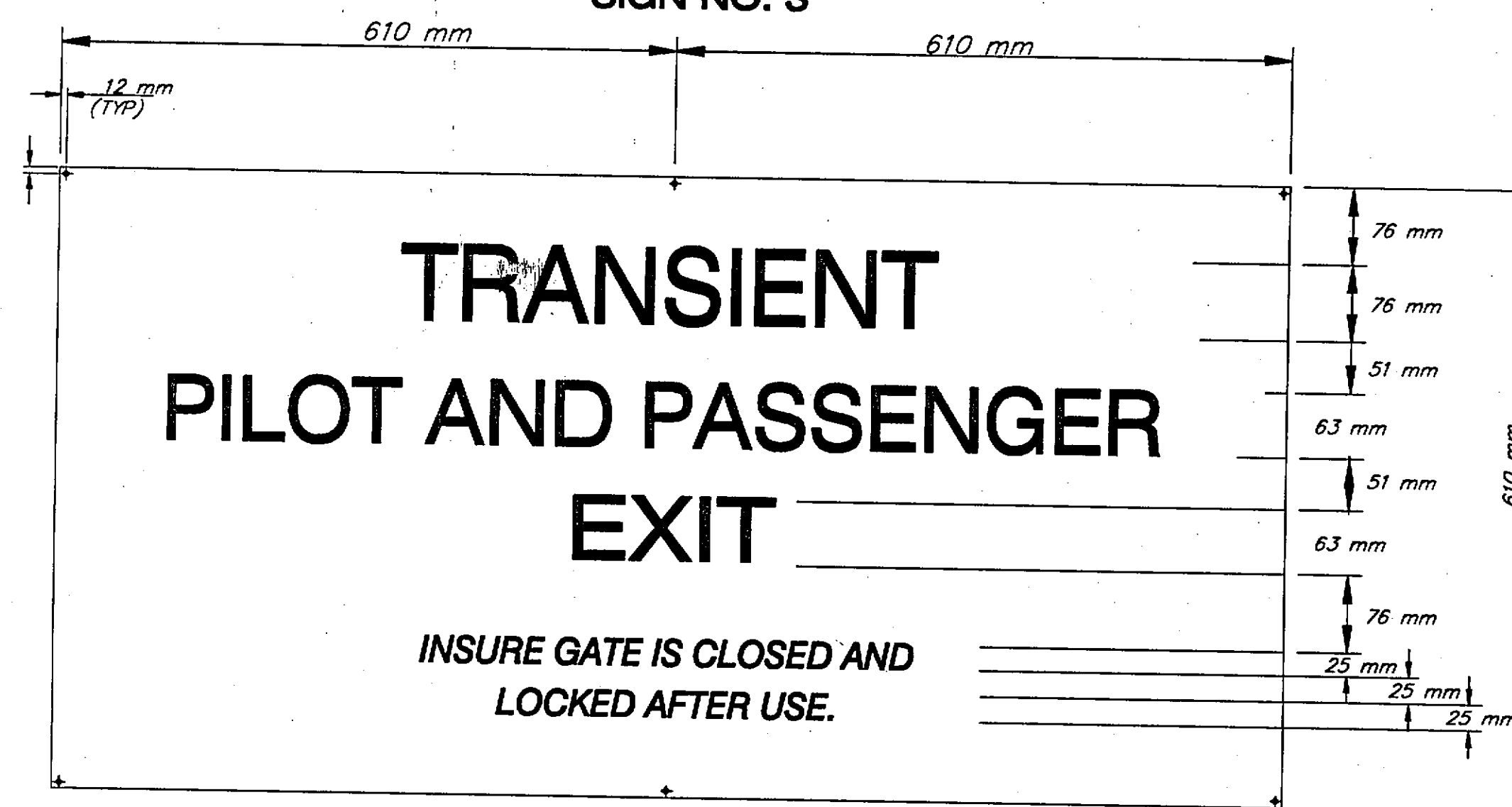
VIOLATORS ARE SUBJECT TO
PROSECUTION BY AUTHORITY OF
ALASKA STATUTE A.S.02.15.060



GATE SIGN - VEHICLES
SIGN NO. 3



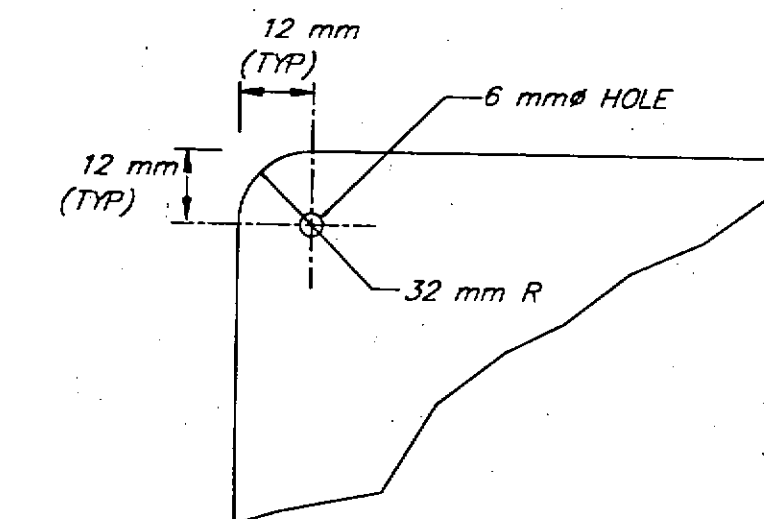
GATE SIGN - PERSONNEL
SIGN NO. 2



INFORMATIONAL SIGN
SIGN NO. 4

NOTES:

