A S - B U I L T S

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION
DESIGN AND CONSTRUCTION DIVISION

JUNEAU

LEMON ROAD SIDEWALK

PROJECT NO. TE-0955(9) ~ 71619

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS
3	ESTIMATE OF QUANTITIES
4	TRAFFIC CONTROL PLAN
5-9	PLAN SHEETS
10-12	MISCELLANEOUS DETAILS

The following Standard Drawings apply to this project :

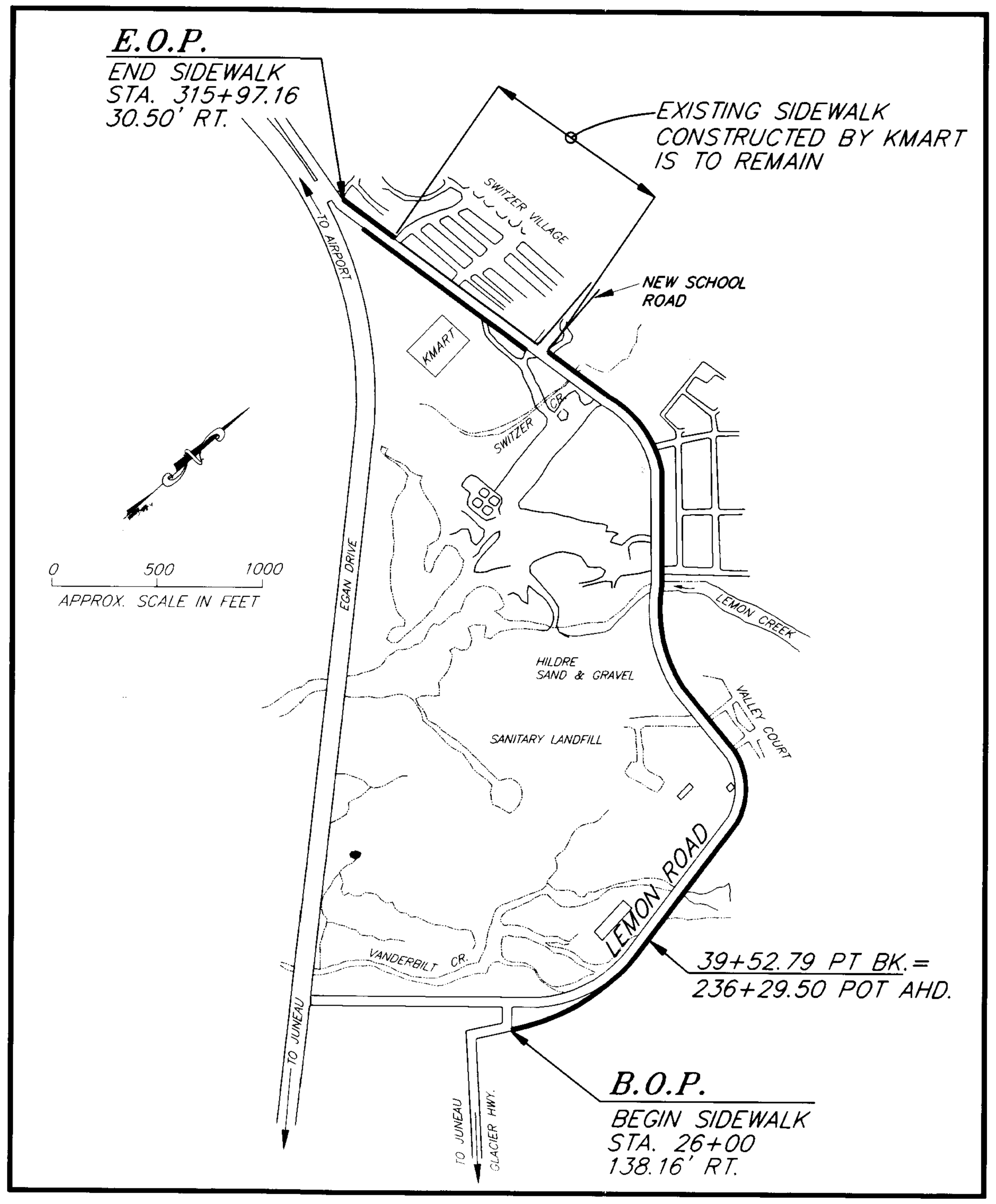
A-1, C-01.03, C-02.01, C-03.01, D-01.02, D-04.20, D-05.10, D-06.01, D-23.00, D-24.00, D-26.01, I-20.11, M-20.11, M-23.11, S-00.00, S-05.00, S-30.01

DESIGN DATA

LENGTH OF PROJECT = 9,320.45' (1.765 MILES)

AS-BUILT PLANS

CONTRACTOR : SECON INC.
ORIGINAL CONTRACT AMOUNT : $ 461,207.50
PROJECT ENGINEER : GREG BROWNING
START DATE : SEPTEMBER 12, 1995
END DATE : NOVEMBER 15, 1995



VICINITY MAP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN SECTION

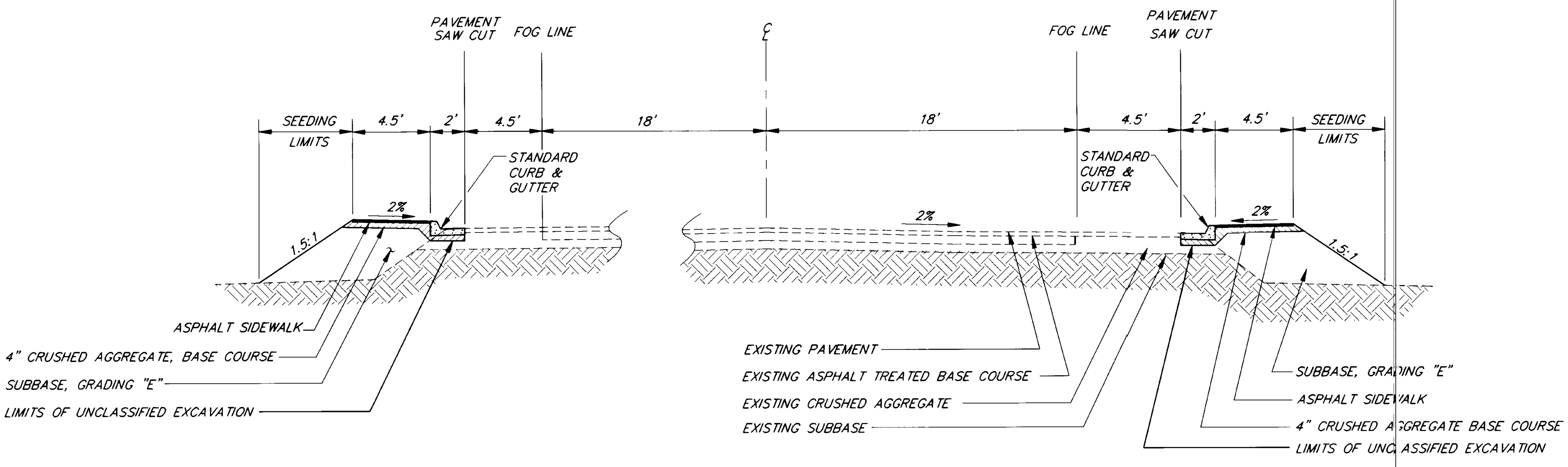
APPROVED ______ Date ______
Regional Preconstruction Engineer

