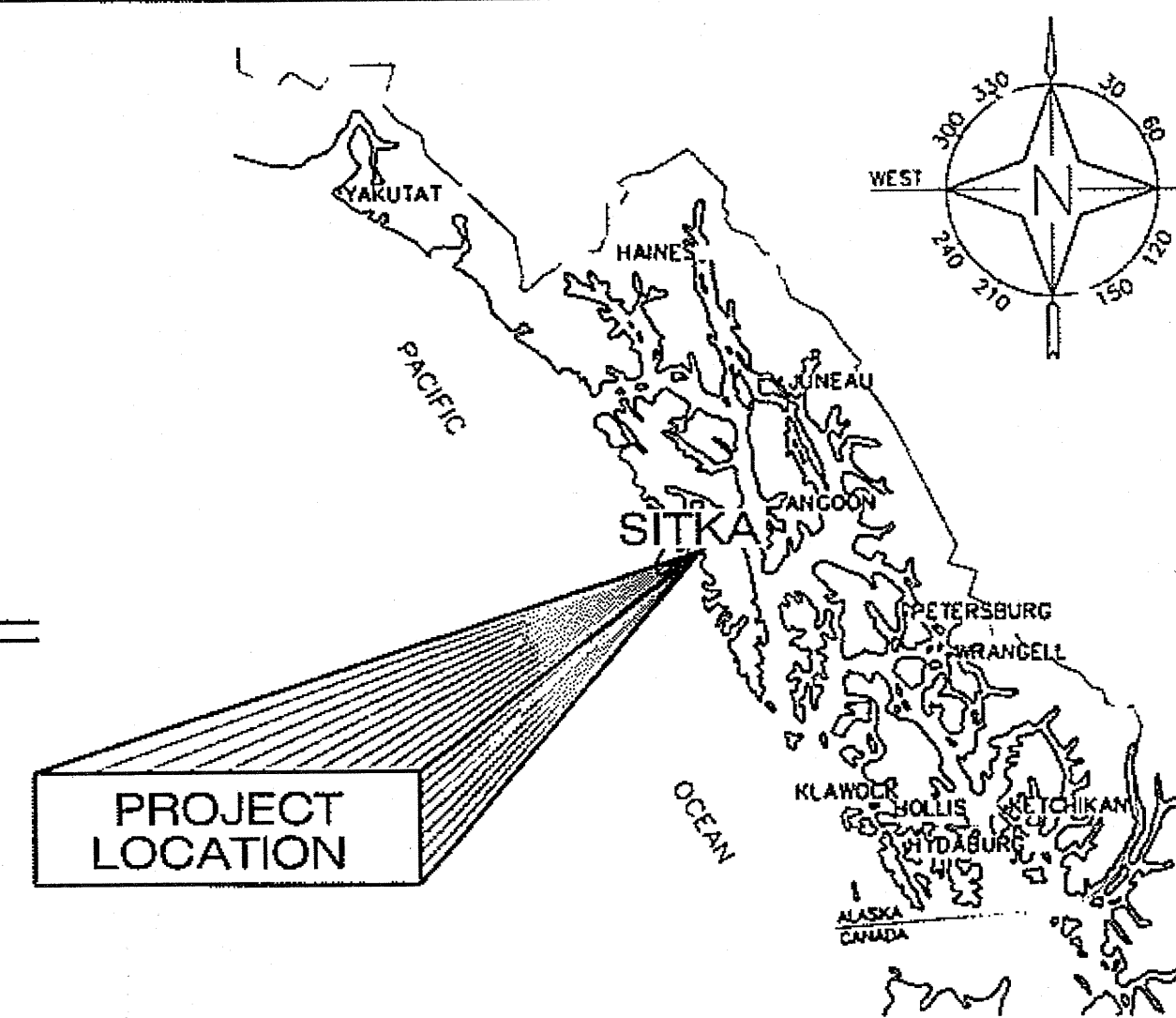


State of Alaska

Department of Transportation and Public Facilities Southeast Region

SITKA, ALASKA SITKA AIRPORT ACCESS IMPROVEMENTS

PROJECT No. NH-099-3(5) ~ 68187



As-Built

Contractor: S&S General Contractors,
Inc.
Project Engineer: Todd Fleming
Start Date: May 19, 2008
End Date: August 14, 2009

DESIGN DESIGNATION

A.D.T. 2003	=	2,230
A.D.T. 2025	=	2,770
D.H.V. 2025 (10%)	=	280
% T	=	5.5%
V	=	20 & 35 MPH
E.A.L.	=	400,000

PROJECT SUMMARY

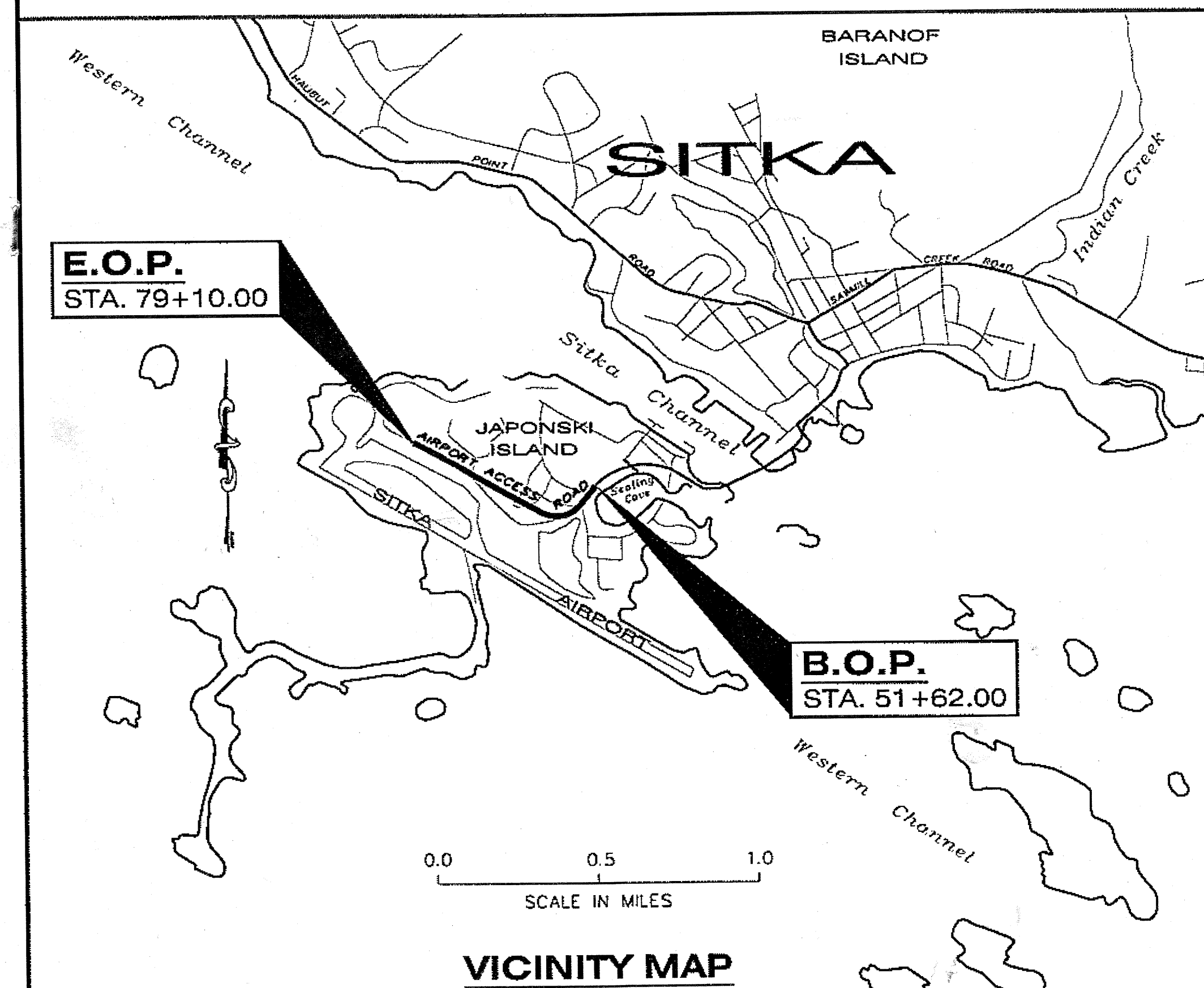
LENGTH OF GRADING	=	0.5 miles
LENGTH OF PAVING	=	0.5 miles
WIDTH OF PAVING	=	24-36 feet
LENGTH OF PROJECT	=	0.5 miles

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

C5.21	D-04.21	E-00.00	L-03.10	S-00.10	S-30.03
C-03.10	D-22.01	E-13.00	L-23.01	S-01.00	T-06.00
C-04.12	D-23.01	I-20.13	L-25.00	S-05.01	T-20.02
C-05.10	D-25.00	I-21.01	M-13.01	S-20.10	T-21.02
D-01.02	D-26.02	I-81.00	M-16.01	S-23.00	T-23.00
	D-35.00				

THE FOLLOWING CBS UNDERGROUND AND RUS OVERHEAD CONSTRUCTION DRAWINGS APPLY TO THIS PROJECT:

C5.21(C 7)	H1.1(M2-11)	UG 7	UM 6-1 TO 25	UM 48-1
E1.1C(E1-3C)	UC 2	UJ 2-2	UM 8-4	UM 48-2
F1.12(F1-4)	UC6-1(UC 6)	UM 1-7NC	UM 33(UM 3B)	



VICINITY MAP

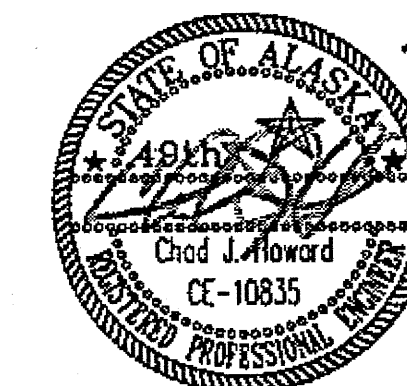
INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	SURVEY CONTROL DATA
A3	PROJECT OVERVIEW
B1-B3	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
D1	SUMMARIES
E1-E4	DETAILS
F1-F6	ROADWAY PLAN AND PROFILE
G1-G3	INTERSECTION PLAN & PROFILE
H1-H3	DRAINAGE
P1-P6	SIGNING, STRIPING, & ILLUMINATION PLAN
S1	TRAFFIC CONTROL PLAN
T1-T3	EROSION & POLLUTION CONTROL PLAN
U1-U6	UNDERGROUND CONDUIT

PATH: Q:\Sit\68187\PlanSet\68187_A1-3_Title.dwg
Fri, 21/Mar/08 01:09PM

PLOT: PSPACE OR MSPACE: 1000mm=1m(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION



3-21-08



10-10-07

APPROVED:

JACK D. BEEDLE
REGIONAL PRE-CONSTRUCTION ENGINEER
JACK D. BEEDLE, P.E.

3/21/08
DATE

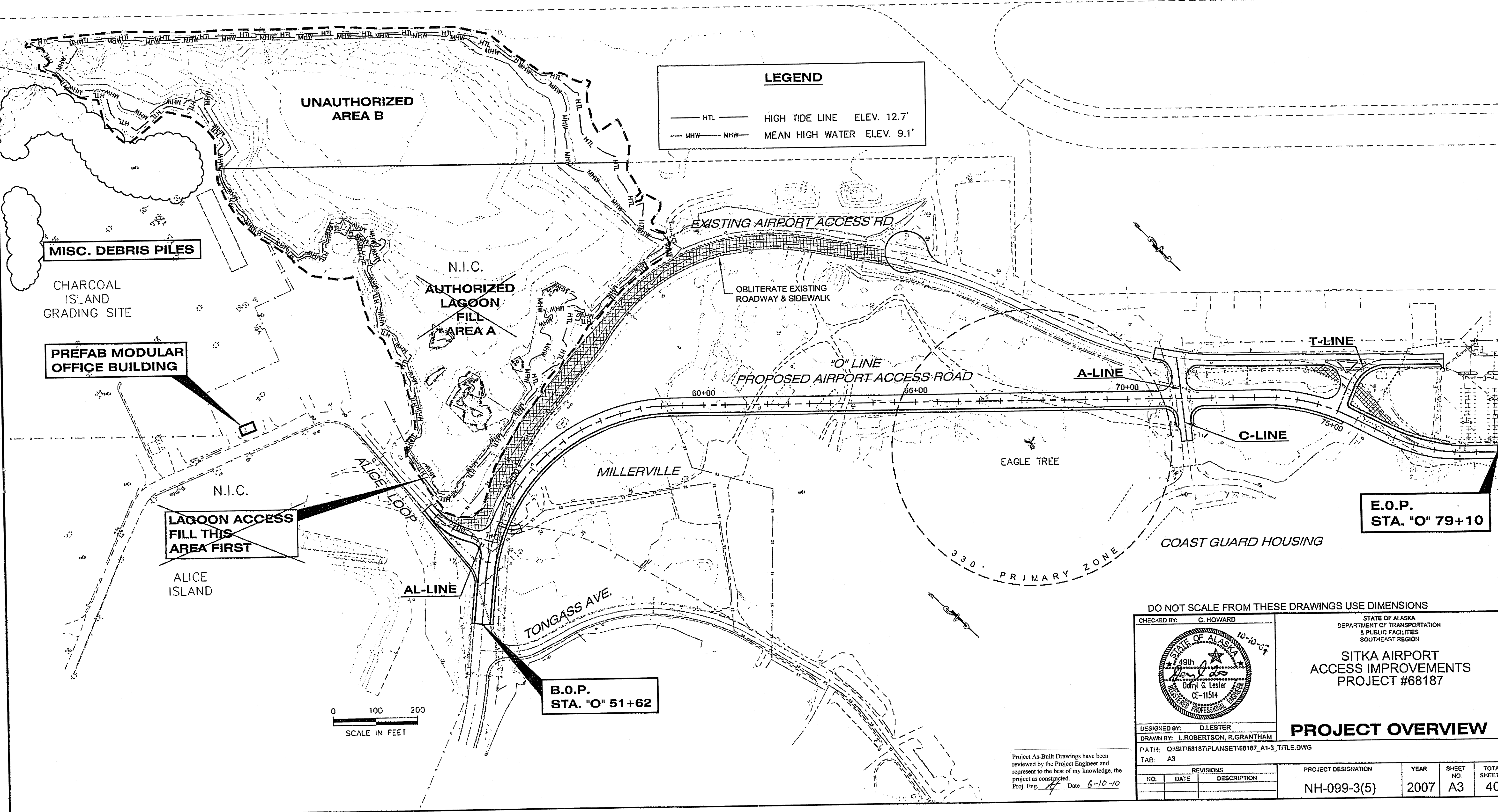
APPROVED: CHAD J. HOWARD
DIRECTOR, SOUTHEAST REGION
MALCOLM A. MENZIES, P.E. L.S. 707

3-21-08
DATE

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:

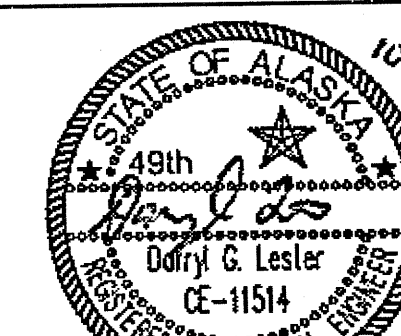
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	NH-099-3(5) - 68187	2007	A1	40

ROCKY GUTIERREZ AIRPORT RUNWAY



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD



DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

PATH: Q:\SIT\68187\PLANSET\68187_A1-3_TITLE.DWG

TAB: A3

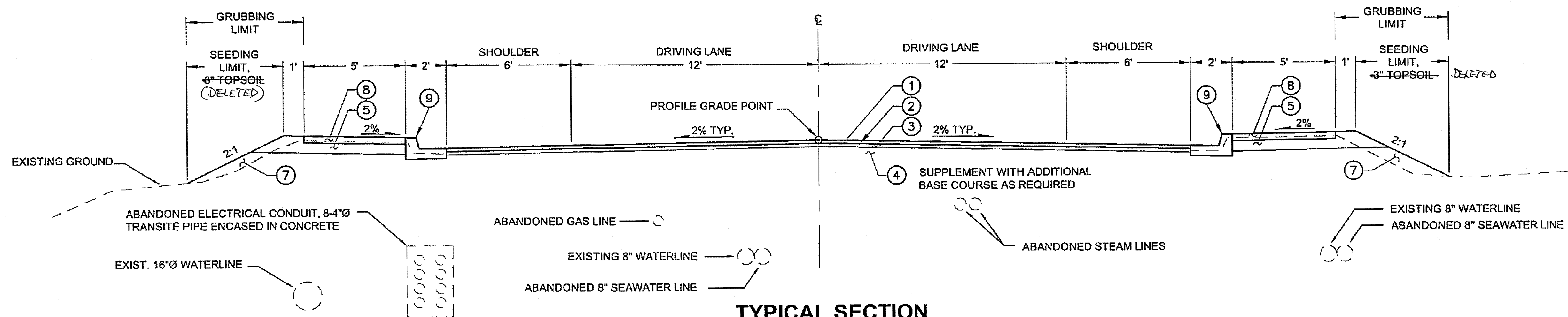
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

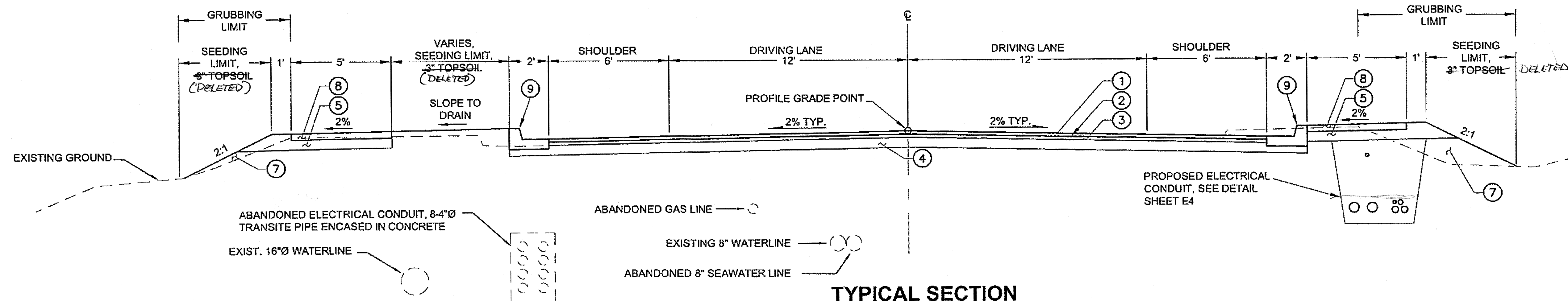
PROJECT OVERVIEW

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	NH-099-3(5)	2007	A3	40

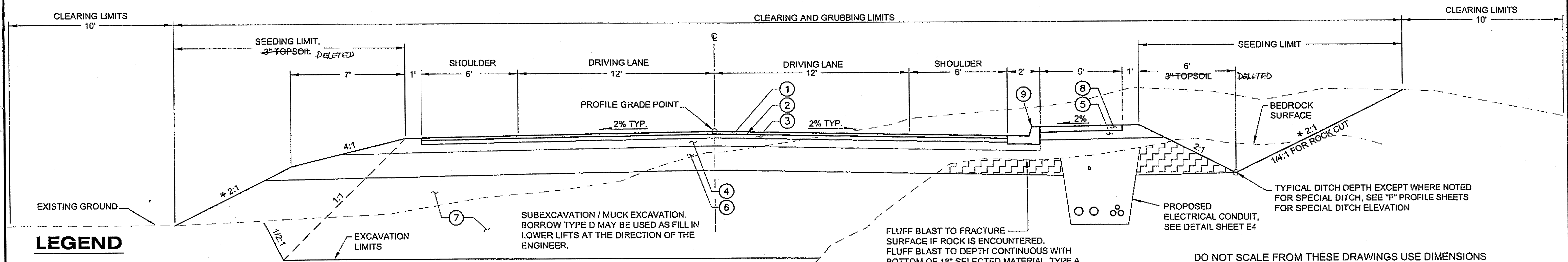
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 6-10-10



TYPICAL SECTION
B.O.P. STA "O" 51+62 TO STA "O" 52+50



TYPICAL SECTION
STA "O" 52+50 TO STA "O" 53+50



LEGEND

- ① 2" ASPHALT CONCRETE PAVEMENT, TYPE II, CLASS B
- ② STE-1 TACK COAT
- ③ 3" ATB
- ④ 6" AGGREGATE BASE COURSE, GRADING D-1
- ⑤ 4" AGGREGATE BASE COURSE, GRADING D-1
- ⑥ 18" BORROW, TYPE A OR USEABLE EXCAVATION MEETING SELECTED MATERIAL, TYPE A
- ⑦ BORROW, TYPE B OR USEABLE EXCAVATION MEETING SELECTED MATERIAL, TYPE B
- ⑧ 4" CONCRETE SIDEWALK
- ⑨ STANDARD CURB & GUTTER

* SLOPE EXCEPTION

STA. 57+80 LT TO STA. 58+60 LT
FILL FORESLOPE 1.5:1

STA. 64+75 RT TO STA. 66+00 RT
CUT BACKSLOPE 1.4:1

STA. 72+25 LT TO STA. 73+50 LT
CUT BACKSLOPE 1.5:1
SEE SHEET H2 TO MODIFY DITCH FOR FIELD INLET

TYPICAL SECTION

STA "O" 53+50 TO STA "O" 75+22

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

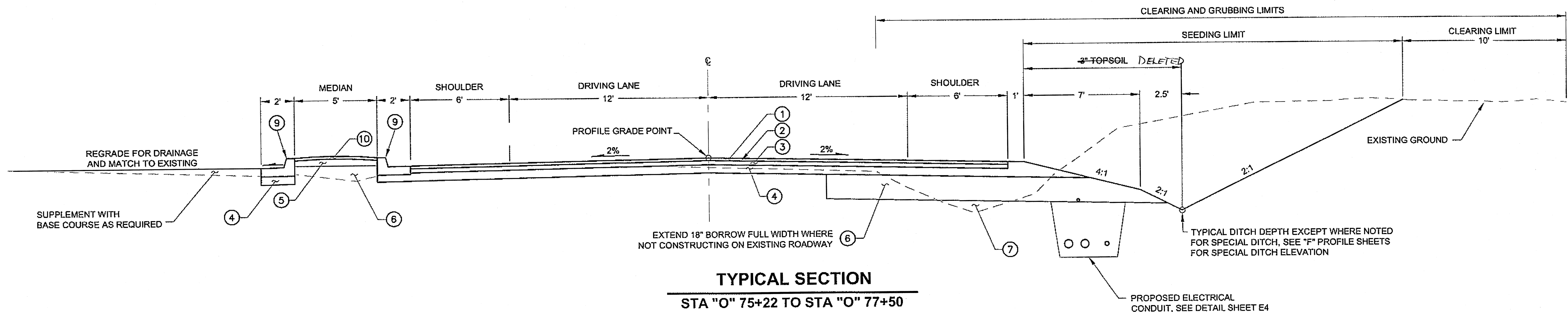
CHECKED BY:	C. HOWARD
DESIGNED BY:	D. LESTER
DRAWN BY:	L. ROBERTSON, R. GRANTHAM
DATE:	10-10-07
PROJECT NO.:	CE-11514
PROJECT NAME:	SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

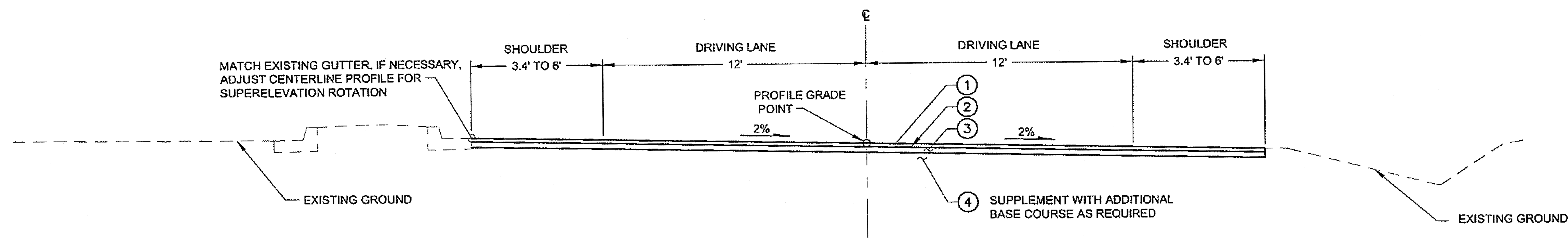
**SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187**

TYPICAL SECTIONS

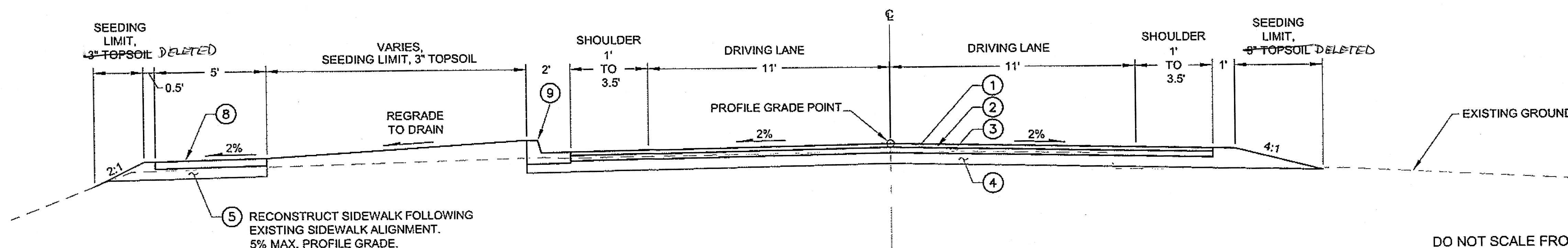
REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
1	10-10-07	ISSUED FOR BIDDING	NH-099-3(5)	2007	B1	40



TYPICAL SECTION
STA "O" 75+22 TO STA "O" 77+50



TYPICAL SECTION
STA "O" 77+50 TO E.O.P. STA "O" 79+10



LEGEND

- | | |
|--|--|
| ① 2" ASPHALT CONCRETE PAVEMENT, TYPE II, CLASS B | ⑧ 4" CONCRETE SIDEWALK |
| ② STE-1 TACK COAT | ⑨ STANDARD CURB & GUTTER |
| ③ 3" ATB | ⑩ 1 1/2" ASPHALT CONCRETE PAVEMENT, TYPE II, CLASS B |
| ④ 6" AGGREGATE BASE COURSE, GRADING D-1 | |
| ⑤ 4" AGGREGATE BASE COURSE, GRADING D-1 | |
| ⑥ 18" BORROW, TYPE A OR USEABLE EXCAVATION MEETING SELECTED MATERIAL, TYPE A | |
| ⑦ BORROW, TYPE B OR USEABLE EXCAVATION MEETING SELECTED MATERIAL, TYPE B | |

ALICE LOOP TYPICAL SECTION
STA "AL" 1+00 TO STA "AL" 2+75

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 6-10-16

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY:	G. HOWARD
DESIGNED BY:	D. LESTER
DRAWN BY:	L. ROBERTSON, R. GRANTHAM
PATH:	Q:\SIT\68187\PLANSET\68187_B_TYPS.DWG
TAB:	B2

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

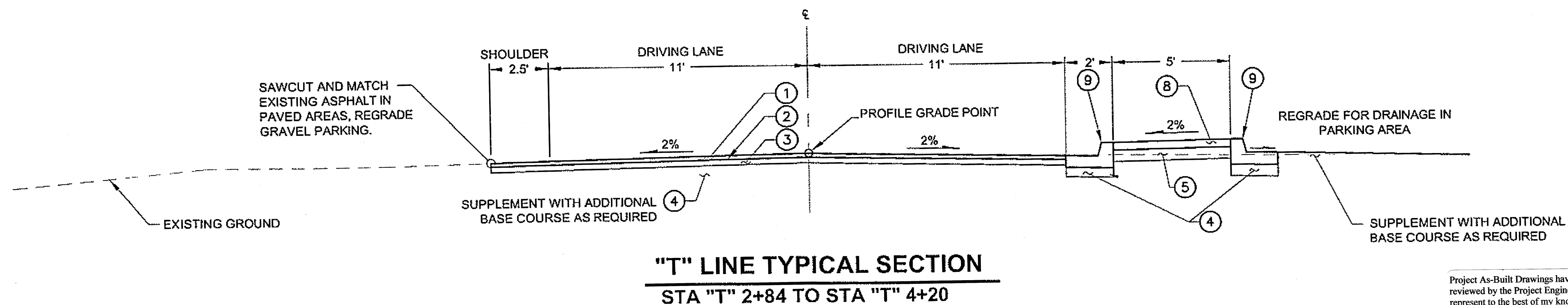
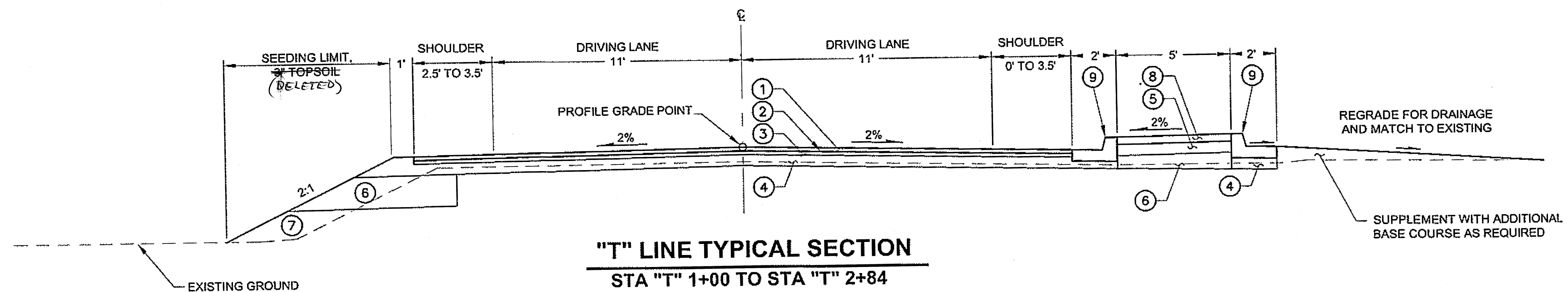
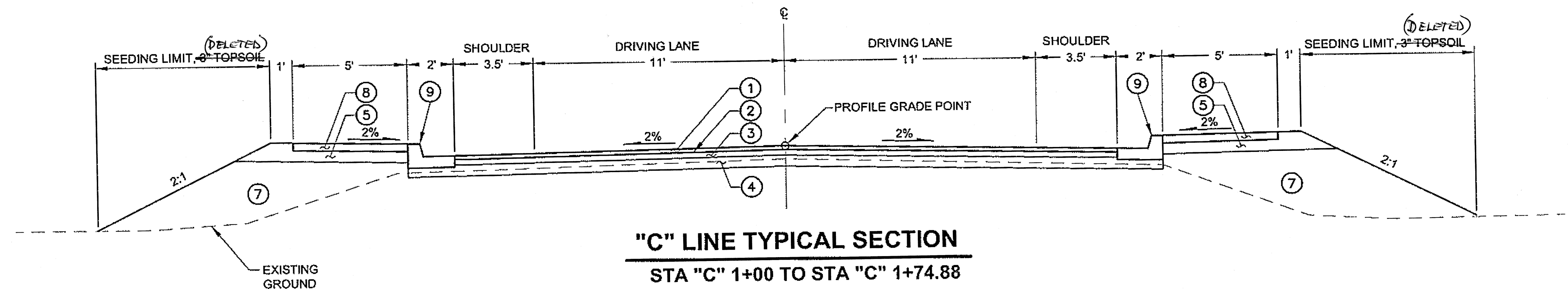
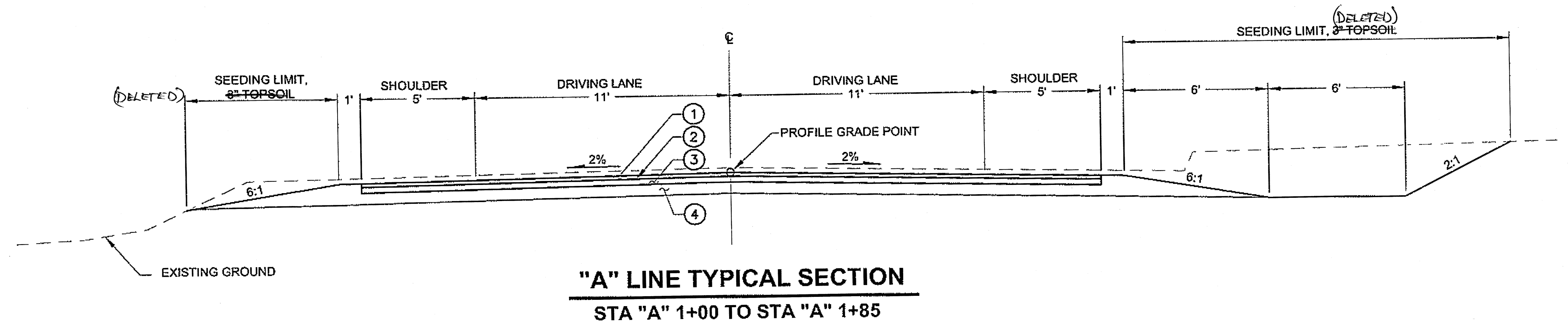
SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

TYPICAL SECTIONS

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			NH-099-3(5)	2007	B2	40

LEGEND

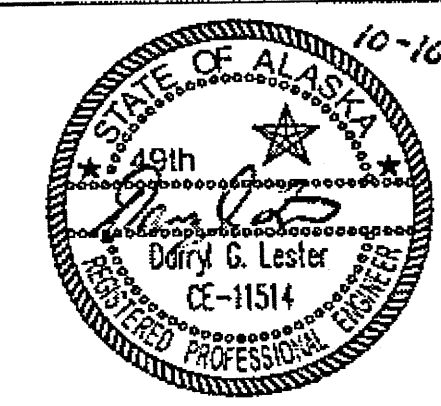
- ① 2" ASPHALT CONCRETE PAVEMENT, TYPE II, CLASS B
- ② STE-1 TACK COAT
- ③ 3" ATB
- ④ 6" AGGREGATE BASE COURSE, GRADING D-1
- ⑤ 4" AGGREGATE BASE COURSE, GRADING D-1
- ⑥ 18" BORROW, TYPE A OR USEABLE EXCAVATION MEETING SELECTED MATERIAL, TYPE A
- ⑦ BORROW, TYPE B OR USEABLE EXCAVATION MEETING SELECTED MATERIAL, TYPE B
- ⑧ 4" CONCRETE SIDEWALK
- ⑨ STANDARD CURB & GUTTER



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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD



DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

PATH: Q:\SIT\68187\PLANSET\68187_B_TYPS.DWG

TAB: B3

REVISIONS

NO. DATE DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

TYPICAL SECTIONS

PROJECT DESIGNATION

NH-099-3(5)

YEAR

2007

SHEET NO.

B3

TOTAL SHEETS

40

ESTIMATE OF QUANTITIES				FINAL
ITEM NUMBER	ITEM DESCRIPTION	PAY UNIT	QUANTITY	QTY.
201 (3A)	CLEARING AND GRUBBING	ACRE	4.5	3.68
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	10,430	15,660
202 (3)	REMOVAL OF SIDEWALK	SQUARE YARD	1,325	1,228
202 (4)	REMOVAL OF CULVERT PIPE	LINEAR FOOT	533	357
202 (8)	REMOVAL OF INLET	EACH	6	5
202 (9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	2,445	2,486
202 (13)	WASTE BERM	LUMP SUM	ALL REQUIRED	ALL REQD.
203 (3)	UNCLASSIFIED EXCAVATION	CUBIC YARD	27,500	29,016
203 (6A)	BORROW, TYPE A	TON	18,200	DELETED C.O.#1
203 (6B)	BORROW, TYPE B	TON	63,000	430
203 (7D)	BORROW, TYPE D	CYVM	6,200	31,810
203 (19)	TRENCH BLASTING	LINEAR FOOT	500	390
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	6,300	DELETED C.O.#1
306 (1)	ATB	TON	2,780	2,341
401 (1)	ASPHALT CONCRETE, TYPE II, CLASS B	TON	1,930	2,203
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	TON	241	248
401 (6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQD.
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	6.7	5.69
603 (1)-12	12 INCH CSP	LINEAR FOOT	10	0
603 (21)-12	12 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	140	236
603 (21)-18	18 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	130	109
603 (21)-24	24 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	410	398
603 (21)-36	36 INCH CORRUGATED POLYETHYLENE PIPE	LINEAR FOOT	210	200
604 (1)	STORM SEWER MANHOLE	EACH	3	3
604 (3)	RECONSTRUCT EXISTING MANHOLE	EACH	1	1
604 (4)	ADJUST EXISTING MANHOLE	EACH	1	1
604 (5)	INLET, TYPE A	EACH	14	15
604 (8)	ADJUST EXISTING INLET	EACH	3	3
604 (9)	FRAME/GRATE REPLACEMENT	EACH	1	1
606 (6)	REMOVING AND DISPOSING OF GUARDRAIL	LINEAR FOOT	1,170	1,159
608 (1a)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	1,678	1,618
608 (1b)	CONCRETE SIDEWALK, 6 INCHES THICK	SQUARE YARD	60	78
608 (6)	CURB RAMP	EACH	11	11
609 (2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	4,105	3,914
611 (1)	RIPRAP, CLASS I	CUBIC YARD	8	73
615 (1)	STANDARD SIGN	SQUARE FOOT	207	217
615 (5)	DELINEATOR, FLEXIBLE	EACH	3	3
618 (1)	SEEDING	ACRE	3.5	1.08
620 (1)	TOPSOIL	SQUARE YARD	8,400	0
627 (10)	ADJUSTMENT OF VALVE BOX	EACH	2	1
633 (1)	SILT FENCE	LINEAR FOOT	1,980	100
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED	ALL REQD.
641 (1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	ALL REQD.
641 (2)	TEMPORARY EROSION AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED	ALL REQD.
641 (5)	INLET PROTECTION	EACH	21	7
641 (6)	TEMPORARY CHECK DAM	EACH	4	1
641 (7)	TEMPORARY SEEDING	LUMP SUM	ALL REQUIRED	ALL REQD.
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	ALL REQD.
642 (4)	SET PRIMARY MONUMENT	EACH	5	5
642 (9)	REFERENCE EXISTING MONUMENT	EACH	2	0
642 (10)	MONUMENT CASE	EACH	5	5
642 (11)	ADJUST EXISTING MONUMENT CASE	EACH	2	1
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	ALL REQD.
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED	ALL REQD.
645 (1)	TRAINING PROGRAM, 1 TRAINEES/APPRENTICES	LABOR HOUR	500	191.5
646 (1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED	ALL REQD.
647 (1)	MODULAR OFFICE BUILDING (960 SF)	LUMP SUM	ALL REQUIRED	DELETED C.O.#5
651 (1)	EAGLE MONITORING	hour	150	0
660 (3)	HIGHWAY LIGHTING SYSTEM COMPLETE	LUMP SUM	ALL REQUIRED	ALL REQD.
661 (2)	LOAD CENTER, TYPE 1A	EACH	1	1
661 (6)	TRANSFORMER, 10 KVA	EACH	1	1
662 (1)	UNDERGROUND POWER DISTRIBUTION SYSTEM AND COMMUNICATIONS CONDUIT INSTALLATION	LUMP SUM	ALL REQUIRED	ALL REQD.
670 (8)	RECESSED PAVEMENT MARKER	EACH	65	50
670 (10)	METHYL METHACRYLATE PAVEMENT MARKINGS	LUMP SUM	ALL REQUIRED	ALL REQD.

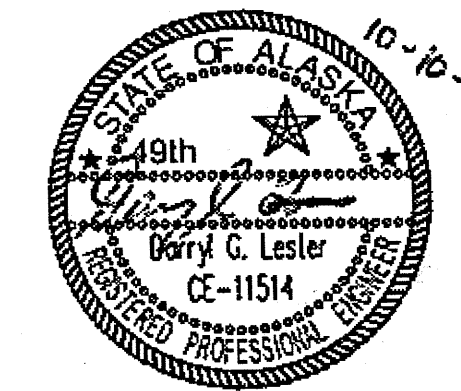
BASIS OF ESTIMATE		
ITEM NUMBER	PAY ITEM	QUANTITY
202 (13)	WASTE BERM STOCKPILED DEBRIS MATERIAL ROCK ASPHALT (GRINDINGS) ASPHALT (CHUNKS) CONCRETE	3700 CY 1900 CY 600 CY 2500 CY
203 (6A)	BORROW, TYPE A	1.98 TON/CY
203 (6B)	BORROW, TYPE B	1.98 TON/CY
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	1.98 TON/CY
306 (1)	ATB	120 LB/SY/IN
401 (1)	ASPHALT CONCRETE, TYPE II, CLASS B	120 LB/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	4.5% OF ITEM 306 (1), 6% OF ITEM 401 (1)
402 (1)	STE - 1 ASPHALT FOR TACK COAT	0.1 GAL/SY, 243 GAL/TON

CAUTION:

- THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY AND WILL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

Change Order Items			
Item No.	Item Description	Pay Unit	Quantity
643(25)	Traffic Control	Contgent Sum	All Reqd.
203(6A-1)	Borrow, Type A	Lump Sum	All Reqd.
301(1a)	Aggerate Base Course, Grading D-1	Lump Sum	All Reqd.
660(3a)	Highway Lighting System Modifications	Lump Sum	All Reqd.
662(1a)	Power Distribution System Modifications	Lump Sum	All Reqd.
306(1a)	ATB Price Adjustment	Lump Sum	All Reqd.
203(6A-3)	Borrow, Type A Scale Credit	Lump Sum	All Reqd.
203(6B-3)	Borrow, Type B Scale Credit	Lump Sum	All Reqd.
647(1a)	Modular Office Building	Lump Sum	All Reqd.