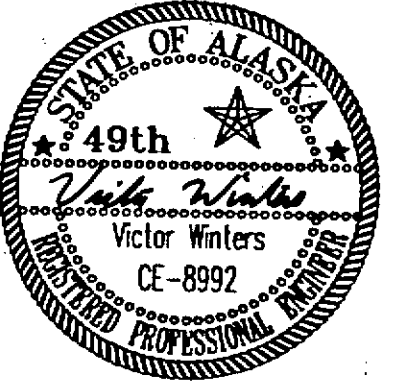
1. SIGN PLATES SHALL HAVE RED REFLECTIVE SHEETING WITH WHITE LETTERING.
2. SIGN PLATES SHALL BE PLACED ON THE FENCE OR GATES 1500 mm ABOVE THE GROUND. (MEASURED TO BOTTOM OF SIGN)
3. ALL SIGNS SHALL BE ATTACHED TO THE FENCE WITH 9 GAUGE GALVANIZED WIRE AT ALL FOUR CORNERS.
4. THE "BOUNDARY" SIGN PLATES SHALL BE PLACED EVERY 90 m ALONG THE 2.4 m CHAIN LINK FENCE.



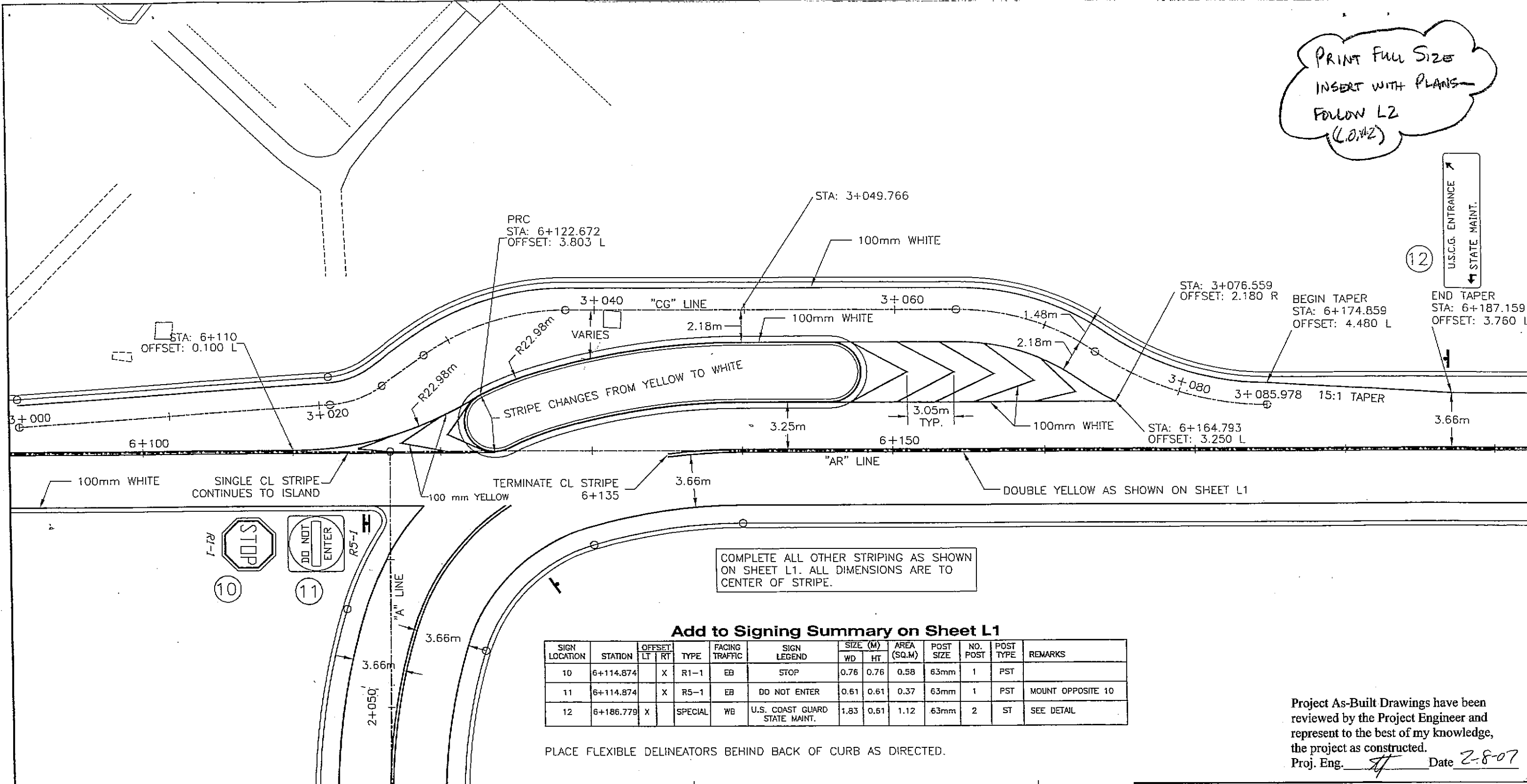
**TYPICAL SIGN CORNER
CONNECTION POINT**