APPROVED ______ Date ______
Director, S.E. Region Design & Construction

AS-BUILT
BY: B.A. DATE: 4-8-96

PROJECT NUMBER:	ENGINEER'S SEAL
71619	STATE OF ALASKA 49th TRACY W. MOORE CE-4932 REGISTERED PROFESSIONAL ENGINEER
DATE: JULY 1994	
SHEET 1 OF 12	

P:\JNU\71619\DR\TSHEET 1=1



LEFT SIDEWALK TYPICAL SECTION

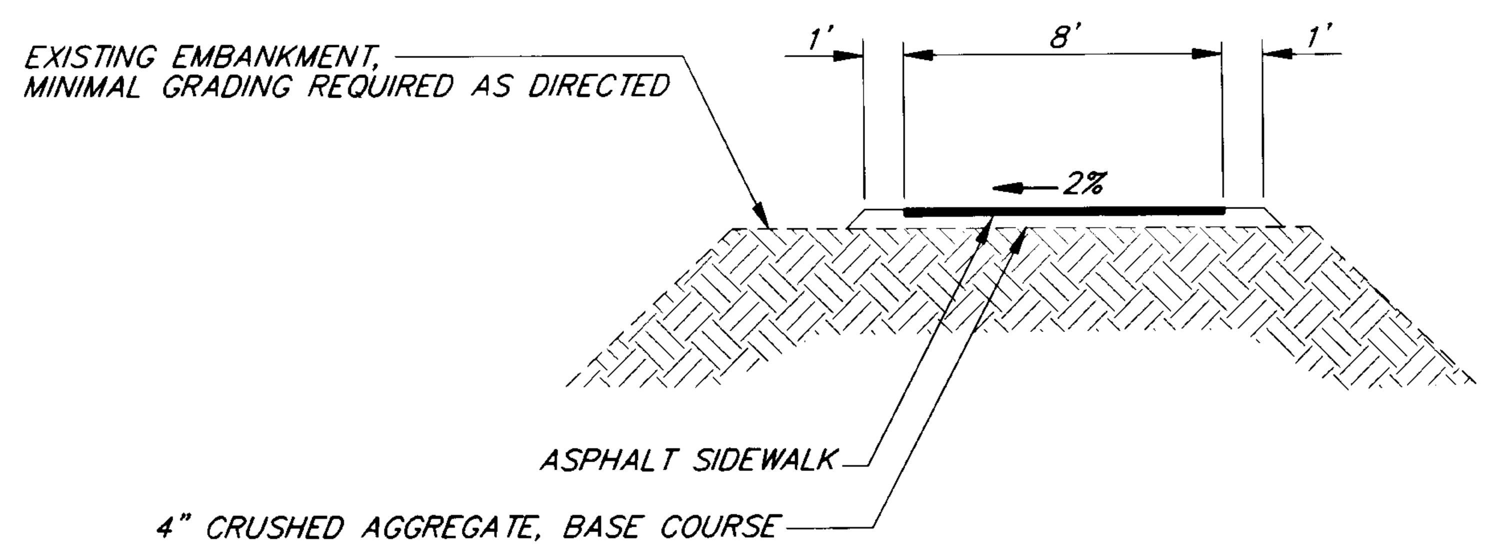
STA. 301+75 TO STA. 310+60

RIGHT SIDEWALK TYPICAL SECTION

STA. 30+15.05TO STA. 253+55.68
STA. 263+61.86 TO STA. 295+22.82
STA. 309+65.44 TO STA. 315+97.16

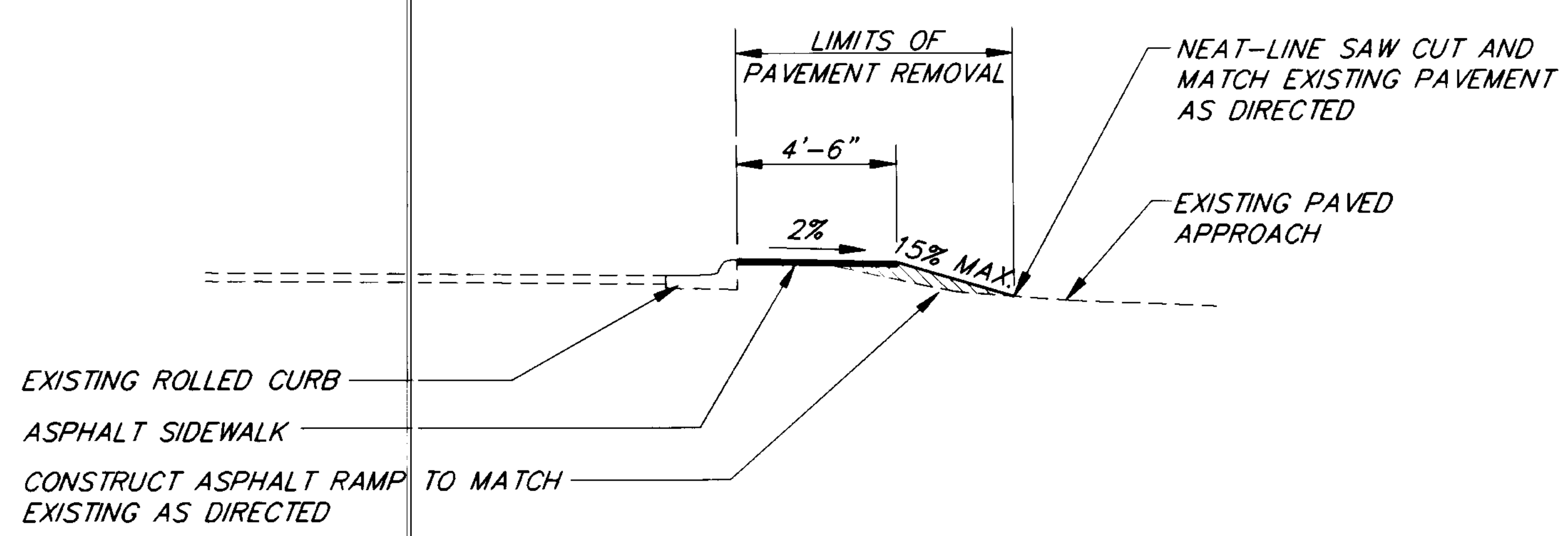
GENERAL NOTES

1. APPROACH, INLET, CULVERTS AND MANHOLE LOCATIONS ARE APPROXIMATE ONLY AND ARE SUBJECT TO MINOR FIELD REVISION.
2. GRADES AND ALIGNMENT AS SHOWN ON THE PLANS ARE SUBJECT TO MINOR REVISION.
3. CLEARING AND GRUBBING LIMITS SHALL BE TO THE SLOPE LIMITS.
4. ESTIMATED QUANTITY FOR CLEARING AND GRUBBING IS 1 ACRE.
5. ALL UNCLASSIFIED EXCAVATION IS CONSIDERED USEABLE MATERIAL QUALIFYING AS SUBBASE, GRADING "E".
6. CURB DRAINS SHALL BE LOCATED AT THE SAG VERTICAL CURVE P.I.'S AS SHOWN ON THE PLAN SHEETS, MINOR REVISIONS TO CURB DRAIN LOCATIONS MAY BE REQUIRED BY THE ENGINEER.