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS										
CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187								
DESIGNED BY: D. LESTER DRAWN BY: L. ROBERTSON, R. GRANTHAM		ESTIMATE OF QUANTITIES								
PATH: Q:\SIT\68187\PLANSET\68187_C_EST.DWG TAB: C1		PROJECT DESIGNATION NH-099-3(5)								
REVISIONS <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	DATE	DESCRIPTION				YEAR 2007	SHEET NO. C1	TOTAL SHEETS 40
NO.	DATE	DESCRIPTION								

PIPE NO.	INLET			OUTLET			LENGTH	SIZE	REMARKS	GRADE
	STATION	OFFSET	INVERT	STATION	OFFSET	INVERT				
P-1	"O" 52+74.79	S-1	22.48	"O" 52+94.87	36.81 RT	21.91	25.9	24" CPP	MATCH EXISTING CULVERT GRADE	
P-2	"O" 53+71.16	36.52 RT	20.97	"O" 54+30.89	36.56 RT	20.27 ✓	54.8	24" CPP		1.28%
P-3	"O" 54+92.50	S-2	21.70	"O" 54+92.50	35.52 RT	21.47	20 7-25 10	12" CPP		
P-4	"O" 57+06.12	S-3	19.86	"O" 57+06.12	35.52 RT	17.28	16.5	12" CPP	PIPE UNDER POWER CONDUITS	
P-5	"O" 59+34.22	53.75 RT	13.47	"O" 58+86.17	54.13 LT	12.05	118.4	36" CPP	MATCH STREAM CHANNEL	
P-6	"O" 59+50.00	S-4	23.86	"O" 59+50.00	35.52 RT	24.36	16.5	12" CPP		
P-7	"O" 62+00.00	S-5	31.88	"O" 62+00.00	33.24 RT	31.45	12 1-12 10	12" CPP		
P-8	"O" 65+25.00	S-6	33.15	"O" 65+25.00	33.24 RT	32.66	12 1-12 10	12" CPP		
P-9	"O" 67+75.00	S-7	31.15	"O" 67+75.00	33.24 RT	30.89	14.2	12" CPP		
P-10	"O" 70+10.34	S-8	29.86	"O" 70+10.34	35.52 RT	28.38	16.5	12" CPP		
P-11	"O" 70+48.22	46.49 RT	23.34	"O" 70+38.93	42.28 LT	22.66	89.3	36" CPP	MATCH STREAM CHANNEL	
P-12	"O" 71+49.84	S-9	28.30	"O" 70+83.56	49.54 LT	26.26	66.4	24" CPP		
P-13	"O" 71+66.08	54.38 RT	27.36	"O" 71+07.50	72.54 RT	25.30	61.3	24" CPP	INLET INVERT AT EXISTING GROUND	
P-14	"O" 71+82.00	S-10	30.82	"O" 71+82.00	35.52 RT	30.13	16.5	12" CPP		
P-15A	"O" 72+84.00	TIED TO EXISTING PIPE		"O" 72+83.00	S-11B	30.40	32.0	18" CPP	S-11A NOT INSTALLED - PIPE TIED TO EXISTING PIPE	8.67%
P-15B	"O" 72+83.00	S-11B	30.20	"O" 72+83.00	36.31 RT	29.67	64.5	24" CPP		
P-16	"O" 73+62.00	S-12	34.74	"O" 73+62.00	33.24 RT	31.61	14.2	12" CPP		
P-17	"T" 1+36.30	S-13	32.20	"O" 75+72.50	S-14	29.07	62.9	18" CPP		4.51%
P-18	"O" 75+72.50	S-14	28.82	"O" 75+65.53	39.57 RT	28.06	59.0	24" CPP		
P-19	"O" 75+80.65	S-15	29.70	"O" 75+72.50	S-14	28.86	69.7	24" CPP		1.25%
P-20	"O" 77+78.99	S-16	31.80	"O" 78+09.86	23.70 LT	31.70	29.4	18" CPP		0.40%
P-21	"O" 78+12.41	22.30 RT	31.20	"O" 78+12.84	31.06 RT	29.96	8.8	12" CSP	MATCH TO EXISTING	
P-22	77+72		32.45			31.74			NEW CURB INLET THAT DRAINS TO S-16	
P-23	76+50		31.97			30.31			" " " " " " S-15	

STATION	OFFSET	DIAMETER (IN)	LENGTH (FT)	REMARKS
"O" 52+75	RT	24	33	CUT AT STRUCTURE S-1 AND REMOVE OUTLET
"O" 53+54	RT	18	15	CONCRETE COLLAR AT OUTLET
"O" 53+89	RT	24	36	CONCRETE COLLARS AT INLET AND OUTLET
"O" 55+31	54 LT	24	58	EXISTING AIRPORT ACCESS RD
"O" 55+35	LT	24	10	CONCRETE COLLAR AND GRATE AT INLET
"O" 56+88	107 LT	24	59	EXISTING AIRPORT ACCESS RD
"O" 57+95	183 LT	24	72	EXISTING AIRPORT ACCESS RD
"O" 59+57	328 LT	18	26	EXISTING AIRPORT ACCESS RD
"O" 62+06	373 LT	18	31	EXISTING AIRPORT ACCESS RD
"O" 71+21	LT	18	101	LIFESAVER DRIVE
"O" 72+84	LT	18	29	CUT AT STRUCTURE S-11A AND REMOVE OUTLET
"O" 75+71	LT	24	63	

STATION	OFFSET	REMARKS
"O" 53+72	10 RT	ADJUST
"C" 1+58	22 RT	RECONSTRUCT

STATION	OFFSET	REMARKS
"O" 52+40	19 LT	CURB INLET
"O" 78+10	24 LT	FIELD DRAIN
"T" 3+21	12 RT	DEPRESSED CURB INLET

STATION C/L	OFFSET	WIDTH
"O" 53+94.12	RT	24'
"O" 73+62.22	LT	24'
"T" 3+10.97	RT	24'

PIPE	STATION	CLASS	REMARKS
P-3	"O" 54+93	I	
P-4	"O" 57+06	I	
P-6	"O" 59+50	I	
P-10	"O" 70+10	I	
P-12	"O" 71+50	I	
P-14	"O" 71+82	I	

STATION	OFFSET	QUANTITY		REMARKS
		642(4)	642(10)	
"O" 55+37	15 LT	1	1	SET MONUMENTS STA. 59+26 TO 73+20 PARALLEL WITH RUNWAY
"O" 59+26	15 LT	1	1	
"O" 63+86	15 LT	1	1	
"O" 73+20	15 LT	1	1	
"O" 77+51	15 RT	1	1	

STATION	OFFSET	TYPE	REMARKS
"O" 53+52	10 RT	A	WITH SUMP
"O" 55+36	36 LT	A	ALONG EXISTING ROADWAY
"O" 57+00	93 LT	A	ALONG EXISTING ROADWAY
"O" 57+94	159 LT	A	ALONG EXISTING ROADWAY
"O" 59+56	329 LT	A	ALONG EXISTING ROADWAY
"O" 62+06	374 LT	A	ALONG EXISTING ROADWAY

STATION	OFFSET	REMARKS
"O" 53+65	19 RT	UTILITY POLE
"O" 54+22	29 RT	ABANDONED POWER POLE
"O" 55+57	8 LT	POWER POLE
"O" 60+97	12 LT	GUY POLE
"O" 61+30	9 RT	ABANDONED POWER POLE
"O" 67+66	2 LT	POWER POLE

STATION	OFFSET	REMARKS
"A" 1+61.5	26.1 RT	
"C" 1+68.6	23.0 LT	

STATION FROM	STATION TO	REMARKS
"O" 55+01, 70' LT	"O" 64+22, 372' LT	

STRUCT. NO.	STATION	OFFSET	TOP OF CASTING ELEV.	STRUCT. FUNCT.	STRUCT. TYPE	TYPE FRAME AND GRATE
S-1	"O" 52+74.79	19.0 RT	27.19	INLET	1	STD. CURB INLET, HIGH CAPACITY
S-2	"O" 54+92.50	19.0 RT	24.40	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-3	"O" 57+06.12	19.0 RT	22.36	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-4	"O" 59+50.00	19.0 RT	26.27	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-5	"O" 62+00.00	19.0 RT	34.58	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-6	"O" 65+25.00	19.0 RT	35.86	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-7	"O" 67+75.00	19.0 RT	33.89	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-8	"O" 70+10.34	19.0 RT	32.57	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-9	"O" 71+49.84	46.3 LT	32.18	INLET	A	FIELD INLET
S-10	"O" 71+82.00	19.0 RT	33.33	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-11A	"O" 72+84.00	60.0 LT	37.26	MANHOLE	A	SOLID GRATE DELETED
S-11B	"O" 72+83.00	28.0 LT	33.37	INLET	A	FIELD INLET
S-12	"O" 73+62.00	19.0 LT	34.44	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-13	"T" 1+36.30	15.5 RT	36.15	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-14	"O" 75+72.50	19.0 LT	35.92	INLET	1	STD. CURB INLET, HIGH CAPACITY
S-15	"O" 75+80.65	88.2 LT	35.15	INLET	1	FIELD INLET
S-16	"O" 77+78.99	17.9 LT	34.64	INLET	A	STD. CURB INLET, HIGH CAPACITY
S-17	"T" 3+20.89	12.0 RT	REPLACE EXISTING CURB INLET FRAME/GRATE WITH DEPRESSED CURB FRAME/GRATE			

1. STATION AND OFFSET TAKEN TO CENTER OF STRUCTURE.
2. ALL TYPE A INLET BOXES AND TYPE I STORM DRAIN MANHOLES SHALL HAVE 18" MIN. SUMP.
3. SEE STD. DWG D-25.00 FOR HIGH CAPACITY GRATES.

MON. NO.	STATION	OFFSET	NORTHING	EASTING	ELEV.	DESCRIPTION
1	"O" 77+01.50	213.84 LT	31093.4874	47882.6411	35.36'	CL_MON_"F"
2	"O" 72+49.46	87.26 LT	30734.6059	48216.2638	37.07'	CL_MON_"G"

STATION	OFFSET	REMARKS
"O" 71+14	RT	"C" LINE INTERSECTION
"O" 71+53	RT	"C" LINE INTERSECTION
"O" 75+18	LT	"T" LINE INTERSECTION
"O" 75+20	RT	SIDEWALK TERMINATION
"A" 1+71	RT	OLD AIRPORT RD INTERSECTION
"A" 1+91	LT	OLD AIRPORT RD INTERSECTION
"T" 1+80	LT	OLD AIRPORT RD MERGE
"T" 2+06	RT	
"T" 4+10	RT	SIDEWALK TERMINATION

CHECKED BY: C. HOWARD

10-10-57

STATE OF ALASKA
19th
Darryl G. Lester
CE-11514
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

PATH: 01SIT68187/PLANSET68187_D_S

TAB: 01

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NH-099-3(5)	2007	D1	40

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. *JS* Date 6-10-10



- ### VALVE BOX ADJUSTMENT DETAIL

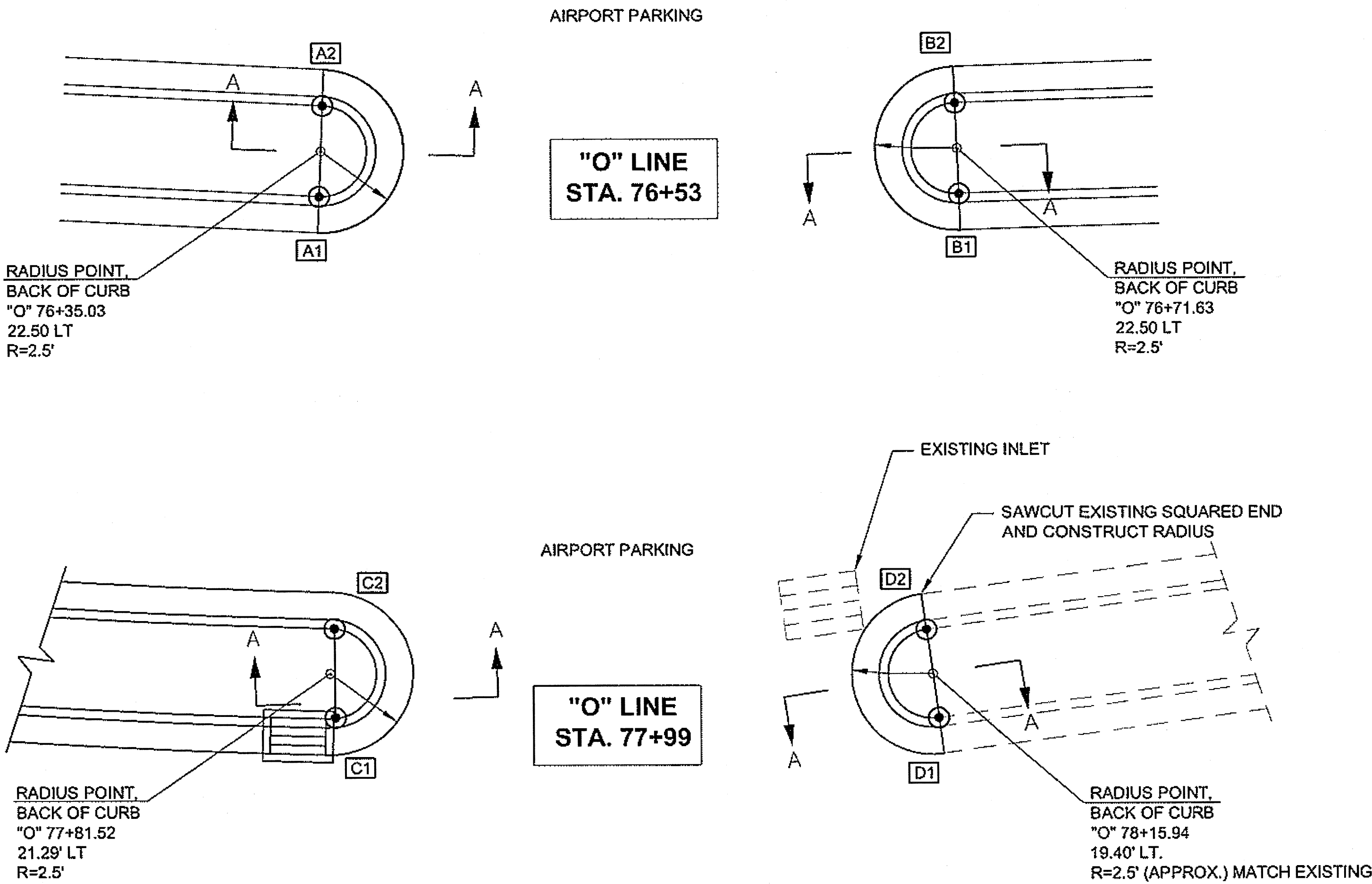


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng. HT Date 6-10-10

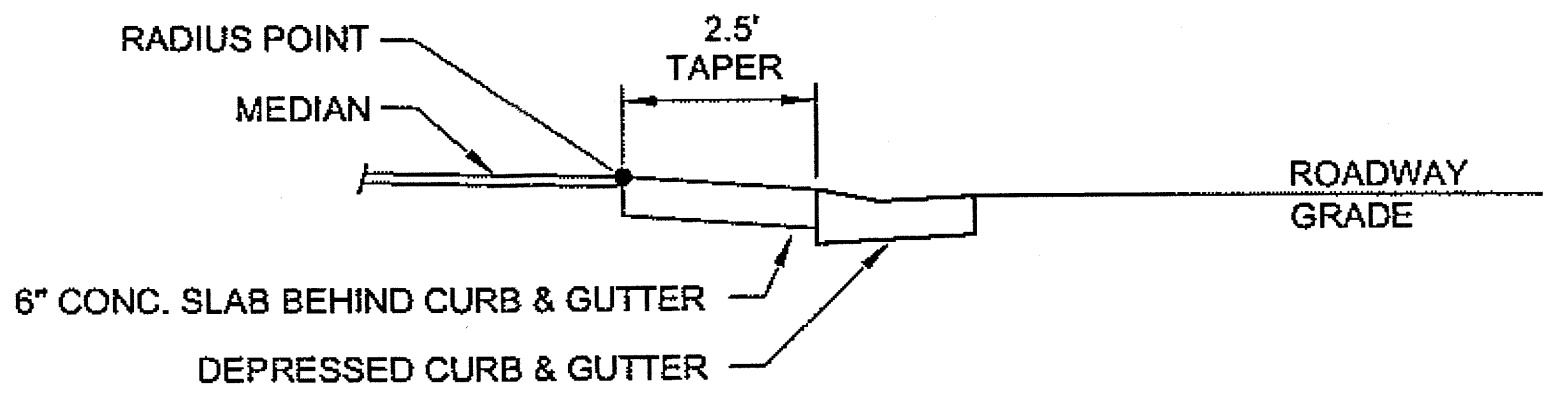
SIDEWALK, CURB AND GUTTER NOTES

- 1. CONCRETE SIDEWALK, CURB AND GUTTER EXPANSION JOINTS SHALL BE AT EACH END OF CURB RETURNS AND IMMEDIATELY PRECEDING AND FOLLOWING ALL CURB CUTS. THEREAFTER, THEY SHALL BE PLACED AT 30' MAXIMUM.
- 2. CONCRETE SIDEWALK DUMMY JOINTS SHALL EXTEND INTO CONCRETE 1" DEPTH AND 1/8" WIDE AT 5' MAXIMUM INTERVALS BETWEEN EXPANSION JOINTS.
- 3. WHERE THE ROADWAY IS SUPERELEVATED THE GUTTER PAN ON THE HIGH SIDE OF THE ROADWAY SHALL MATCH THE SLOPE OF THE ROADWAY AND DRAIN TOWARD THE CENTER OF THE ROADWAY.
- 4. REFERENCE STANDARD DRAWING I-20.13 FOR ADDITIONAL DETAILS.

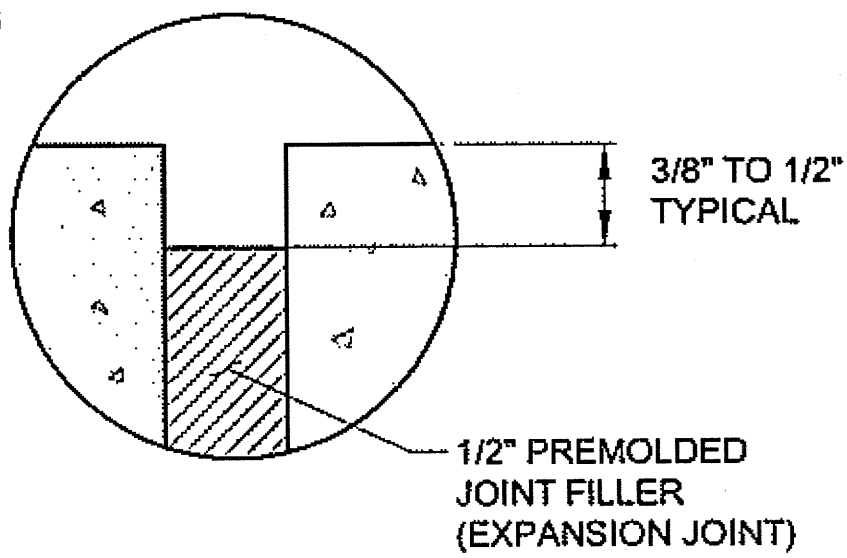


PLAN VIEWS

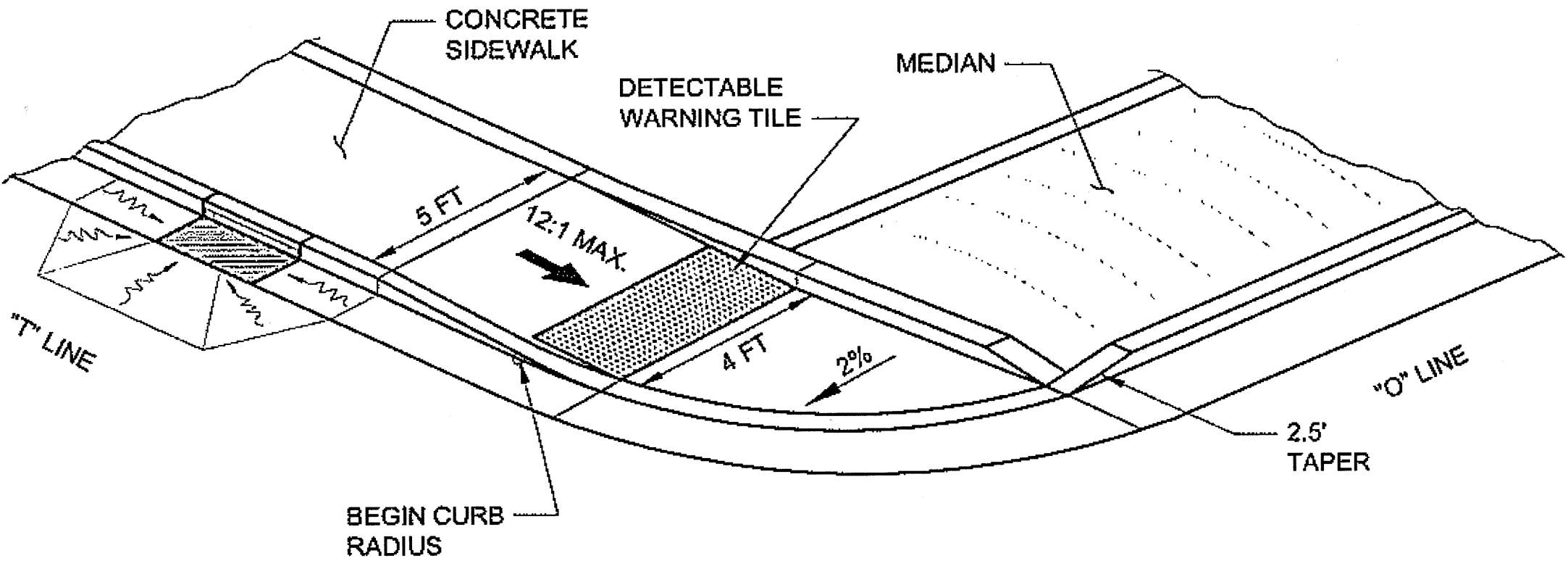
MEDIAN CURB LAYOUT TABLE				
POINT	DESC	STATION	OFFSET	T.B.C. ELEV.
A1	PC	"O" 76+35.03	20.00 LT	35.84
A2	PT	"O" 76+35.03	25.00 LT	35.84
B1	PC	"O" 76+71.63	20.00 LT	35.67
B2	PT	"O" 76+71.63	25.00 LT	35.67
C1	PC	"O" 77+81.39	18.80 LT	35.15
C2	PT	"O" 77+81.64	23.79 LT	35.15
D1	PC	"O" 78+16.05	16.94 LT	MATCH EXISTING
D2	PT	"O" 78+15.82	21.86 LT	MATCH EXISTING



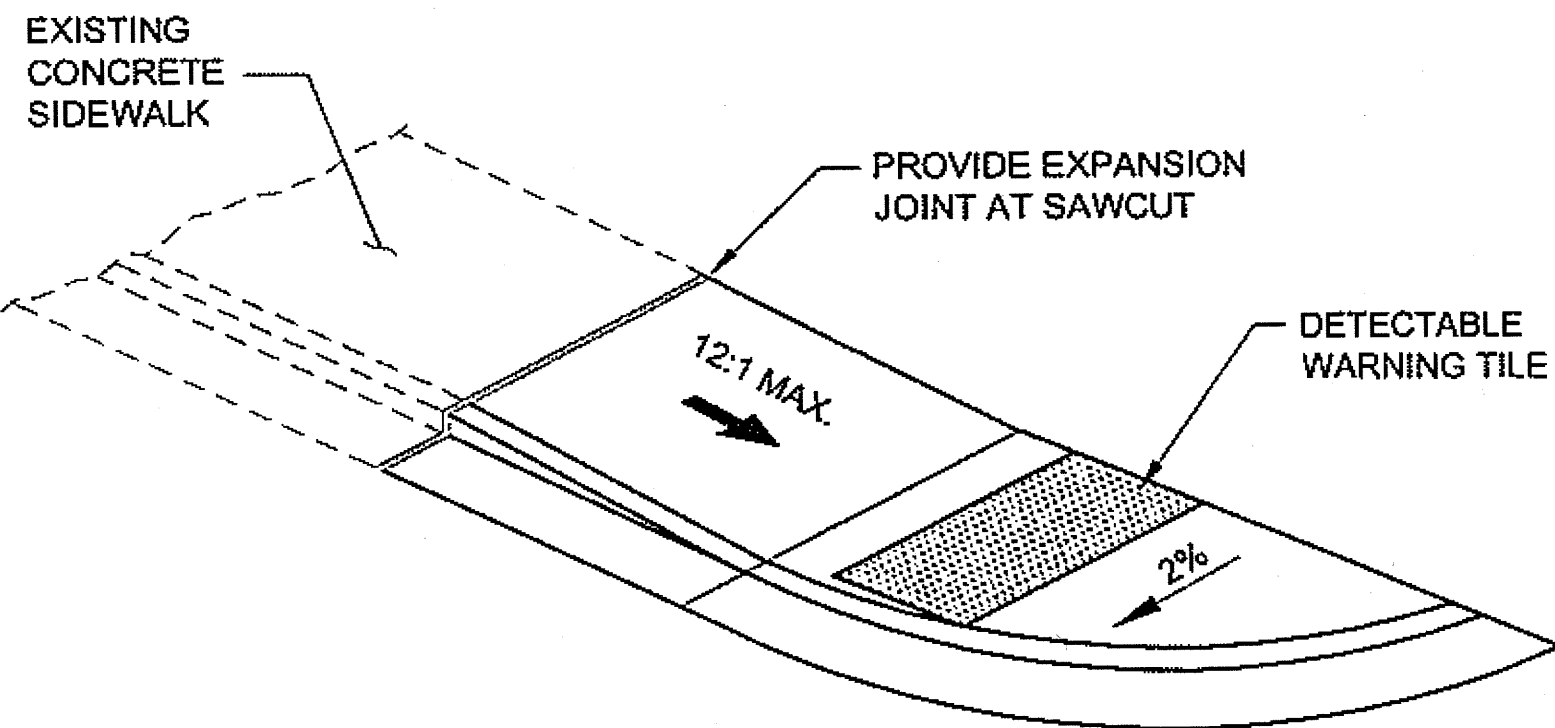
SECTION A-A
AIRPORT PARKING ACCESS DETAIL



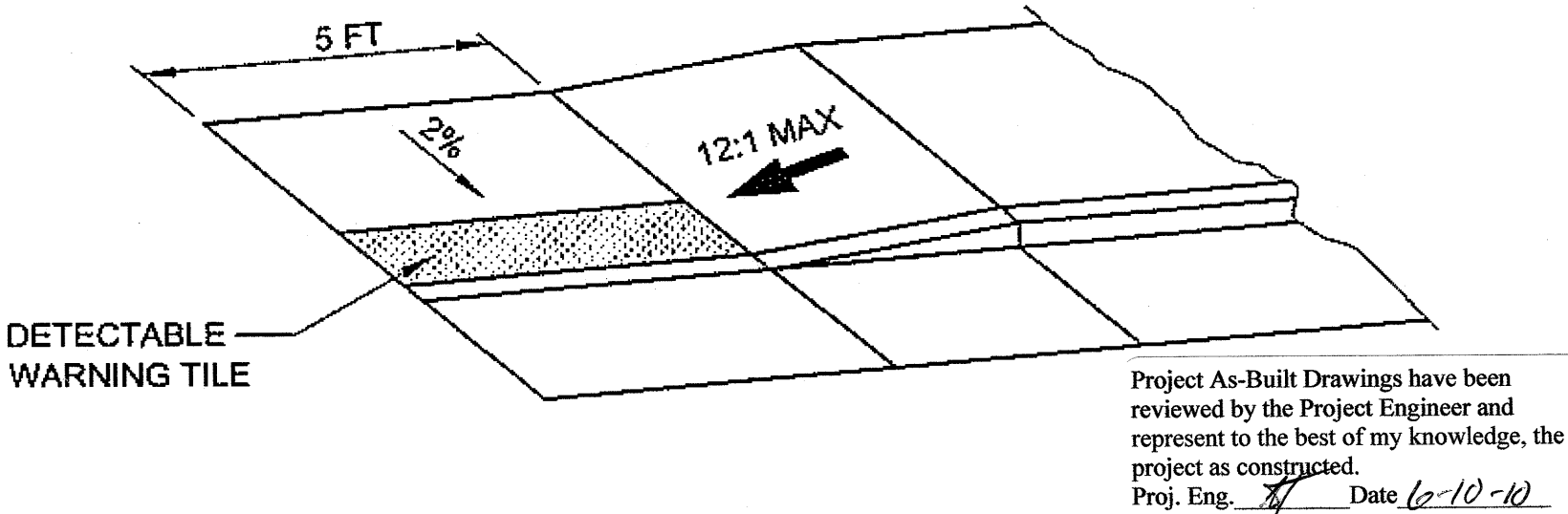
CONCRETE EXPANSION
JOINT DETAIL



"O" LINE - "T" LINE
CURB RAMP DETAIL
STA. "O" 75+18



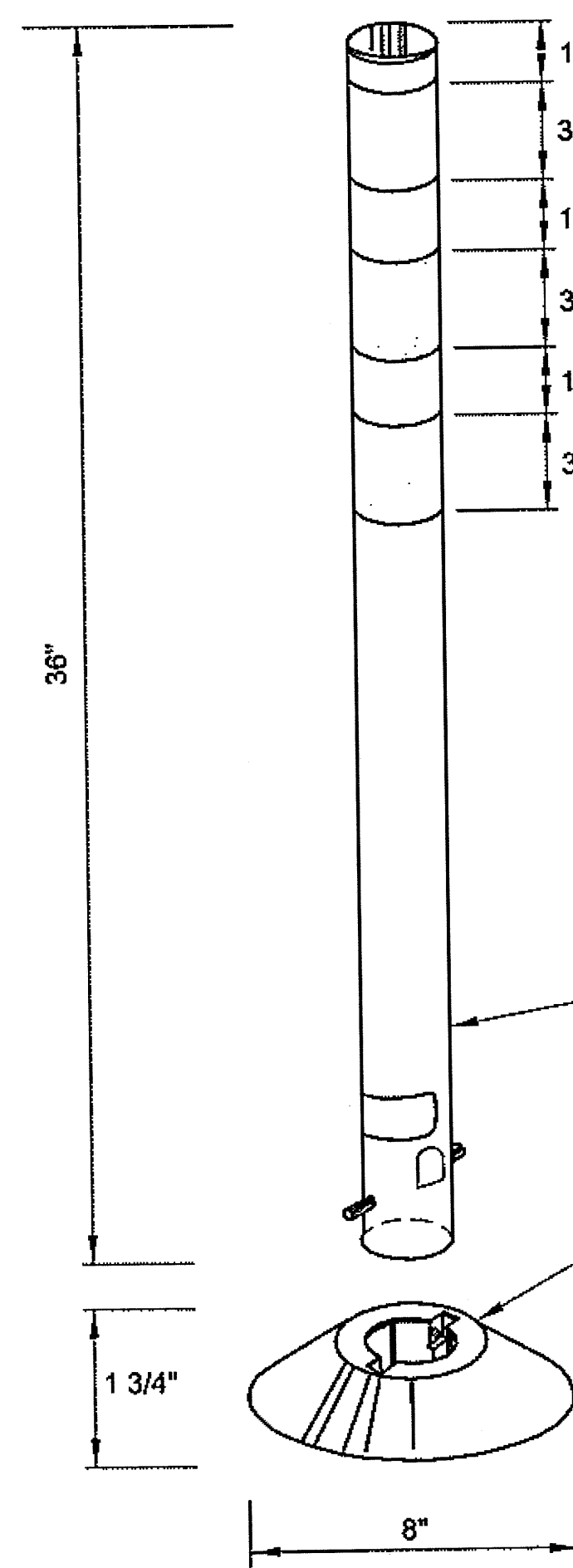
"A" LINE RAMP DETAIL



SIDEWALK TERMINATION RAMP
STA. "O" 75+20 RT

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. LESTER	SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187
DRAWN BY: L. ROBERTSON, R. GRANTHAM	MISCELLANEOUS DETAILS
PATH: Q:\SIT\68187\PLANSET\68187_E_DETAILS.DWG	
TAB: E2	
REVISIONS	PROJECT DESIGNATION
NO. DATE DESCRIPTION	NH-099-3(5)
	YEAR
	2007
	SHEET
	E2
	TOTAL
	40



DELINEATOR SUMMARY	
STATION	OFFSET
"T" 1+90.90	18.74 LT
"T" 1+96.28	49.62 LT
"T" 2+20.46	19.57 LT

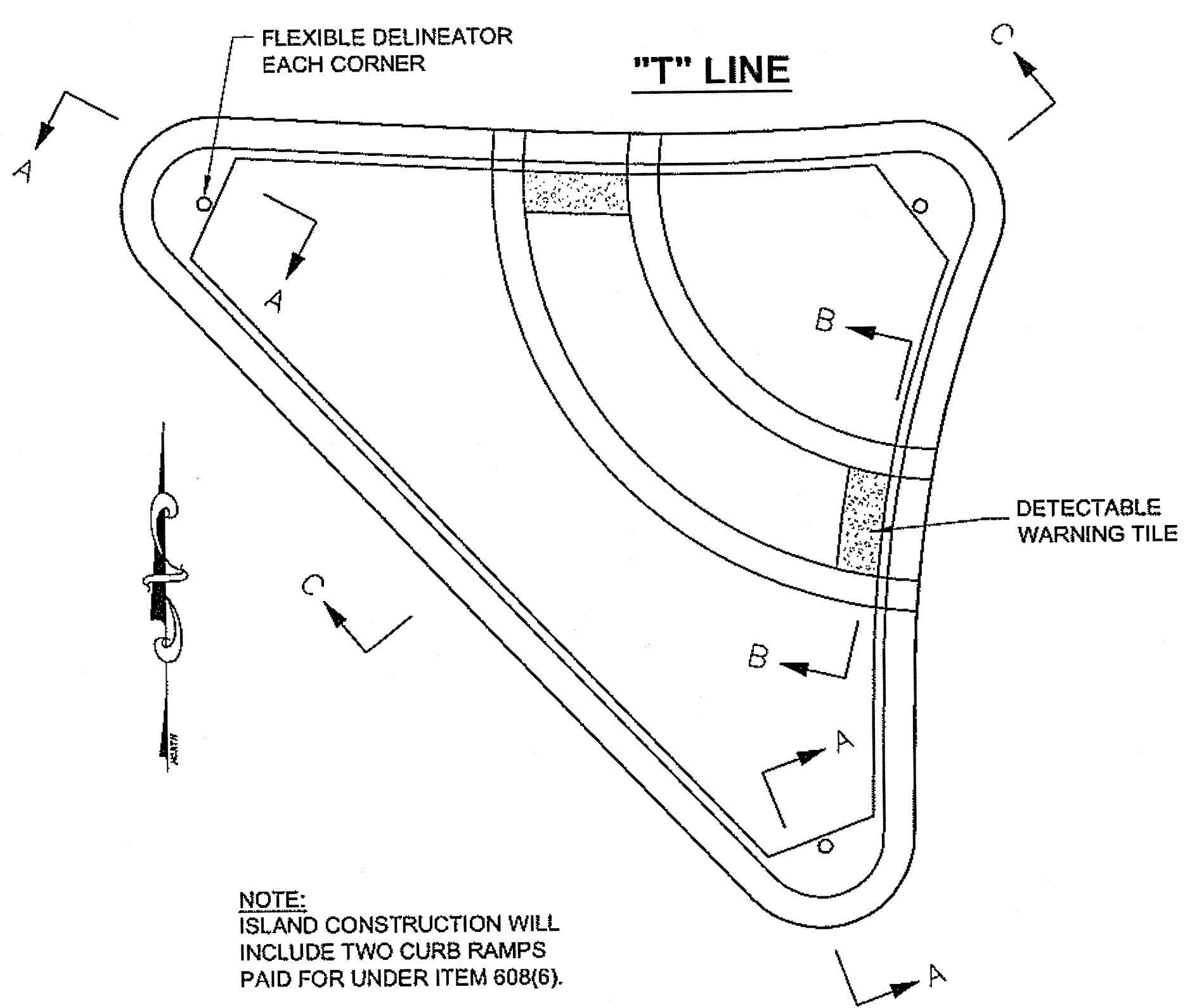
3' WHITE POST WITH THREE HIGH INTENSITY AMBER REFLECTIVE WRAPS.

TWIST-LOCK SURFACE MOUNT BASE

NOTE:

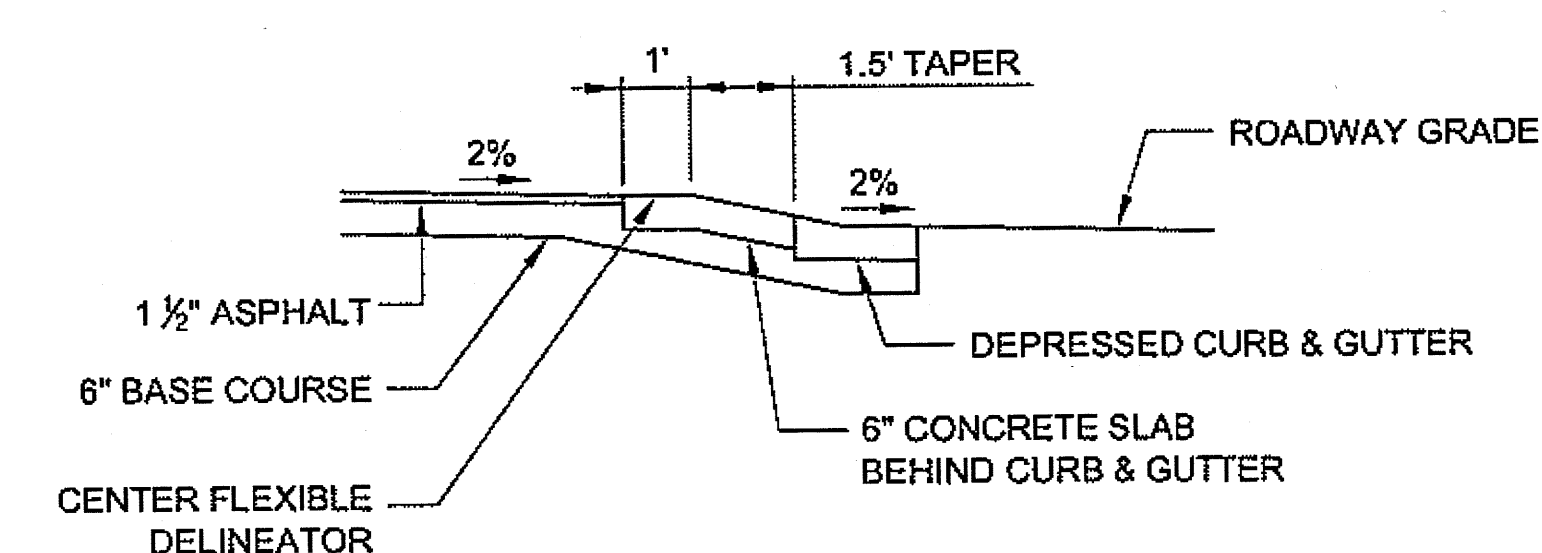
1. DELINEATORS SHALL BE WHITE IN COLOR. DELINEATORS INSTALLED ON MEDIAN SHOULDERS SHALL HAVE YELLOW REFLECTIVE SHEETING.

FLEXIBLE DELINEATOR DETAIL

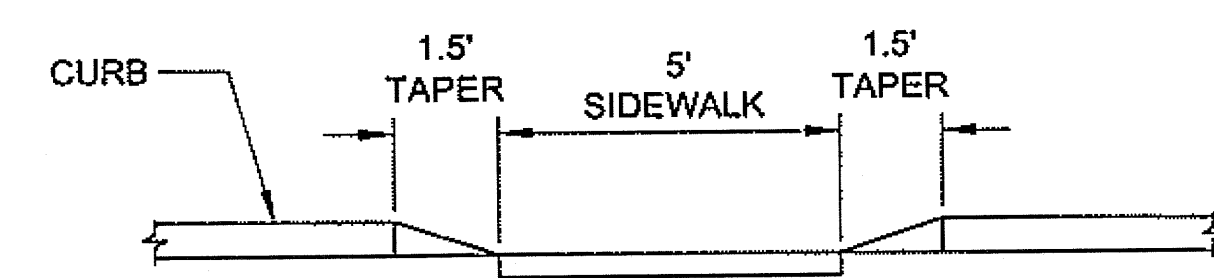


NOTE: ISLAND CONSTRUCTION WILL INCLUDE TWO CURB RAMPS PAID FOR UNDER ITEM 608(6).