FENCE SIGN SUMMARY				
SIGN NO.	SIGN	NUMBER	AREA SQ. m	LOCATION
1	BOUNDARY	4	4 @ 0.279	EVERY 90 m ON PERIMETER FENCE. LOCATED BY PROJECT ENGINEER.
2	PERSONNEL	1	1 @ 0.744	1 EACH ON THE PEDESTRIAN GATE
3	VEHICLES	1	1 @ 0.744	1 EACH ON VEHICLE GATES, 2 GATES
4	INFORMATIONAL	1	1 @ 0.744	LOCATED BY PROJECT ENGINEER & AIRPORT SAFETY AND SECURITY OFFICER
	TOTAL		3.35 SQ. m	

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 2-8-07

DESIGNED BY: R. KRAEMER	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION
	SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039
CHECKED BY: V. WINTERS DRAWN BY: R. SNYDER	Sign Summary & Details
PATH: Q:\Sit\68039\PlanSet\L_Sign-Striping.dwg\hu, 19/Jul/01 11:48AM Michael L	
PLOT: PSPACE: 1=1 OR MSPACE: AS NOTED TAB: SIGNS	
REVISIONS	PROJECT DESIGNATION AIP NO. 3-02-0268-1101
NO. DATE DESCRIPTION	YEAR 2001
	SHEET NO. L2
	TOTAL SHEETS 527

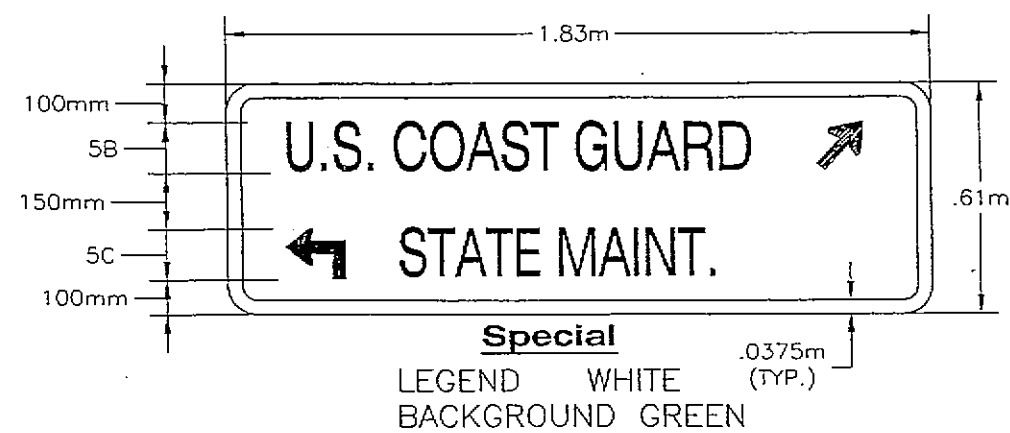
PRINT Full Size
INSERT WITH PLANS
FOLLOW L2
(L2.42)



Add to Signing Summary on Sheet L1

SIGN LOCATION	STATION	OFFSET		TYPE	FACING TRAFFIC	SIGN LEGEND	SIZE (M)		AREA (SQ.M)	POST SIZE	NO. POST	POST TYPE	REMARKS
		LT	RT				WD	HT					
10	6+114.874		X	R1-1	EB	STOP	0.76	0.76	0.58	63mm	1	PST	
11	6+114.874		X	R5-1	EB	DO NOT ENTER	0.61	0.61	0.37	63mm	1	PST	MOUNT OPPOSITE 10
12	6+186.779	X		SPECIAL	WB	U.S. COAST GUARD STATE MAINT.	1.83	0.61	1.12	63mm	2	ST	SEE DETAIL

PLACE FLEXIBLE DELINEATORS BEHIND BACK OF CURB AS DIRECTED.