7. ALL SIGNS AND POSTS WITHIN THE CONSTRUCTION ZONE SHALL BE REMOVED, SALVAGED AND REINSTALLED AFTER COMPLETION OF THE SIDEWALK EMBANKMENT. "URBAN" DIMENSIONS FROM STD. DWG. S-03.00 SHALL BE USED.
8. ASPHALT SIDEWALK SHALL CONSIST OF 1 1/2" MINIMUM OF ASPHALT CONCRETE, TYPE II, CLASS "B" OR ASPHALT CONCRETE, TYPE III, CLASS "C".
9. MATTING SHALL BE PLACED ON ALL SLOPES WHICH ARE STEEPER THAN 1 1/2:1.
10. EXISTING PAVEMENT ON SHOULDERS IS APPROXIMATLY 3-4 INCHES THICK, BETWEEN THE FOG LINES THE PAVEMENT AND A.T.B. THICKNESS IS APPROXIMATLY 8-10 INCHES.



NOTE

FINISHED GRADE OF CURBLESS SIDEWALK IS TO FOLLOW EXISTING EMBANKMENT GRADE



CURBLESS SIDEWALK

STA. 26+00, 130' RT. TO 30+15, 32.0' RT.
(ALIGNMENT AND GRADE AS APPROVED BY THE PROJECT ENGINEER)

EXISTING ROLLED CURB TYPICAL SECTION

STA. 254+19.51, 31 RT. TO STA. 263+20.14, 31 RT.

AS BUILT DATE: 4-8-96

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

ENGINEER'S SEAL
STATE OF ALASKA 49th TRACY W. MOORE CE-4932 REGISTERED PROFESSIONAL ENGINEER

71619

PATH: P:\JNU\LEMPATH\DR\TYP 1=4		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — ALASKA
LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619
TYPICAL SECTIONS