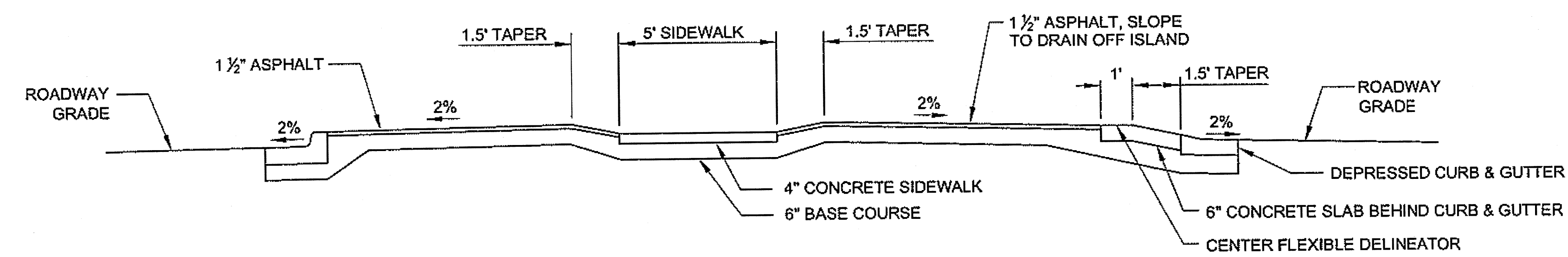
PLAN VIEW



SECTION A-A



SECTION B-B

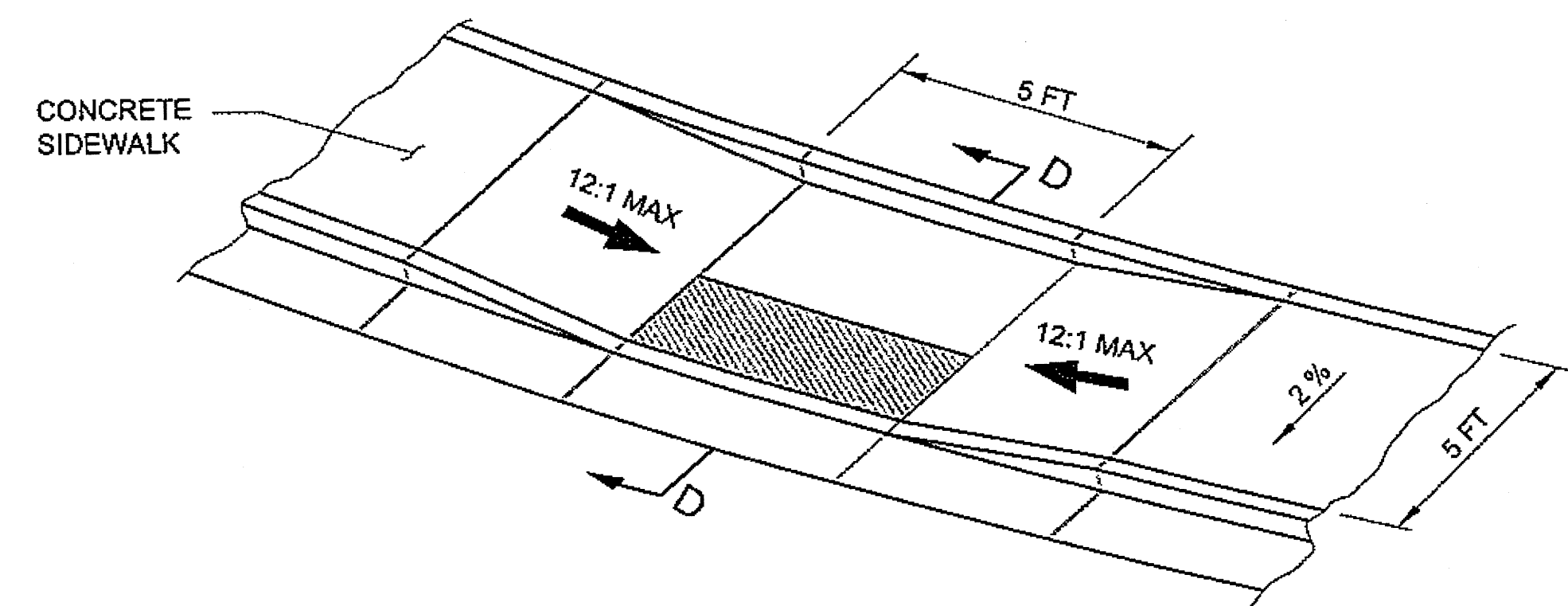


SECTION C-C

"T" LINE ISLAND DETAILS

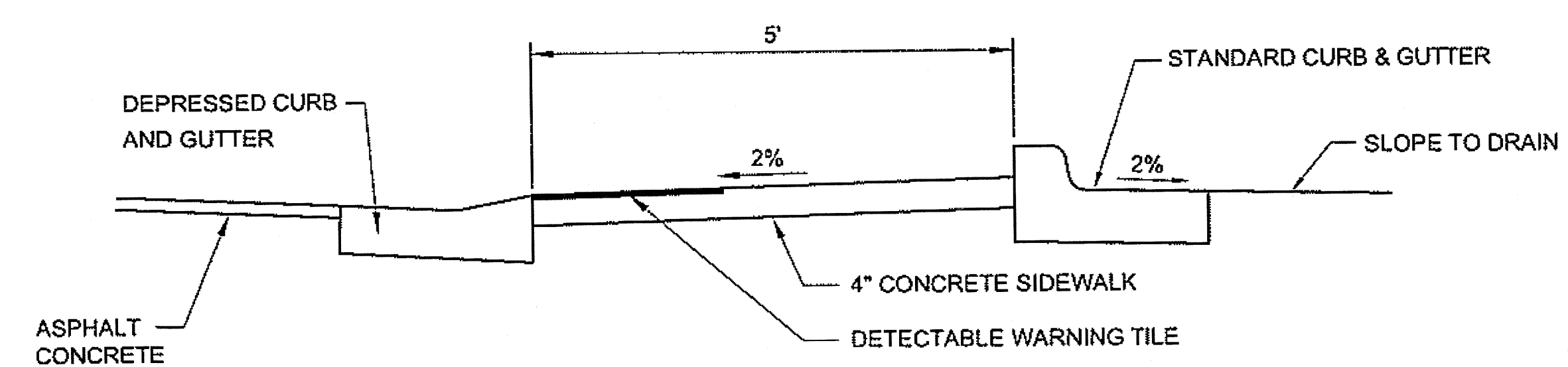
NOTES:

1. CROWN ISLAND AT CENTER SO DRAINAGE IS OUTWARD, OFF ISLAND.



"T" LINE RAMP DETAIL

STA. "T" 2+06 RT



SECTION D-D

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD

DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

PATH: Q:\SIT68187\PLANSET\68187_E_DETAILS.DWG

TAB: E3

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

**MISCELLANEOUS
DETAILS**

NO.	DATE	REVISIONS DESCRIPTION

PROJECT DESIGNATION

NH-099-3(5)

YEAR

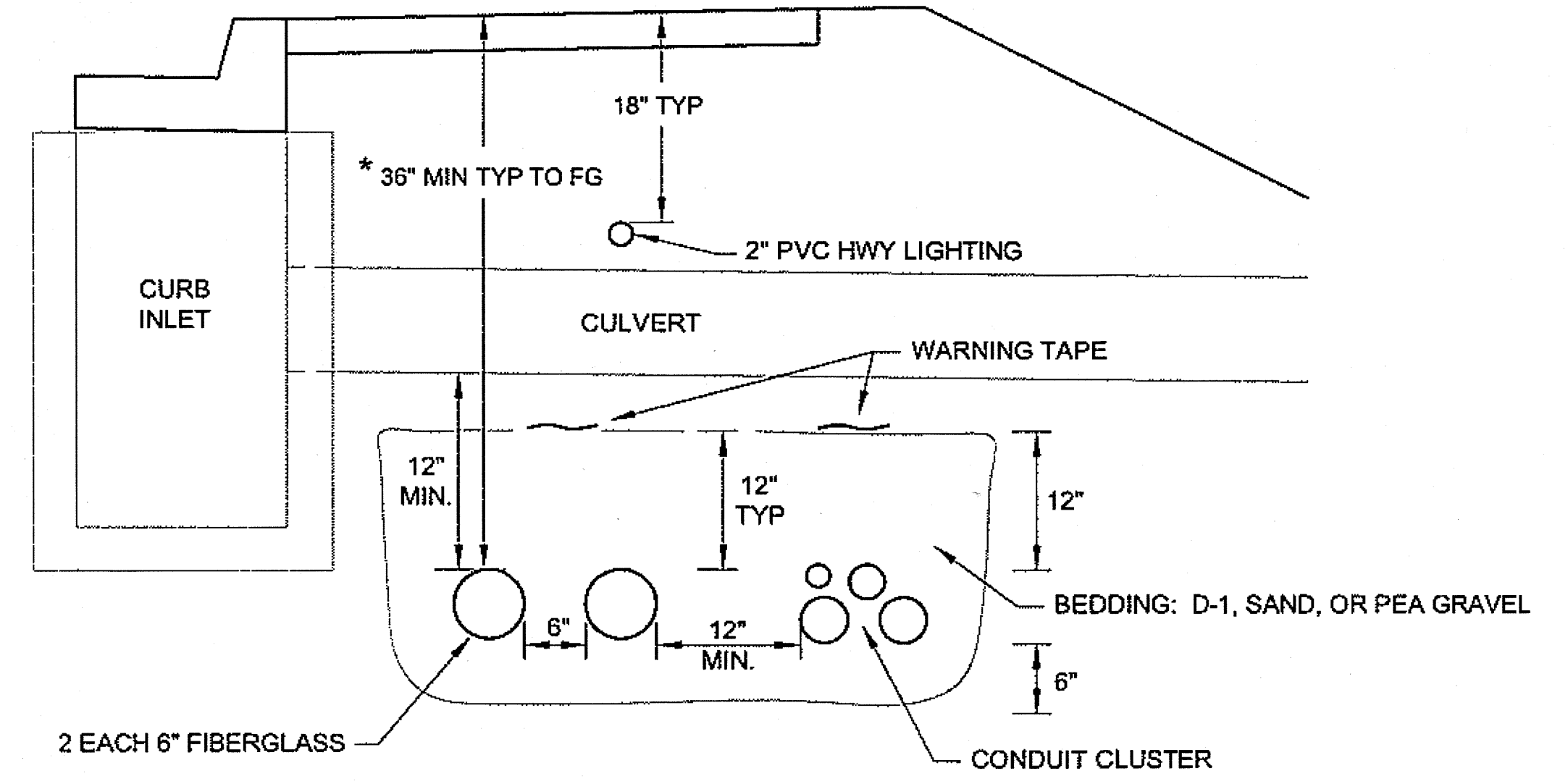
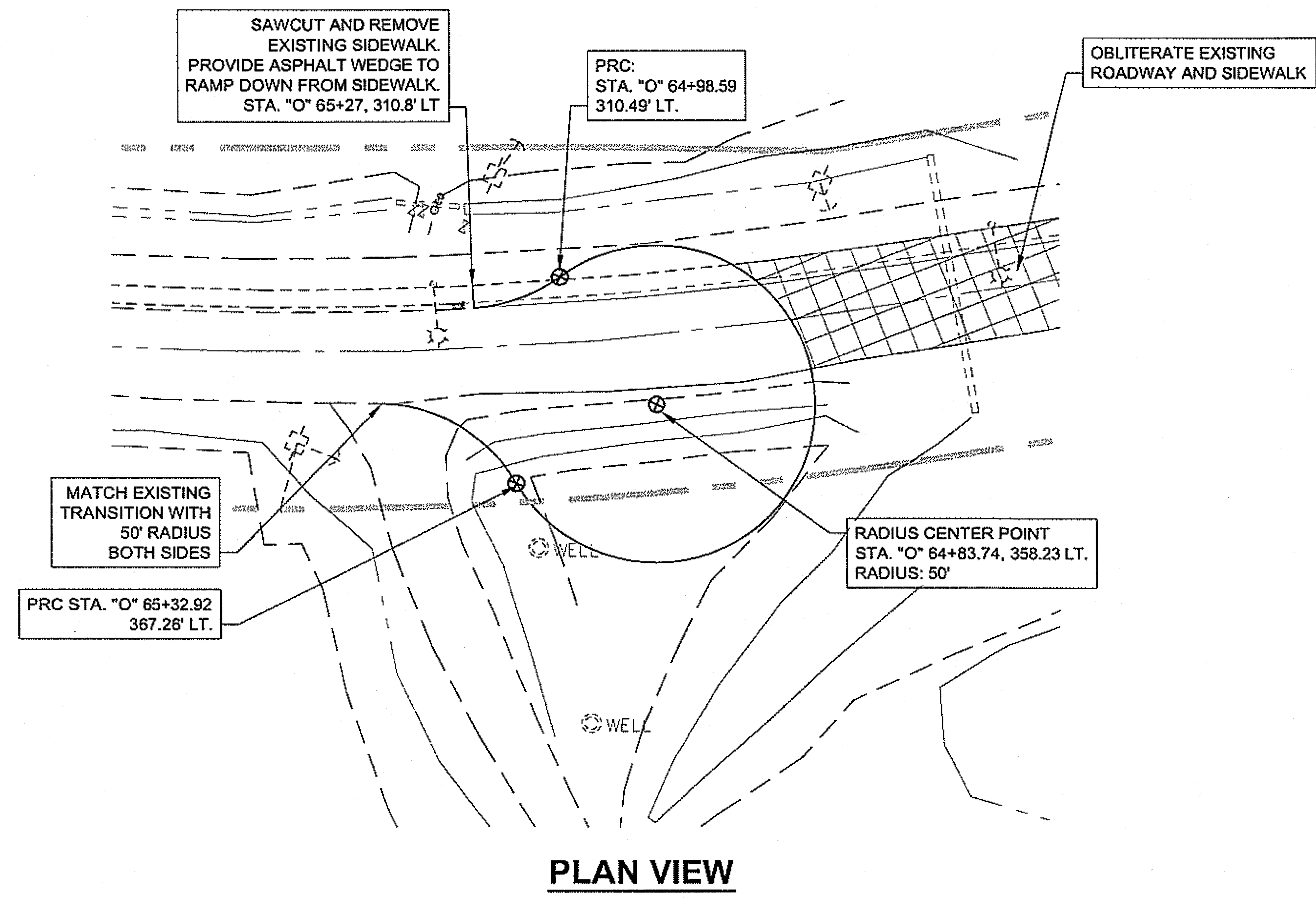
2007

SHEET NO.

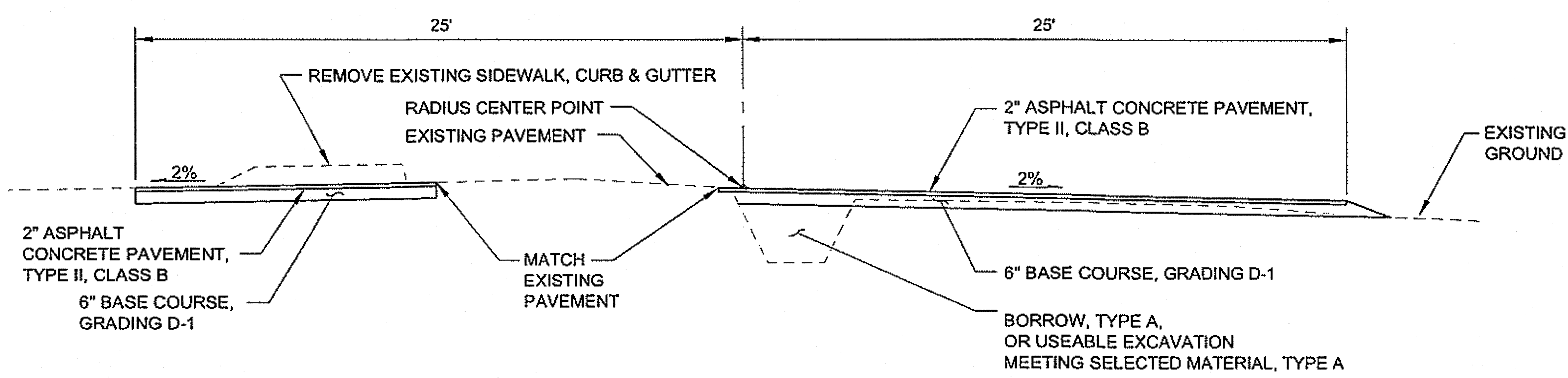
E3

TOTAL SHEETS

40

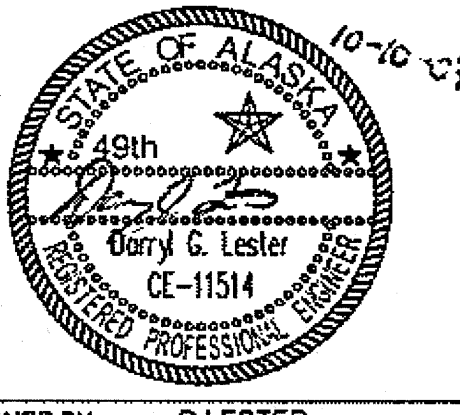


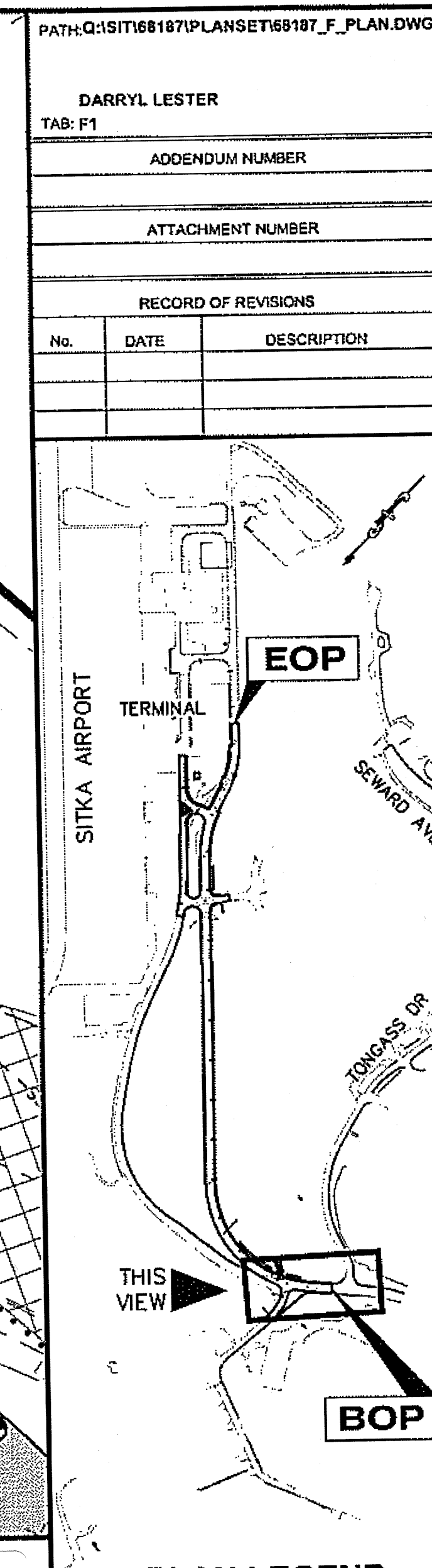
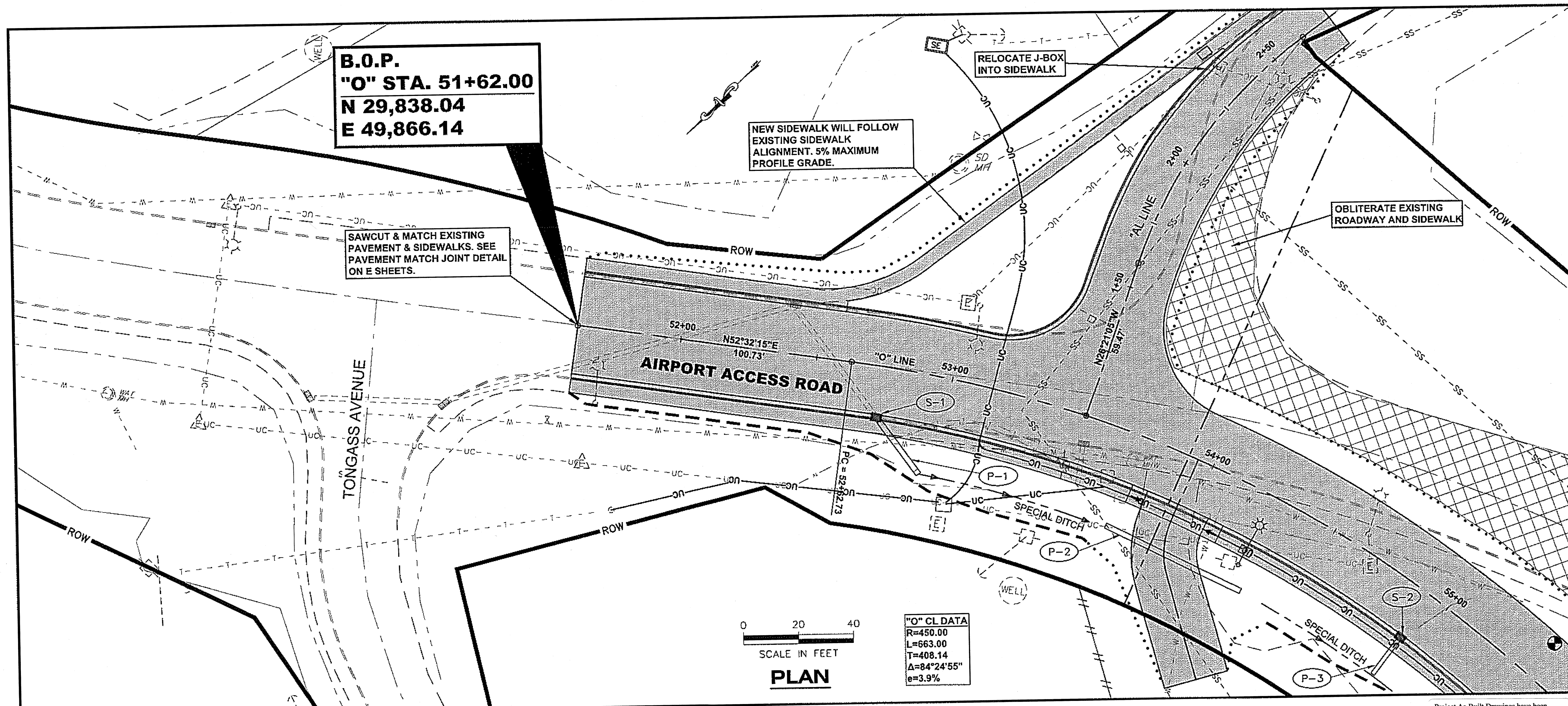
* SEE SHEETS U5 AND U6 FOR DEPTHS

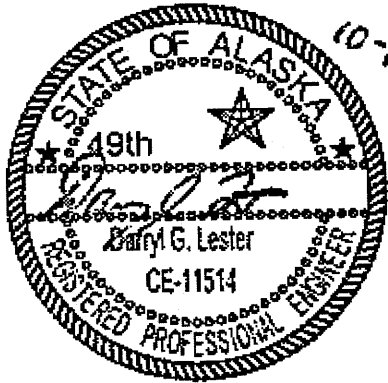


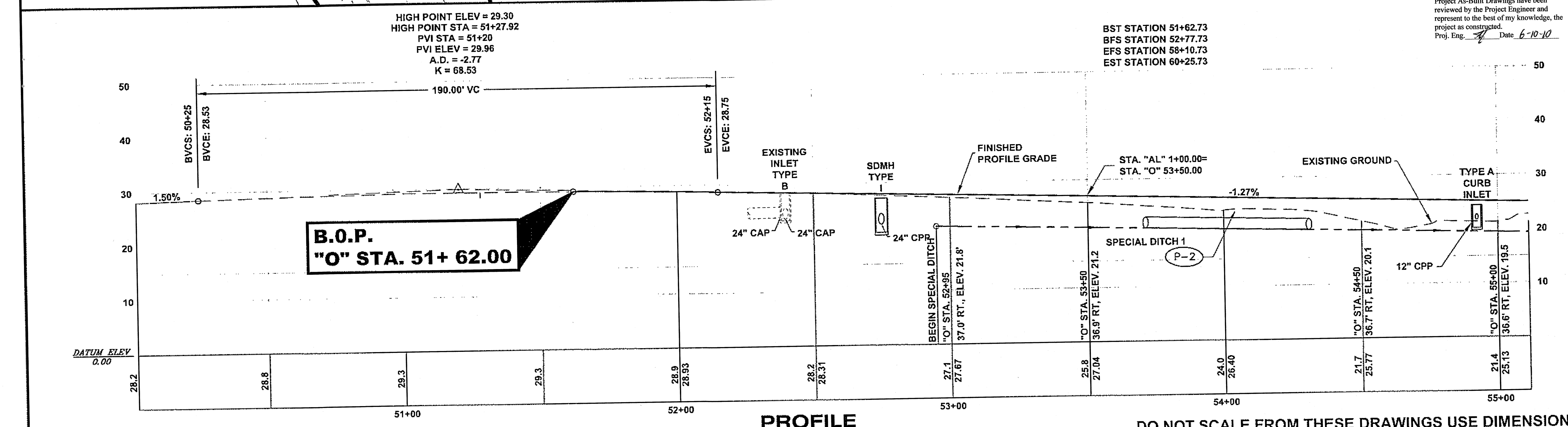
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Eng. *[Signature]* Date *6-10-10*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187	
DESIGNED BY: D. LESTER DRAWN BY: L. ROBERTSON, R. GRANTHAM PATH: Q:\SIT\68187\PLANSET\68187_E_DETAILS.DWG TAB: E4		MISCELLANEOUS DETAILS	
PROJECT DESIGNATION NH-099-3(5)		YEAR 2007	SHEET NO. E4
TOTAL SHEETS 40			

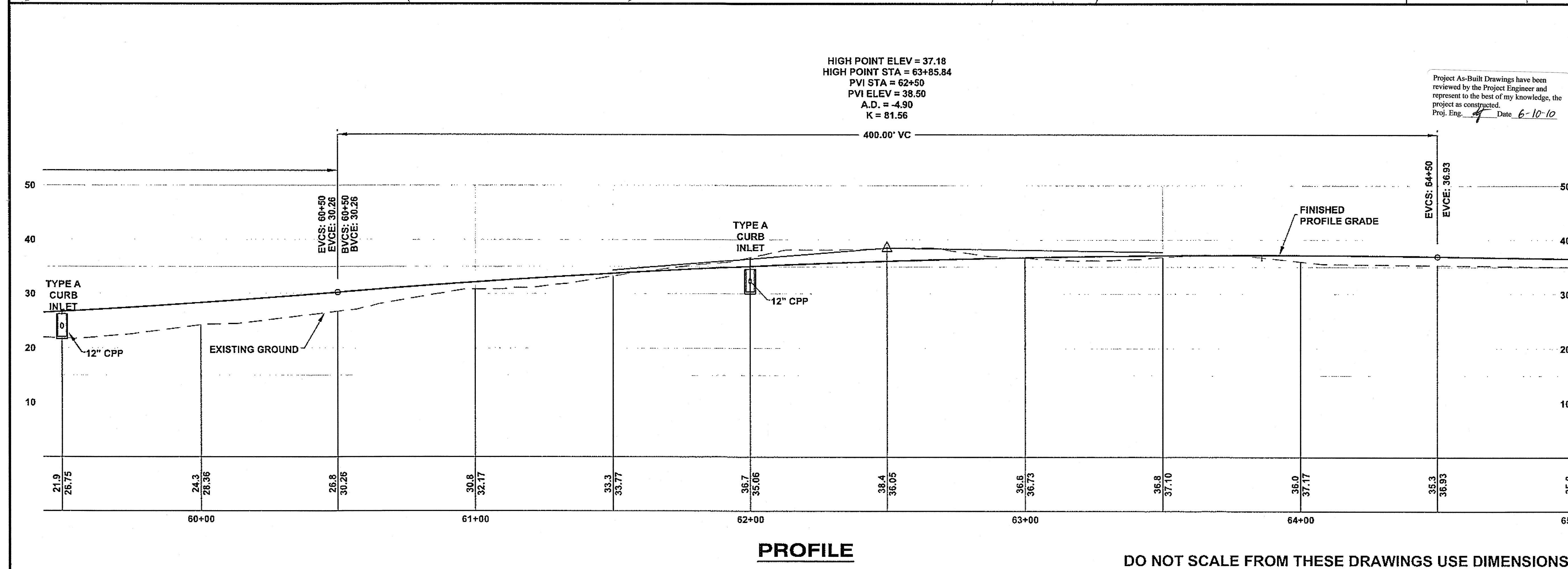
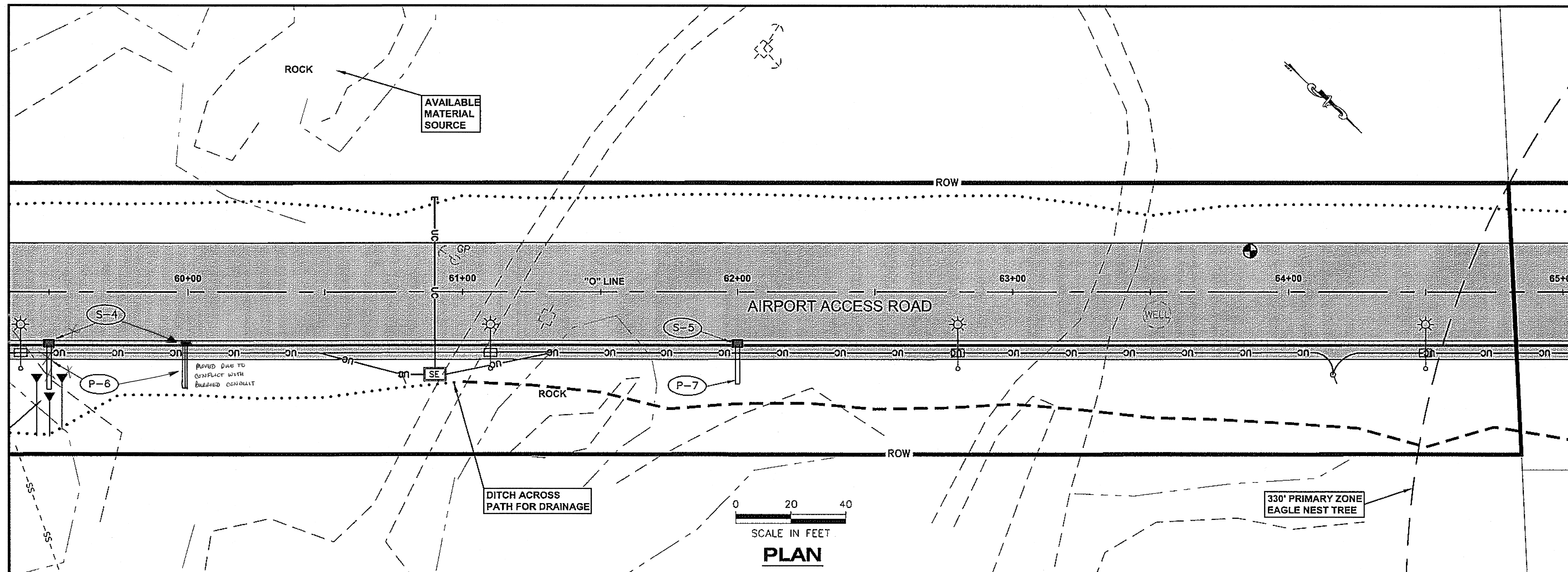


c	
PLAN LEGEND	
CHECKED BY: C. HOWARD	
 10-10-07	
DESIGNED BY: D. LESTER	
DRAWN BY: L. ROBERTSON, R. GRANTHAM	
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187	
PLAN & PROFILE	
PROJECT DESIGNATION	
NH-099-3(5)	
STATE	YEAR
ALASKA	2007
SHEET NUMBER	TOTAL SHEETS
F1	40
NS	



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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH: Q:\SIT\68187\PLANSET\68187_F_PLAN.DWG

DARRYL LESTER
TAB: F3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA AIRPORT

TERMINAL

EOP

THIS VIEW

SEWARD AVE

BOP

PLAN LEGEND

CHECKED BY: C. HOWARD

DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

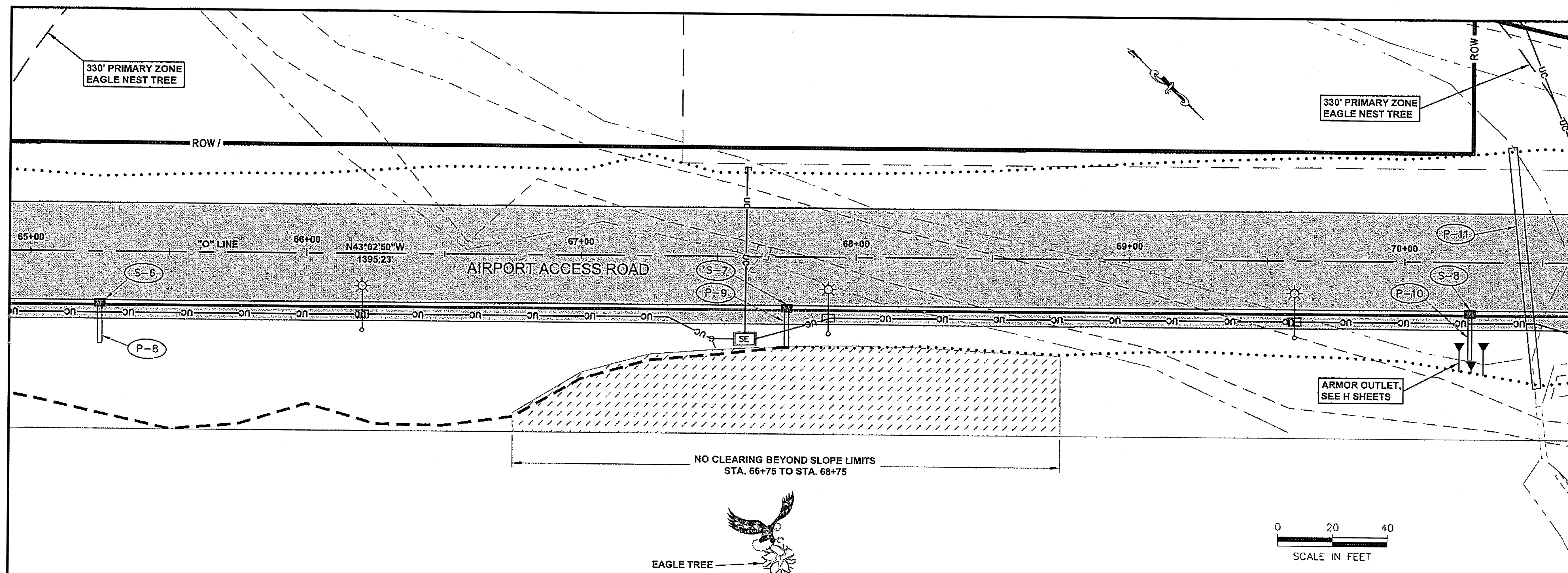
PLAN & PROFILE

PROJECT DESIGNATION

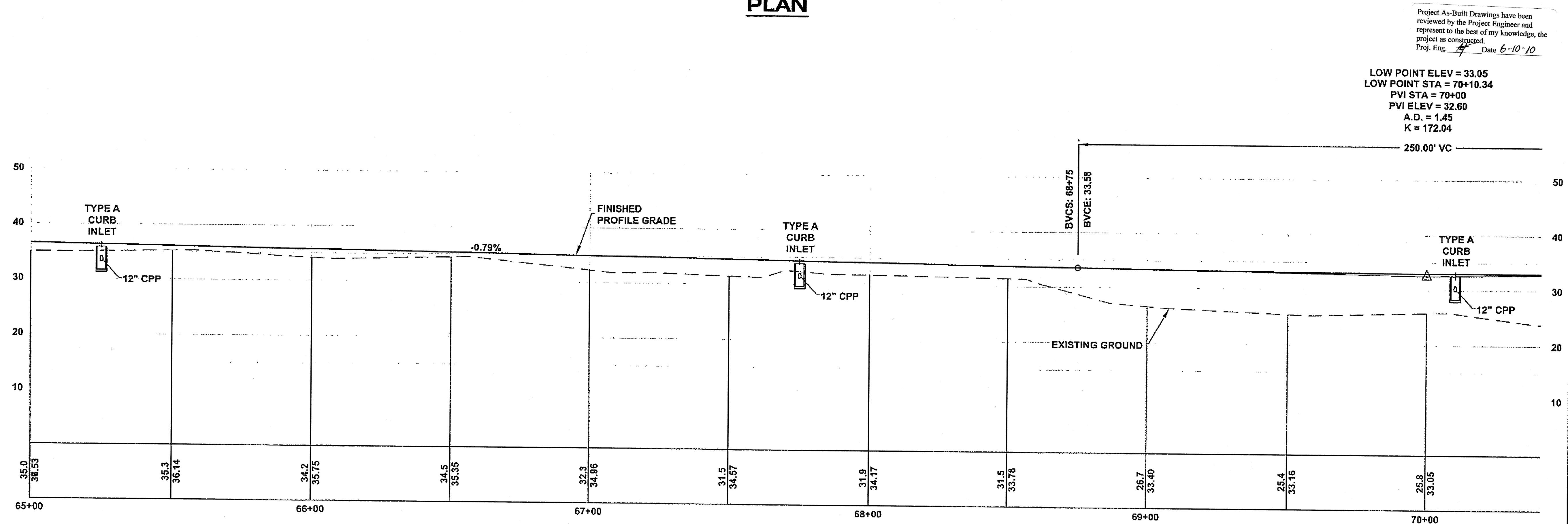
NH-099-3(5)

STATE	YEAR
ALASKA	2007

SHEET NUMBER	TOTAL SHEETS
F3	40



PLAN

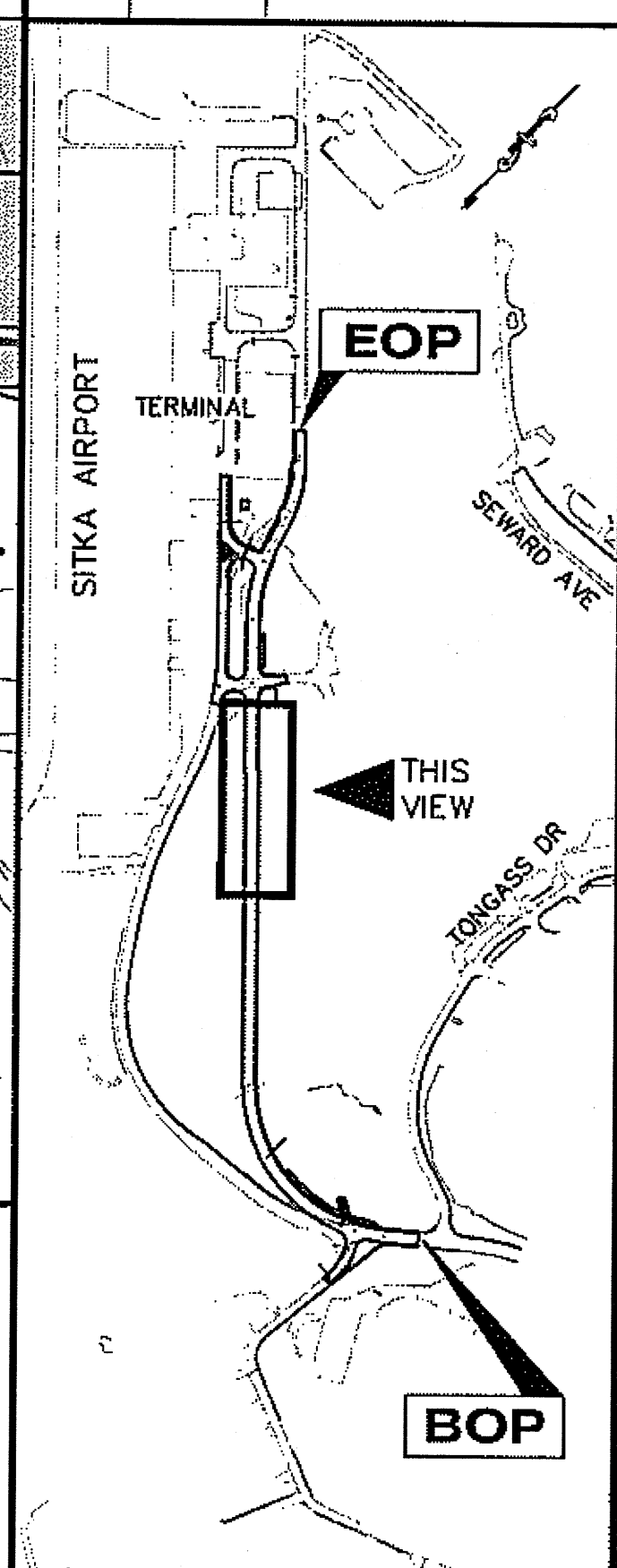


PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

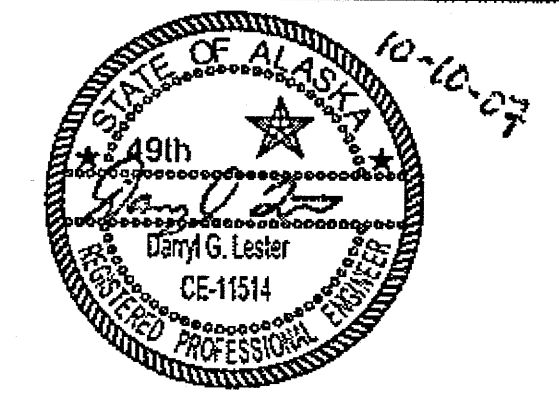
PATH:Q:\SIT\68187\PLANSET\68187_F_PLAN.DWG

DARRYL LESTER		
TAB: F4		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. HOWARD



DESIGNED BY: D. LESTER
DRAWN BY: L. ROBERTSON, R. GRANTHAM

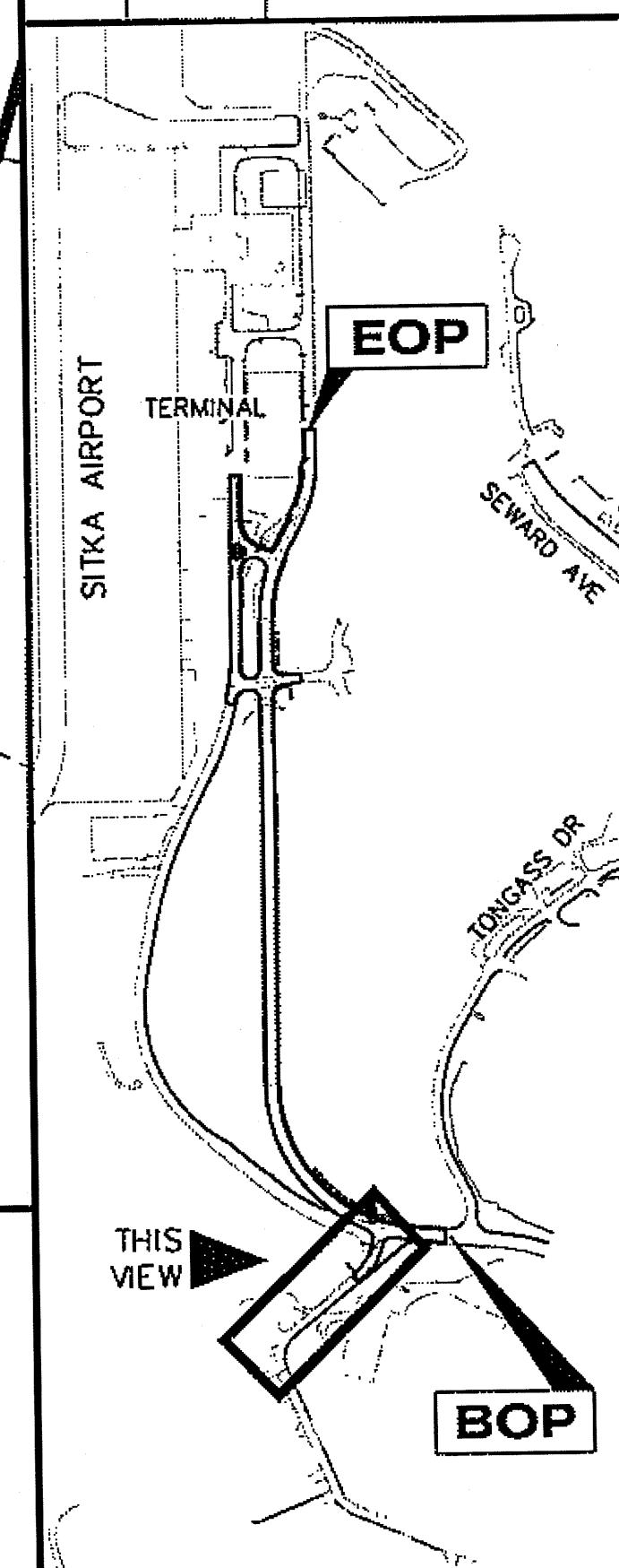
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

PLAN & PROFILE

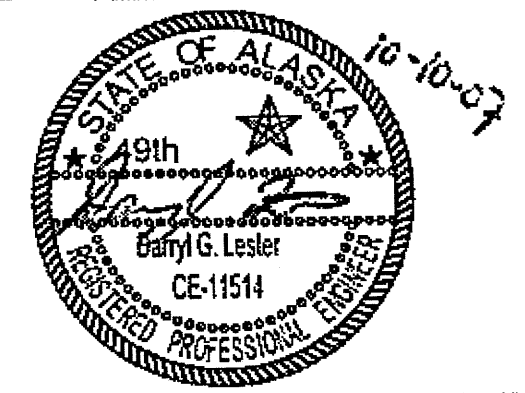
PROJECT DESIGNATION	
NH-099-3(5)	
STATE	YEAR
ALASKA	2007
SHEET NUMBER	TOTAL SHEETS
F4	40

DLESTER		
TAB: G1		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. HOWARD



DESIGNED BY: D. LESTER
DRAWN BY: L. ROBERTSON, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