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date *2-8-07*

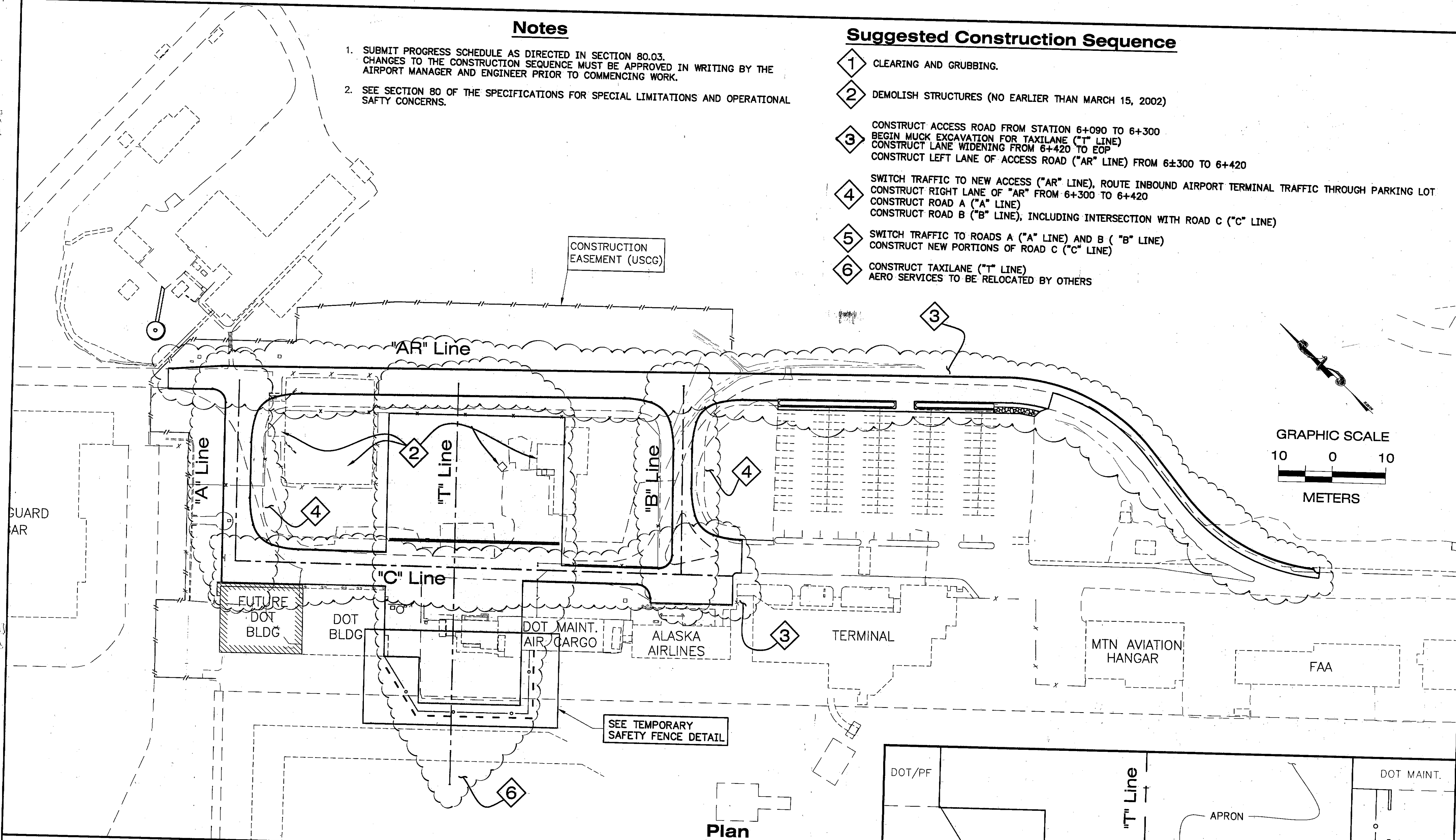
DESIGNED BY: R. KRACHER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES STATEWIDE DESIGN & ENGINEERING SERVICES DIVISION SITKA ROCKY GUTIERREZ AIRPORT APRON & TAXIWAY-STAGE IV PROJECT NO. 68039 COAST GUARD ENTRANCE PLAN	
CHECKED BY: M. Limbough		49th RUSSELL KRACHER CE-10478 2/10/07	
DRAWN BY: M. Limbough		Wed, 20/Feb/02 09:57AM	
PATH: Q:\SIT\68039\Dr\CG entrance plan 2.dwg		TAB: Striping (2) Michael Limbough	
PLDT:			
NO.	DATE	REVISIONS	
PROJECT DESIGNATION AIP NO. 3-02-0268-1101		YEAR 2002	SHEET NO. L3

Notes

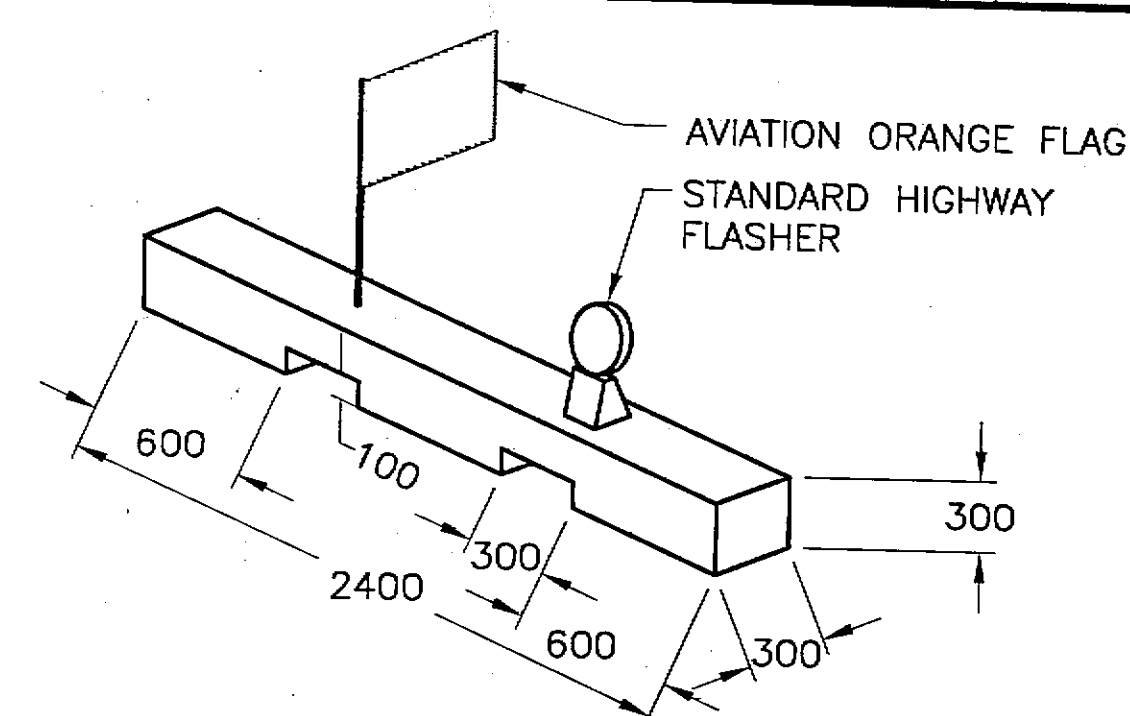
1. SUBMIT PROGRESS SCHEDULE AS DIRECTED IN SECTION 80.03. CHANGES TO THE CONSTRUCTION SEQUENCE MUST BE APPROVED IN WRITING BY THE AIRPORT MANAGER AND ENGINEER PRIOR TO COMMENCING WORK.
2. SEE SECTION 80 OF THE SPECIFICATIONS FOR SPECIAL LIMITATIONS AND OPERATIONAL SAFETY CONCERNS.