DESIGNED BY: S. KREUZENSTEIN	PROJECT NO. 71619
DRAWN BY: C. BECKER	DATE: JULY 1994
CHECKED BY: T.W. MOORE	SHEET 2 OF 12

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	SHEET 5	SHEET 6	SHEET 7	SHEET 8	SHEET 9	TOTAL
120(1)	DBE ADJUSTMENT	CONT. SUM						ALL REQUIRED
201(3B)	CLEARING AND GRUBBING	LUMP SUM						ALL REQUIRED
202(10)	SINGLE MAILBOX INSTALLATION	EACH	1					~~1~~ ~~0~~
202(11)	MULTIPLE MAILBOX INSTALLATION	EACH		1	1			2
202(12)	DOUBLE MAILBOX INSTALLATION	EACH		1				1
203(11)	UNCLASSIFIED EXCAVATION	LUMP SUM						ALL REQUIRED
301(1)	CRUSHED AGGREGATE BASE COURSE	TON	280	310	280	310	250	~~1,430~~ 1994
304(1)	SUBBASE, GRADING "E"	TON	450	1730	1170	1300	450	~~5,100~~ 6776.2
509(1)	ROCKERY WALL AND ROCK SLOPE PROTECTION	LUMP SUM						ALL REQUIRED
								ALL REQUIRED
603(15-24)	24 INCH PIPE ELBOW	EACH		1	1	1	2	~~5~~ 2
603(17-18)	18 INCH PIPE	LINEAR FOOT	12					~~12~~ 395
603(17-24)	24 INCH PIPE	LINEAR FOOT		56	6	80	40	~~182~~ 520
603(17-36)	36 INCH PIPE	LINEAR FOOT				10		~~10~~ ~~0~~
603(17-48)	48 INCH PIPE	LINEAR FOOT					15	~~15~~ 10
603(20-48)	END SECTION FOR 48 INCH PIPE	EACH					2	~~2~~ ~~0~~
603(23)	CURB DRAIN	EACH	1	2	1	6	2	12
604(3)	RECONSTRUCT EXISTING MANHOLE	EACH			3			3
604(5)	INLET, TYPE "A"	EACH		1				~~1~~ 4
604(9)(3)	ADJUST EXISTING WATER VAULT LID	EACH		2	1	1	1	5
607(3)	6 FOOT CHAIN LINK FENCE	LINEAR FOOT						442
606(5)	REMOVAL & DISPOSAL OF GUARDRAIL	LINEAR FOOT	250		287.5	175		712.5
608(3)	ASPHALT SIDEWALK	SQUARE YARD	774.5	926	839	907.5	753	~~4200~~ 4230.3
609(2)	CURB AND GUTTER, TYPE STANDARD	LINEAR FOOT	811.5	1571.5	1058	1815	1084	~~6340~~ 5718
609(3)	CURB RAMP	EACH	9	9	7	8	7	~~40~~ 39
615(1)	STANDARD SIGNS	SQUARE FOOT					51	51
615(2)	REMOVE AND RELOCATE EXISTING SIGNS	EACH	6	6	6	7	7	32
618(1)	SEEDING	LUMP SUM		(APPROXIMATE QUANTITY = 1.0 ACRE)				ALL REQUIRED
619(2)	MATTING	SQUARE YARD		250		250		~~500~~ 1566
625(1)	PIPE HANDRAIL	LINEAR FOOT					120	120
633(1)	SILT FENCE	LINEAR FOOT						~~400~~ 481
640(1)	MOBILZATION AND DEMOBILZATION	LUMP SUM						ALL REQUIRED
641(1)	TEMPORARY EROSION AND POLLUTION CONTROL	CONT. SUM						ALL REQUIRED
642(1)	CONSTRUCTION SURVEYING	LUMP SUM						ALL REQUIRED
642(2)	THREE PERSON SURVEY PARTY	HOUR						~~10~~ ~~0~~
643(2)	TRAFFIC MAINTENANCE	LUMP SUM						ALL REQUIRED
643(3)	PERMANENT CONSTRUCTION SIGNING	LUMP SUM						ALL REQUIRED
643(4)	CONSTRUCTION SIGN	EACH/DAY						~~540~~ 422
643(5)	TYPE II BARRICADE	EACH/DAY						~~200~~ 362
643(7)	TRAFFIC CONE	EACH/DAY						~~1,800~~ 5076
643(15)	FLAGGING	HOUR						~~350~~ 262.5
660(3)	HIGHWAY LIGHTING SYSTEM, COMPLETE	LUMP SUM						ALL REQUIRED

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
301(1)	CRUSHED AGGREGATE BASE COURSE	1.96 TONS/CU. YD.
304(1)	SUBBASE GRADING "E"	1.80 TONS/CU. YD.
608(3)	ASPHALT SIDEWALK	116 LBS./S.Y./IN DEPTH; 6% ASPHALT CEMENT

SIGNING SUMMARY

SIGN NO.	STATION	OFFSET	CODE	LEGEND	SIZE	AREA	FACING	REMARKS
1	306+55	RT.	W11-2		36"X36"	9 SF	WB	
2	308+70	LT.	W11-2A		36"X36"	9 SF	WB	
3	308+70	LT.	W11-2A		36"X36"	9 SF	EB	MOUNT ON SAME POST AS SIGN 2-BACK TO BACK
4	309+75	RT.	R9-3A		18"X18"	2.25 SF	SB	
5	309+75	RT.	R9-3BL	← USE CROSSWALK	12"X18"	1.5 SF	SB	MOUNT BELOW 4
6	311+05	RT.	R9-3A		18"X18"	2.25 SF	SB	PLACE WHERE TRAIL EXITS THE WOODS WEST OF STREAM
7	311+05	RT.	R9-3BL	← USE CROSSWALK	12"X18"	1.5 SF	SB	MOUNT BELOW 6
8	311+09	LT.	R9-3A		18"X18"	2.25 SF	NB	
9	311+09	LT.	R9-3BR	USE → CROSSWALK	12"X18"	1.5 SF	NB	MOUNT BELOW 9
10	311+16	LT.	W11-2		36"X36"	9 SF	EB	
11	312+25	LT.	R9-3A		18"X18"	2.25 SF	NB	
12	312+25	LT.	R9-3BR	USE → CROSSWALK	12"X18"	1.5 SF	NB	MOUNT BELOW 11

1. SIGN LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO FIELD REVISION BY THE ENGINEER.
2. ALL SIGN POSTS SHALL BE NEW 2" GALVANIZED, PERFORATED STEEL TUBE WITH SLEEVE TYPE SOIL EMBEDMENT. SEE STD. DWG. S-30.01.
3. SIGN PANEL MOUNTING HEIGHT SHALL MEET THE EXPRESSWAY DIMENSION SHOWN ON STD. DWG. S-05.00.