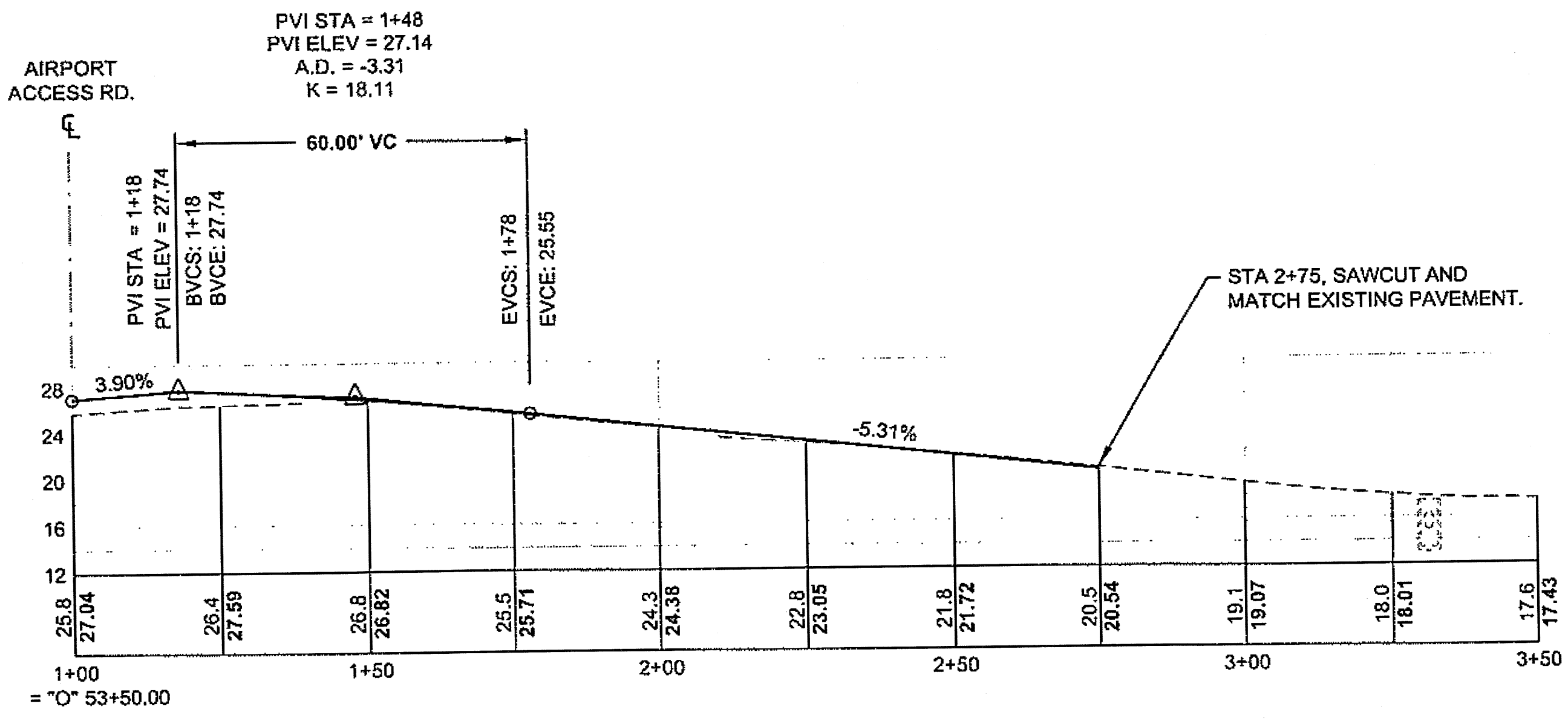
INTERSECTION
PLAN & PROFILE

PROJECT DESIGNATION	
NH-099-3(5)	
STATE	YEAR
ALASKA	2007
SHEET NUMBER	TOTAL SHEETS
G1	40

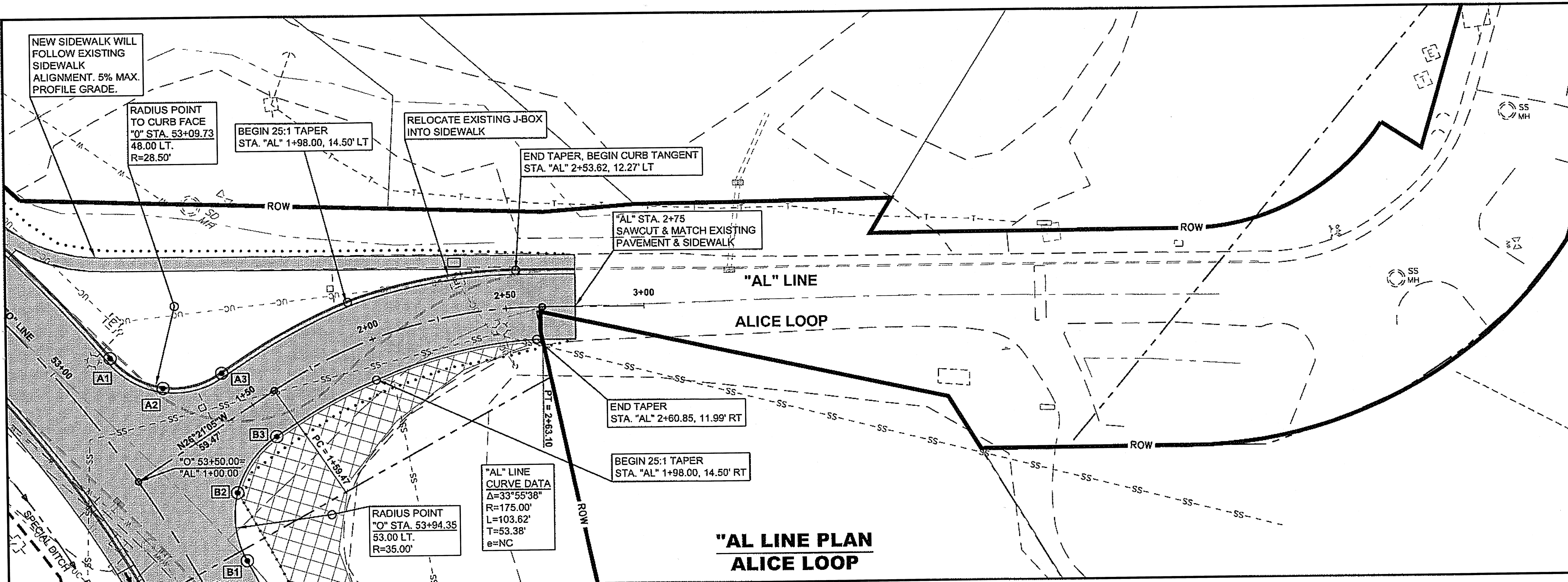
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

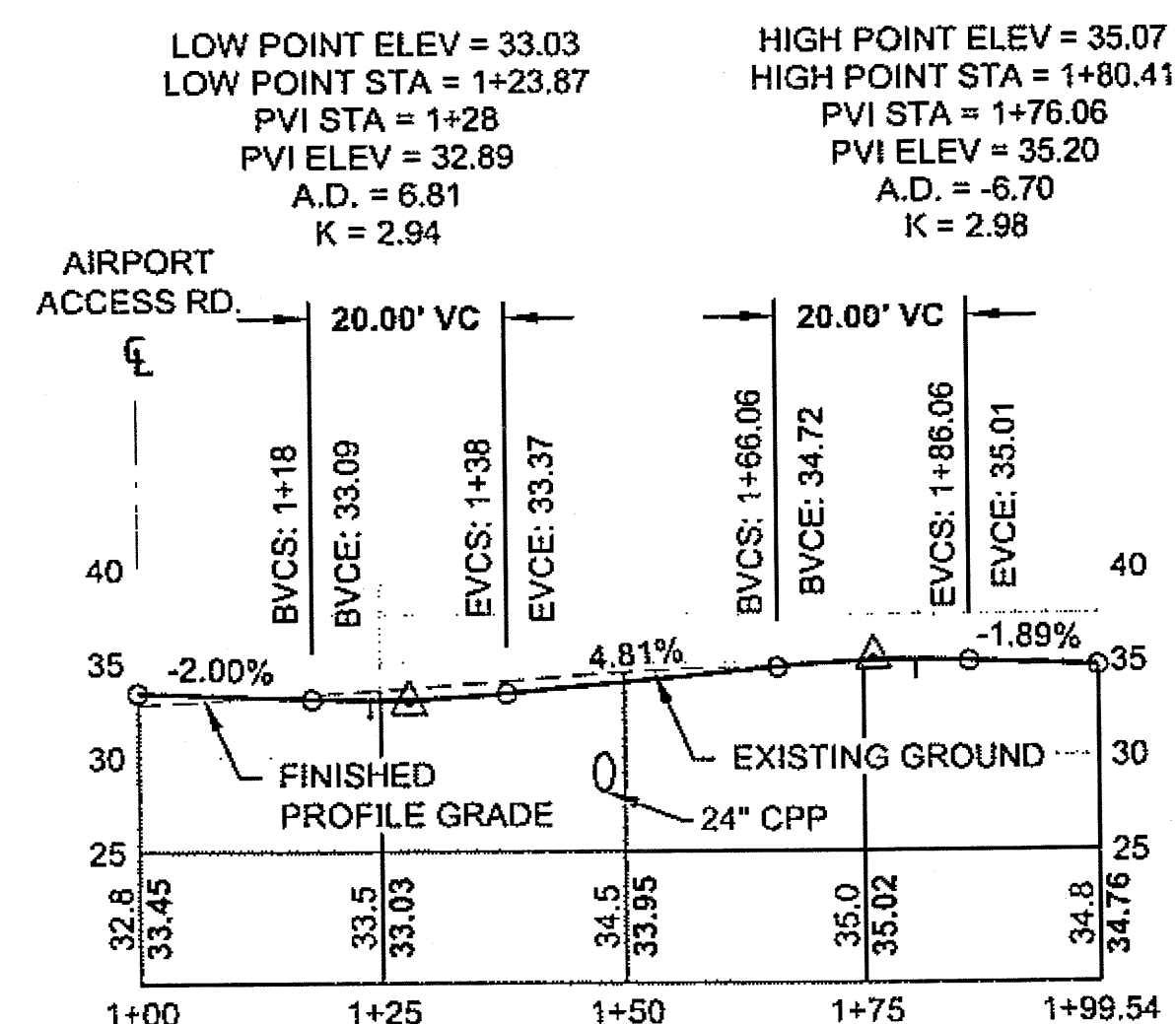
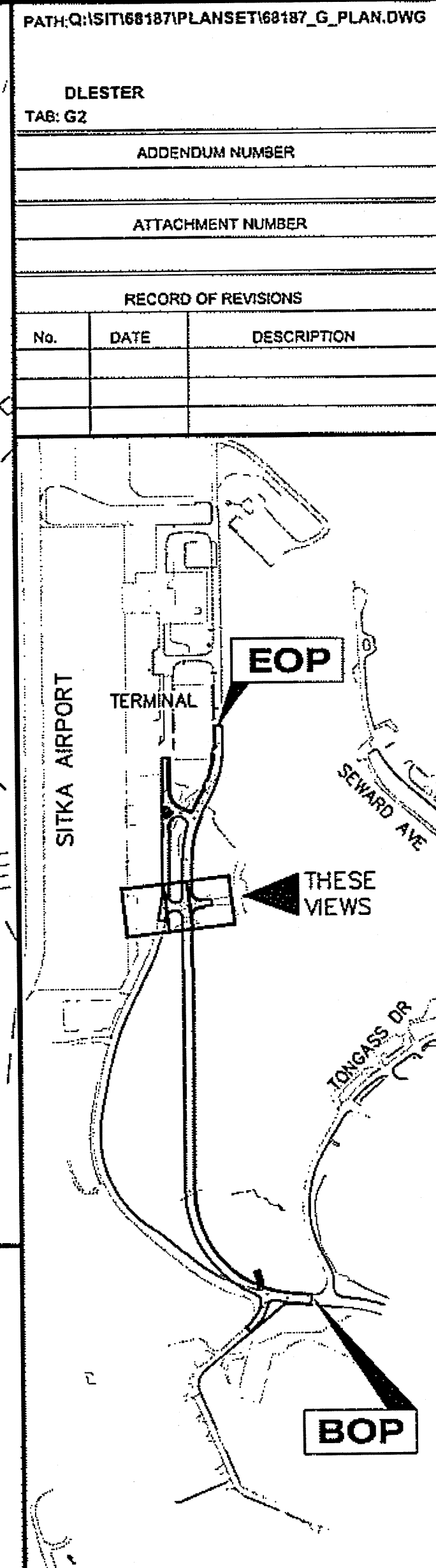
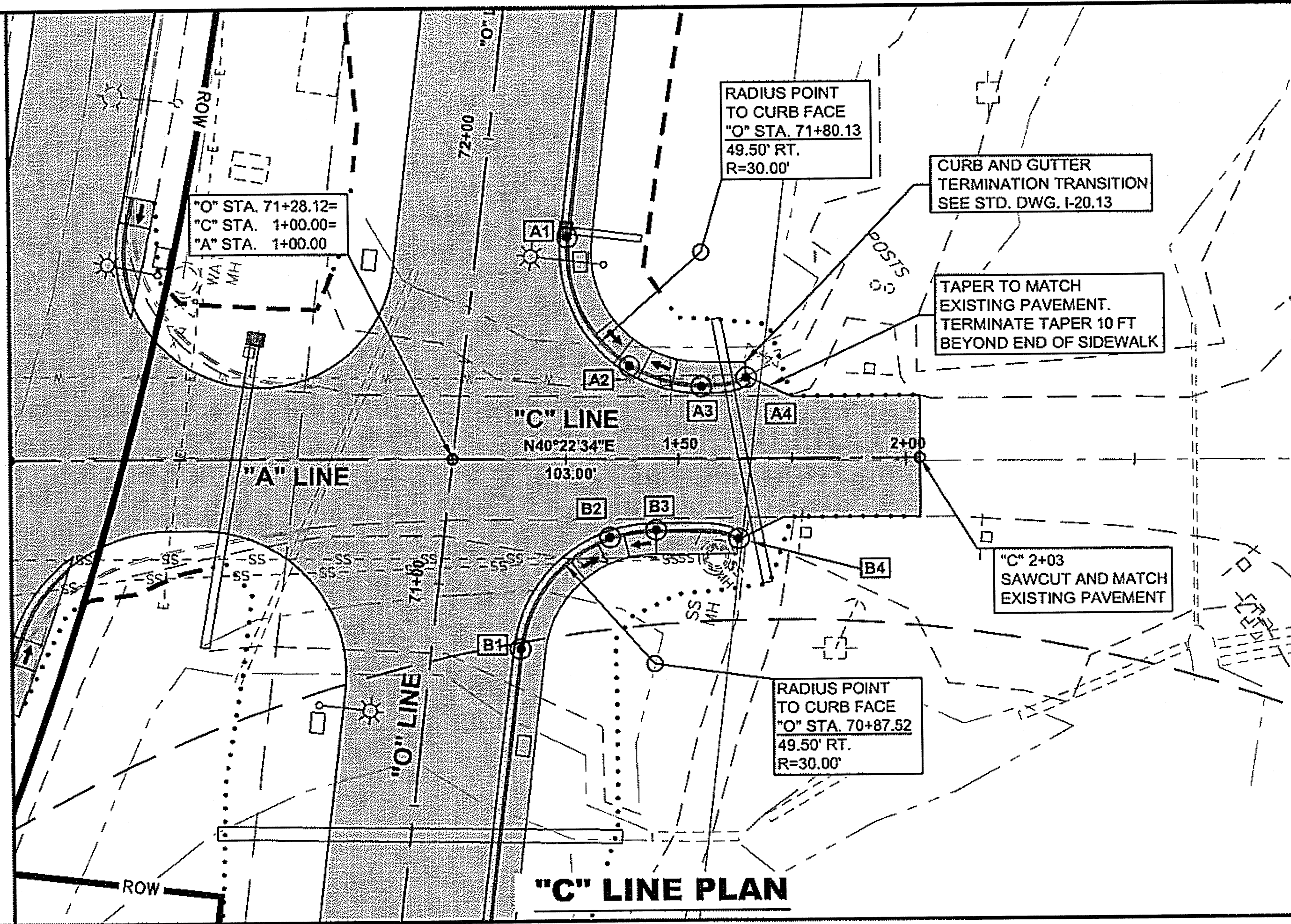
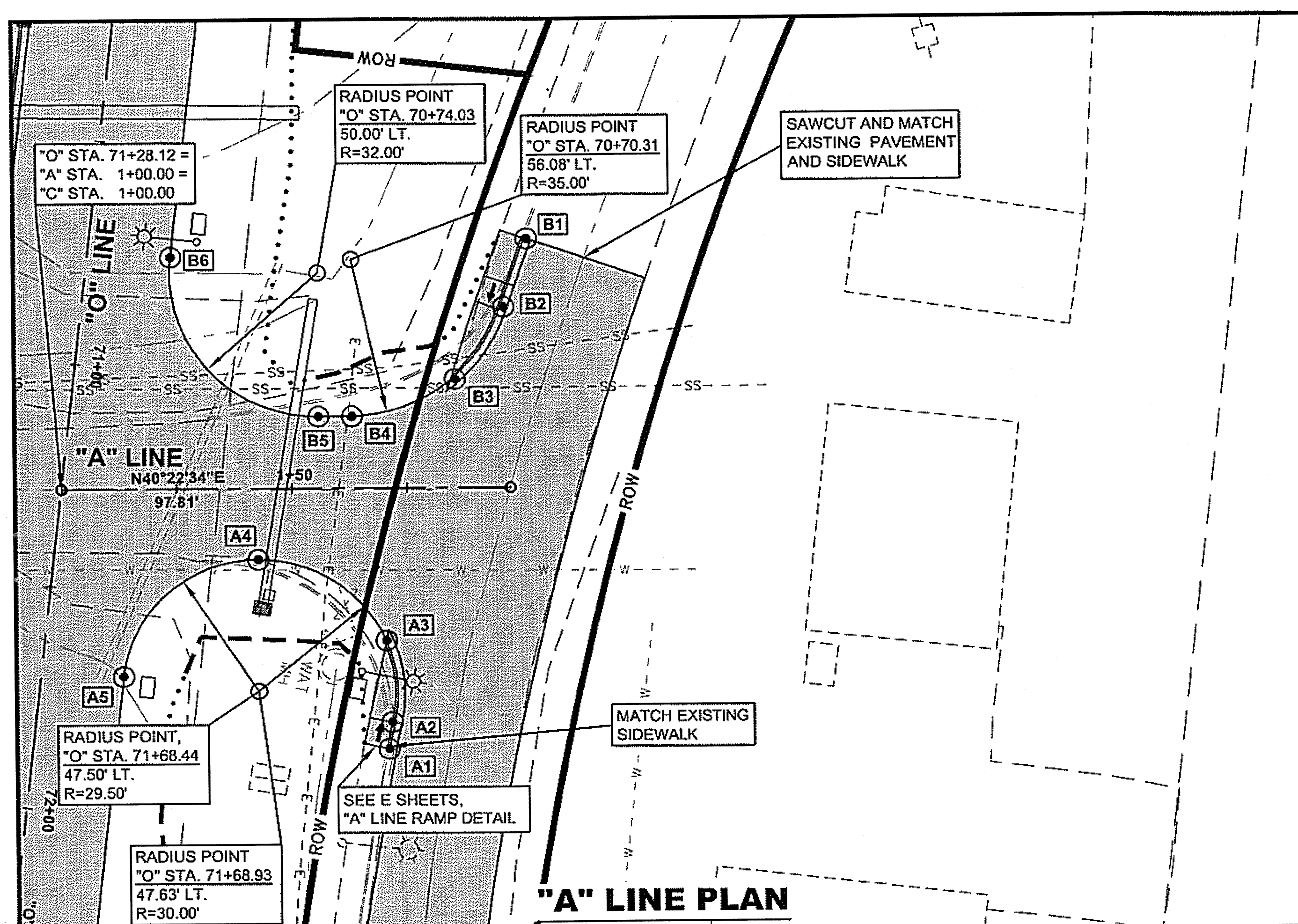
"AL" LINE PROFILE
ALICE LOOP



"AL" LINE CURB LAYOUT TABLE (CURB FACE)				
POINT	DESC	STATION	OFFSET	T.C. ELEV
A1	PC	"O" 53+09.73	19.50 LT	28.83
A2	POC	"AL" 1+26.78	23.47 LT	28.07
A3	PT	"AL" 1+46.01	16.00 LT	27.08
B1	PC	"O" 53+94.35	18.00 LT	27.17
B2	POC	"AL" 1+27.06	23.56 RT	27.17
B3	PT	"AL" 1+50.56	14.50 RT	26.51

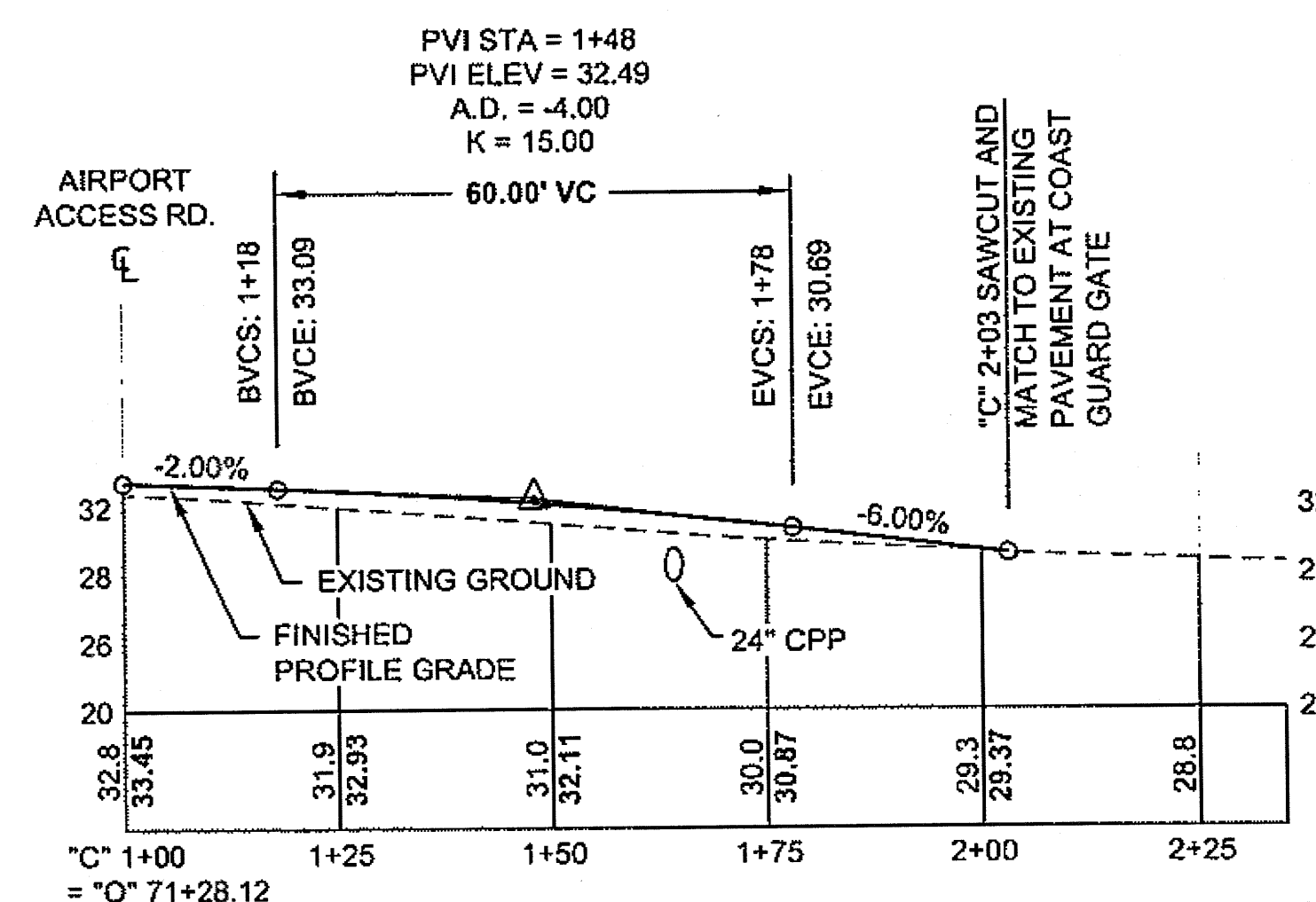


"AL" LINE PLAN
ALICE LOOP



POINT	DESC	STATION	OFFSET	T.C. ELEV
A1	END	"A" 1+70.69	58.58 RT	MATCH EXISTING
A2	LANDING	"A" 1+72.01	52.12 RT	36.64
A3	POC	"A" 1+70.25	34.27 RT	35.73
A4	PT	"A" 1+42.57	16.00 RT	33.27
A5	PT	"O" 71+68.44	18.00 LT	33.36
B1	END	"A" 2+01.05	55.59 LT	MATCH EXISTING
B2	LANDING	"A" 1+95.48	39.79 LT	34.26
B3	POC	"A" 1+84.60	24.00 LT	34.58
B4	PT	"A" 1+62.33	16.00 LT	34.22
B5	PC	"A" 1+55.87	16.00 LT	33.91
B6	PT	"O" 70+74.03	18.00 LT	32.81

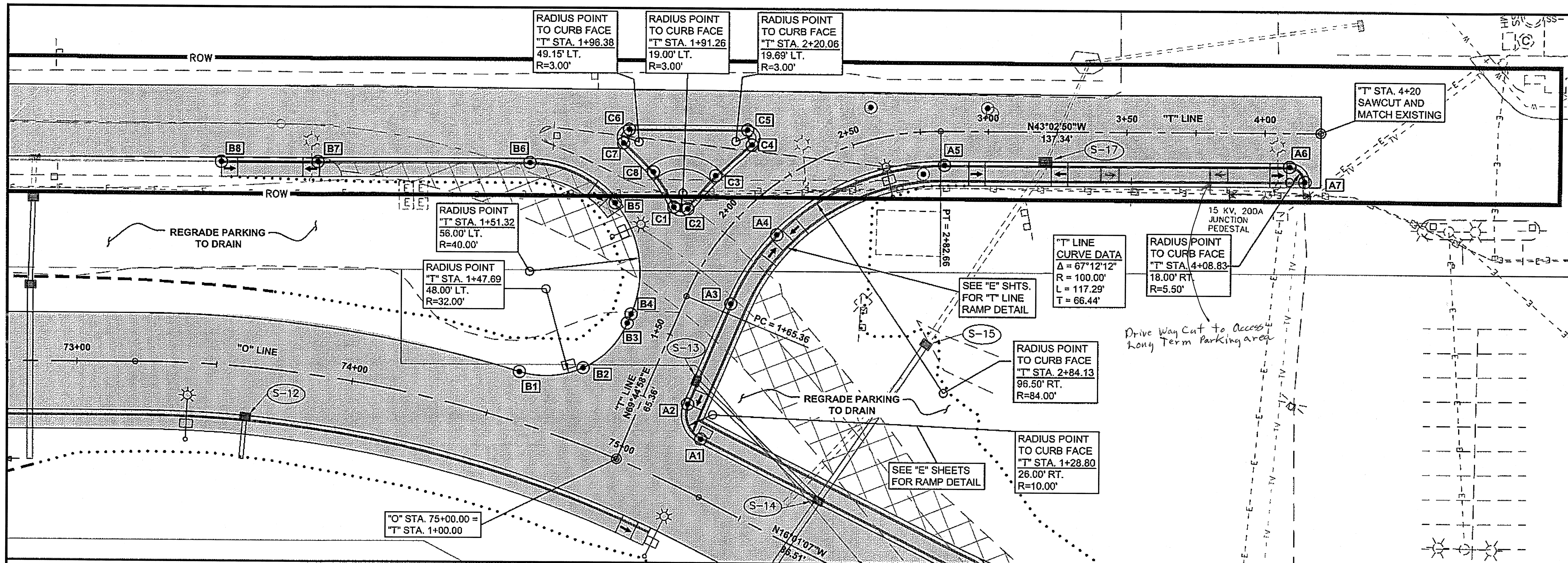
POINT	DESC	STATION	OFFSET	T.C. ELEV
A1	PC	"O" 71+80.13	19.50 RT	33.84
A2	LANDING	"C" 1+39.12	20.63 LT	32.31
A3	PT	"C" 1+55.13	16.00 LT	32.00
A4	END	"C" 1+65.13	18.00 LT	31.04
B1	PC	"O" 70+87.52	19.50 RT	33.26
B2	LANDING	"C" 1+34.71	17.65 RT	32.28
B3	PT	"C" 1+44.52	16.00 RT	32.44
B4	END	"C" 1+63.25	18.00 RT	31.13



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 6-10-10

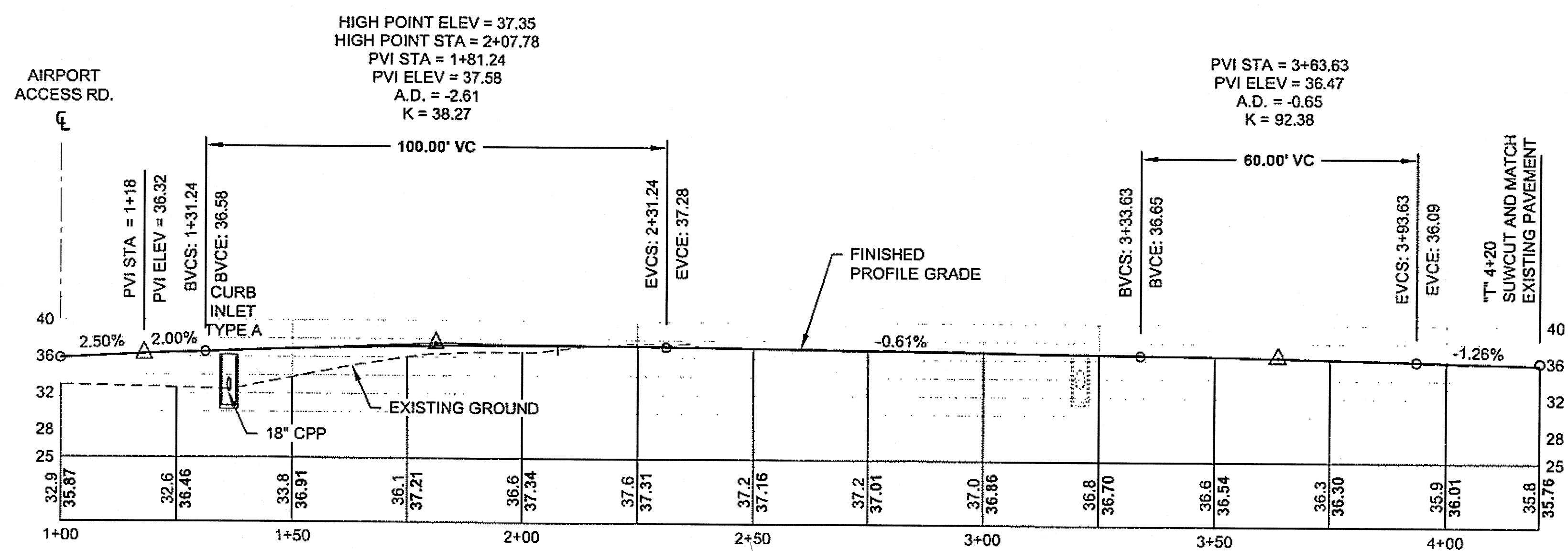
"C" LINE PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



"T" LINE PLAN

"T" LINE CURB LAYOUT TABLE, CURB FACE				
POINT	DESC	STATION	OFFSET	T.C. ELEV
A1	PC	"O" 75+24.41	19.50 LT	36.96
A2	PT	"T" 1+28.80	16.00 RT	36.19
A3	PC	"T" 1+69.80	15.91 RT	36.27
A4	LANDING	"T" 2+06.01	14.57 RT	37.02
A5	PT	"T" 2+84.13	12.50 RT	37.13
A6	PC	"T" 4+08.83	12.50 RT	35.62
A7	PT	"T" 4+14.33	18.00 RT	35.50
B1	PC	"O" 74+56.73	18.00 LT	36.09
B2	POC	"T" 1+26.18	24.31 LT	36.37
B3	PT	"T" 1+47.69	16.00 LT	36.56
B4	PC	"T" 1+51.32	16.00 LT	36.61
B5	LANDING	"T" 1+80.79	39.01 LT	37.38
B6	PT	"T" 1+78.61	72.99 LT	38.09
B7	APPROACH	"O" 73+77.61	78.08 LT	38.48
B8	TERMINATION	"O" 73+46.97	74.80 LT	MATCH EXISTING
ISLAND				
C1	PC	"T" 1+89.06	20.42 LT	37.63
C2	PT	"T" 1+91.26	16.00 LT	37.63
C3	LANDING	"T" 2+04.91	16.00 LT	37.67
C4	PC	"T" 2+20.34	16.71 LT	37.66
C5	PT	"T" 2+21.50	22.14 LT	37.66
C6	PC	"T" 1+97.89	51.12 LT	37.80
C7	PT	"T" 1+94.38	49.39 LT	37.80
C8	LANDING	"T" 1+93.14	34.35 LT	37.71



"T" LINE PROFILE

PATH: Q:\SIT\168187\PLANSET\68187_G_PLAN.DWG

DLESTER
TAB: G3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA AIRPORT

TERMINAL

EOP

THIS VIEW

SEWARD AVE

TONKASS DR

BOP

PLAN LEGEND

CHECKED BY: C. HOWARD

DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

**INTERSECTION
PLAN & PROFILE**

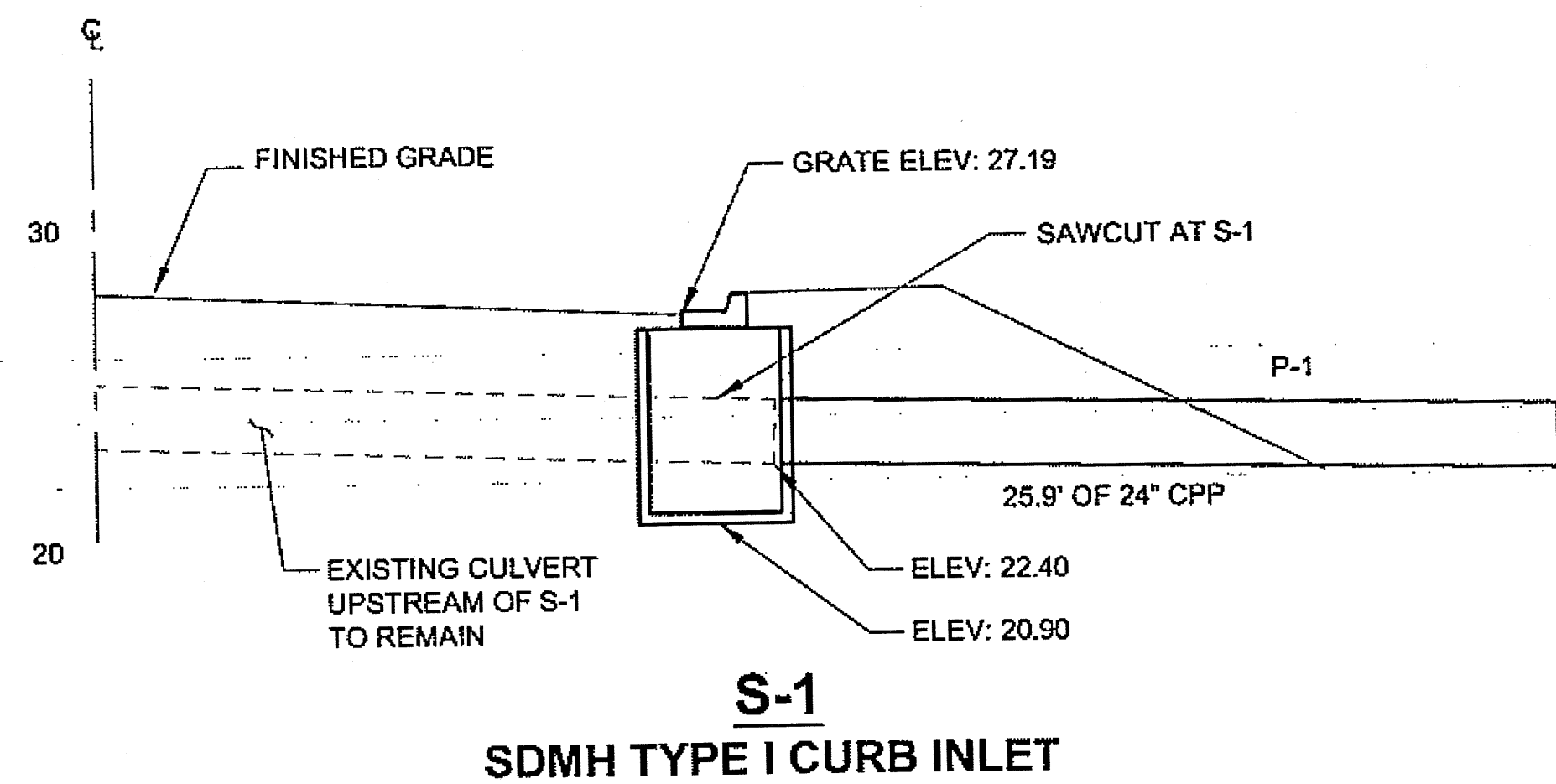
PROJECT DESIGNATION
NH-099-3(5)