Suggested Construction Sequence

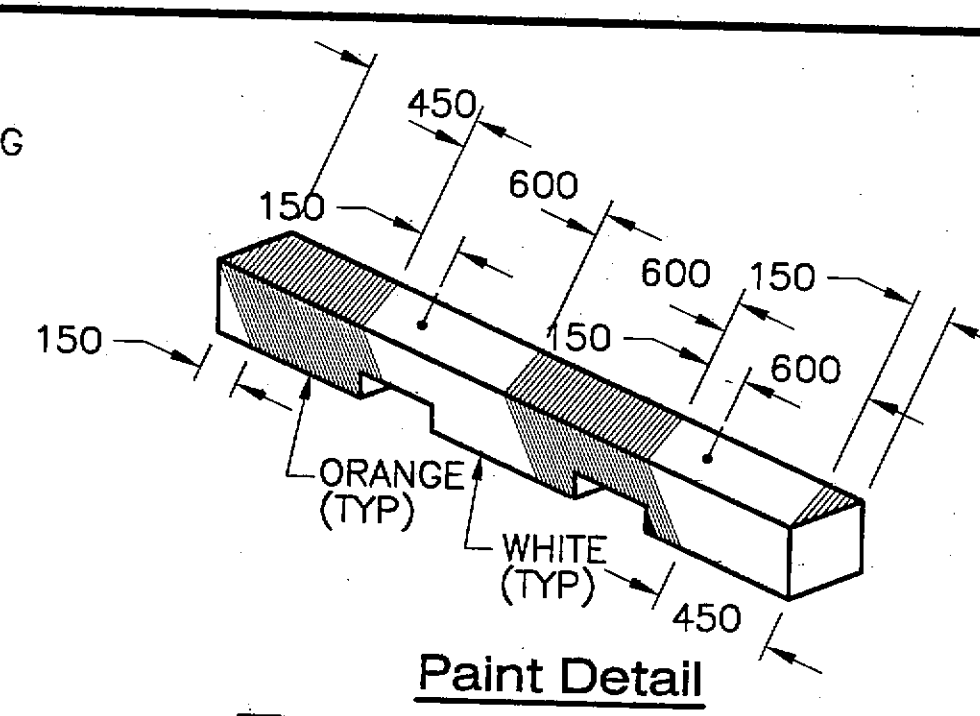
- 1 CLEARING AND GRUBBING.
- 2 DEMOLISH STRUCTURES (NO EARLIER THAN MARCH 15, 2002)
- 3 CONSTRUCT ACCESS ROAD FROM STATION 6+090 TO 6+300
BEGIN MUCK EXCAVATION FOR TAXILANE ("T" LINE)
CONSTRUCT LANE WIDENING FROM 6+420 TO EOP
CONSTRUCT LEFT LANE OF ACCESS ROAD ("AR" LINE) FROM 6+300 TO 6+420
- 4 SWITCH TRAFFIC TO NEW ACCESS ("AR" LINE), ROUTE INBOUND AIRPORT TERMINAL TRAFFIC THROUGH PARKING LOT
CONSTRUCT RIGHT LANE OF "AR" FROM 6+300 TO 6+420
CONSTRUCT ROAD A ("A" LINE)
CONSTRUCT ROAD B ("B" LINE), INCLUDING INTERSECTION WITH ROAD C ("C" LINE)
- 5 SWITCH TRAFFIC TO ROADS A ("A" LINE) AND B ("B" LINE)
CONSTRUCT NEW PORTIONS OF ROAD C ("C" LINE)
- 6 CONSTRUCT TAXILANE ("T" LINE)
AERO SERVICES TO BE RELOCATED BY OTHERS