AS-BUILT
BY: B.A. DATE: 4-8-96

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: P:\JNU\LEPATH\DR\EST 1=1

BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU ALASKA

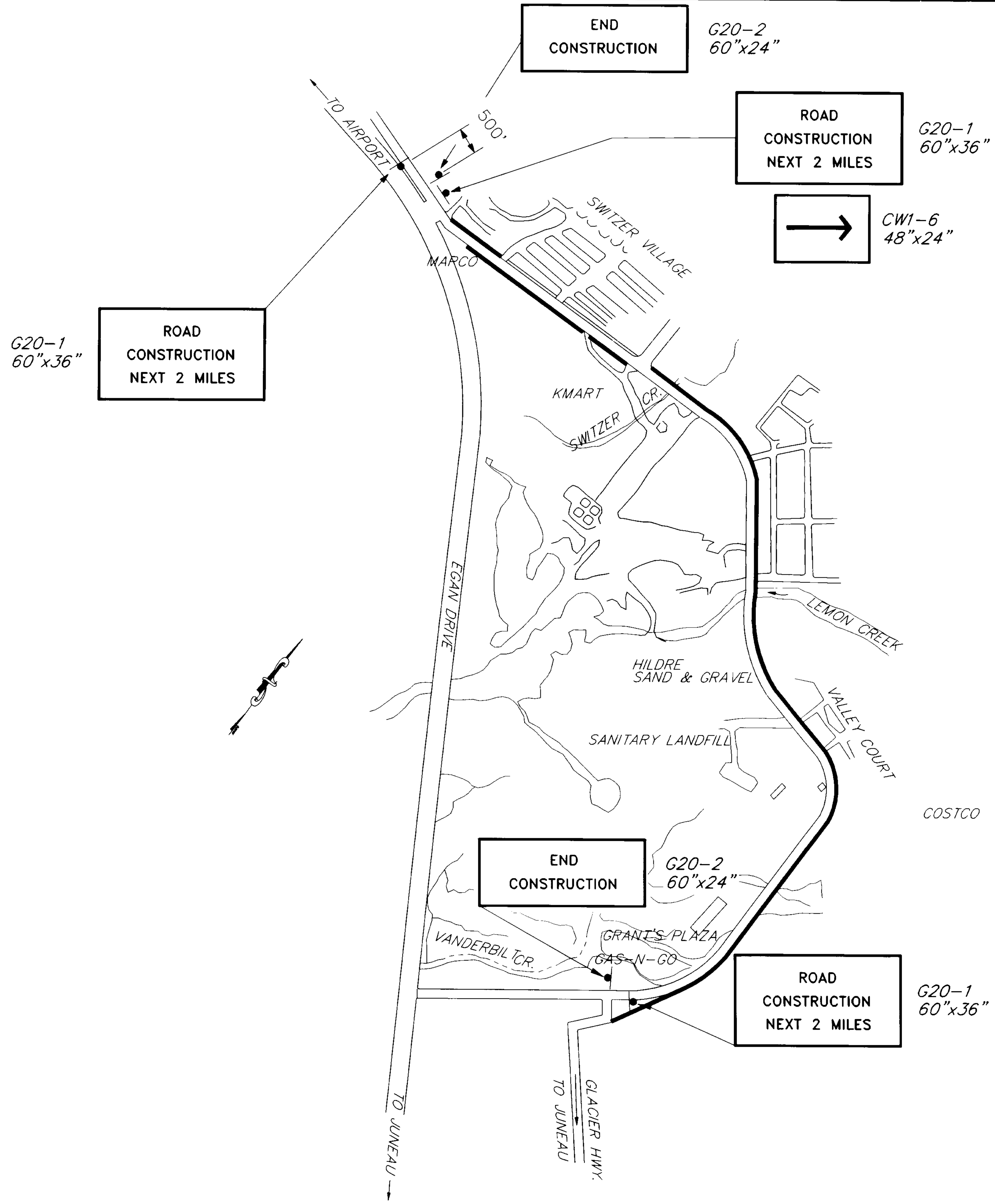
LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

ESTIMATE OF QUANTITIES

DESIGNED BY: S. KREUZENSTEIN
DRAWN BY: K. KLEMMETSON
CHECKED BY: T.W. MOORE

PROJECT NO. 71619
DATE: JULY 1994
SHEET 3 OF 12

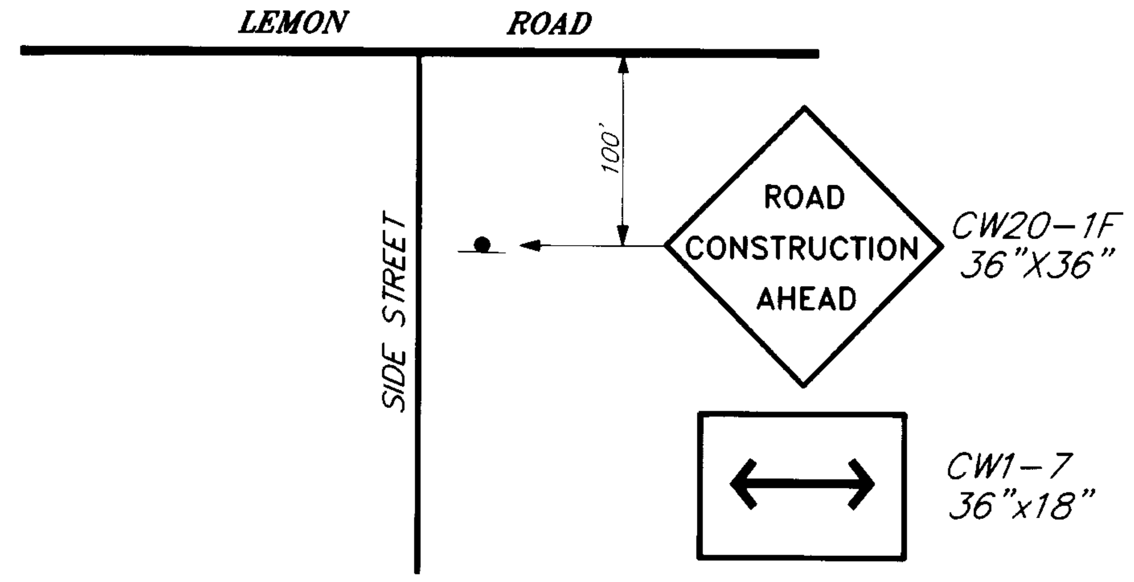
STATE OF ALASKA
49th
TRACY W. MOORE
CE-4932
REGISTERED PROFESSIONAL ENGINEER



NOTE:

ALL PERMANENT CONSTRUCTION SIGNING SHALL BE POST MOUNTED.

PERMANENT CONSTRUCTION SIGNING



STREET NAME	LOCATION
GLACIER HWY.	26+34, RT.
COOGAN DR.	34+76, RT.
ANKA ST.	254+31, RT.
DAVIS AVE.	270+02, RT.
BELARDI DR.	273+35, RT.
CENTRAL AVE.	279+84, RT.
ALAWAY AVE.	285+74, LT.
NORTHWOOD DR.	291+60, RT.
WHITEHEAD DR.	303+98, RT.
SCOTT DR.	309+62, RT.