STATE	YEAR
ALASKA	2007

SHEET NUMBER	TOTAL SHEETS
G3	40

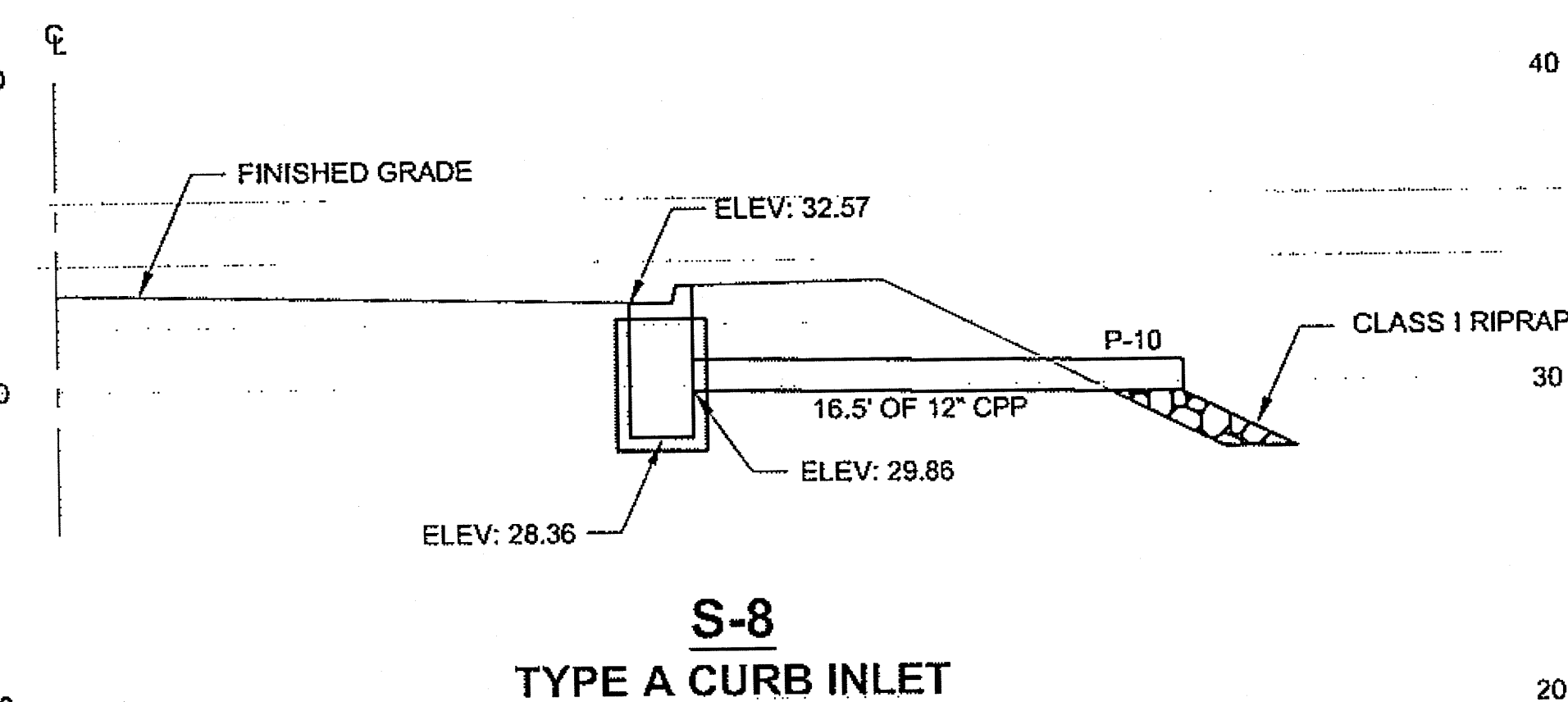
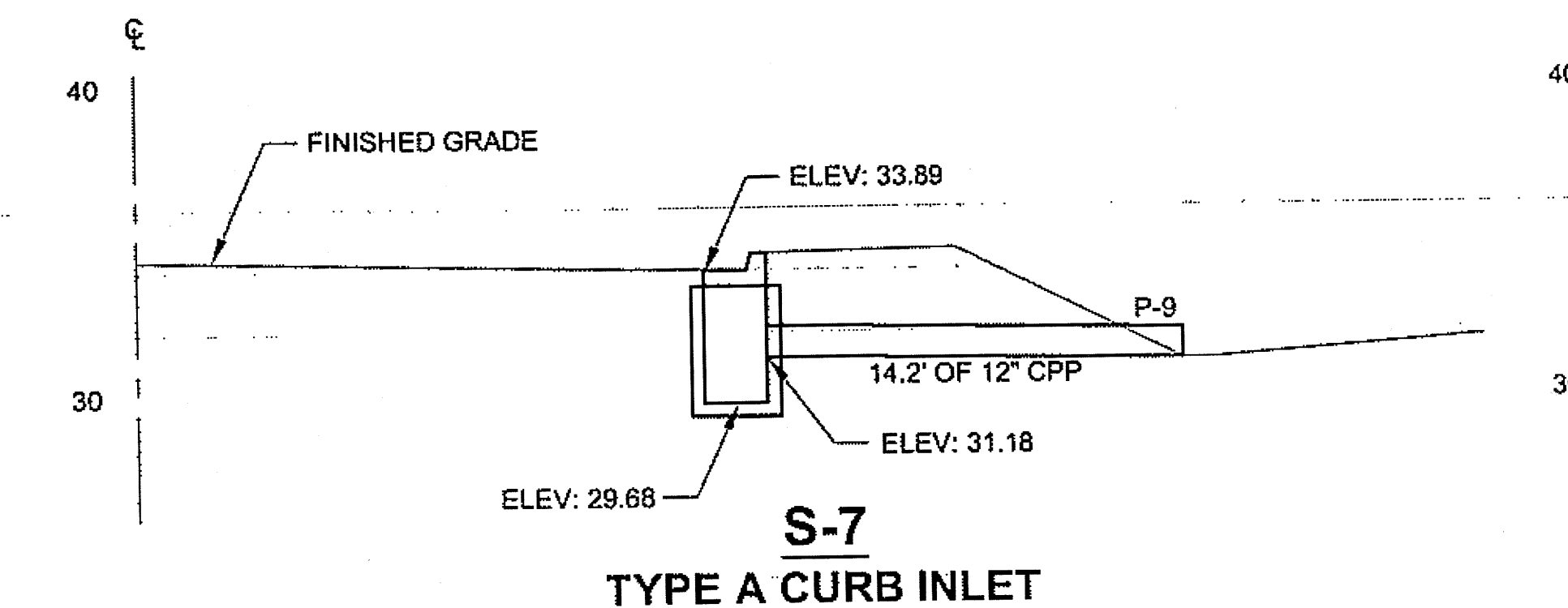
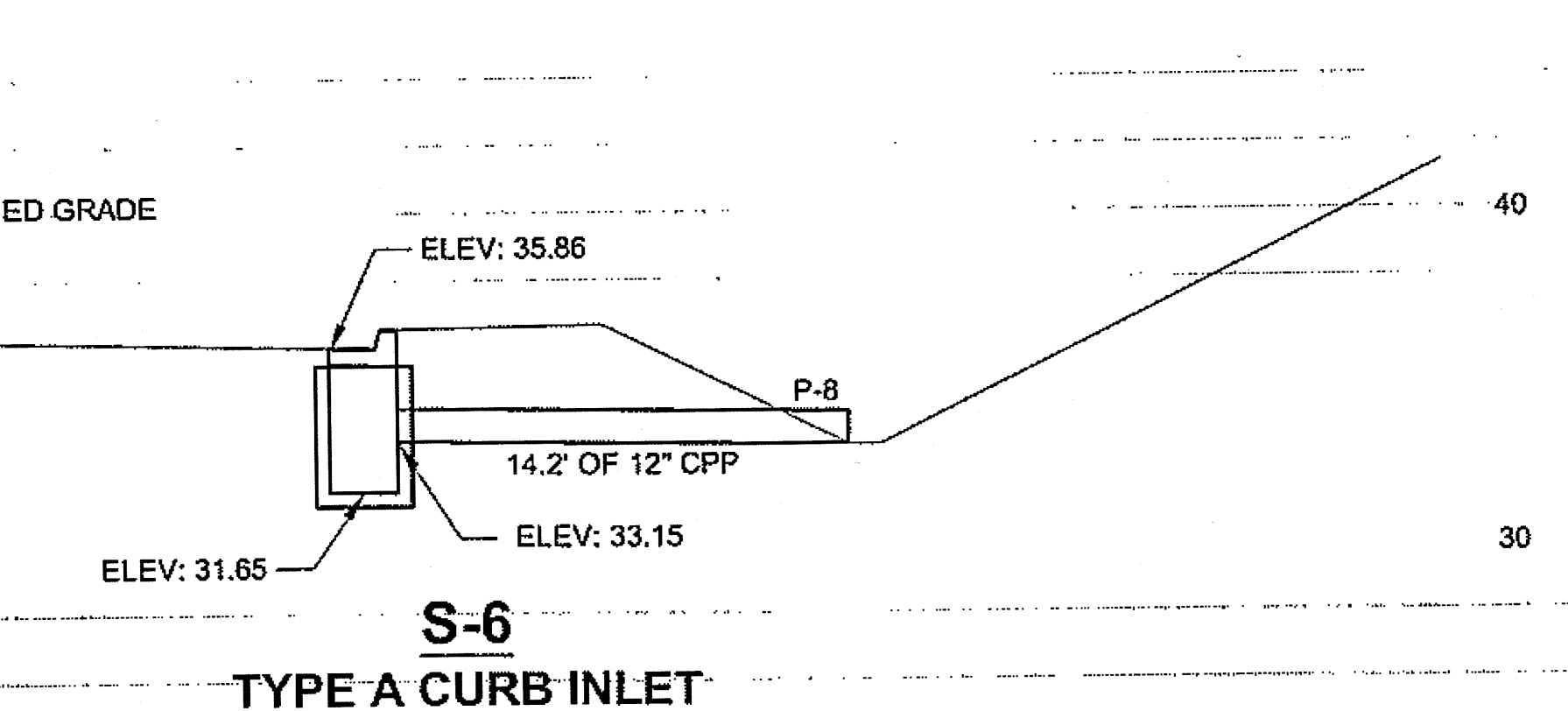
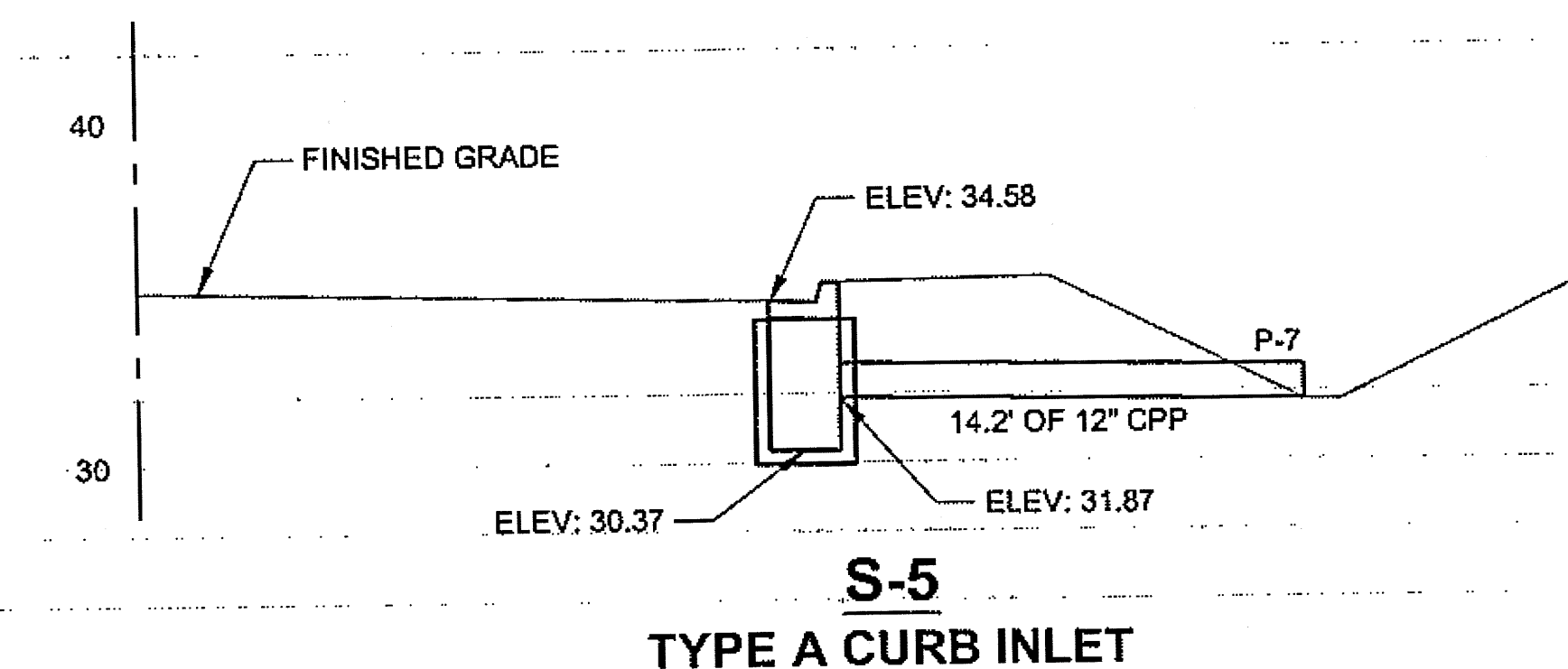
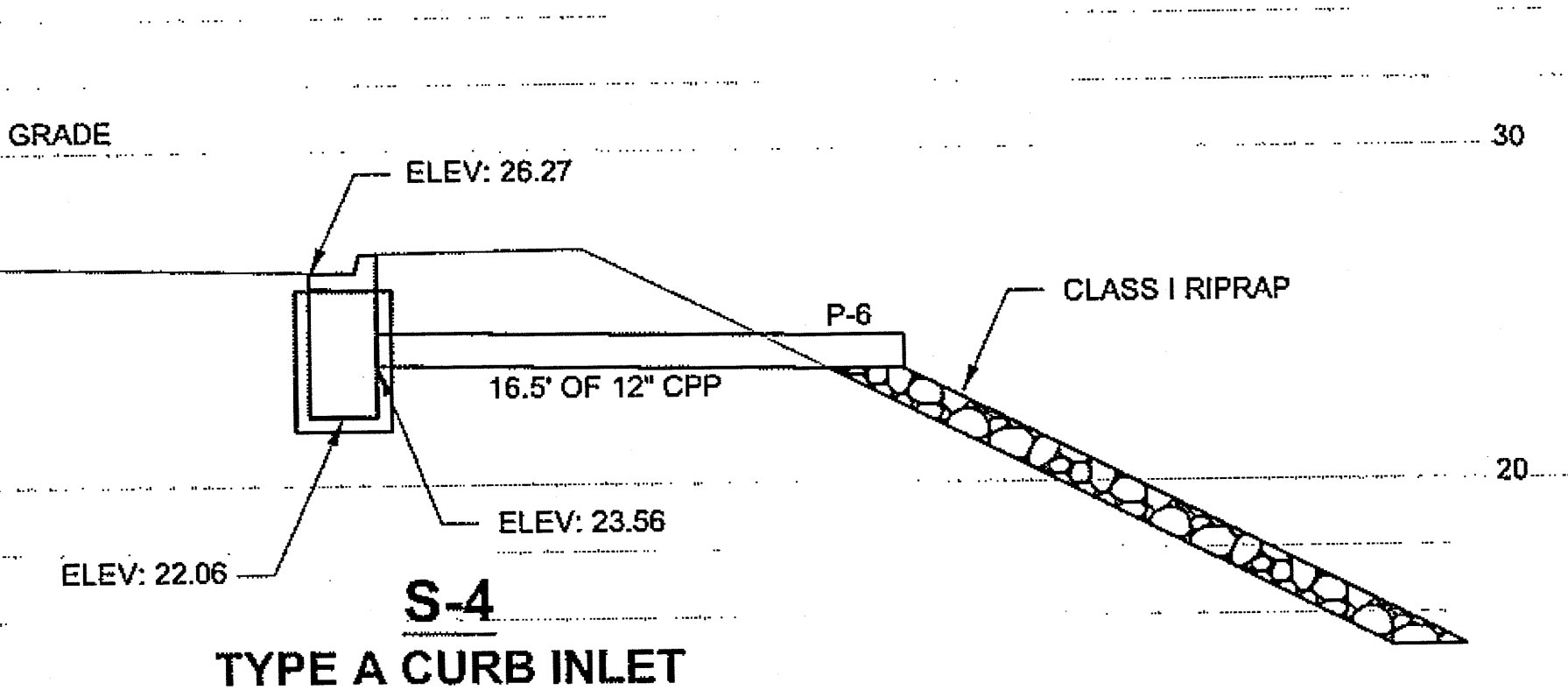
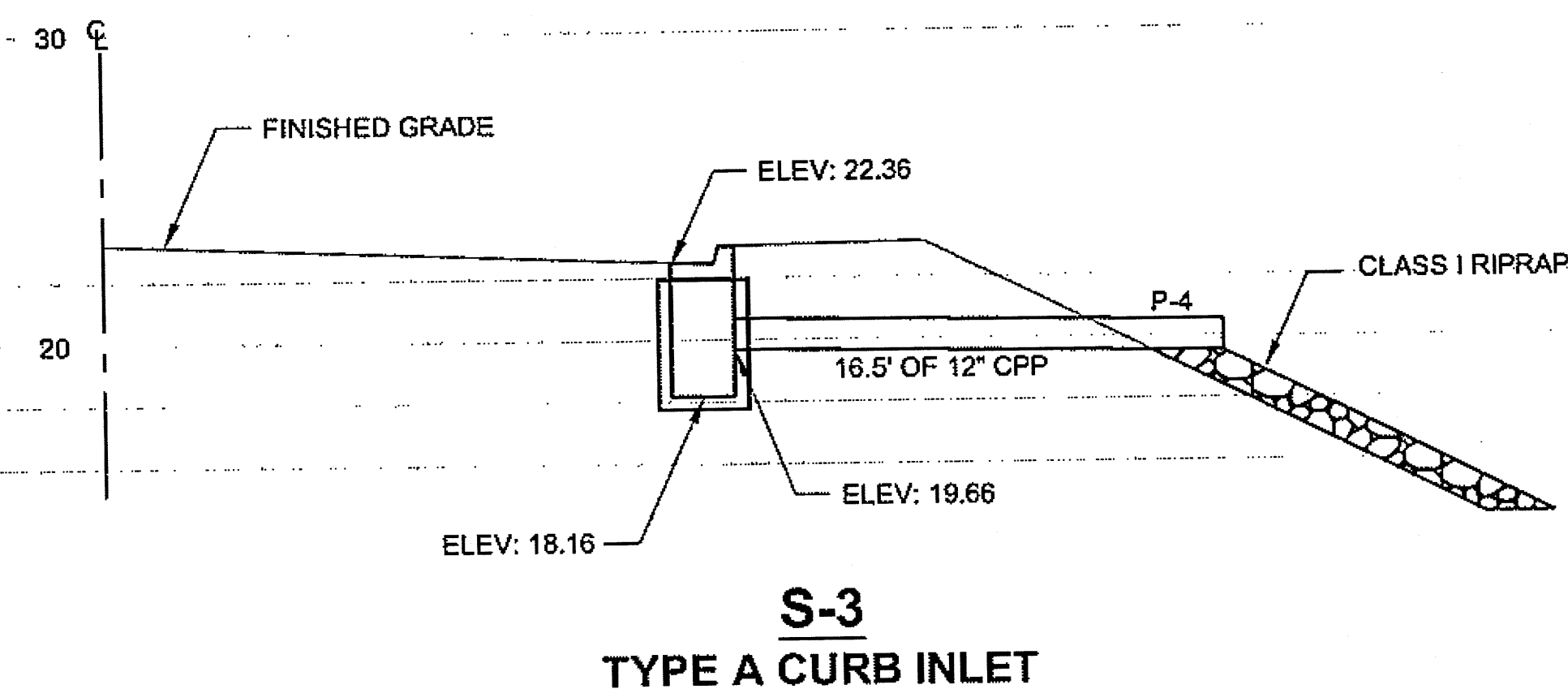
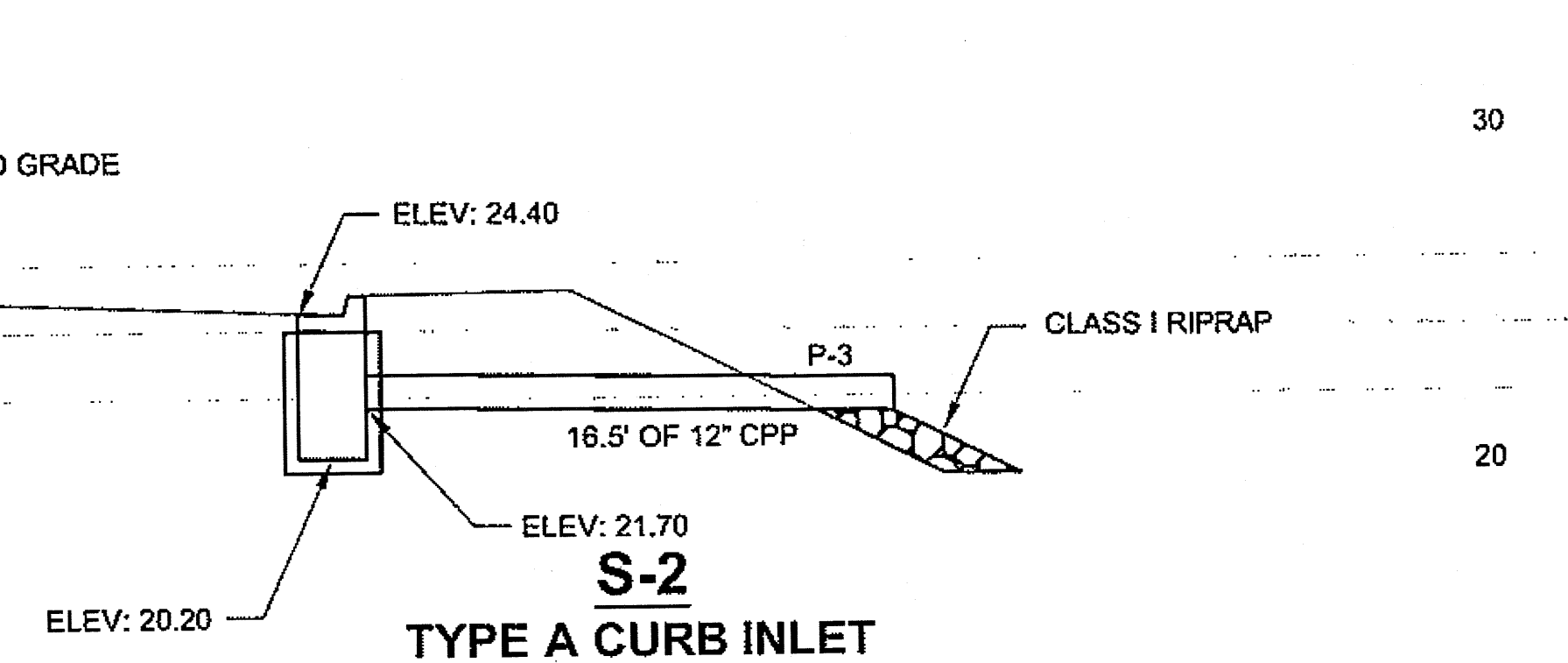
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



NOTES:

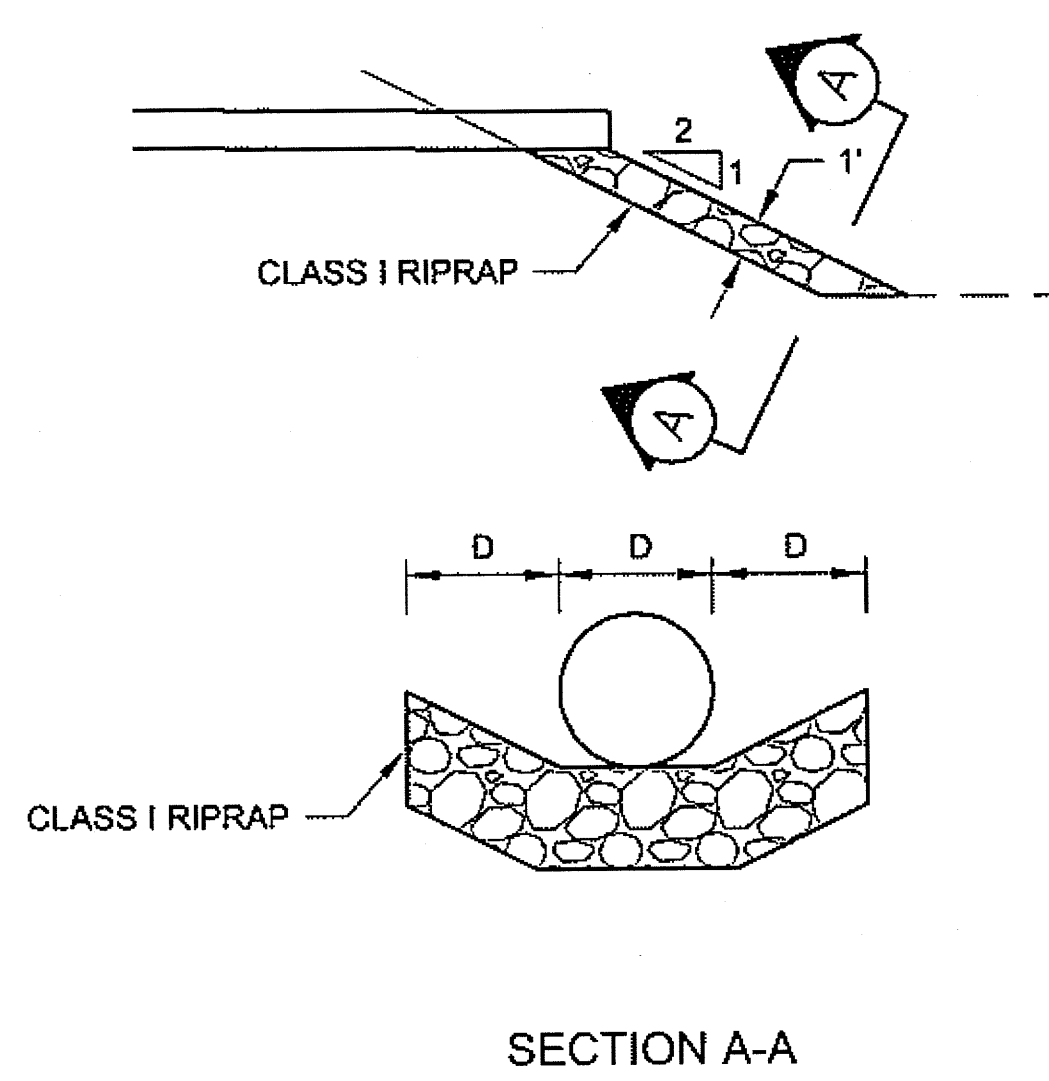
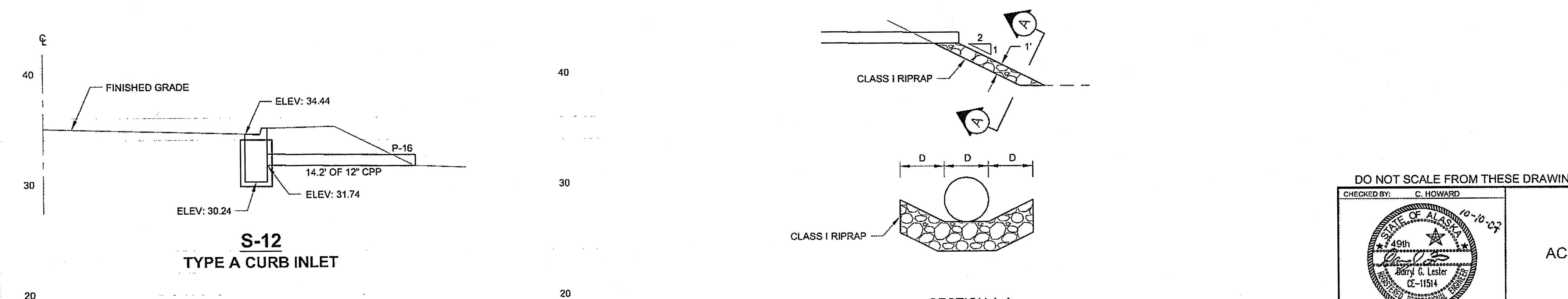
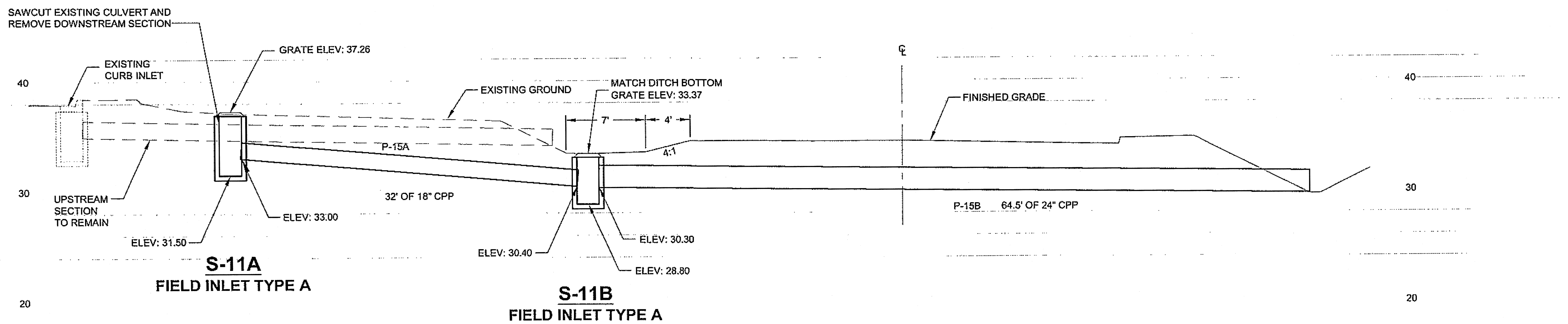
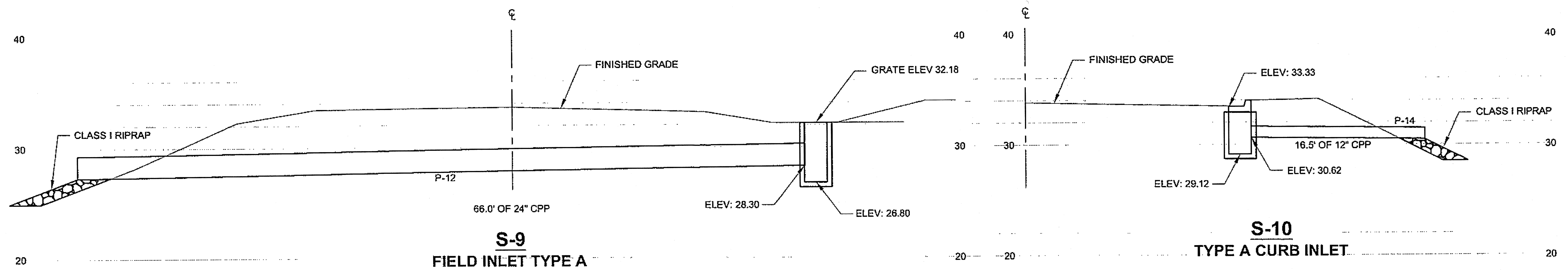
1. MAINTAIN MIN. CULVERT SLOPE OF 1% UNLESS NOTED DIFFERENTLY.
2. GRATE ELEVATION TAKEN AT TOP OF CASTING AS SHOWN IN STD. DWGS. D-22.01 AND D-23.01.
3. STRUCTURES UTILIZE 18" SUMP.



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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 10-10-37 49th Barry G. Lester CE-11514 REGISTERED PROFESSIONAL ENGINEER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187 DRAINAGE PROFILES			
DESIGNED BY: D. LESTER DRAWN BY: L. ROBERTSON, R. GRANTHAM PATH: Q:\SIT\68187\PLANSET\68187_H_DRAIN PROFILE.DWG TAB: H1		PROJECT DESIGNATION NH-099-3(5)	YEAR 2007	SHEET NO. H1	TOTAL SHEETS 40
NO.	DATE	DESCRIPTION			

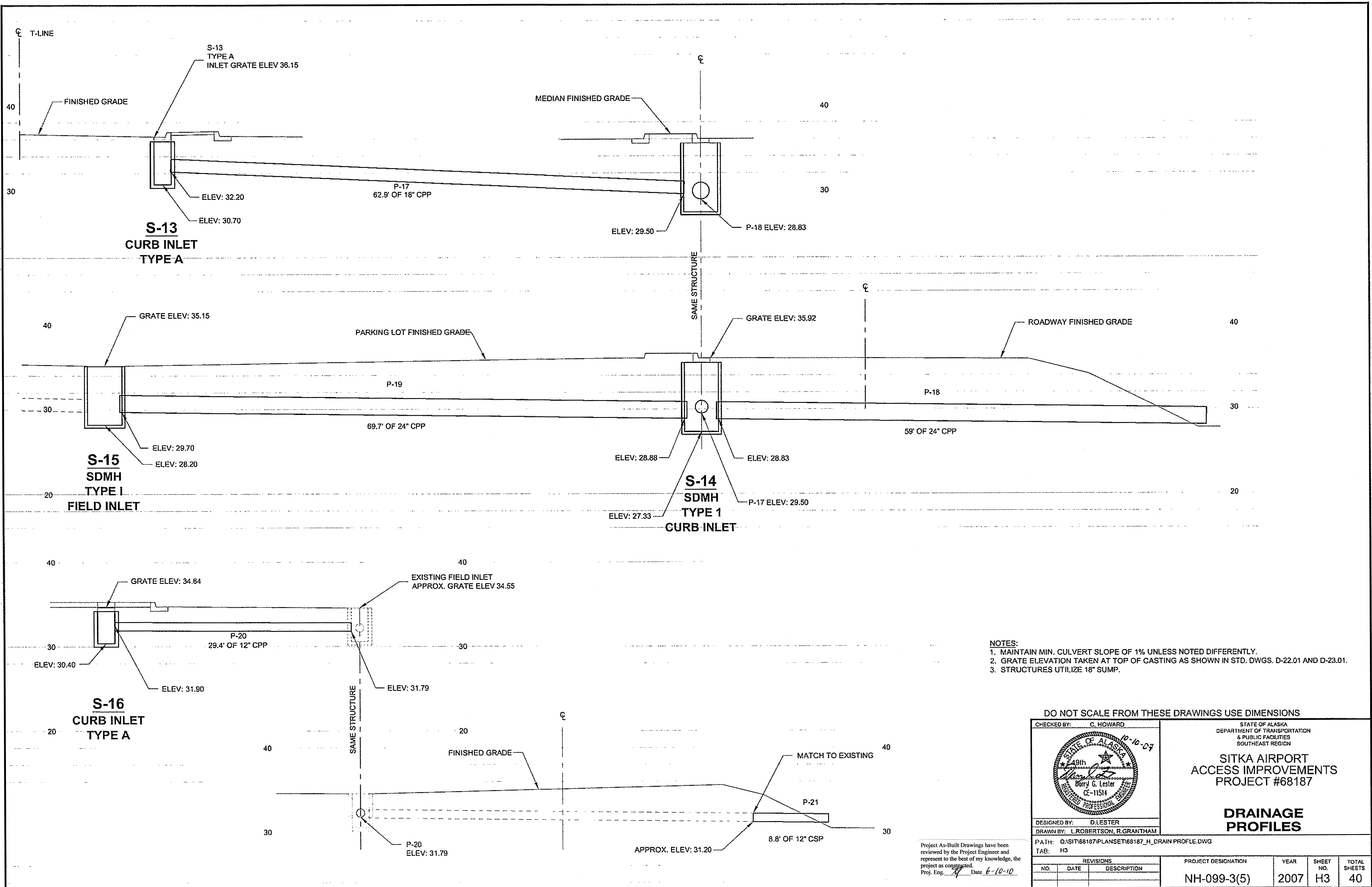


- NOTES:
1. MAINTAIN MIN. CULVERT SLOPE OF 1% UNLESS NOTED DIFFERENTLY.
 2. GRATE ELEVATION TAKEN AT TOP OF CASTING AS SHOWN IN STD. DWGS. D-22.01 AND D-23.01.
 3. STRUCTURES UTILIZE 18" SUMP.

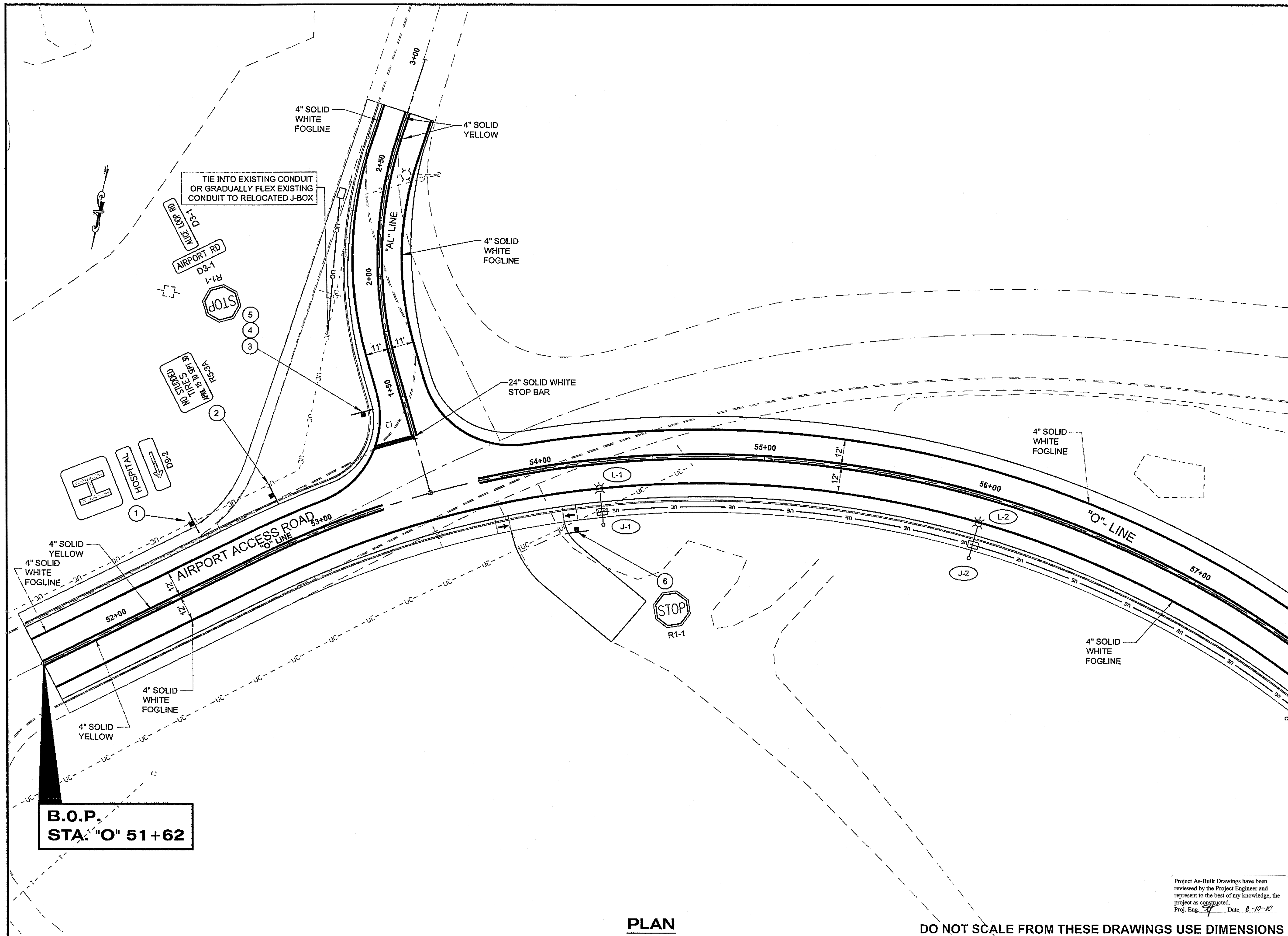
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
 Proj. Eng. *[Signature]* Date *6-10-10*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187																		
DESIGNED BY: D. LESTER DRAWN BY: L. ROBERTSON, R. GRANTHAM PATH: Q:\SIT\68187\PLANSET\68187_H_DRAIN PROFILE.DWG TAB: H2		DRAINAGE PROFILES																		
<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS			NO.	DATE	DESCRIPTION				<table border="1"> <tr> <th>PROJECT DESIGNATION</th> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> <tr> <td>NH-099-3(5)</td> <td>2007</td> <td>H2</td> <td>40</td> </tr> </table>		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	NH-099-3(5)	2007	H2	40
REVISIONS																				
NO.	DATE	DESCRIPTION																		
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS																	
NH-099-3(5)	2007	H2	40																	



CHECKED BY: C. HOWARD DESIGNED BY: D. LESTER DRAWN BY: L. ROBERTSON, R. GRANTHAM PATH: Q:\SIT68187\PLANSET\68187_H_DRAIN PROFILE.DWG TAB: H3				STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187 DRAINAGE PROFILES										
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				NO.	DATE	DESCRIPTION				PROJECT DESIGNATION NH-099-3(5)		YEAR 2007	SHEET NO. H3	TOTAL SHEETS 40
NO.	DATE	DESCRIPTION												



PATH:Q:\SIT\68187\PLANSET\68187_P_SIGN&STRIP

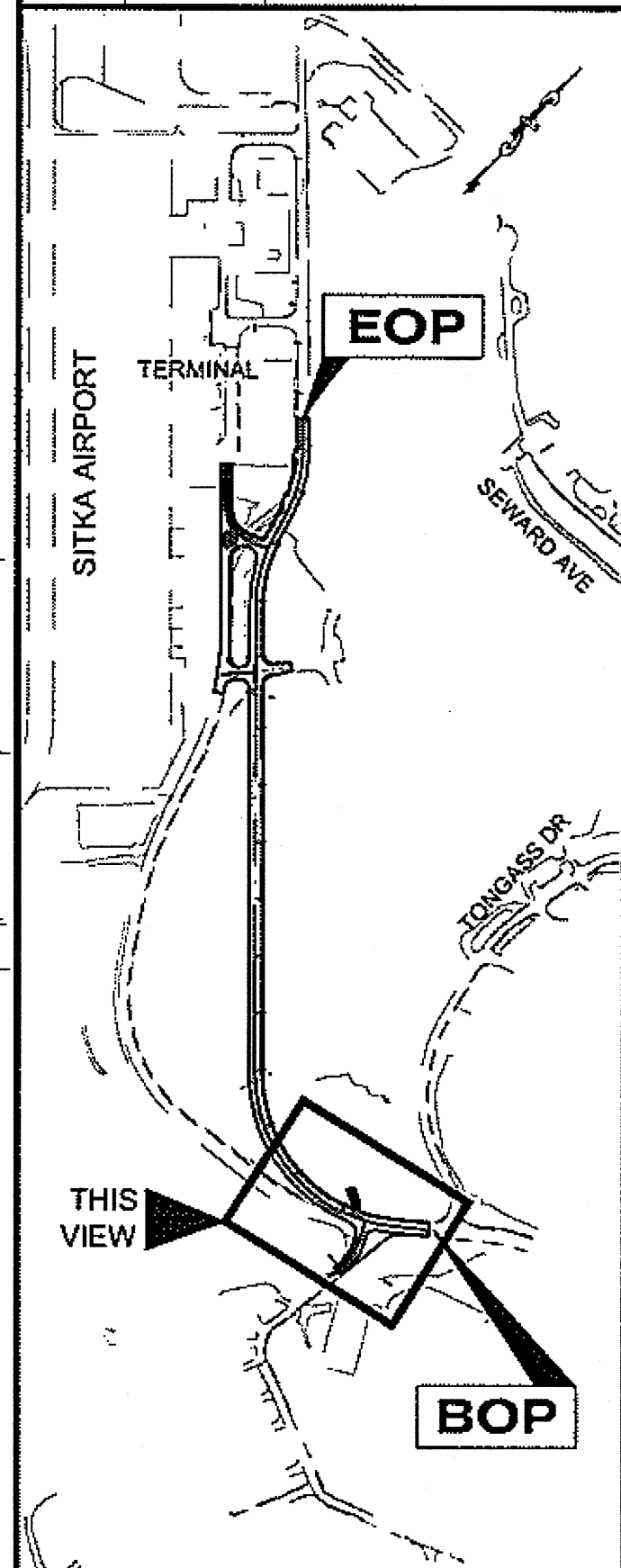
DLESTER
TAB: P1 Friday, July 29, 2005 11:27:44 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

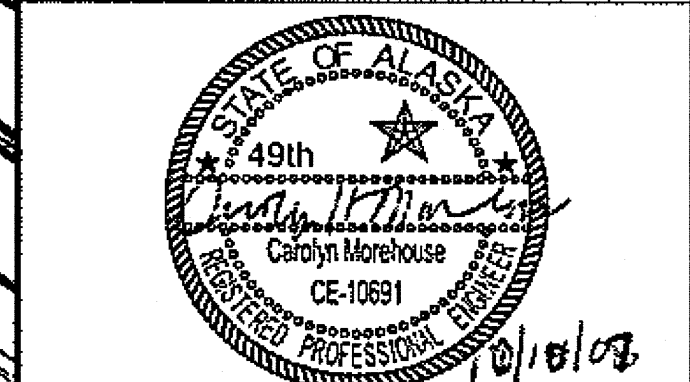
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. LESTER

DRAWN BY: I. ROBERTSON

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

**SIGNING,
STRIPING, AND
ILLUMINATION**

PROJECT DESIGNATION

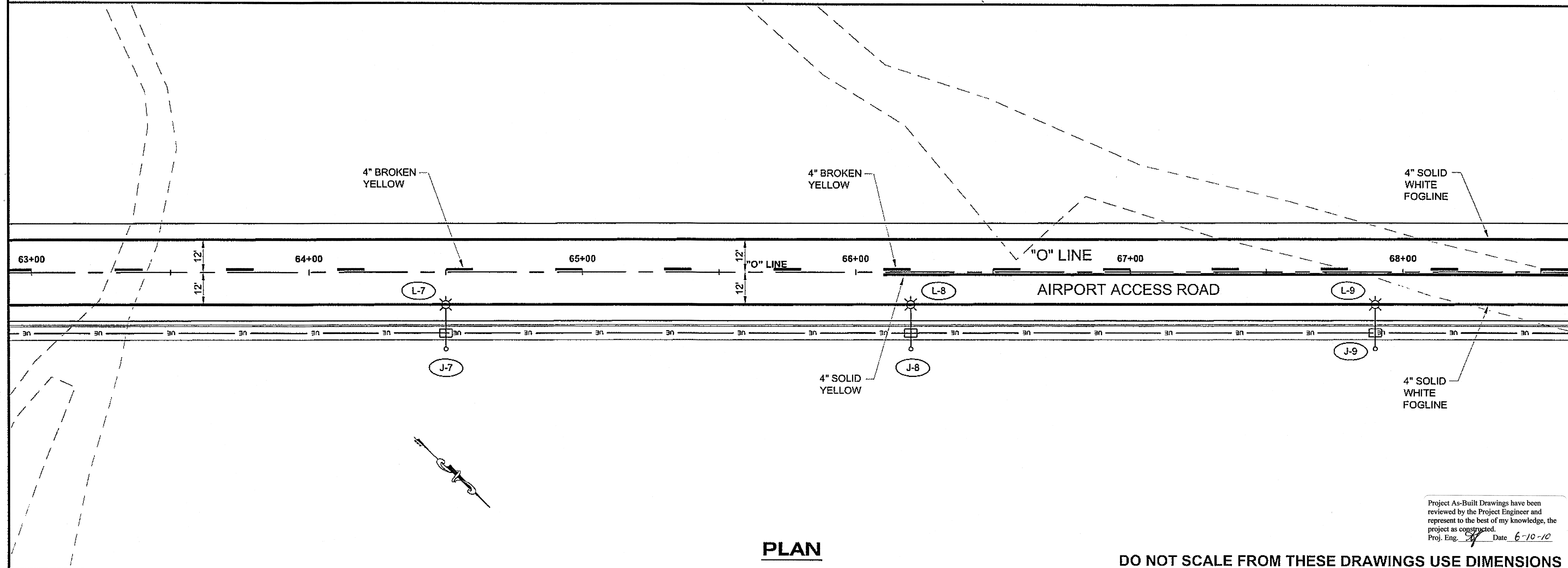
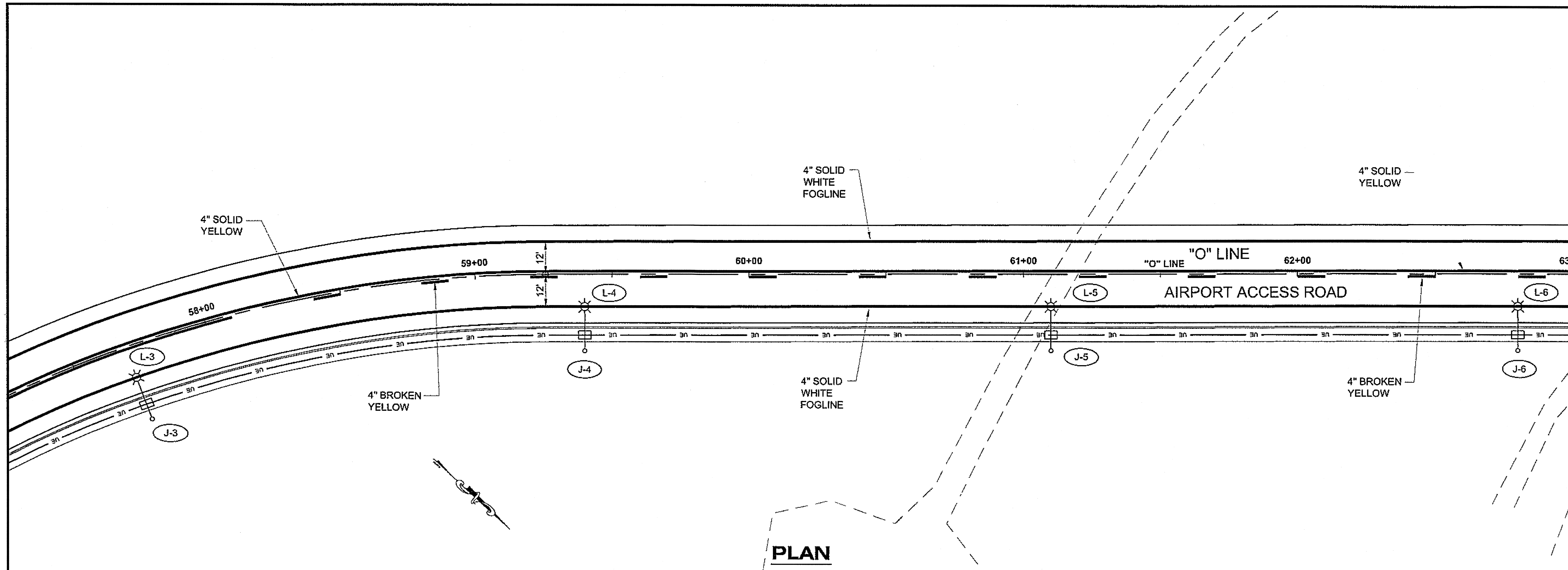
NH-099-3(5)

STATE	YEAR
ALASKA	2007
SHEET NUMBER	TOTAL SHEETS
P1	40

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 6-10-10

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH:Q:\SIT\68187\PLANSET\68187_P_SIGN&STRIP

DLESTER
 TAB: P2
 Friday, July 29, 2005 11:27:44 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. MOREHOUSE

DESIGNED BY: D. LESTER
 DRAWN BY: J. ROBERTSON

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

SITKA AIRPORT
 ACCESS IMPROVEMENTS
 PROJECT #68187
**SIGNING,
 STRIPING, AND
 ILLUMINATION**

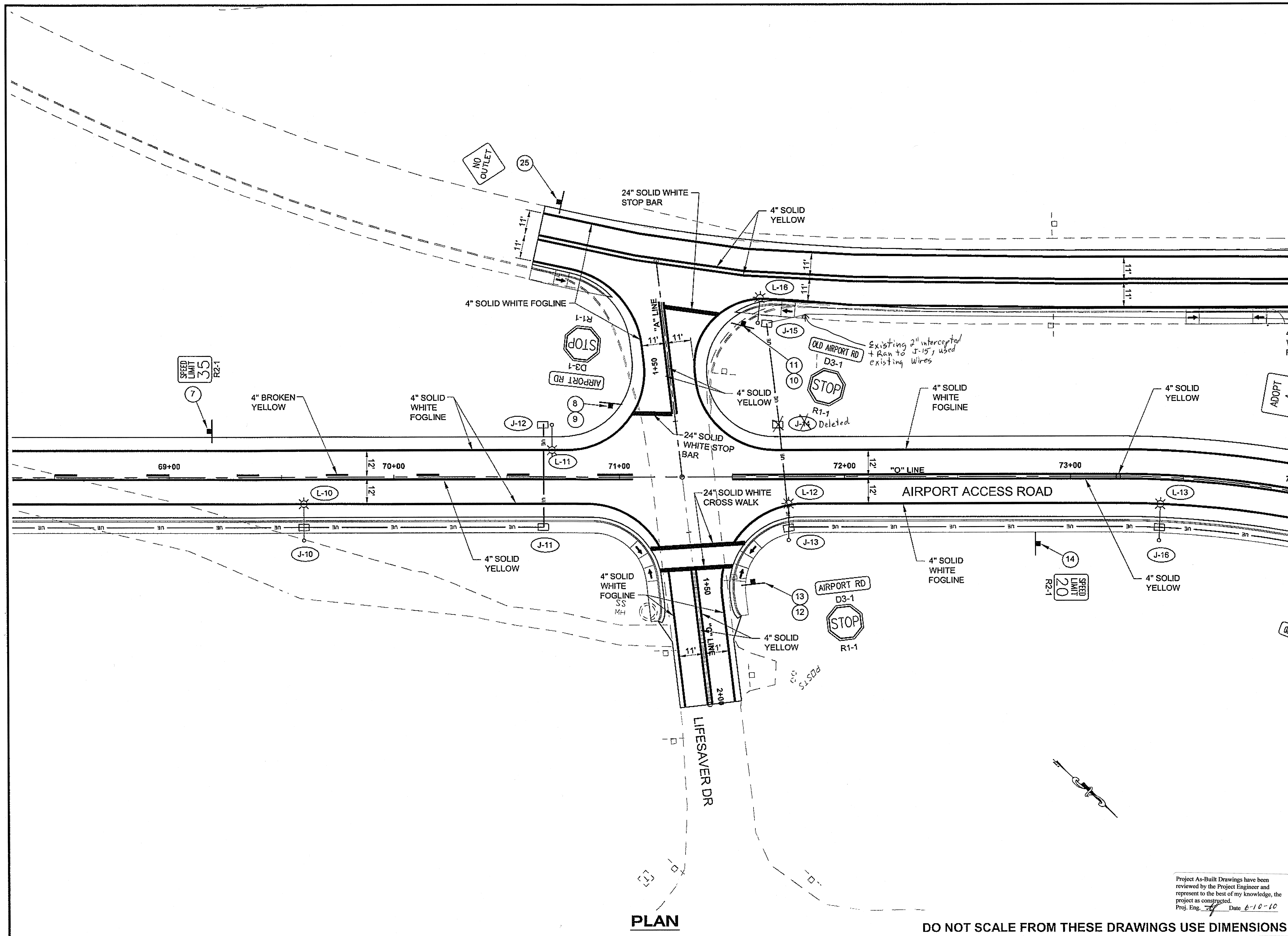
PROJECT DESIGNATION
NH-099-3(5)