Plan



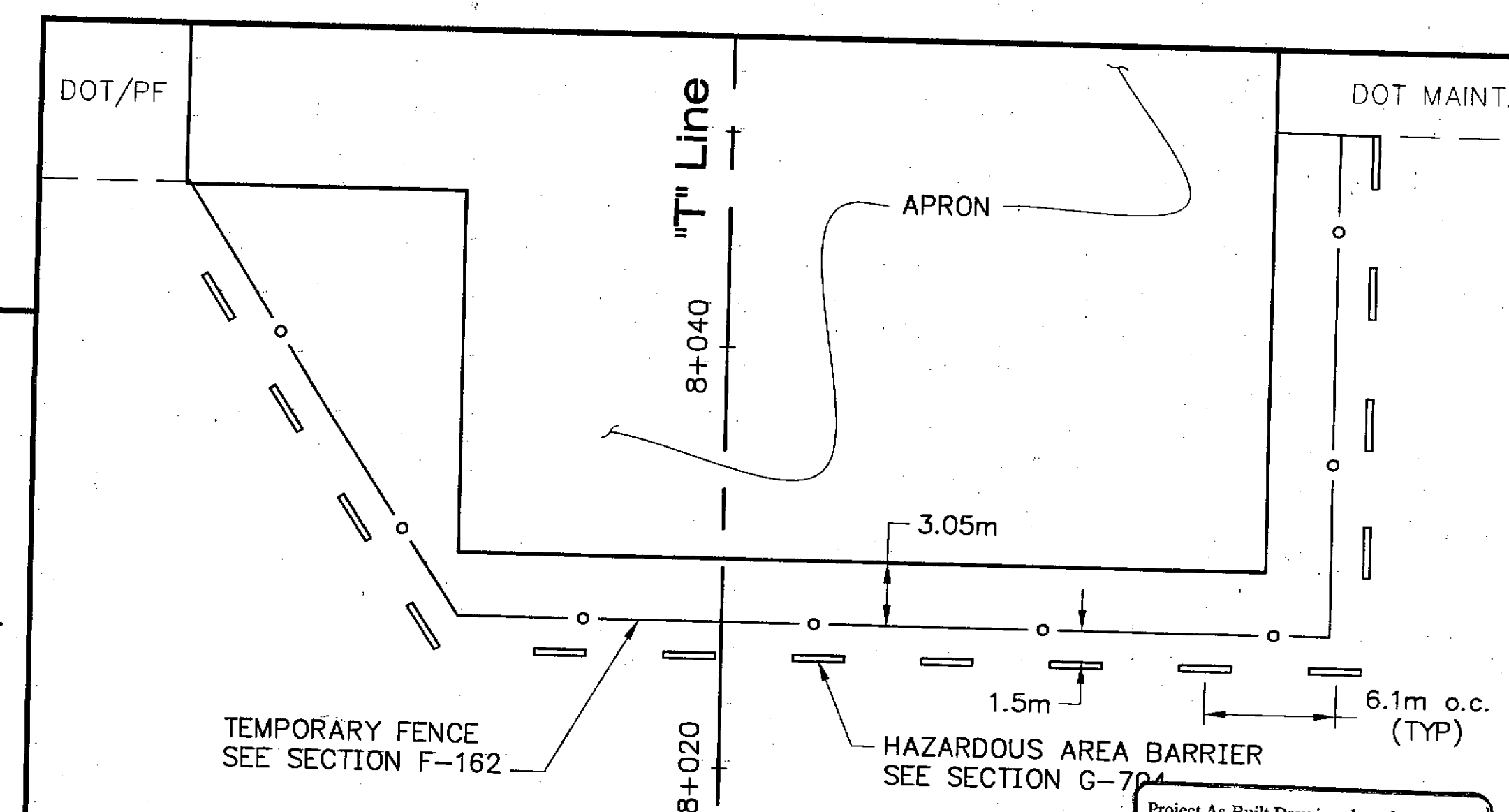
Timber Preparation, Flag and Flasher Mount Detail



Paint Detail
Typical Low Style Construction Barrier
N.T.S.

Traffic Control Devices Notes

1. BARRIERS SHALL BE IN PLACE TO LIMIT ACCESS TO CLOSED PORTIONS OF THE APRON WHENEVER THE RUNWAY IS OPEN.
2. DRILL AND NOTCH TIMBER BEFORE PAINTING.
3. REFER TO SECTION 704. HAZARDOUS AREA BARRIER.



Temporary Safety Fence Detail

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date 2-24-05

PATH:
Q:\Sit\68039\PlanSet\M_SafetyPlan.dwg
Thu, 19/Jul/01 04:17PM Michael Limbaug
PLOT:
PSPACE 1=1(F) OR MSPACE 1=1(F)
TAB: SAFETY PLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

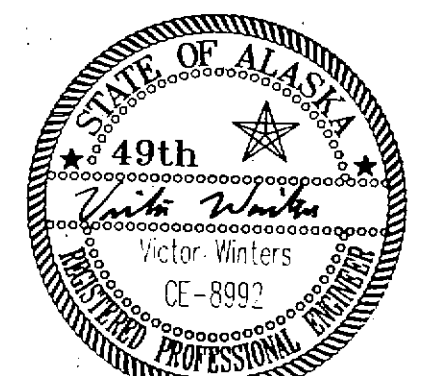
No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV