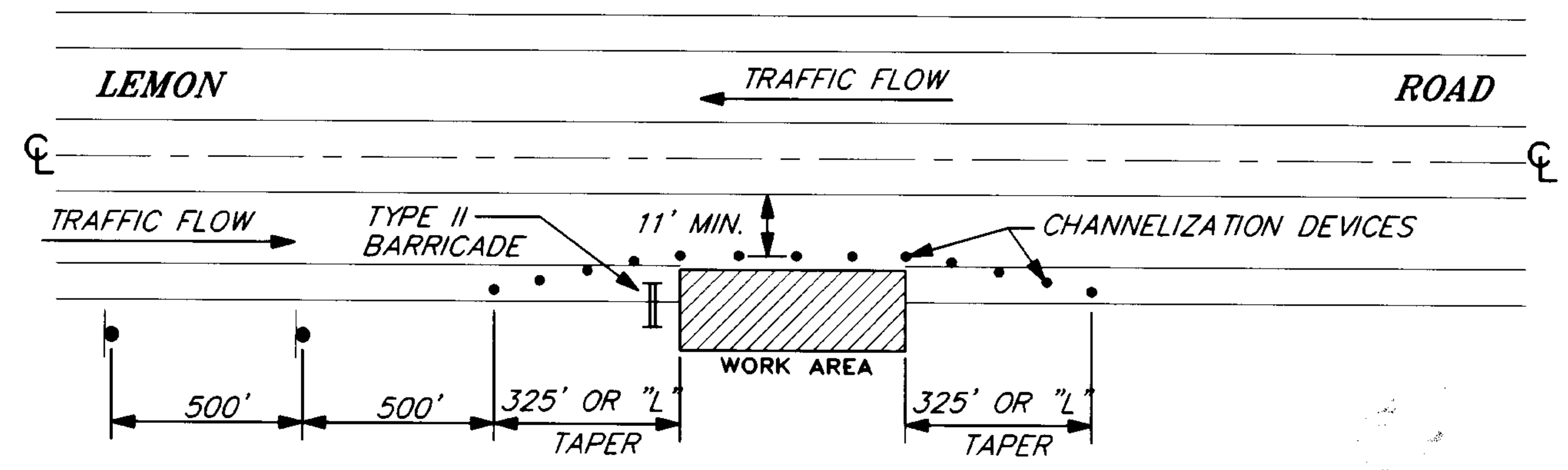
SIDE STREET
PERMANENT CONSTRUCTION SIGNING

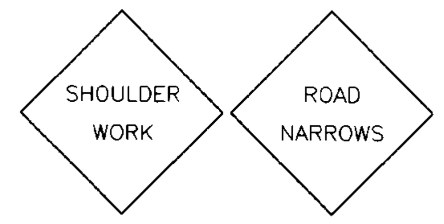
TRAFFIC CONTROL PLAN NOTES

1. WORK AREA SHALL BE RESTRICTED TO A MAXIMUM LENGTH OF 2500'
2. TAPER LENGTHS SHALL BE AS SHOWN FOR THE GIVEN OFFSETS. IF DIFFERENT OFFSETS ARE USED, TAPER LENGTHS SHALL BE COMPUTED USING THE FOLLOWING FORMULA:

$$L = S \times W$$

WHERE: L = MINIMUM LENGTH OF TAPER IN FEET
S = POSTED SPEED LIMIT
W = WIDTH OF OFFSET





CW21-5
36" x 36"

CW5-1
36" x 36"

SHOULDER WORK

AS BUILT
BY: B.A. DATE: 4-8-96

TYPICAL WORK ZONE TRAFFIC CONTROL

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

71619

PATH: P:\JNU\LEMPATH\DR\TCP 1=1

BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU

LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

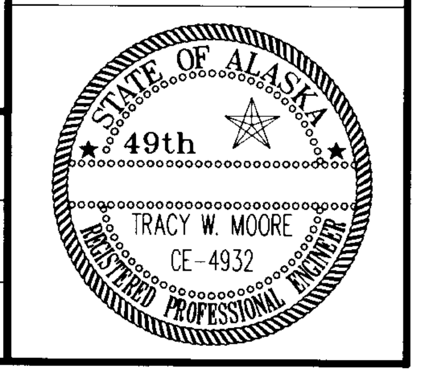
ALASKA

TRAFFIC CONTROL PLAN

DESIGNED BY: S. KREUZENSTEIN
DRAWN BY: R. SNYDER
CHECKED BY: T.W. MOORE

PROJECT NO. 71619
DATE: JULY 1994
SHEET 4 OF 12

ENGINEER'S SEAL



HORIZONTAL CONTROL

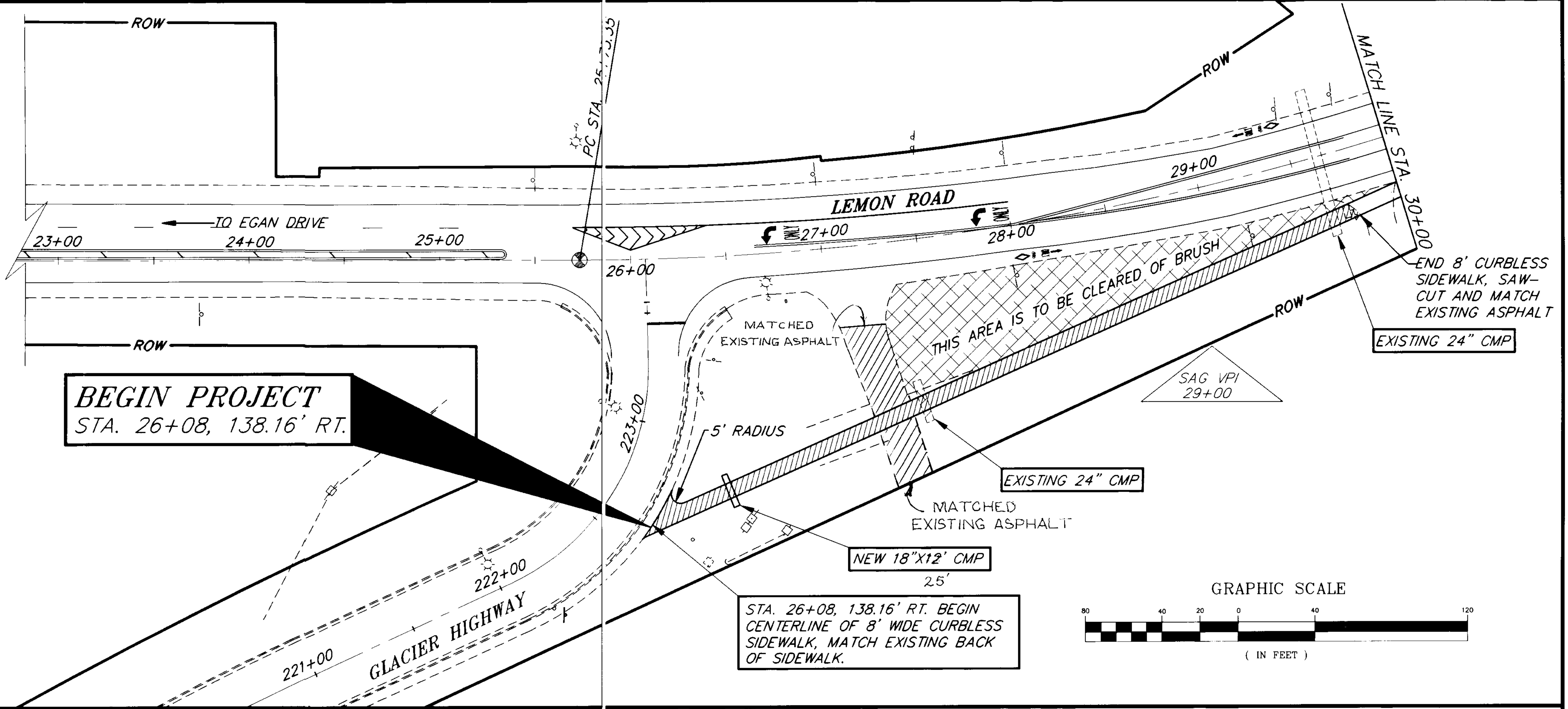
THE HORIZONTAL CONTROL FOR THIS PROJECT IS BASED ON A BEARING BETWEEN DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES TRIANGULATION MONUMENTS "SIDNEY AND "PETE". THE BASELINE BEARING IS N 02°20'21.5" W. THE STATE PLANE COORDINATES FOR "SIDNEY" ARE AS FOLLOWS: N 2379639.221
E 2520731.997