STATE	YEAR
ALASKA	2007

SHEET NUMBER	TOTAL SHEETS
P2	40

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

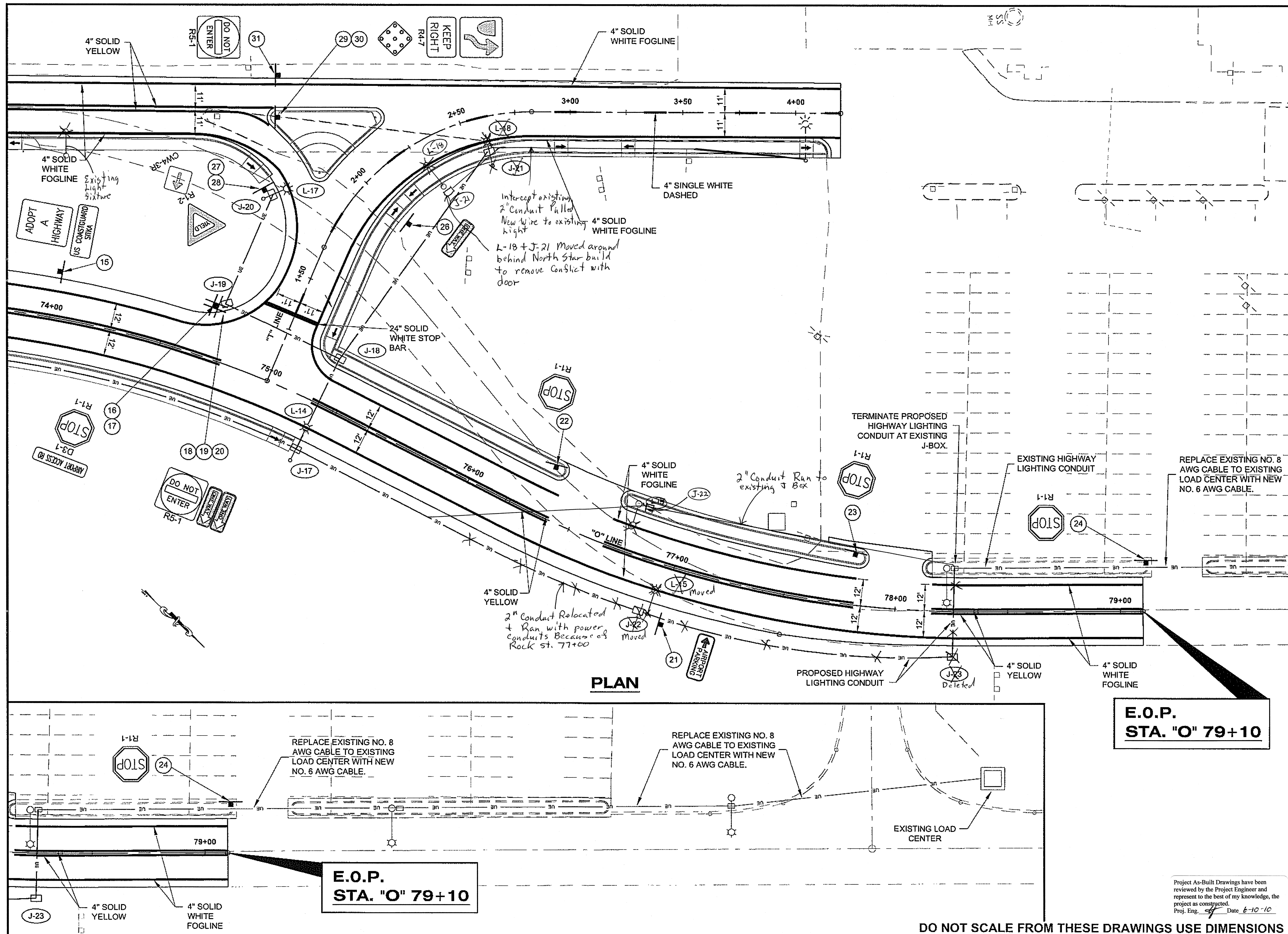


PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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 6-10-10

PATH:Q:\SIT168187\PLANSET168187_P_SIGN&STRIP		
DLESTER		
TAB: P3 Friday, July 29, 2005 11:27:44 AM		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION
PLAN LEGEND		
CHECKED BY: C. MOREHOUSE		
DESIGNED BY: D. LESTER		
DRAWN BY: J. ROBERTSON		
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION		
SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187		
SIGNING, STRIPING, AND ILLUMINATION		
PROJECT DESIGNATION		
NH-099-3(5)		
STATE	YEAR	
ALASKA	2007	
SHEET NUMBER	TOTAL SHEETS	
P3	40	



PATH: Q:\SIT\68187\PLANSET\68187_P_SIGN&STRIP

DLESTER TAB: P4 Friday, July 29, 2005 11:27:44 AM		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. MOREHOUSE

DESIGNED BY: DLESTER
 DRAWN BY: J. ROBERTSON

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

SITKA AIRPORT
 ACCESS IMPROVEMENTS
 PROJECT #68187

**SIGNING,
 STRIPING, AND
 ILLUMINATION**

PROJECT DESIGNATION
NH-099-3(5)

STATE	YEAR
ALASKA	2007
SHEET NUMBER	TOTAL SHEETS
P4	40

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

615 (1) STANDARD SIGN SUMMARY													
SIGN NO.	STA	OFFSET		ASDS CODE	LEGEND	TRAFFIC TRAVELING	HEIGHT (IN)	WIDTH (IN)	AREA (SQ FT)	POST			REMARKS
		L	R							NO.	SIZE (IN)	TYPE	
1	"O" 52+45	X		D9-2	HOSPITAL	EB	36	24	6.00	1	2.50	PST	"HOSPITAL" text and Left Arrow below sign
2	"O" 52+85	X		R12-103	NO STUDDED TIRES	EB	66	84	38.50	2	2.50	PST	APRIL 15 TO SEPT 30
3	"O" 53+25	X		R1-1	STOP	NB	30	30	6.25	1	2.50	PST	
4	"O" 53+25	X		D3-1	AIRPORT RD	NB	42	8	2.33	-	-	-	Mount above Sign 3
5	"O" 53+25	X		D3-1	ALICE LOOP	EB/WB	42	8	2.33	-	-	-	Mount above Sign 3
6	"O" 54+10		X	R1-1	STOP	SB	30	30	6.25	1	2.50	PST	
7	"O" 69+20	X		R2-1	SPEED LIMIT 35	EB	36	30	7.50	1	2.50	PST	
8	"O" 70+95	X		R1-1	STOP	NB	30	30	6.25	1	2.50	PST	
9	"O" 70+95	X		D3-1	AIRPORT RD	NB	42	8	2.33	-	-	-	Mount above Sign 8
10	"O" 71+50	X		R1-1	STOP	SB	30	30	6.25	1	2.50	PST	
11	"O" 71+50	X		D3-1	OLD AIRPORT RD	SB	48	8	2.67	-	-	-	Mount above Sign 10
12	"O" 71+60		X	R1-1	STOP	SB	30	30	6.25	1	2.50	PST	
13	"O" 71+60		X	D3-1	AIRPORT RD	SB	42	8	2.33	-	-	-	Mount above Sign 12
14	"O" 72+80		X	R2-1	SPEED LIMIT 20	WB	36	30	7.50	1	2.50	PST	
15	"O" 74+00	X		I-150	ADOPT A HIGHWAY	EB	36	30	7.50	1	2.50	PST	US COAST GUARD SITKA
16	"O" 74+80	X		R1-1	STOP	NB	30	30	6.25	1	2.50	PST	
17	"O" 74+80	X		D3-1	AIRPORT RD	NB	42	8	2.33	-	-	-	Mount above Sign 16
18	"O" 74+80	X		R5-1	DO NOT ENTER	EB/WB	36	36	9.00	-	-	-	Mount behind Sign 16
19	"O" 74+80	X		R6-1R	ONE WAY	WB	12	36	3.00	-	-	-	Mount above Sign 16
20	"O" 74+80	X		R6-1L	ONE WAY	EB	12	36	3.00	-	-	-	Mount above Sign 16
21	"O" 77+00		X	D1-2-1L	<- AIRPORT PARKING	WB	24	60	10.00	2	2.50	PST	
22	"O" 76+34	X		R1-1	STOP	NB	30	30	6.25	1	2.50	PST	
23	"O" 77+80	X		R1-1	STOP	NB	30	30	6.25	1	2.50	PST	
24	"O" 79+10	X		R1-1	STOP	NB	30	30	6.25	1	2.50	PST	
25	"A" 2+15	X		W14-2	NO OUTLET	EB	36	36	9.00	1	2.50	PST	
26	"T" 1+75		X	R6-1R	ONE WAY	EB	12	36	3.00	1	2.50	PST	
27	"T" 1+75	X		R3-2	NO LEFT TURN	EB	30	30	6.25	1	2.50	PST	
28	"T" 1+75	X		R1-2	YIELD	EB	36	36	9.00	-	-	-	Mount above Sign 26
29	"T" 1+95	X		OM-1	OBJECT MARKER	EB	18	18	2.25	1	2.50	PST	
30	"T" 1+95	X		R4-7	KEEP RIGHT	EB	30	24	5.00	-	-	-	Mount above Sign 28
31	"T" 2+06	X		R5-1	DO NOT ENTER	WB	36	36	9.00	1	2.50	PST	

LUMINAIRE SUMMARY					
NUMBER	STATION	OFFSET	MAST ARM LENGTH	POLE HEIGHT	COMMENTS
L-1	"O" 54+25	28.3 RT	15'-4"		
L-2	"O" 56+00	28.3 RT	15'-4"		
L-3	"O" 57+70	28.3 RT	15'-4"		
L-4	"O" 59+40	28.3 RT	15'-4"		
L-5	"O" 61+10	28.3 RT	15'-4"		
L-6	"O" 62+80	28.3 RT	15'-4"		
L-7	"O" 64+50	28.3 RT	15'-4"		
L-8	"O" 66+20	28.3 RT	15'-4"		
L-9	"O" 67+90	28.3 RT	15'-4"		
L-10	"O" 69+60	28.3 RT	15'-4"		
L-11	"O" 70+70	23.3 LT	15'-4"		
L-12	"O" 71+75	28.3 RT	15'-4"		
L-13	"O" 73+40	28.3 RT	15'-4"		
L-14	"O" 75+25	28.3 RT	15'-4"		
L-15	"O" 76+95	23.3 RT	10'-4"		
L-16	"A" 1+64.8	41.2 RT	10'-4"		
L-17	"T" 1+72.5	33.8 LT	10'-4"		
L-18	"T" 2+60	22.3 RT	10'-4"		

1. THE LUMINAIRE WILL BE A 240 VOLT, 250 WATT HIGH PRESSURE SODIUM, MEDIUM DISTRIBUTION, CUT-OFF IES TYPE III. IT SHALL HAVE A MAGNETIC REGULATOR BALLAST AND THE HPS LAMP SHALL BE RATED TO 24,000 HOURS.
2. CONDUIT SHALL BE 2" SCH 40 PVC.

JUNCTION BOX SUMMARY					
NUMBER	STATION	OFFSET	NUMBER	STATION	OFFSET
J-1	"O" 54+25	22.5 RT	J-13	"O" 71+75	23.0 RT
J-2	"O" 56+00	22.5 RT	J-14	"O" 71+70	23.3 LT
J-3	"O" 57+70	22.5 RT	J-15	"A" 1+64	45.1 RT
J-4	"O" 59+40	22.5 RT	J-16	"O" 73+40	22.5 RT
J-5	"O" 61+10	22.5 RT	J-17	"O" 75+25	22.5 RT
J-6	"O" 62+80	22.5 RT	J-18	"O" 75+25	22.5 LT
J-7	"O" 64+50	22.5 RT	J-19	"O" 74+72	32.0 LT
J-8	"O" 66+20	22.5 RT	J-20	"T" 1+75	31.1 LT
J-9	"O" 67+90	22.5 RT	J-21	"T" 2+60	16.0 RT
J-10	"O" 69+60	22.5 RT	J-22	"O" 76+91	23.3 RT
J-11	"O" 70+66	22.5 RT	J-23	"O" 78+26	20.4 RT
J-12	"O" 70+66	23.3 LT			
	"AL" 2+31	20.3 LT	RELOCATED FROM ROADWAY		

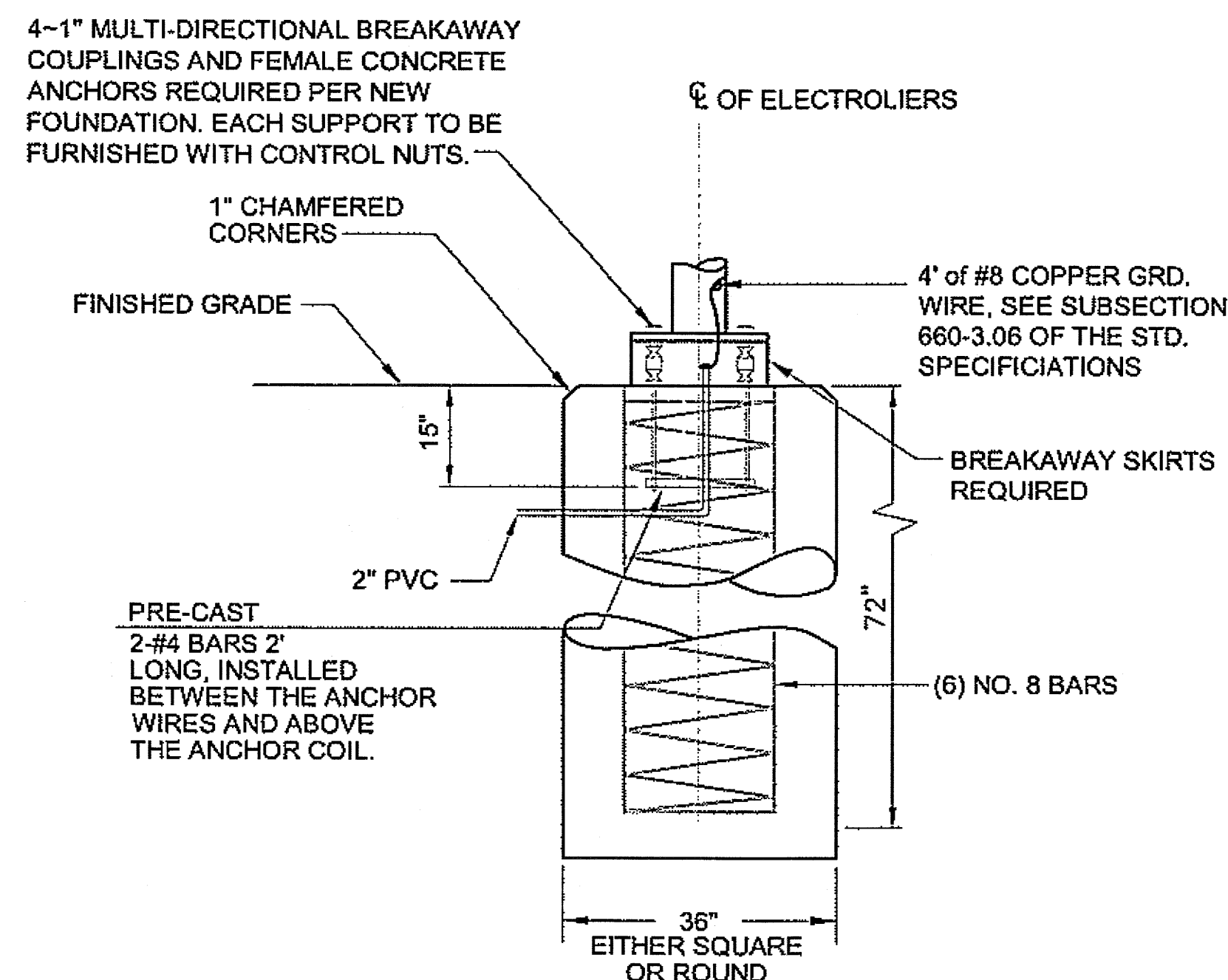
ELECTROLIER REMOVAL SUMMARY		
STATION	OFFSET	COMMENTS
"O" 54+61	5 LT	
"O" 55+95	46 LT	
"O" 57+20	93 LT	
"O" 58+94	273 LT	
"O" 60+28	349 LT	
"O" 61+94	368 LT	
"O" 63+66	340 LT	
"A" 1+60	80 RT	
"T" 2+28	6 RT	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

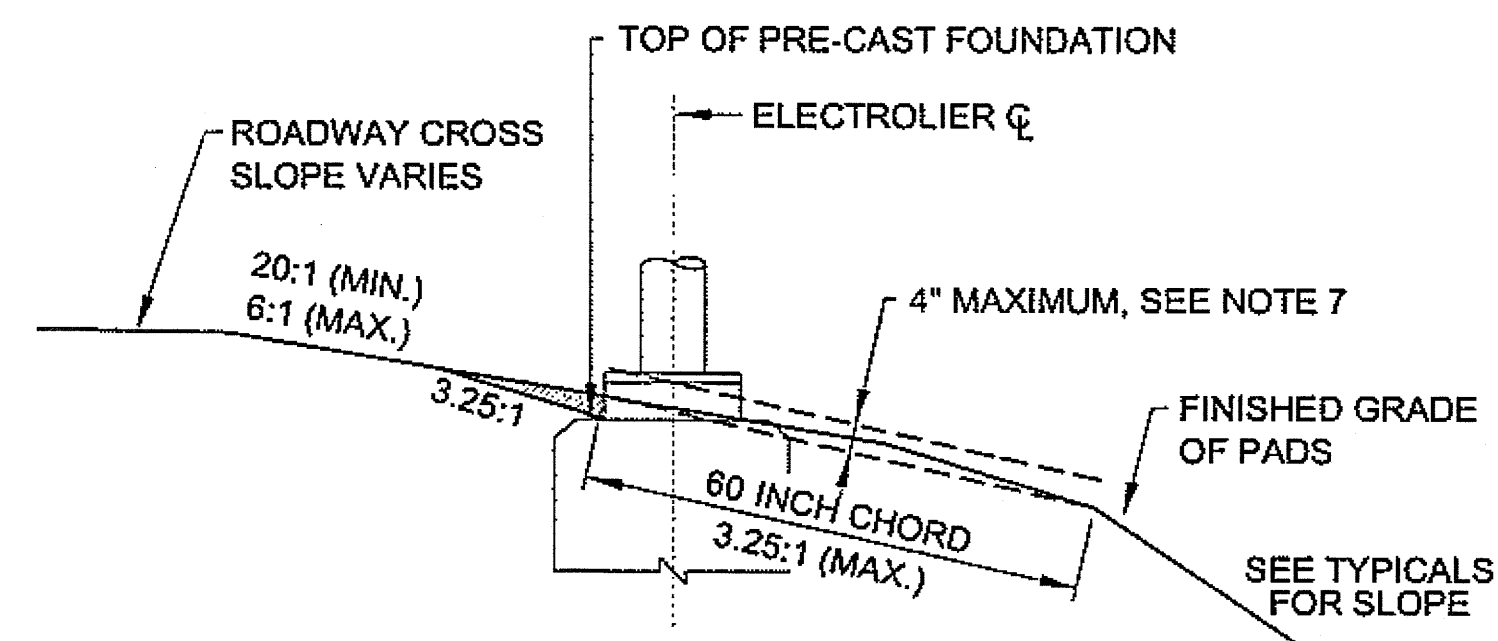
CHECKED BY: C. MOREHOUSE	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
	SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187
DESIGNED BY: D. LESTER	MISCELLANEOUS SUMMARIES
DRAWN BY: L. ROBERTSON, R. GRANTHAM	
PATH: Q:\SIT68187\PLANSET\68187_P_SUMS.DWG	PROJECT DESIGNATION NH-099-3(5)
TAB: P5	
REVISIONS	
NO.	DATE DESCRIPTION

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 6-10-10

YEAR	SHEET NO.	TOTAL SHEETS
2007	P5	40

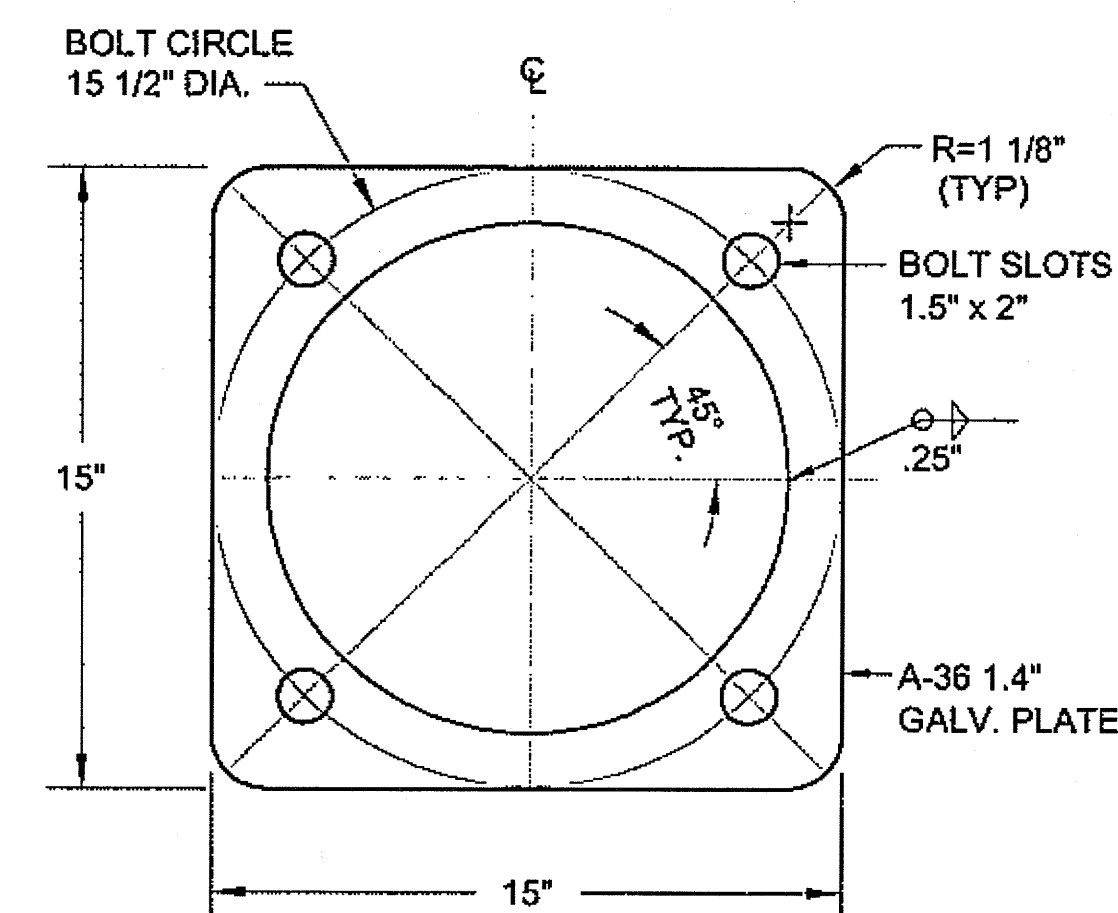


FOUNDATION WITH BREAKAWAY COUPLINGS

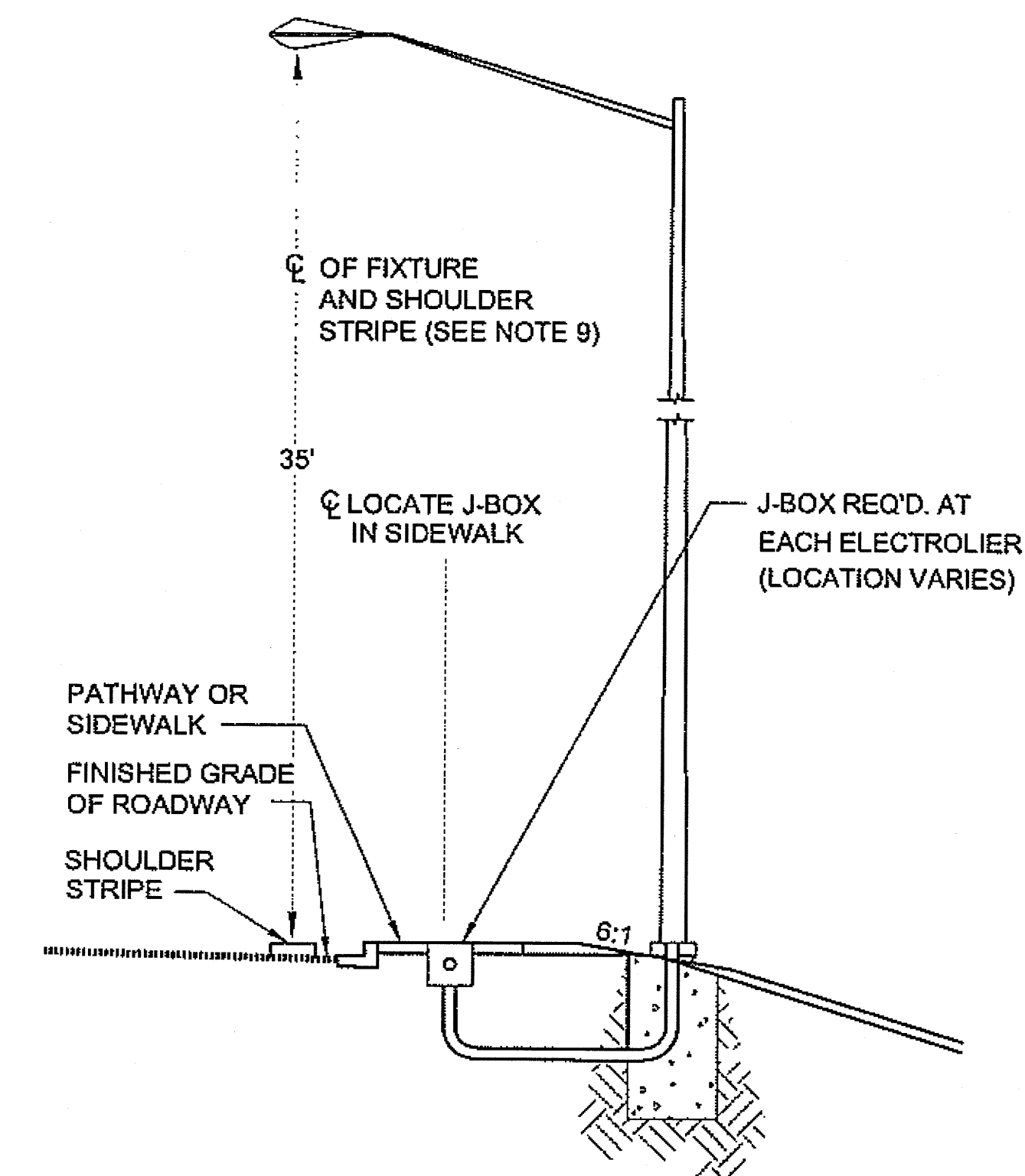


FOUNDATION GRADING DETAIL

INDICATES EMBANKMENT MATERIAL TO BE REMOVED FROM AROUND BREAKAWAY SKIRTS



ANCHOR BASE DETAIL



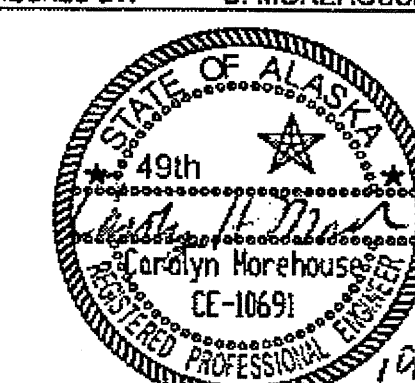
TYPICAL SECTION FOR ELECTROLIER

ILLUMINATION GENERAL NOTES

1. EACH NEW ELECTROLIER SHALL HAVE A J-BOX INSTALLED ADJACENT TO THE FOUNDATION AS SHOWN IN THE POLE AND J-BOX WIRING DETAIL.
2. ALL JUNCTION BOXES SHALL BE TYPE I-A. SEE STANDARD DRAWING L-23.01.
3. NEW ELECTROLIER FOUNDATIONS SHALL BE PRE-CAST. PRE-CAST FOUNDATIONS SHALL BE LIFTED AND TRANSPORTED USING A DEVICE THAT DISTRIBUTES THE LOAD EVENLY BETWEEN THE ANCHOR BOLTS.
4. INSTALL THE PHOTOELECTRIC CELL ON THE LOAD CENTER.
5. ILLUMINATION CIRCUIT WIRES SHALL BE NO. 6 AWG. 3-CONDUCTOR CABLE AS SPECIFIED IN STANDARD SPECIFICATION 660.
6. 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.
7. NON-BREAKAWAY PORTIONS OF FOUNDATIONS SHALL NOT PROTRUDE MORE THAN 4" ABOVE ANY 5' CHORD STARTING AND ENDING ON THE FINISHED GRADE OF THE ELECTROLIER PADS.
8. MAXIMUM SPACING BETWEEN ALL (NEW OR OLD) JUNCTION BOXES SHALL BE 190 FEET. THE COST TO INSTALL ADDITION JUNCTION BOXES SHALL BE INCIDENTAL TO THE LIGHTING SYSTEM PAY ITEM.
9. THE CENTER OF THE LUMINARIE HEAD SHALL BE DIRECTLY ABOVE THE FOGLINE.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

PATH: Q:\SIT\68187\PLANSET\68187_P_SUMS.DWG

TAB: P6

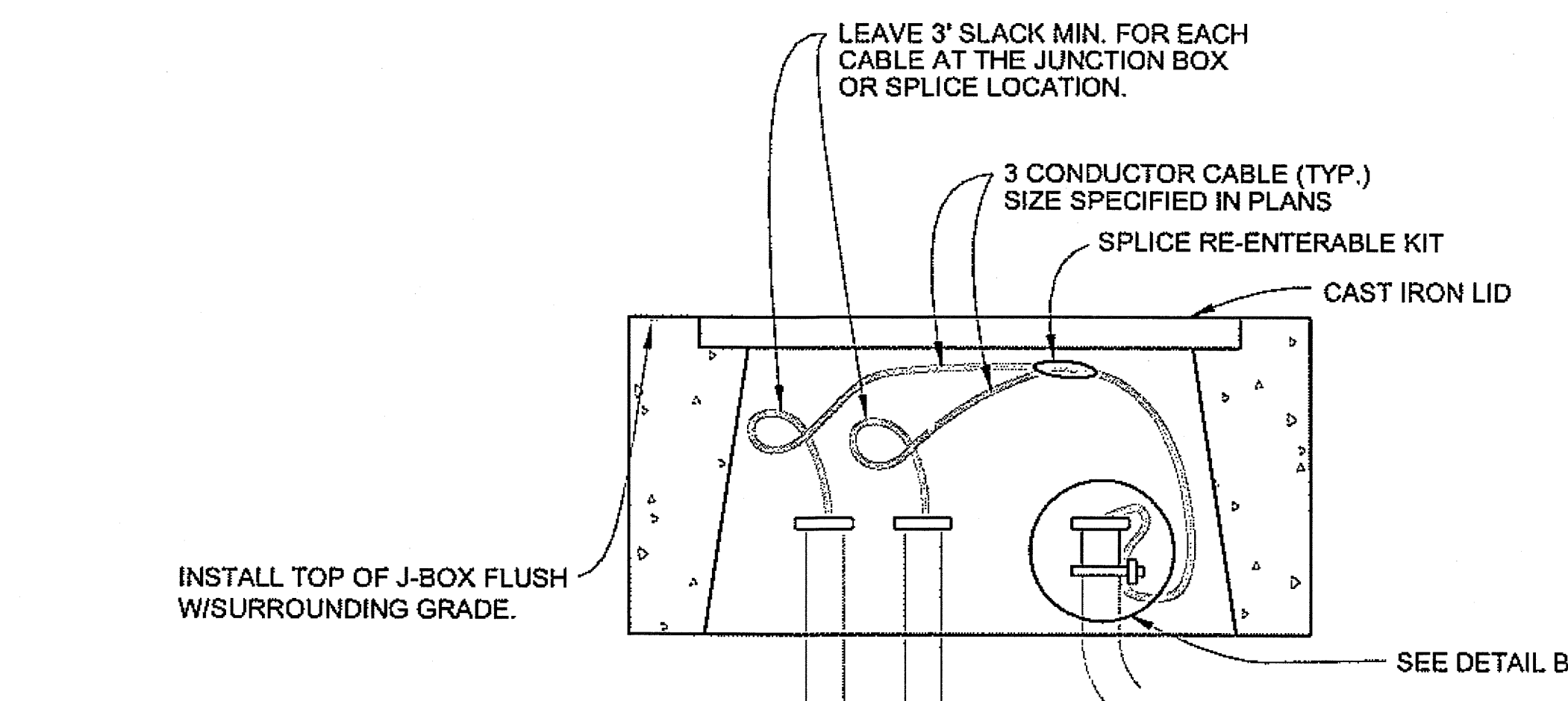
REVISIONS		
NO.	DATE	DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

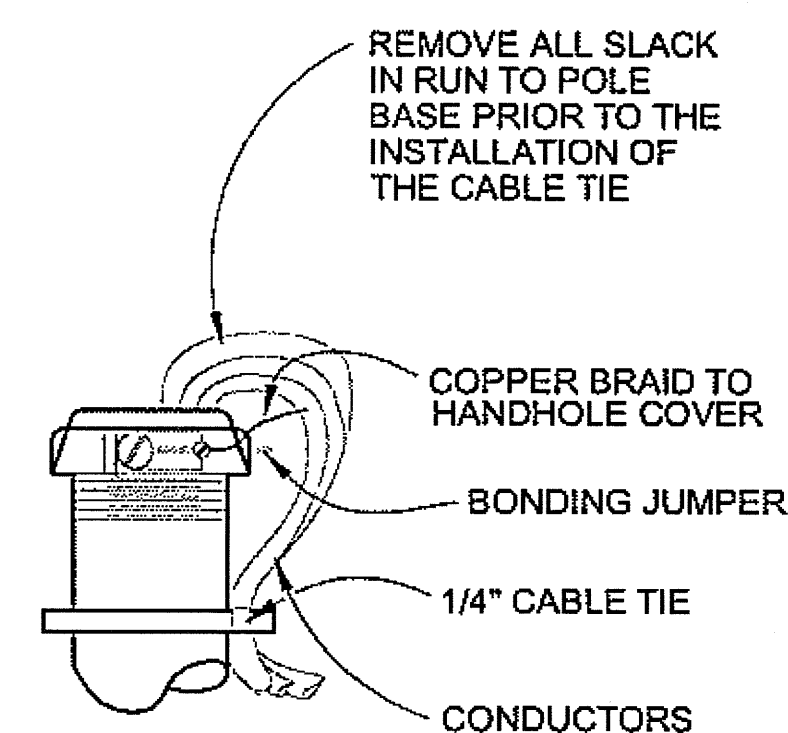
SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

ILLUMINATION DETAILS

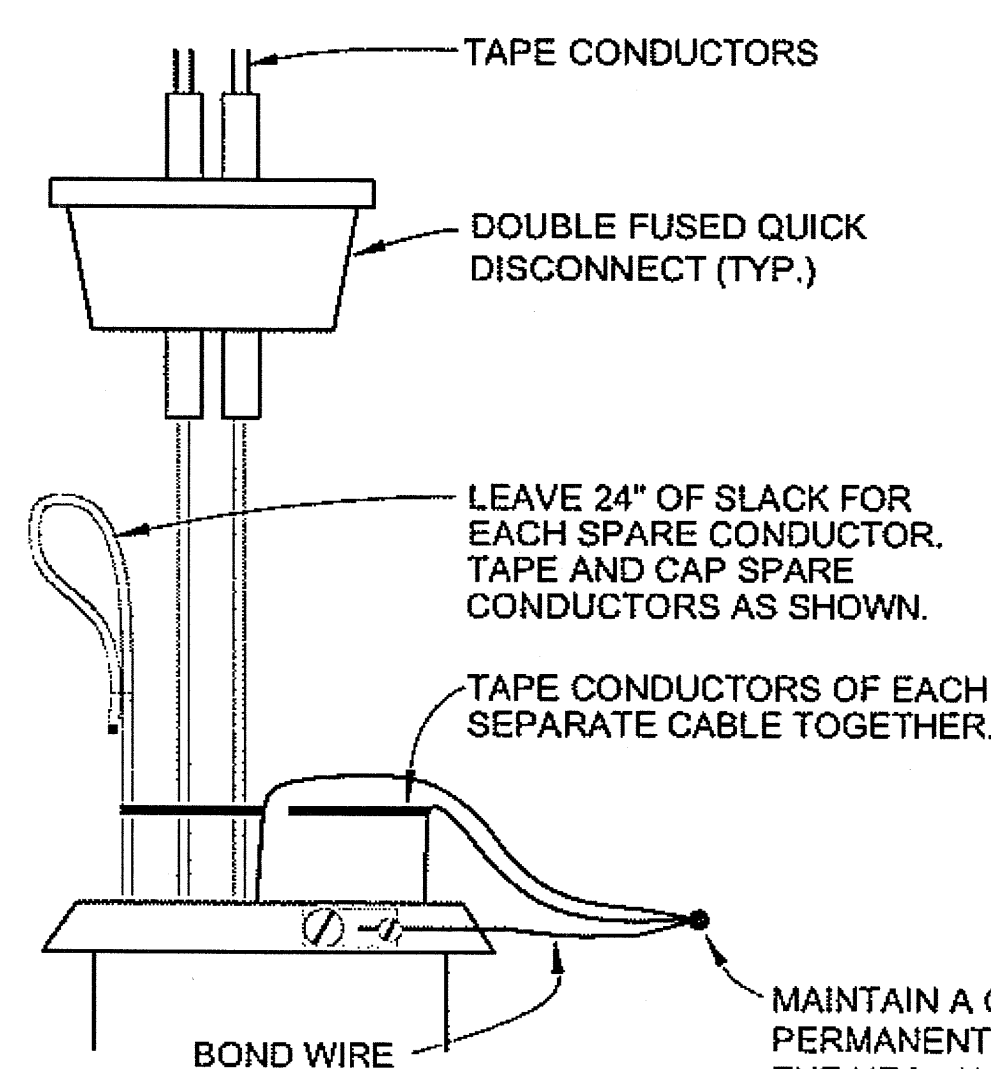
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NH-099-3(5)	2007	P6	40



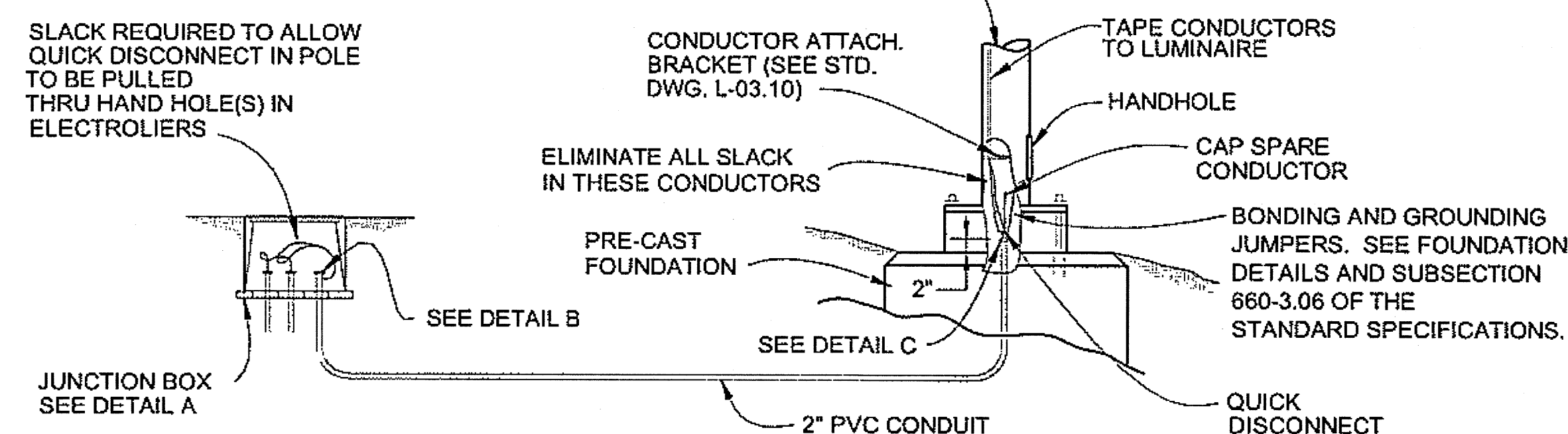
DETAIL A



DETAIL B
(IN J-BOX)



DETAIL C
(IN POLE BASE)