PROJECT NO. 68039

Safety/Construction Sequence Plan

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

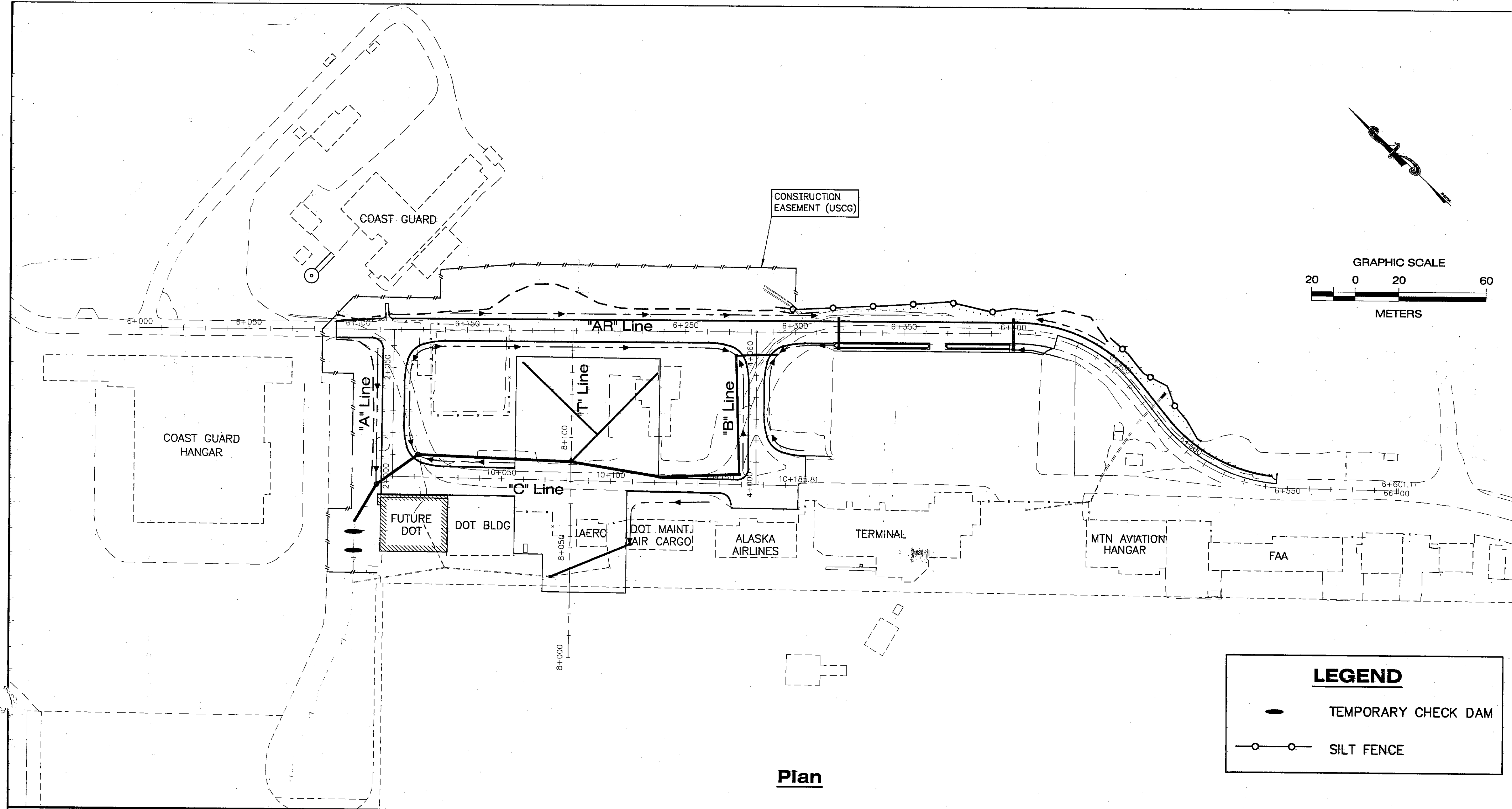
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV

PROJECT NO. 68039
Safety/Construction
Sequence Plan

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001
SHEET NUMBER	TOTAL SHEETS
M1	527