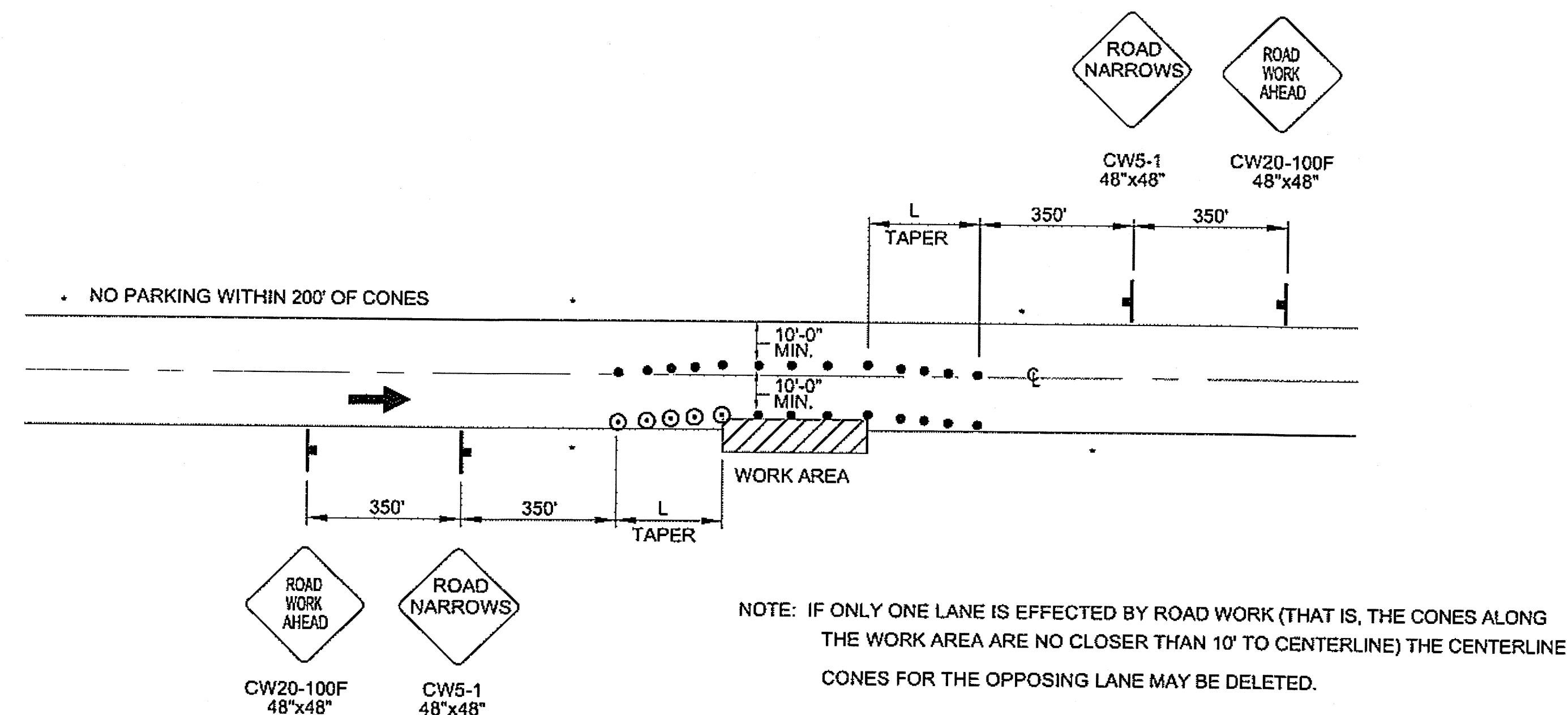


LIGHTING SYSTEM POLE AND J-BOX WIRING DETAILS
(BREAKAWAY COUPLINGS)

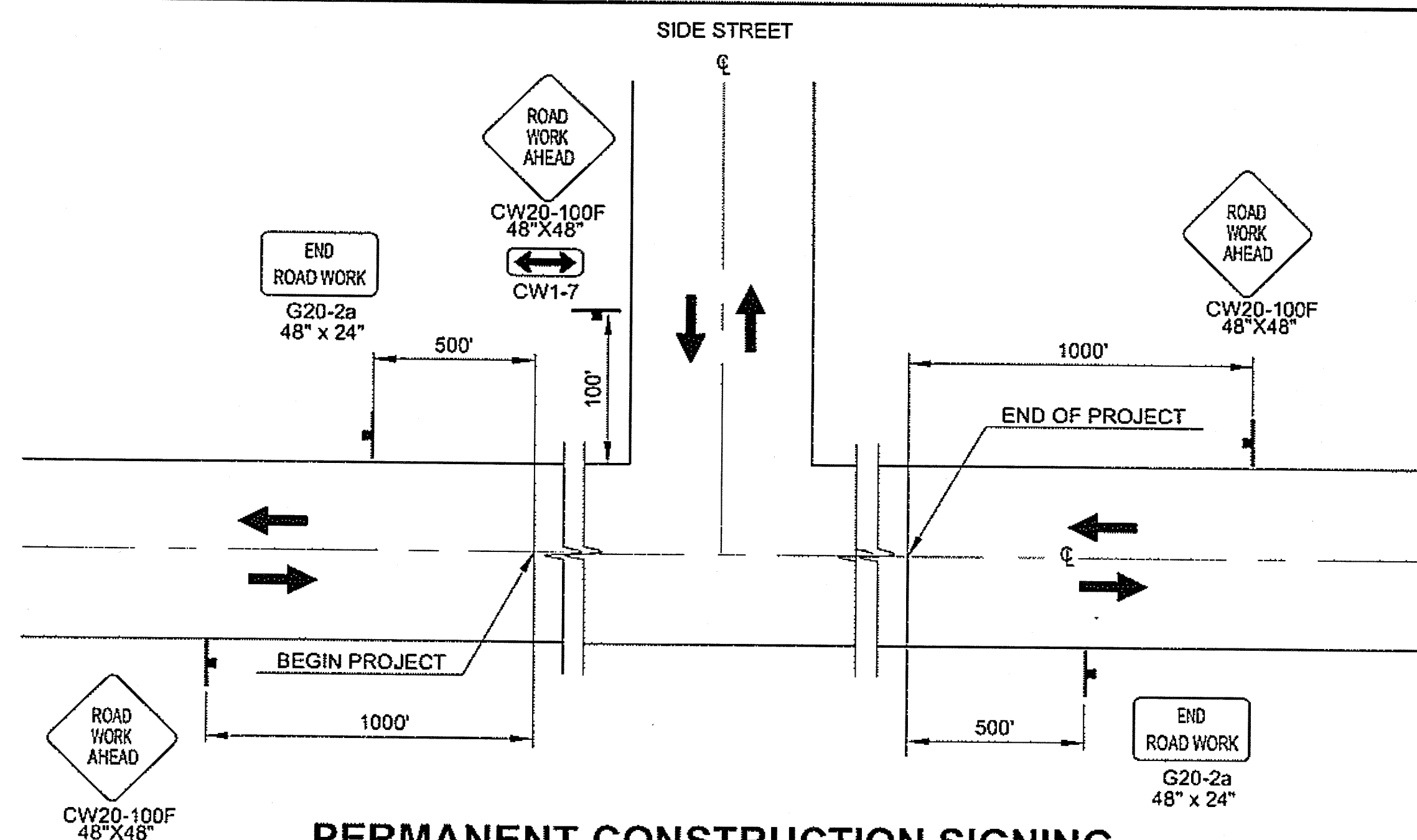
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 6-10-10

TRAFFIC CONTROL NOTES

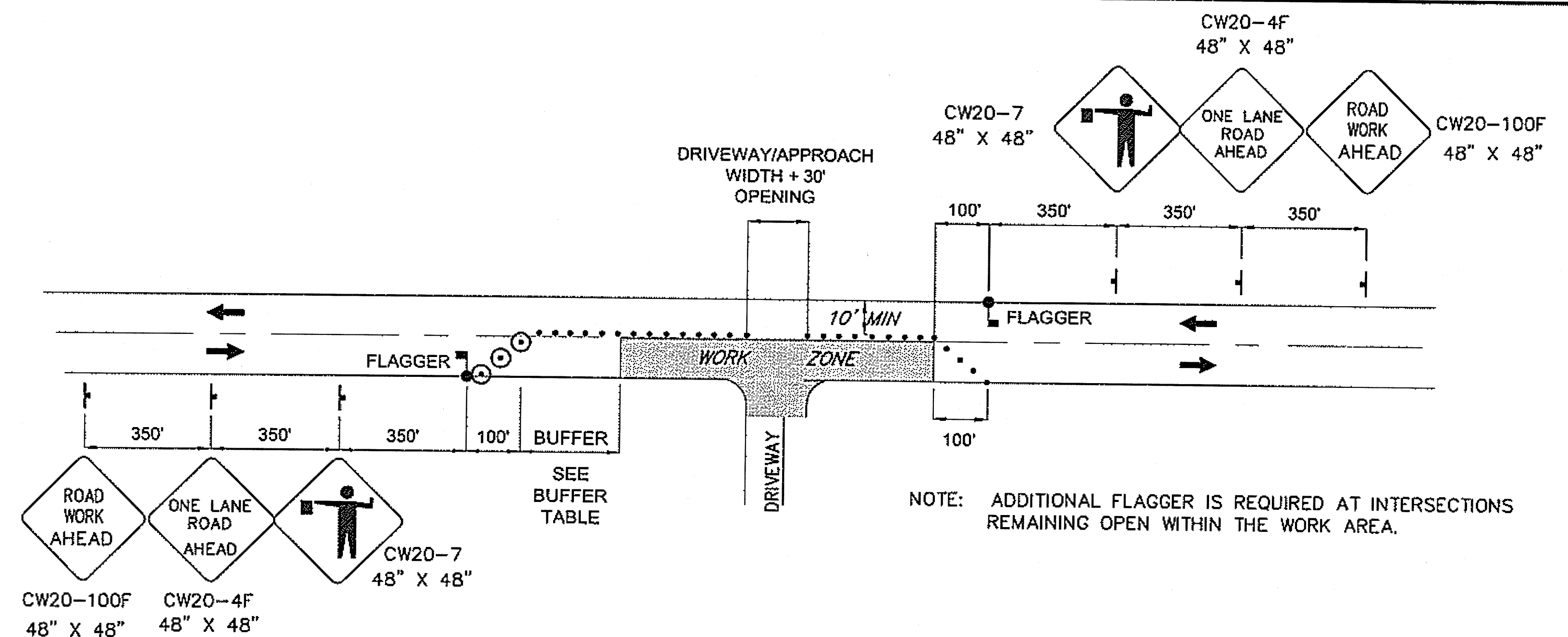
1. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATIONS NOT COVERED BY THIS TCP SHALL BE DEVELOPED AND SUBMITTED FOR APPROVAL PRIOR TO USE. THE TCP SHALL COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND ALASKA TRAFFIC MANUAL.
2. TWO-LANE, TWO WAY TRAFFIC WILL BE MAINTAINED AT ALL TIMES UNLESS APPROVED BY THE ENGINEER.
3. ACCESS TO THE AIRPORT AND COAST GUARD WILL BE MAINTAINED AT ALL TIMES.
4. TRAVEL LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
5. TEMPORARY PAVEMENT MARKINGS WILL BE REQUIRED AS DESCRIBED IN SECTION 643-3.09 OF THE SPECIFICATIONS.
6. KEEP THE PUBLIC INFORMED OF CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED PRIOR TO THEIR RELEASE. NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, BLASTING, PAVING, CHANGES IN THE LANE CONFIGURATIONS, OR CHANGES IN TRAFFIC ROUTES.
7. WORK ZONE DOUBLE TRAFFIC FINE SIGNS SHALL BE USED AS DIRECTED BY THE ENGINEER AND PER STANDARD DRAWING C-04.12.
8. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO HAVE THE ATB OR AC SURFACE PRIOR TO WINTER SHUTDOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL WINTER MAINTENANCE ON PORTIONS OF THE WORK LEFT WITHOUT AN ATB OR AC SURFACE.
9. FLAGGER SINGLE LANE CLOSURES WILL NOT BE ALLOWED FROM 7-9 AM AND 3:30-5:30 PM WEEKDAYS UNLESS APPROVED BY THE ENGINEER.



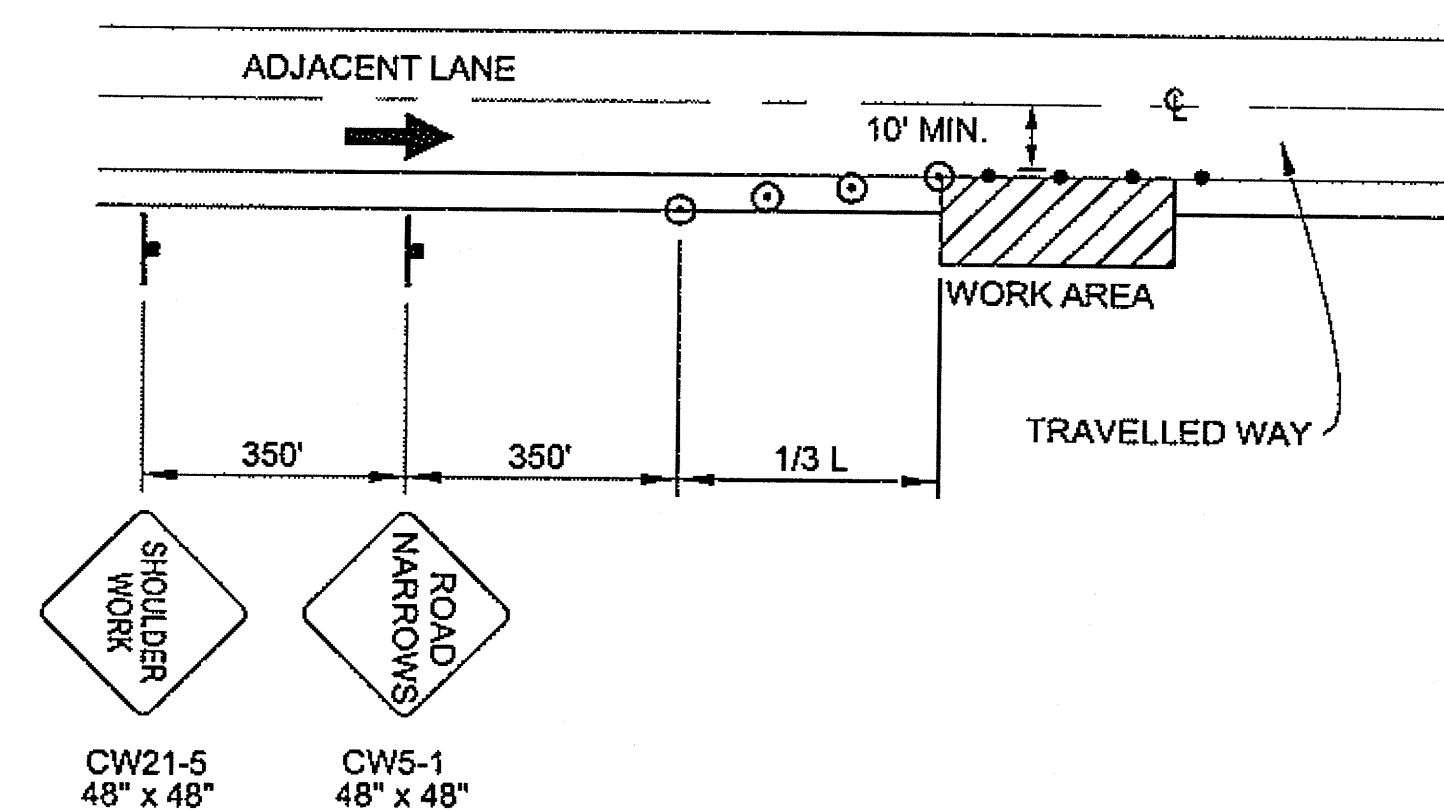
ROADWAY ENCROACHMENT



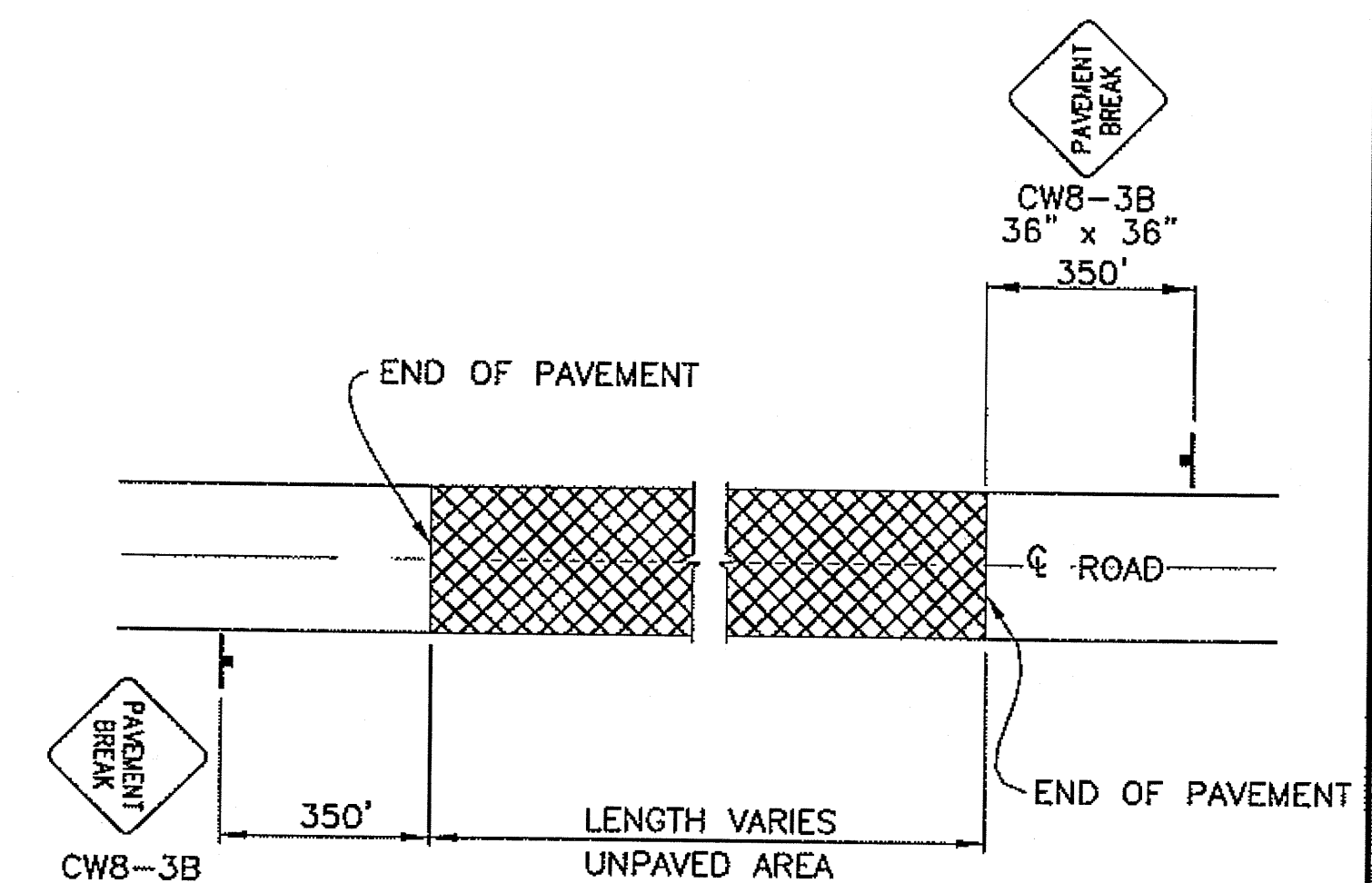
PERMANENT CONSTRUCTION SIGNING



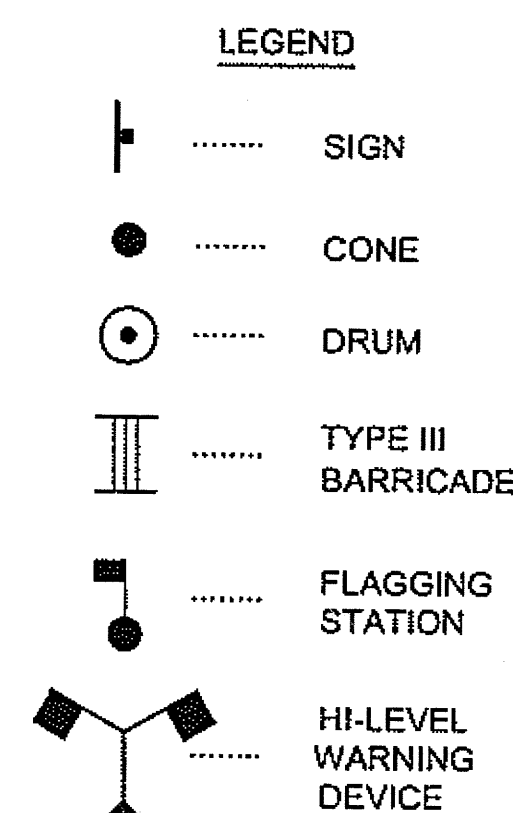
TWO-LANE ROAD - SINGLE LANE CLOSURE DOUBLE FLAGGER



SHOULDER WORK



SIGN FOR UNPAVED AREA



BUFFER TABLE

S	LENGTH
20	115'
25	155'
30	200'
35	250'

TAPER LENGTH

FORMULAS FOR L (TAPER LENGTH)

$$40 \text{ MPH OR LESS} \quad L = \frac{W \times S^2}{60}$$

$$45 \text{ MPH OR GREATER} \quad L = W \times S$$

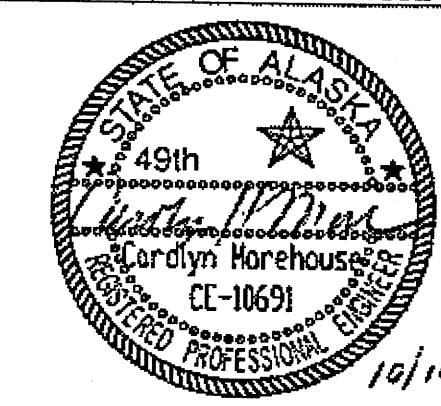
WHERE W = WIDTH OF OFFSET
S = POSTED SPEED LIMIT
OR ANTICIPATED
OPERATING SPEED

DRUM OR CONE SPACING = S (IN FEET)

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. MOREHOUSE



DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

PATH: Q:\SIT\68187\PLANSET\68187_S_TRAFFIC.DWG

TAB: S1

REVISIONS

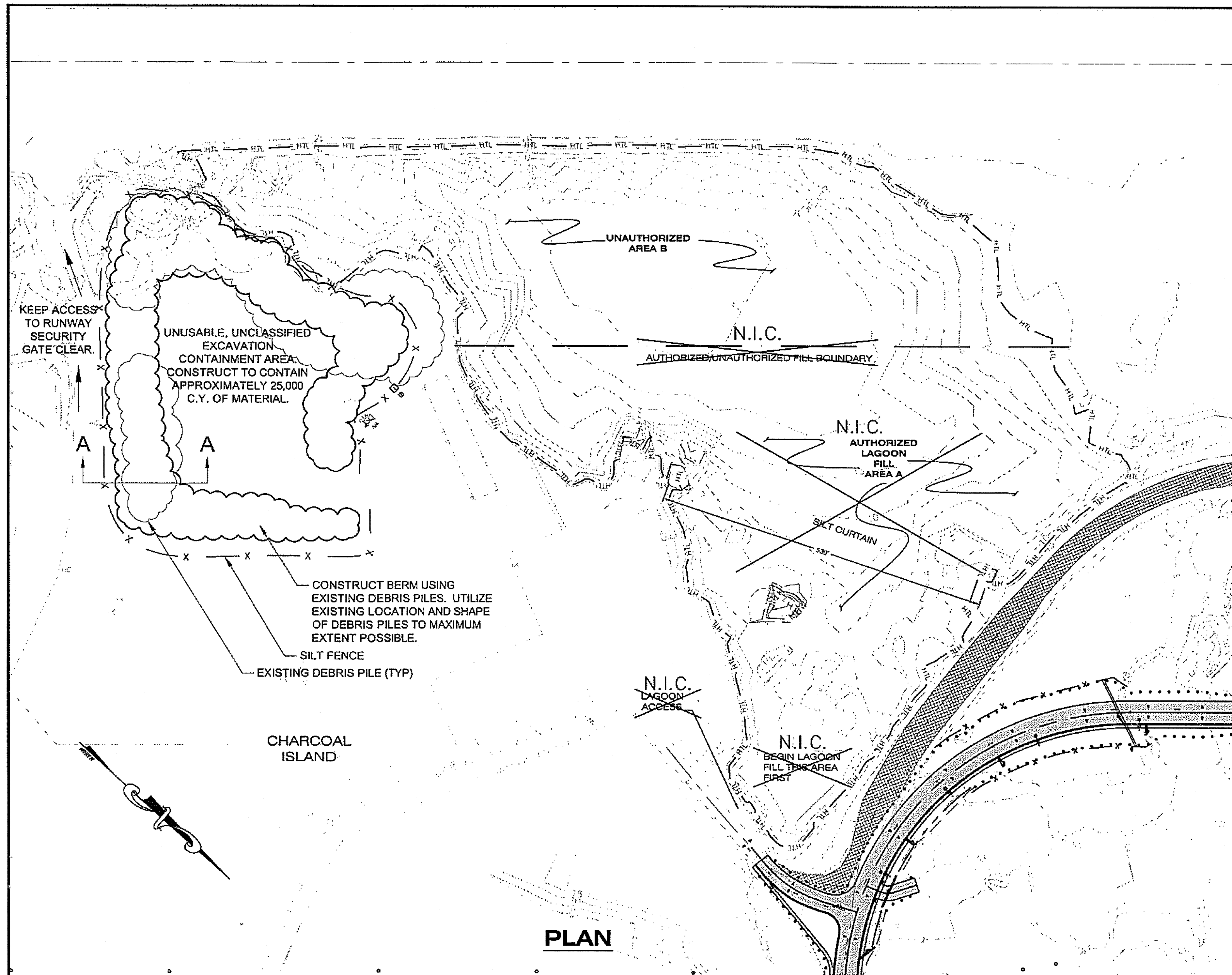
NO. DATE DESCRIPTION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

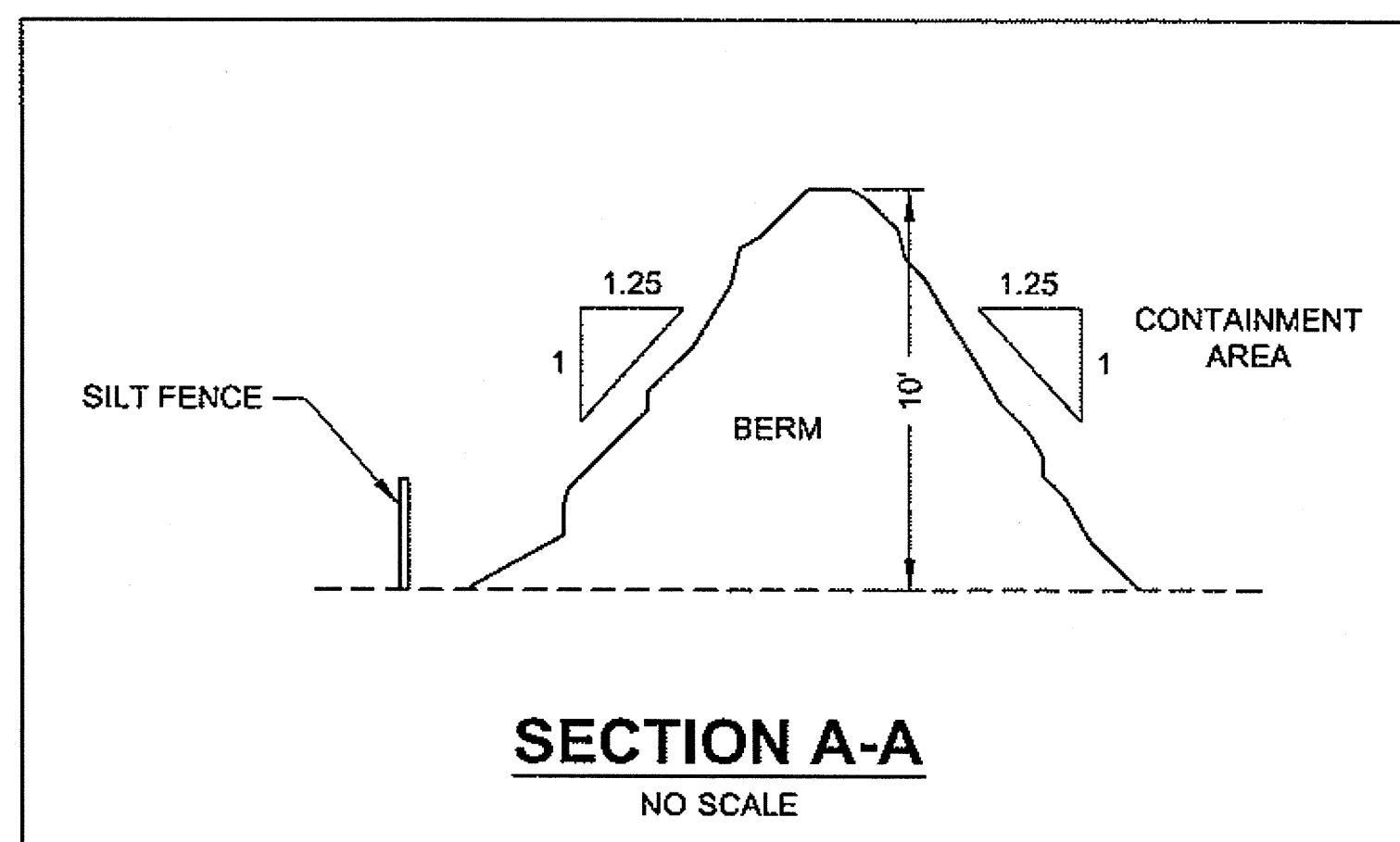
SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187

TRAFFIC CONTROL PLAN

PROJECT DESIGNATION: NH-099-3(5)
YEAR: 2007
SHEET NO.: S1
TOTAL SHEETS: 40



PLAN



N.I.C.

LAGOON FILL

ACCEPTABLE MATERIALS:
ROCK, SOIL, SAND, GRAVEL, REINFORCED PORTLAND CEMENT CONCRETE (ALL PROTRUDING REBAR MUST BE REMOVED FLUSH WITH THE SURFACE), AND USED ASPHALT (ASPHALT MUST BE DISPOSED ABOVE HIGH TIDE LINE +2.7').

UNACCEPTABLE MATERIALS:
LOGS, STUMPS, MANUFACTURED WOOD PRODUCTS, VEGETATION, GARBAGE, METAL, TOXIC AND OTHER DELETERIOUS MATERIALS.

N.I.C.

FLOTATION SYSTEM SUFFICIENT TO KEEP FLOAT ABOVE WATER LEVEL. FLOTATION BILLETS SHALL BE COATED.

ROPE THRU BILLETS OR POLYESTER TENSION STRAP OF SUFFICIENT SIZE TO MAINTAIN BOOM SHAPE AND HOLD IN POSITION.

NON-WOVEN POLYPROPYLENE GEOSYNTHETIC FABRIC (8 OZ. MIN PER SQ. FT.). CONNECTION BETWEEN ADJACENT PANELS SHALL BE SECURED BY SEWING OR OTHER APPROVED METHOD TO MAINTAIN EFFECTIVENESS OF THE SILT RETENTION.

CONTINUOUS WEIGHT SYSTEM SUFFICIENT TO KEEP FABRIC IN VERTICAL POSITION. WEIGHT SHALL BE SECURED TO FABRIC SO AS NOT TO ALLOW THE WEIGHT TO SHIFT RELATIVE TO THE FABRIC.

SILT CURTAIN

35' MIN.

LEGEND

— HTL — HTL — HIGH TIDE LINE ELEV. 12.7'

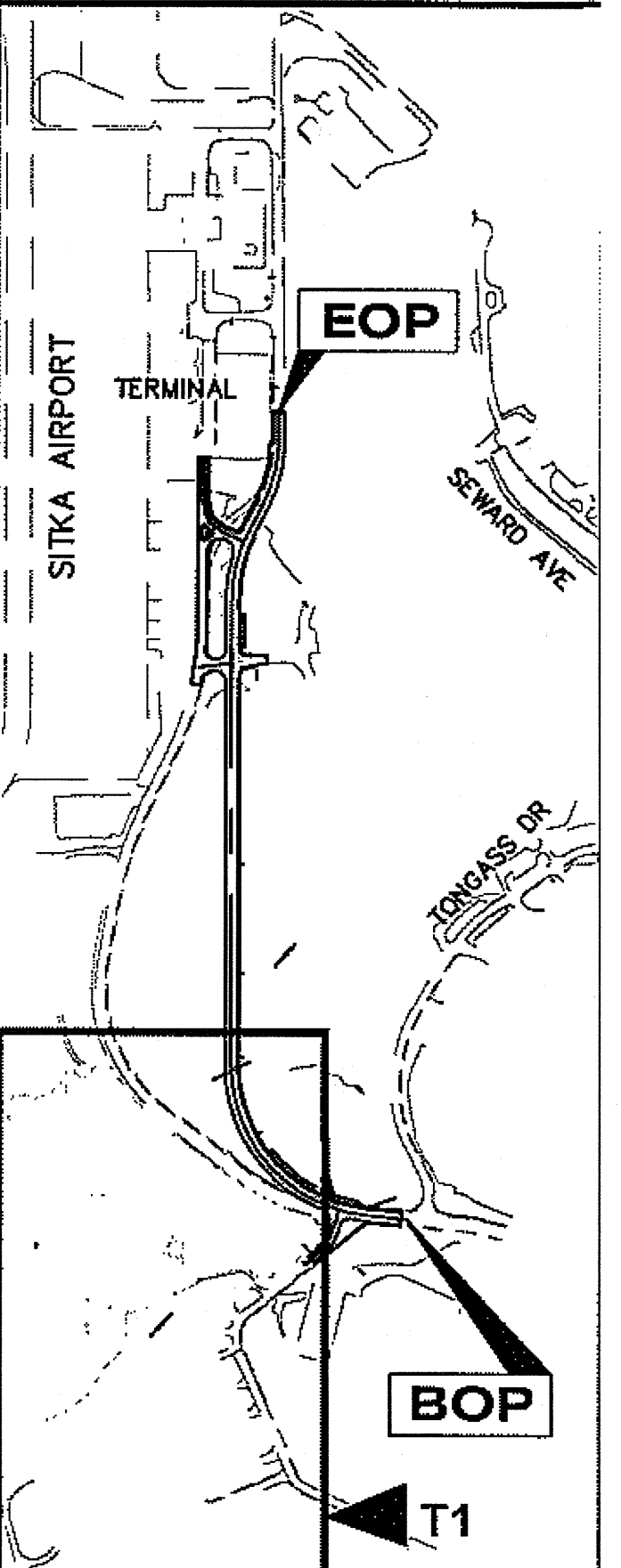
— x — x — SILT FENCE

▲ ▲ DRAINAGE FLOW ARROWS

○ ○ TEMPORARY CHECK DAM

PATH:Q:\SIT\68187\PLANSET\68187_T1-3_ESCP.DWG

NKGEARY		
TAB: T1		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. HOWARD

DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

STATE OF ALASKA
49th
Daryl G. Lester
CE-11514
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

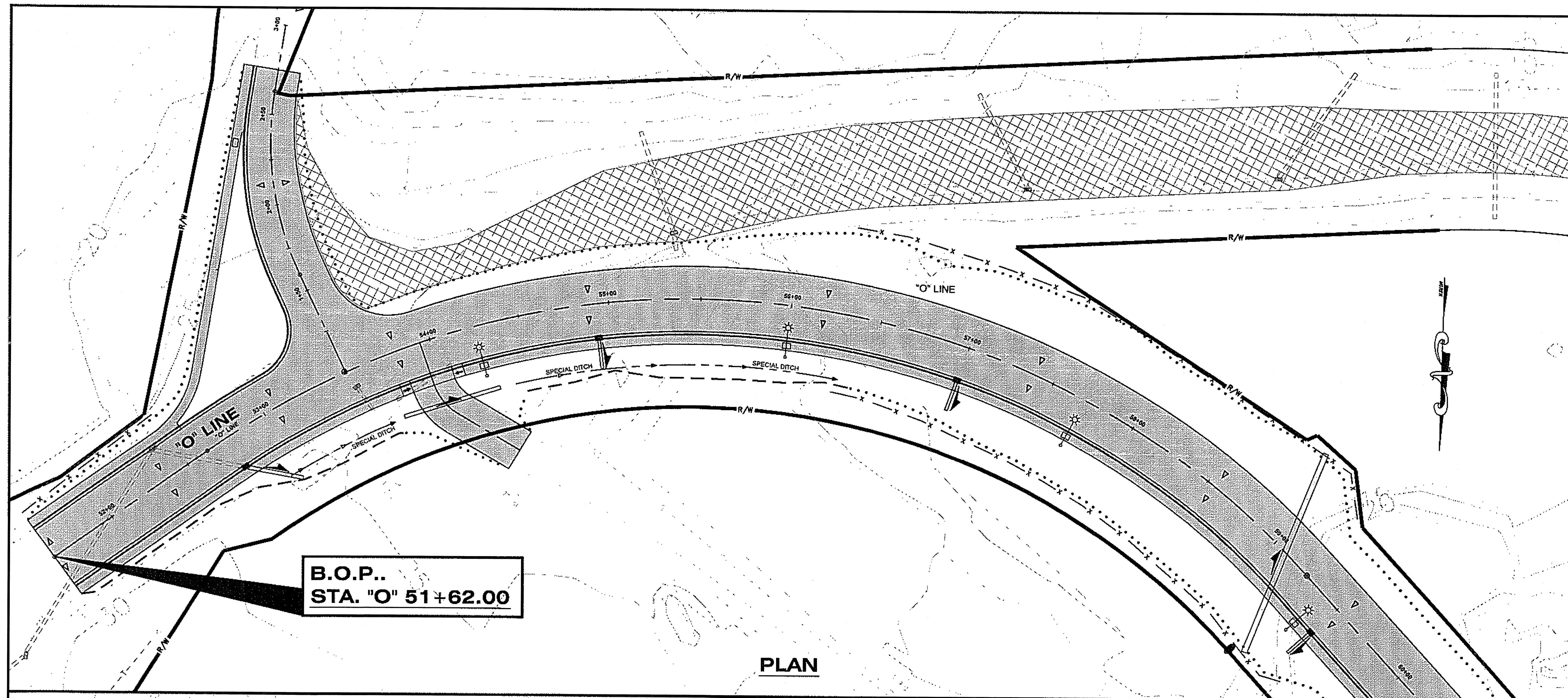
SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187
**EROSION & POLLUTION
CONTROL PLAN**

PROJECT DESIGNATION
NH-099-3(5)

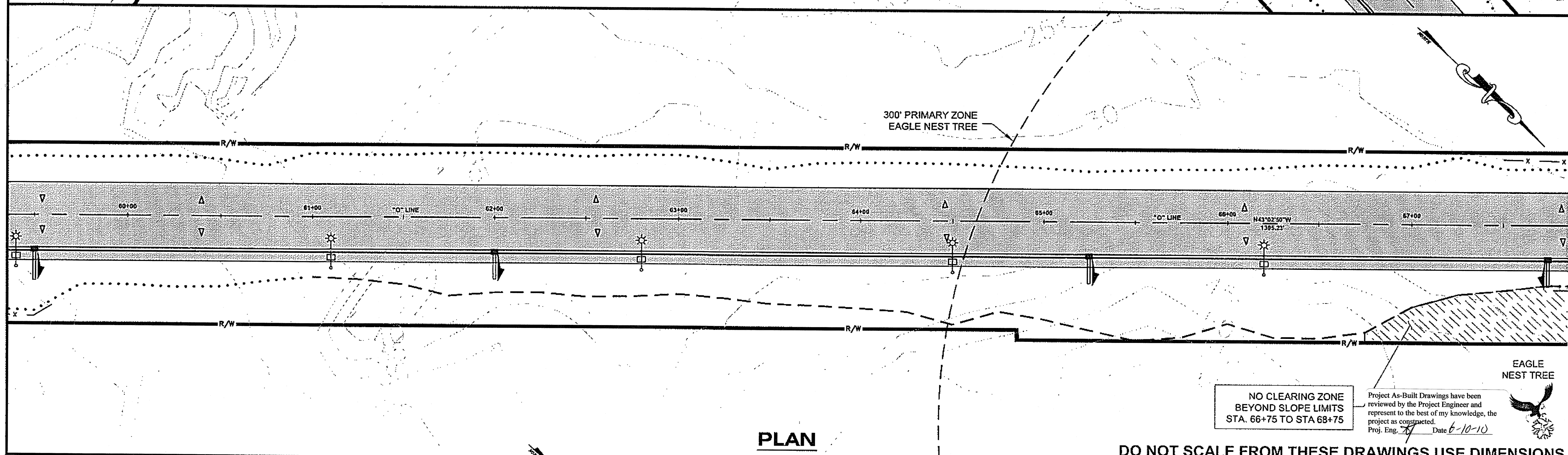
STATE	YEAR
ALASKA	2007
SHEET NUMBER	TOTAL SHEETS
T1	40

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PLAN



PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:Q:\SIT168187\PLANSET168187_T_ESCP.DWG

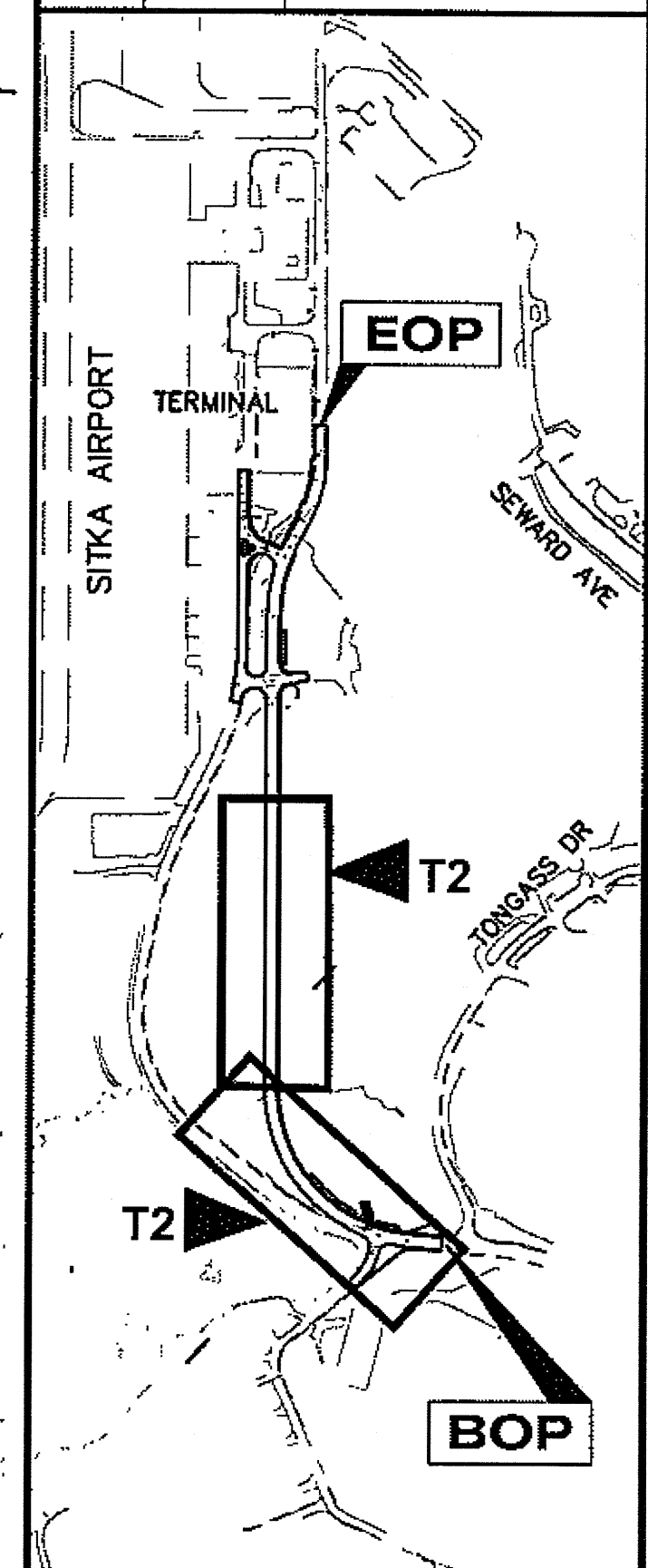
DLESTER
TAB: T2

ADDENDUM NUMBER

ATTACHMENT NUMBER

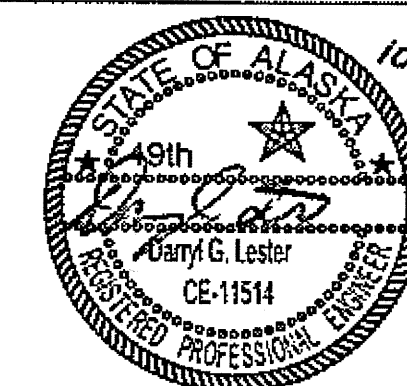
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. HOWARD



DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187
**EROSION &
POLLUTION
CONTROL PLAN**

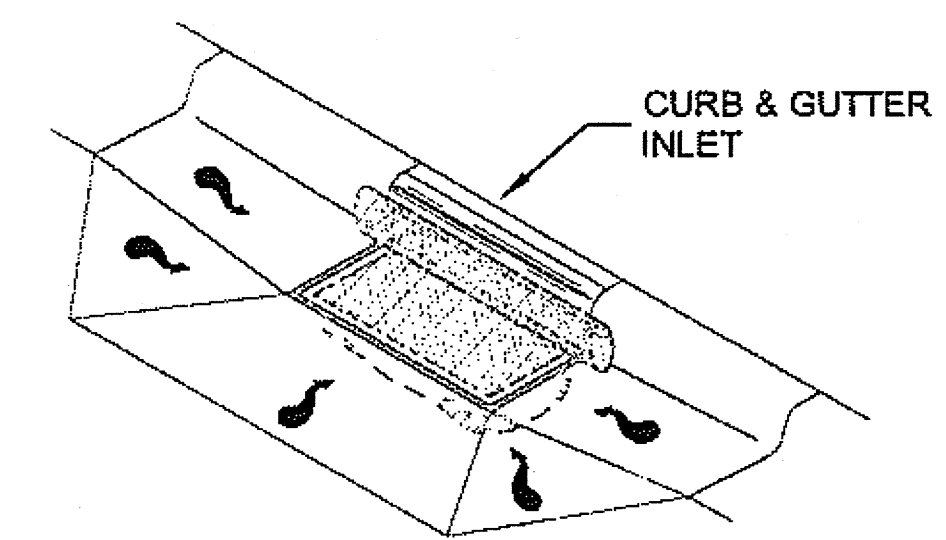
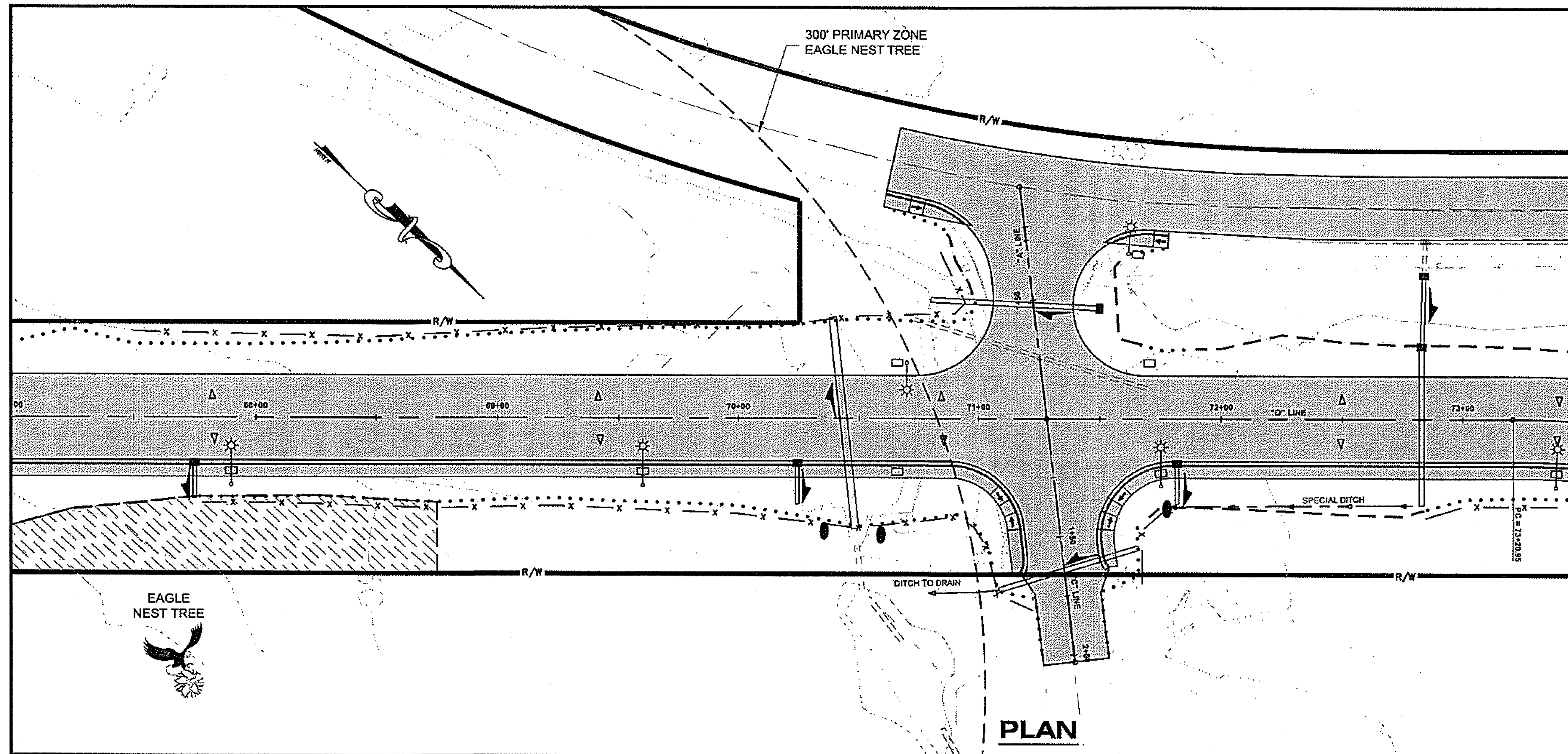
PROJECT DESIGNATION

NH-099-3(5)

STATE	YEAR
ALASKA	2007
SHEET NUMBER	TOTAL SHEETS
T2	40

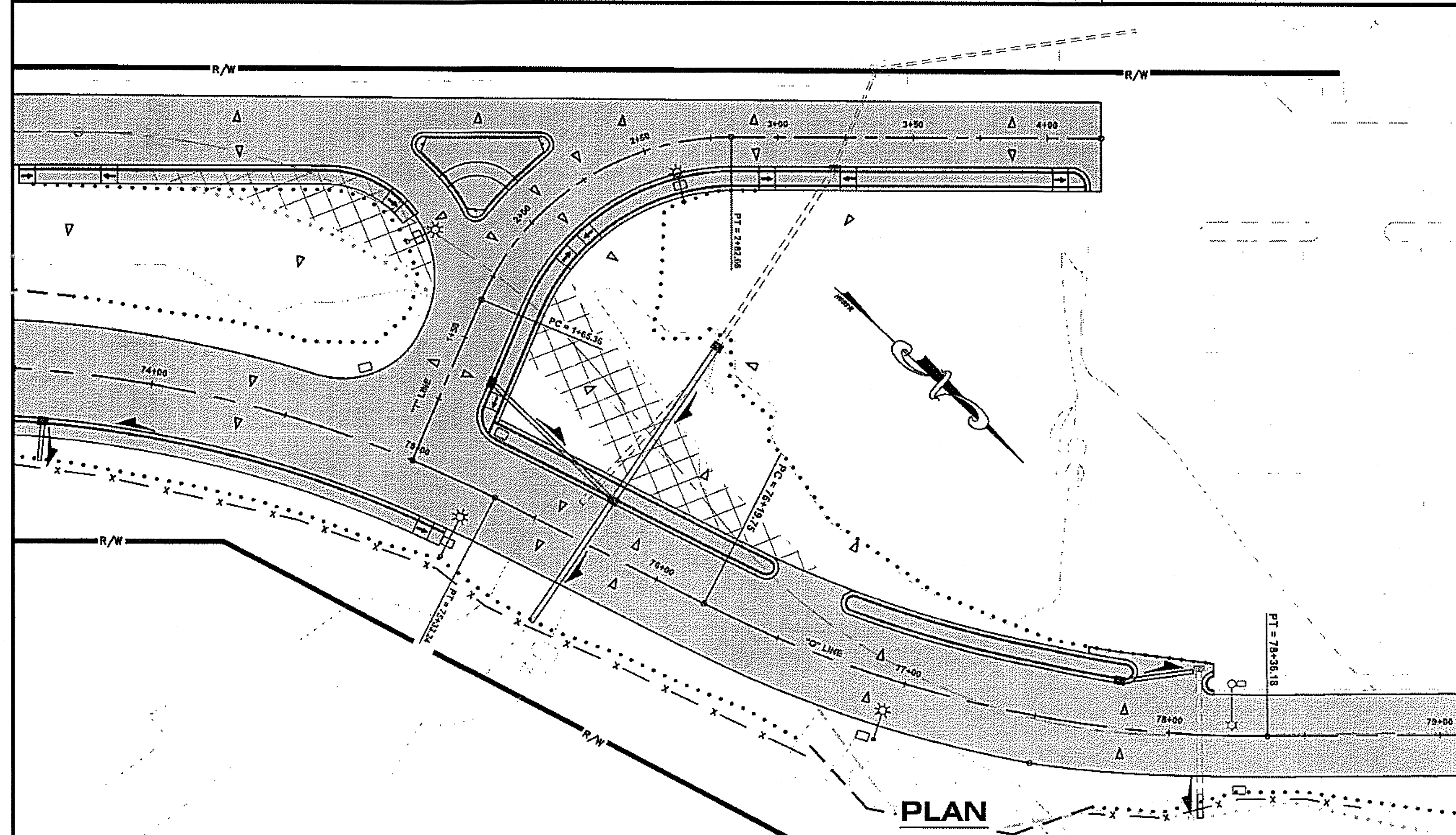
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. *[Signature]* Date 6-10-10





EROSION AND SEDIMENT CONTROL DETAIL

- USE DANDY BAG BY DANDY PRODUCTS, INC OR APPROVED EQUAL.



633 (1) SILT FENCE		
FROM STATION	TO STATION	LENGTH
"O" 51+62 LT	"O" 52+50 LT	88
"O" 55+28 LT	"O" 59+20 LT	330
"O" 56+30 RT	"O" 59+60 RT	300
"O" 67+50 LT	"O" 70+90 LT	370
"O" 67+78 RT	"O" 71+80 RT	370
"O" 71+75 LT	"O" 71+80 RT	40
"O" 72+85 RT	"O" 76+75 RT	380
"O" 77+75 RT	"O" 78+70 RT	100

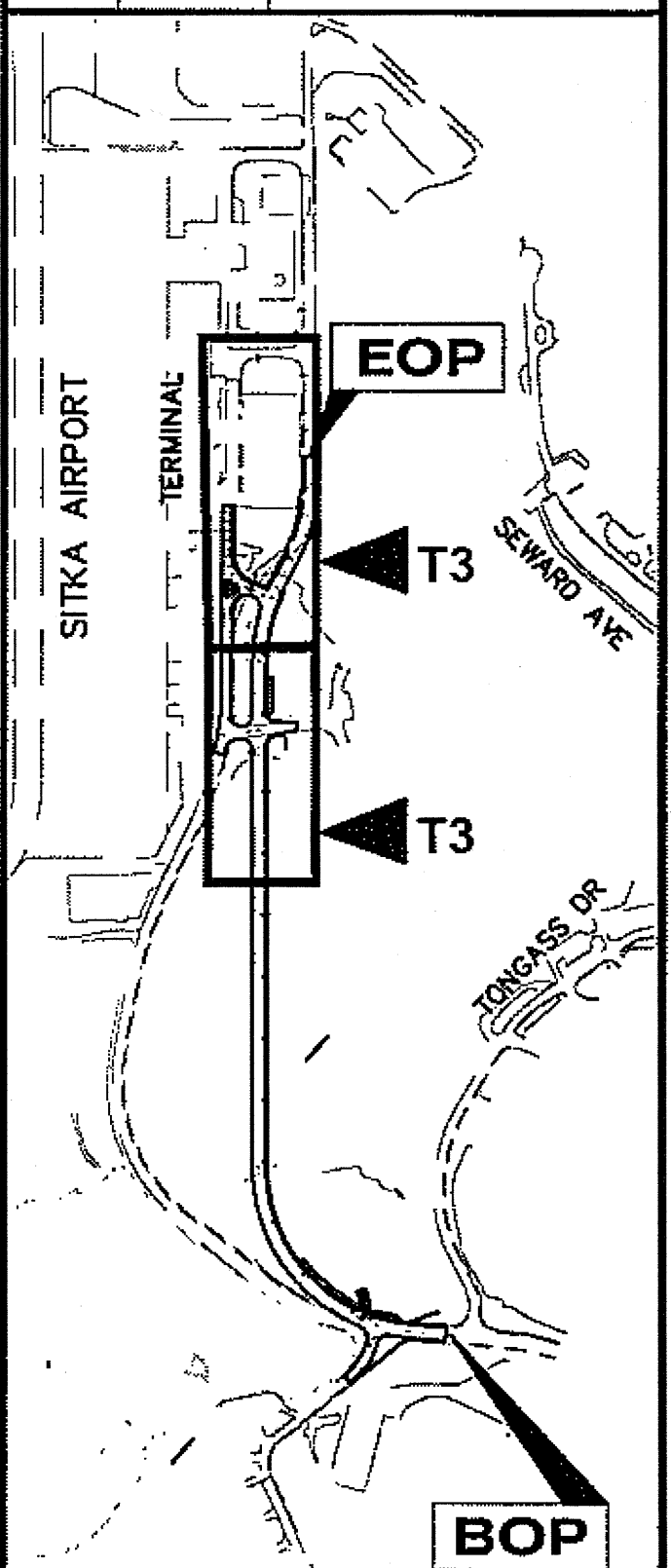
E.O.P.
STA. "O" 79+10.00

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

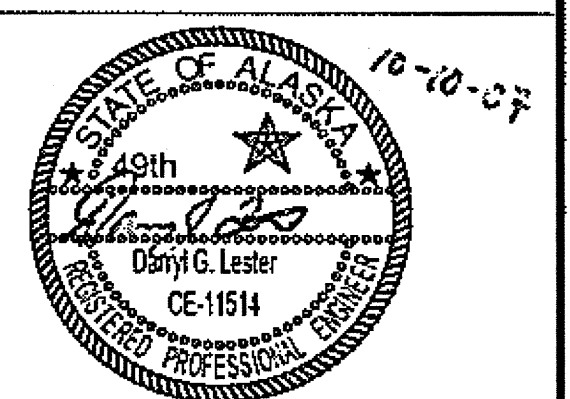
PATH:Q:\SIT168187\PLANSET\68187_T_ESCP.DWG

DLESTER TAB: T3		
ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. HOWARD



DESIGNED BY: D. LESTER

DRAWN BY: L. ROBERTSON, R. GRANTHAM

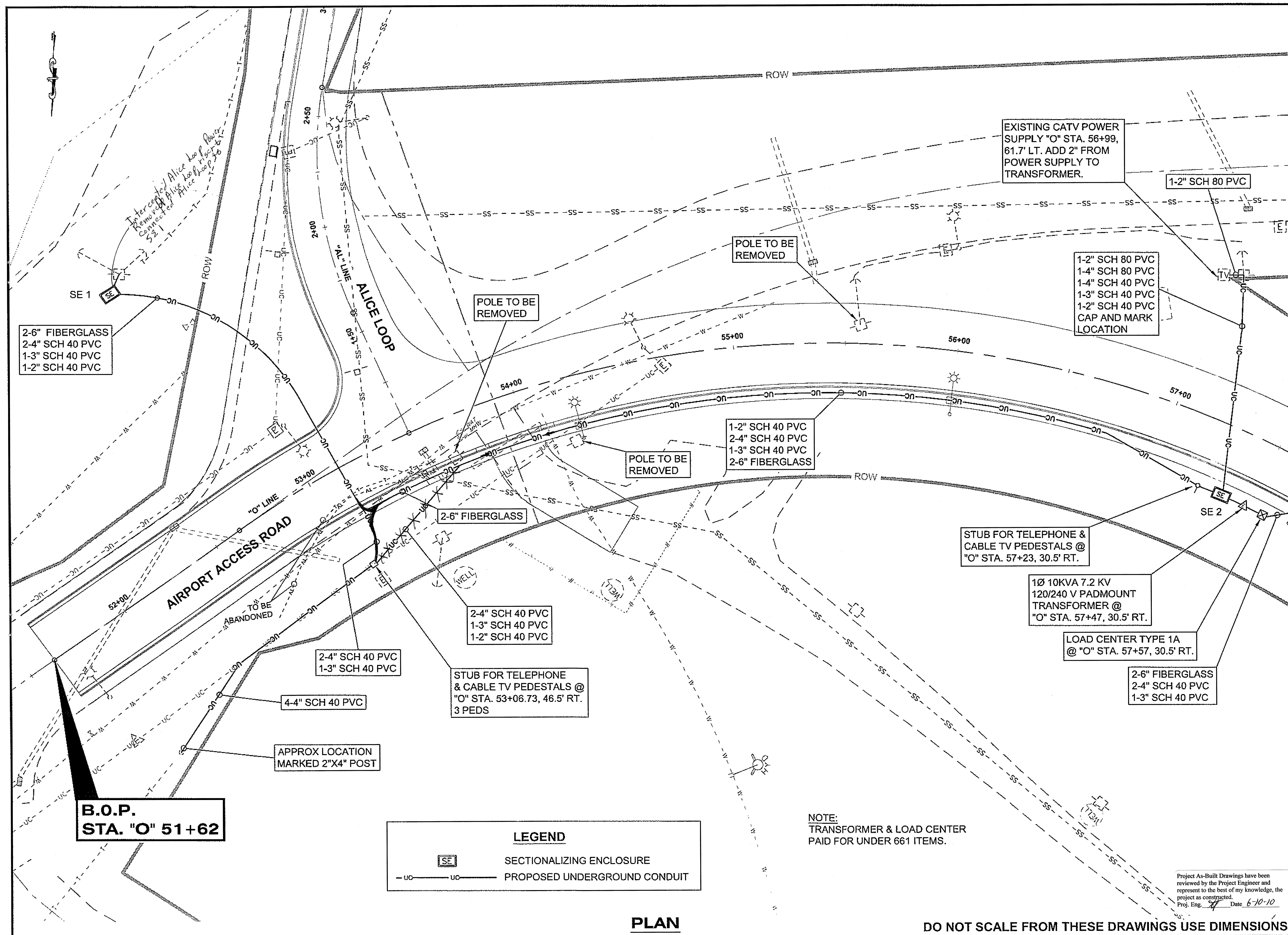
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187
EROSION & POLLUTION CONTROL PLAN

PROJECT DESIGNATION

NH-099-3(5)

STATE	YEAR
ALASKA	2007
SHEET NUMBER	TOTAL SHEETS
T3	40



PATH: Q:\SIT\68187\PLANSET\68187_U_UTILITIESNEW.DWG

DLESTER
TAB: U1 Friday, July 29, 2005 11:27:44 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: M. CARSON

STATE OF ALASKA

49th

Frank Michael Carson

EE-5684

REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: M. CARSON

DRAWN BY: L.R., R.S.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187
**UNDERGROUND
CONDUIT
LAYOUT PLAN**

PROJECT DESIGNATION
NH-099-3(5)

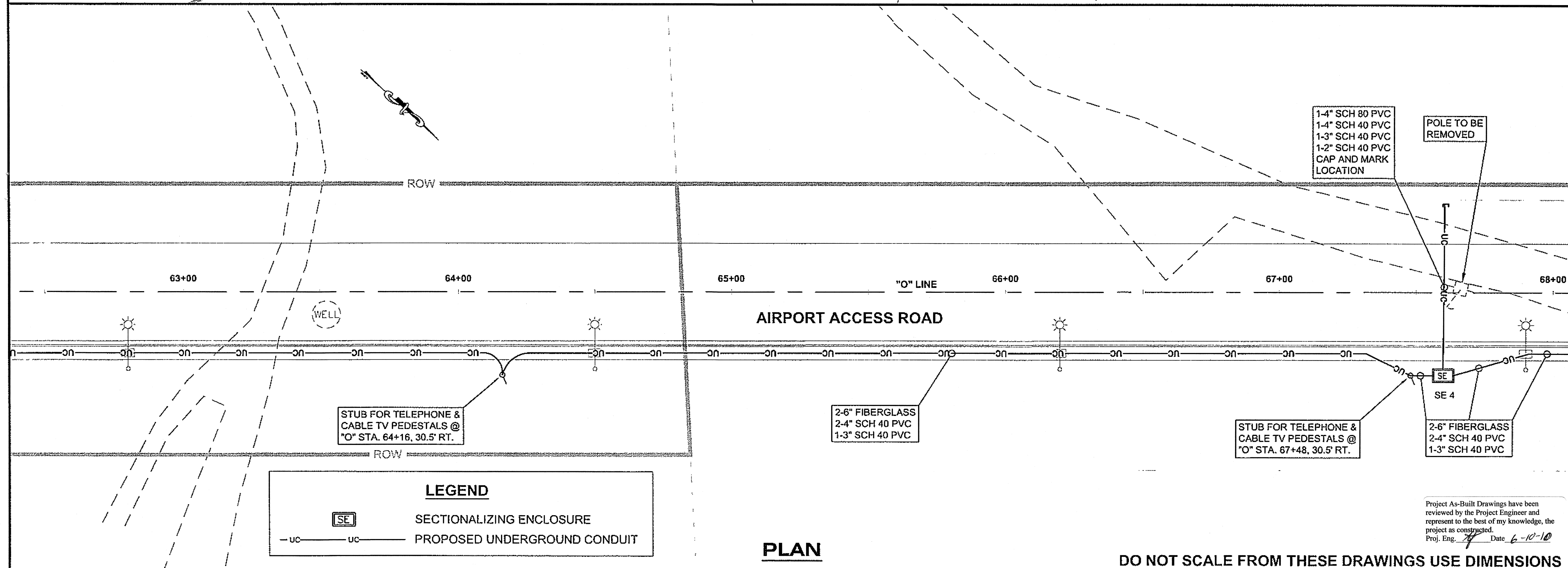
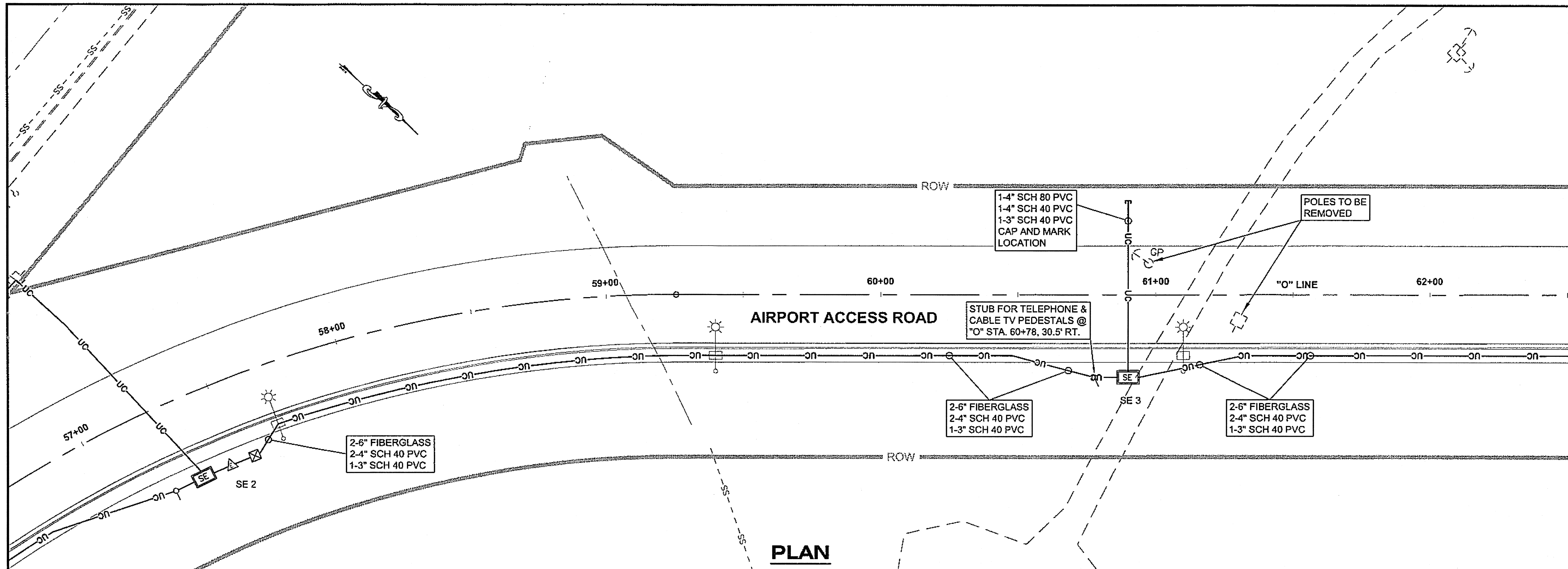
STATE	YEAR
ALASKA	2007

SHEET NUMBER	TOTAL SHEETS
U1	40

NOTE:
TRANSFORMER & LOAD CENTER
PAID FOR UNDER 661 ITEMS.

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



PATH: Q:\SIT\68187\PLANSET\68187_U_UTILITIESNEW.DWG
 DLESTER
 TAB: U2 Friday, July 29, 2005 11:27:44 AM
 ADDENDUM NUMBER
 ATTACHMENT NUMBER
 RECORD OF REVISIONS

No.	DATE	DESCRIPTION

CHECKED BY: M. CARSON

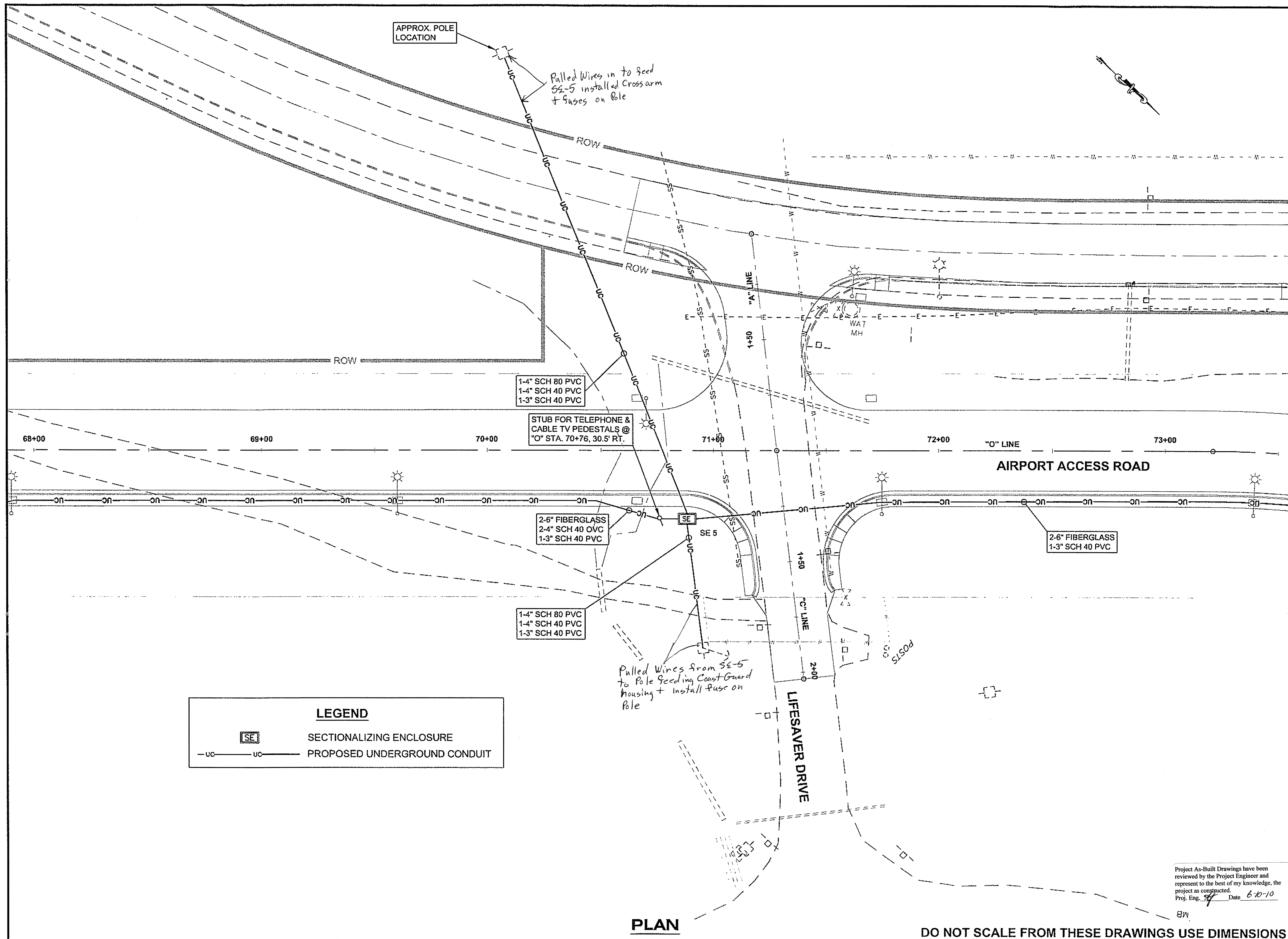
 DESIGNED BY: M. CARSON
 DRAWN BY: L.R., R.S.
 STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION
 SITKA AIRPORT
 ACCESS IMPROVEMENTS
 PROJECT #68187
**UNDERGROUND
 CONDUIT
 LAYOUT PLAN**
 PROJECT DESIGNATION
NH-099-3(5)

STATE	YEAR
ALASKA	2007

SHEET NUMBER	TOTAL SHEETS
U2	40

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



LEGEND

SE SECTIONALIZING ENCLOSURE

— UC — UC — PROPOSED UNDERGROUND CONDUIT

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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 6-10-10

PATH: Q:\SIT\68187\PLANSET\68187_U_UTILITIESNEW.D

DLESTER
 TAB: U3 Friday, July 29, 2005 11:27:44 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA AIRPORT

TERMINAL

EOP

THIS VIEW

BOP

SEWARD AVE

TONGUESS DR

PLAN LEGEND

CHECKED BY: M. CARSON

DESIGNED BY: M. CARSON

DRAWN BY: L.R., R.S.

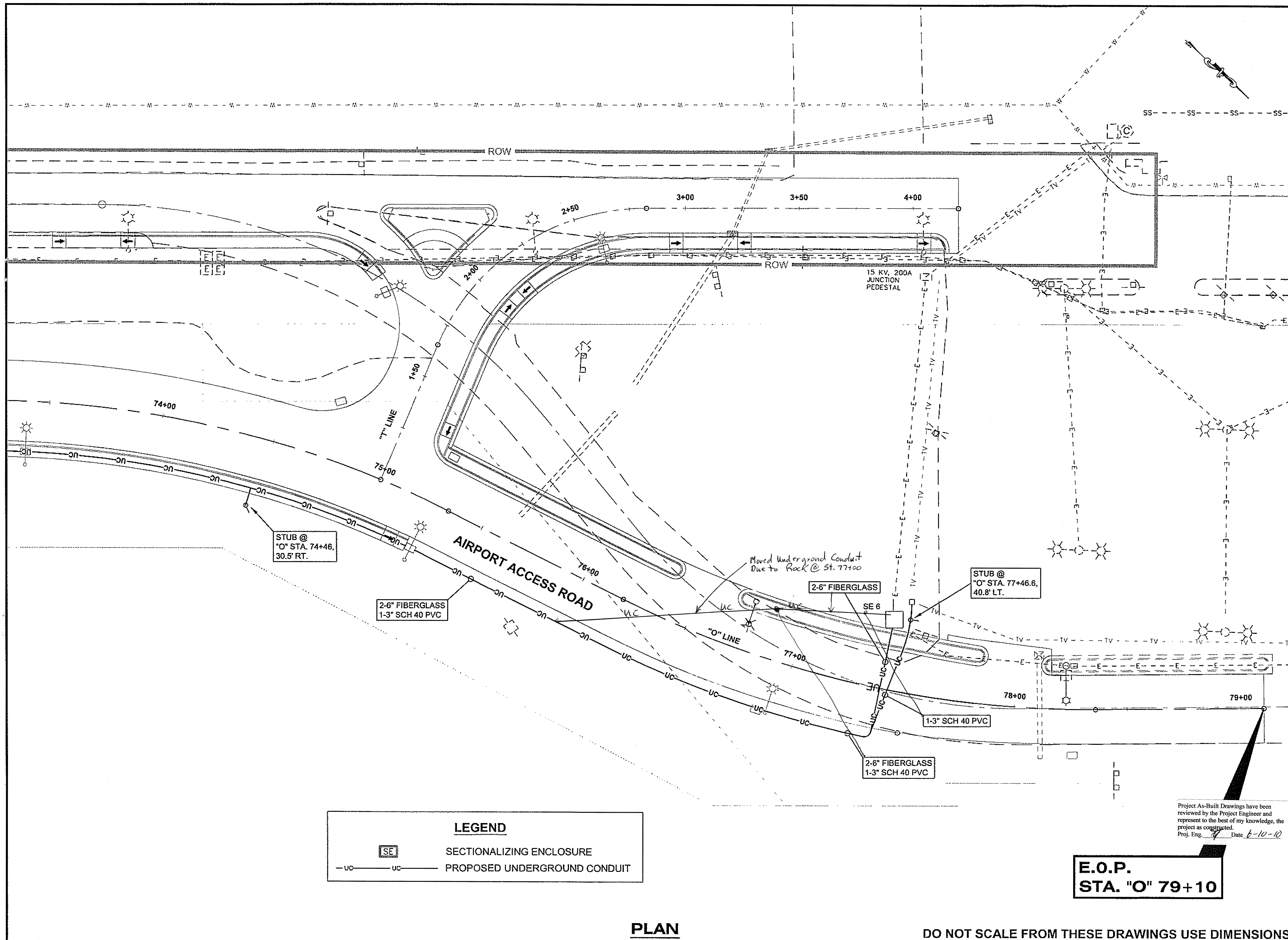
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

SITKA AIRPORT
 ACCESS IMPROVEMENTS
 PROJECT #68187
**UNDERGROUND
 CONDUIT
 LAYOUT PLAN**

PROJECT DESIGNATION
NH-099-3(5)

STATE	YEAR
ALASKA	2007

SHEET NUMBER	TOTAL SHEETS
U3	40



SE

SECTIONALIZING ENCLOSURE

UC

PROPOSED UNDERGROUND CONDUIT

PLAN

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

E.O.P.
STA. "O" 79+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. Eng. *[Signature]* Date 6-10-10

PATH:
Q:\SIT\68187\PLANSET\68187_U_UTILITIESNEW.DWG

DLESTER
TAB: U4 Friday, July 29, 2005 11:27:44 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION
-----	------	-------------

PLAN LEGEND

CHECKED BY: M. CARSON

STATE OF ALASKA
49th
Frank Michael Carson
EE-5864
REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: M. CARSON

DRAWN BY: L.R., R.S.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA AIRPORT
ACCESS IMPROVEMENTS
PROJECT #68187
**UNDERGROUND
CONDUIT
LAYOUT PLAN**

PROJECT DESIGNATION
NH-099-3(5)

STATE	YEAR
ALASKA	2007

SHEET NUMBER	TOTAL SHEETS
U4	40

UNDERGROUND DISTRIBUTION CABLE IN CONDUIT STAKING SHEET

PROJECT: 68187 DOT SITKA AIRPORT ACCESS ROAD UNDERGROUND POWER CABLE AND CONDUIT SYSTEM

STAKED:

RELEASED:

NORTHSTAR POWER ENGINEERING

VOLTAGE: 7.2/12.5 kV GROUNDED WYE

DISTRIBUTION CABLE: #2 AWG CU 15 kV JCN

MAP REFERENCE: J03-J05

LOCATION: SITKA AIRPORT ROAD

DESIGNED BY: FMC

DESIGN DATE: 10/25/07

EQUIPMENT NUMBER	STATION	OFFSET	PRIMARY EQUIPMENT				PAD/VAULT			PRIMARY CONDUCTORS					MISC UNIT	GROUND	CONDUIT					TRENCH	SECONDARY				SERVICE		REMARKS	
			UNIT	TYPE	SIZE	MODEL	TYPE	SIZE	ELEV	NO.	SIZE	TYPE	LENGTH	TERMINATION			NO.	SIZE	TYPE	MAT'L	LENGTH	DEPTH	LENGTH	SEC. EQUIP.	CABLE	TYPE	LENGTH	UNIT		METER/DS
TERM. POLE	52+81.56	124.92 LT	UC 6	3/LBDS	600A					3	#2 CU	URO-J	---	3/UM6-25		M2-11												600A 15 kV LOAD BREAK DISCONNECTS REMOVE UNUSED DOWN GUY AND ANCHOR		
SE 1	52+74.96	119.50 LT	UM 3B	3PH ENC	200/600A FOUR POS.	CJP 3556			FG	3	#2 CU	URO-J	210	6/UM6-1 6/UM6-11 6/UM6-13		UM48-2	2	6"	MW	FG	40	36"	10					600/200A 15 kV FOUR POSITION JUNCTIONS		
SE 2	57+35.07	30.47 RT	UM 3B	3PH ENC	200/600A FOUR POS.	CJP 3556			FG	3	#2 CU	URO-J	1800	7/UM6-1 1/UM6-3BA 5/UM6-11 7/UM6-13		UM48-2	2	6"	MW	FG	1120	36" 48"	500 50					600/200A 15 kV FOUR POSITION JUNCTIONS UM6-3BA IS A 600A 15KV BUSHING ADAPTER ROAD CROSSING		
TERM. POLE	57+07.24	64.77 LT	UC 2	3/CO	200A					3	#2 CU	URO-J	480	3/UM6-25		M2-11	1	4"	SH 80	PVC	110	36" 48"	50 50					200A 15 kV CUTOUTS CONVERT STRUCTURE TO C 7 DEADEND ADD E1-3C DOWN GUY AND F1-4 ANCHOR ROAD CROSSING		
TR 1	57+47.30	30.47 RT	UG 7	TRANS	10 kVA		UM1-7NC	42"x38"	FG	1	#2 CU	URO-J	40	1/UM6-1 1/UM6-7 1/UM6-13	3/UJ2-2	UM48-1	1	3"	SH 80	PVC	20	36"	10					10 kVA 120/240 V 1PH TRANSFORMER POWER SUPPLY FOR GCI CATV BOOSTER AND DOT STREET LIGHT LOAD CENTER PAID UNDER 661(6)		
CATV AMP	56+98.89	61.71 LT														UM6-6	1	2"	SH 80	PVC	125	36"	10		#2 CU	TRI	140	UM8-4	100A	GCI CATV BOOSTER AT TERMINAL POLE
SL LOAD CTR	57+57.30	30.50 RT														UM6-6	1	2"	SH 80	PVC	25	36"	10		#2 CU	TRI	40	UM8-4	100A	STREET LIGHT LOAD CENTER PAID UNDER 661(6)
SE 3	60+89.97	30.47 RT	UM 3B	3PH ENC	200/600A FOUR POS.	CJP 3556			FG							UM48-2	2 1	6" 4"	MW SH 80	FG PVC	700 70	36" 48"	340 65					600/200A 15 kV FOUR POSITION JUNCTIONS ROAD CROSSING		
SE 4	67+60	30.49 RT	UM 3B	3PH ENC	200/600A FOUR POS.	CJP 3556			FG							UM48-2	2 1	6" 4"	MW SH 80	FG PVC	1360 70	36" 48"	670 65					600/200A 15 kV FOUR POSITION JUNCTIONS ROAD CROSSING		
SE 5	70+88.30	30.50 RT	UM 3B	3PH ENC	200/600A FOUR POS.	CJP 3556			FG							UM48-2	2	6"	MW	FG	670	36"	325					600/200A 15 kV FOUR POSITION JUNCTIONS		
TERM. POLE	70+07.25	177.73 LT															1	4"	SH 80	PVC	230	36" 48"	170 50					ROAD CROSSING STUB UP CONDUIT AT POLE		
TERM. POLE	70+95.28	88.50 RT															1	4"	SH 80	PVC	70	36"	60					LIFESAVER DRIVE STUB UP CONDUIT AT POLE		
SE 6	77+40.13	31.49 LT	(UM 3B)	3PH ENC	200/600A FOUR POS.											(UM48-2)	2	6"	MW	FG	1420	36" 48"	650 50					EXISTING ENCLOSURE ROAD CROSSING		

() INDICATES EXISTING UNITS; * INDICATES REMOVAL UNITS; {} INDICATES REMOVE & INSTALL UNITS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY:	M. CARSON	
DESIGNED BY:	M. CARSON	
DRAWN BY:	M. CARSON	
PATH:	Q:\SIT168187\PLANSET\168187_U_UTILITIES\NEW.DWG	
TAB:	U5	
REVISIONS		
NO.	DATE	DESCRIPTION

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187
POWER STAKING SUMMARY

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 6-10-10

PROJECT DESIGNATION		YEAR	SHEET NO.	TOTAL SHEETS
NH-099-3(5)		2007	U5	40

COMMUNICATIONS CONDUIT STAKING SHEET															
STUBUP LOCATION				TELEPHONE CONDUIT					CATV CONDUIT					CONDUIT	TRENCH
NUMBER	STATION	OFFSET	EQUIPMENT	NUMBER	SIZE	SCHED.	MAT'L.	LENGTH	NUMBER	SIZE	SCHED.	MAT'L.	LENGTH	DEPTH	LENGTH
POST	51+87.96	65.40 RT	---	3	4"	40	PVC	---	1	4"	40	PVC	---	---	---
SU A	53+06.73	46.48 RT	PEDESTALS	3	4"	40	PVC	375'	1	4"	40	PVC	125'	36"	120'
POLE	52+81.56	124.92 LT	RISERS	2	4"	40	PVC	410'	1	3"	40	PVC	205'	36"/48"	30'+JT
SU B	57+23	30.5 RT	PEDESTALS	2	4"	40	PVC	820'	1	2"	40	PVC	205'		ROAD CROSSING(48")
									1	3"	40	PVC	410'	36"	60'+JT
POLE	57+07.24	64.77 LT	---	1	4"	40	PVC	120'	1	2"	40	PVC	120'		ROAD CROSSING(48")
									1	3"	40	PVC	120'	36"/48"	JOINT
SU C	60+78	30.5 RT	PEDESTALS	2	4"	40	PVC	720'	1	3"	40	PVC	360'	36"	JOINT
XING	60+90	---	---	1	4"	40	PVC	80'	1	3"	40	PVC	80'	36"/48"	JOINT
SU D	64+16	30.5 RT	PEDESTAL	2	4"	40	PVC	720'	1	2"	40	PVC	80'		ROAD CROSSING(48")
									1	3"	40	PVC	360'	36"	10'+JT
SU E	67+48	30.5 RT	PEDESTALS	2	4"	40	PVC	700'	1	3"	40	PVC	350'	36"	JOINT
XING	67+60	---	---	1	4"	40	PVC	80'	1	3"	40	PVC	80'	36"/48"	JOINT
SU F	70+76	30.5 RT	PEDESTALS	2	4"	40	PVC	680'	1	2"	40	PVC	80'		ROAD CROSSING(48")
									1	3"	40	PVC	340'	36"	JOINT
POLE	70+07.25	177.73 LT	RISERS	1	4"	40	PVC	240'	1	3"	40	PVC	240'	36"/48"	JOINT
POLE	70+95.28	88.50 RT	RISERS	1	4"	40	PVC	80'	1	2"	40	PVC	80'		ROAD CROSSING(48")
									1	3"	40	PVC	80'	36"	JOINT
SU G	74+46	30.5 RT	PEDESTAL						1	3"	40	PVC	380'	36"	JOINT
SU H	77+46.59	40.78 LT	PEDESTAL						1	3"	40	PVC	375'	36"/48"	60'+JT
															ROAD CROSSING(48")

NOTE: SEE POWER STAKING SHEET FOR JOINT TRENCH LENGTHS.

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 6-10-10

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS			
CHECKED BY: M. CARSON		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		SITKA AIRPORT ACCESS IMPROVEMENTS PROJECT #68187	
DESIGNED BY: M. CARSON		COMMUNICATIONS STAKING SUMMARY	
DRAWN BY: M. CARSON			
PATH: Q:\SIT\68187\PLANSET\68187_U_UTILITIESNEW.DWG			
TAB: U6			
REVISIONS		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	
		NH-099-3(5)	2007
		SHEET NO.	40
		U6	