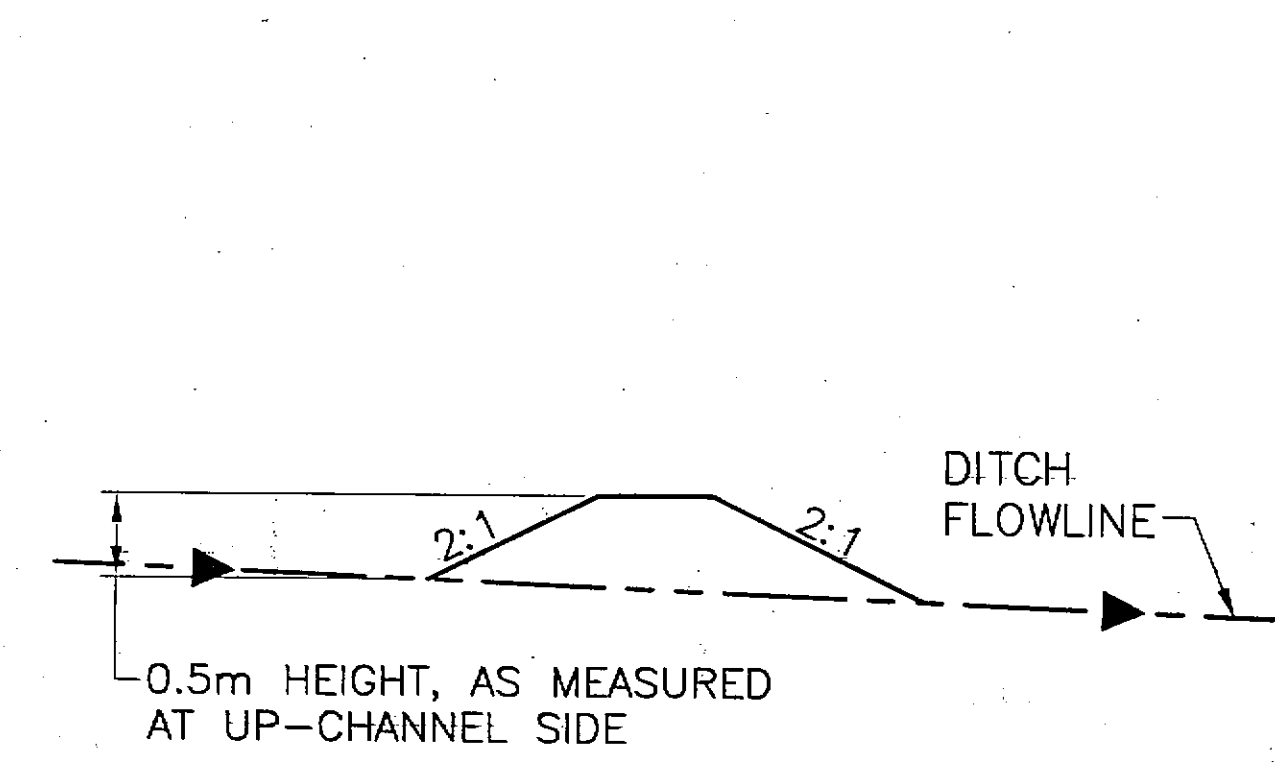


Plan

LEGEND

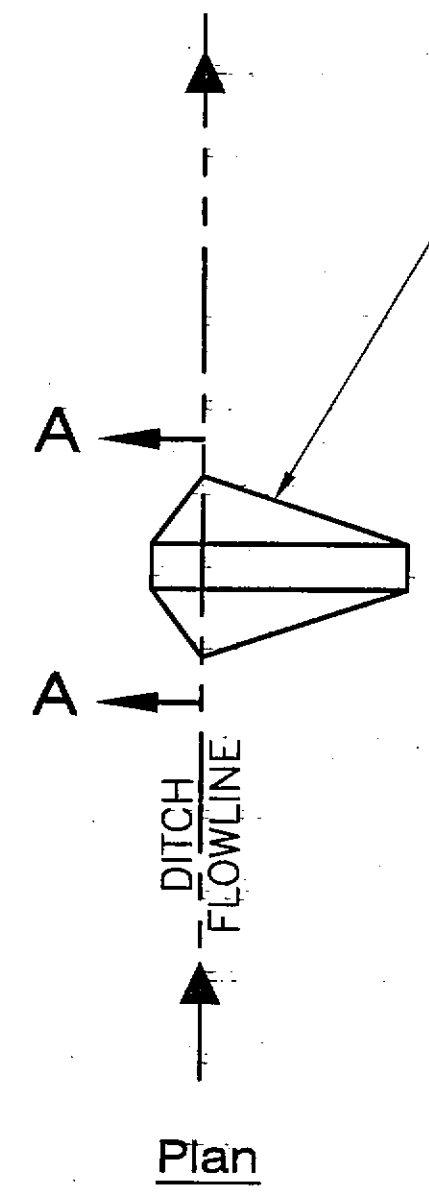
— TEMPORARY CHECK DAM

— SILT FENCE



Section A-A

Temporary Check Dam Details



Plan

TEMPORARY CHECK DAMS SHALL BE CONSTRUCTED AT LOCATIONS AS INDICATED OR AS DIRECTED BY THE ENGINEER.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Engr. *[Signature]* Date *2-24-06*

PATH:
Q:\SIT\68039\Dr\N_EPCPlan.dwg
Tue, 17/Jul/01 09:23AM Michael Limbaug
PLOT:
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TAB: PLAN

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
APRON AND TAXIWAY
STAGE IV
PROJECT NO. 68039

**Erosion & Pollution
Control Plan**

DESIGNED BY: R. KRAEMER



CHECKED BY: V. WINTERS
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
STATEWIDE DESIGN & ENGINEERING
SERVICES DIVISION

SITKA ROCKY GUTIERREZ
AIRPORT-APRON & TAXIWAY
STAGE IV
PROJECT NO. 68039

**Erosion & Pollution
Control Plan**

PROJECT DESIGNATION NUMBER
AIP #3-02-0268-1101

STATE	YEAR
ALASKA	2001

SHEET NUMBER	TOTAL SHEETS
N1	527