VERTICAL CONTROL

ALL EXISTING GRADES AND CROSS SLOPES SHALL BE UTILIZED TO BUILD THE TYPICAL SECTIONS CALLED FOR THROUGHOUT THE PROJECT.

LEGEND

- CONCRETE CURB RAMP, SEE DETAILS ON SHEET 10
- CONCRETE WHEELCHAIR RAMP INSTALLED IN EXISTING CURB GUTTER AND SIDEWALK
- NEW SIDEWALK AT EXISTING CURB & GUTTER
- NEW CURB, GUTTER AND SIDEWALK
- CURBLESS SIDEWALK



AS-BUILT
BY: B.A. DATE: 4-8-96

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

7/619

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BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU ALASKA
LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

B.O.P. STA. "O" 26+00 TO STA. "O" 236+75

DESIGNED BY: S. KREUZENSTEIN
DRAWN BY: R. SNYDER
CHECKED BY: T.W. MOORE

PROJECT NO. 71619
DATE: JULY 1994
SHEET 5 OF 12

ENGINEER'S SEAL
STATE OF ALASKA
49th
TRACY W. MOORE
CE-4932
REGISTERED PROFESSIONAL ENGINEER

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

11619

PATH: P:\JNU\LEMPATH\DR\P23675 1=40

BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU ALASKA

LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

STA. "O" 236+75 TO STA. "O" 257+00

DESIGNED BY: S. KREUZENSTEIN
DRAWN BY: R. SNYDER
CHECKED BY: T.W. MOORE

PROJECT NO. 71619
DATE: JULY 1994
SHEET 6 OF 12

ENGINEER'S SEAL
STATE OF ALASKA 49th TRACY W. MOORE CE-4932 REGISTERED PROFESSIONAL ENGINEER

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

ENGINEER'S SEAL
STATE OF ALASKA
49th
TRACY W. MOORE
CE-4932
REGISTERED PROFESSIONAL ENGINEER

PATH: P: \JNU\LEMPATH\DR\P25700 1=40		
BY:	DATE:	DESCRIPTION OF CHANGE:

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU ALASKA
LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

STA. "O" 257+00 TO STA. "O" 277+00

DESIGNED BY: S. KREUZENSTEIN
DRAWN BY: R. SNYDER
CHECKED BY: T.W. MOORE

PROJECT NO. 71619
DATE: JULY 1994
SHEET 7 OF 12

RAISED ISLAND POINT SUMMARY

POINT	STATION	OFFSET	DESCRIPTION
1	286+27.40	0.64' LT.	END 1.5' RADIUS, BEGIN 43.0' RADIUS
2	286+45.82	3.50' RT.	END 43.0' RADIUS
3	286+47.55	3.50' RT.	BEGIN RAMP TRANSITION
4	286+57.55	26.00' RT.	MIDPOINT OF 4' WIDE WHEELCHAIR RAMP
5	286+67.55	3.50' RT.	END RAMP TRANSITION
6	286+85.21	3.50' RT.	BEGIN 1.5' RADIUS
7	286+85.76	0.60' RT.	END 1.5' RADIUS, BEGIN 59.5' RADIUS
8	286+67.55	3.40' LT.	ON 59.5' RADIUS, BEGIN RAMP TRANSITION
9	286+64.04	3.50' LT.	END 59.5' RADIUS
10	286+57.55	26.00' LT.	MIDPOINT OF 4' WIDE WHEELCHAIR RAMP
11	286+47.55	3.50' LT.	END RAMP TRANSITION
12	286+28.04	3.50' LT.	BEGIN 1.5' RADIUS

NOTE: ALL POINTS ARE AT BACK OF CURB

PATH: P:\JNU\LEMPATH\DR\P27700 1=40

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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — ALASKA

LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

STA. "O" 277+00 TO STA. "O" 296+50

DESIGNED BY: S. KREUZENSTEIN
DRAWN BY: R. SNYDER
CHECKED BY: T.W. MOORE

PROJECT NO. 71619
DATE: JULY 1994
SHEET 8 OF 12

ENGINEER'S SEAL
STATE OF ALASKA 49th TRACY W. MOORE CE-4932 REGISTERED PROFESSIONAL ENGINEER

NOTE: DO NOT SCALE FROM THESE PLANS–USE DIMENSIONS

RAISED ISLAND POINT SUMMARY

POINT	STATION	OFFSET	DESCRIPTION
1	308+58.80	0.60' LT.	END 1.5' RADIUS, BEGIN 59.5' RADIUS
2	308+77.00	3.40' RT.	ON 59.5' RADIUS, BEGIN RAMP TRANSITION
3	308+80.51	3.50' RT.	END 59.5' RADIUS
4	308+87.00	26.00' RT.	MIDPOINT OF 4' WIDE WHEELCHAIR RAMP
5	308+97.00	3.50' RT.	END RAMP TRANSITION
6	309+16.51	3.50' RT.	BEGIN 1.5' RADIUS
7	309+17.15	0.64' RT.	END 1.5' RADIUS, BEGIN 43.0' RADIUS
8	308+98.73	3.50' LT.	END 43.0' RADIUS
9	308+97.00	3.50' LT.	BEGIN RAMP TRANSITION
10	308+87.00	26.00' LT.	MIDPOINT OF 4' WIDE WHEELCHAIR RAMP
11	308+77.00	3.50' LT.	END RAMP TRANSITION
12	308+59.34	3.50' LT.	BEGIN 1.5' RADIUS

NOTE: ALL POINTS ARE AT BACK OF CURB

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: P:\JNU\LEMPATH\DR\P29650 1=40

BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — ALASKA

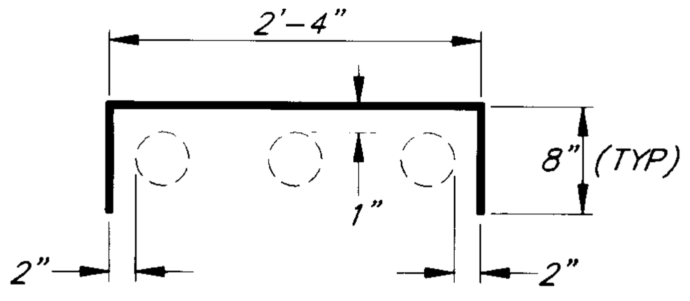
LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

STA. "O" 296+50 TO E.O.P.

DESIGNED BY: S. KREUZENSTEIN
DRAWN BY: R. SNYDER
CHECKED BY: T.W. MOORE

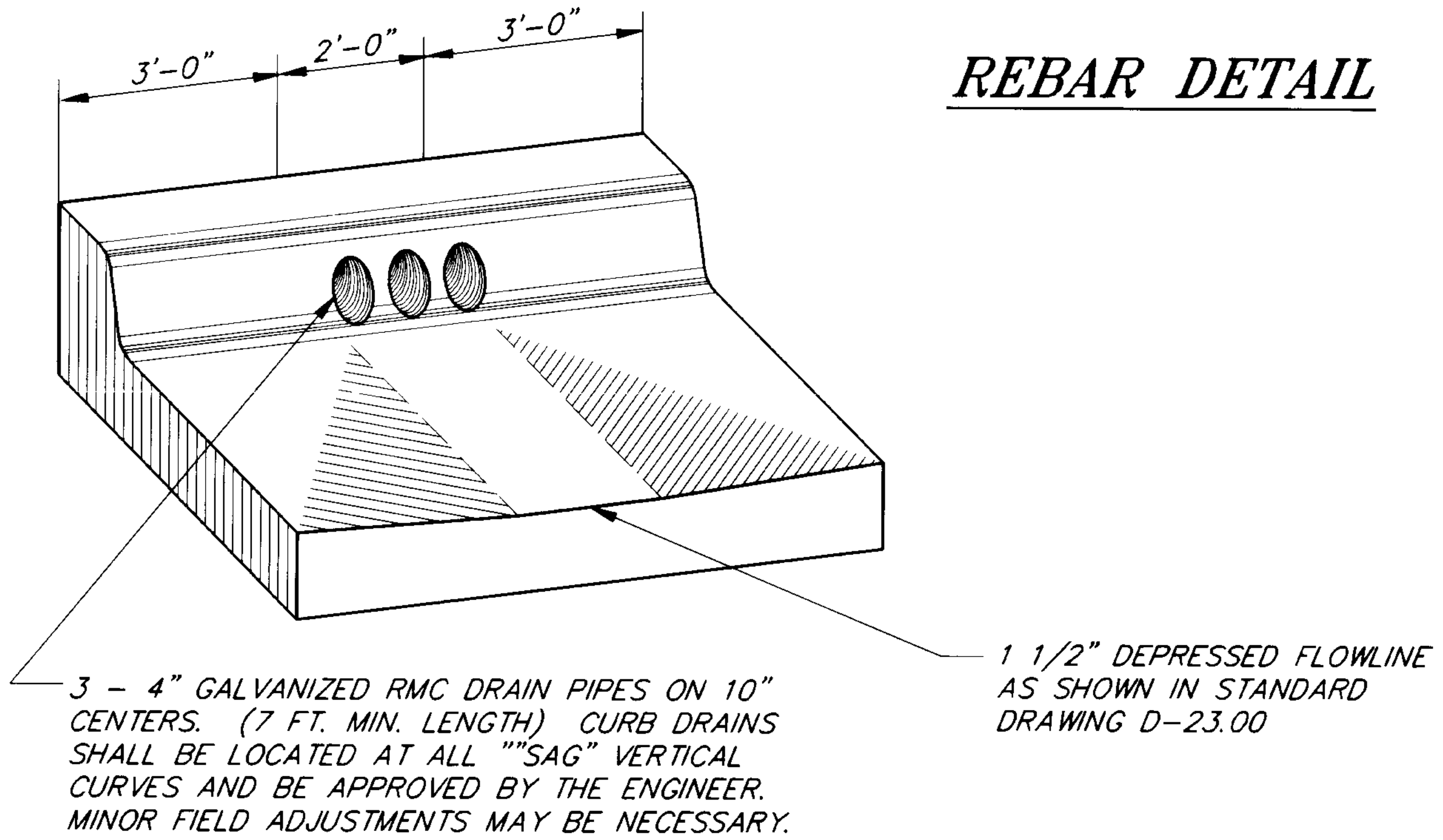
PROJECT NO. 71619
DATE: JULY 1994
SHEET 9 OF 12

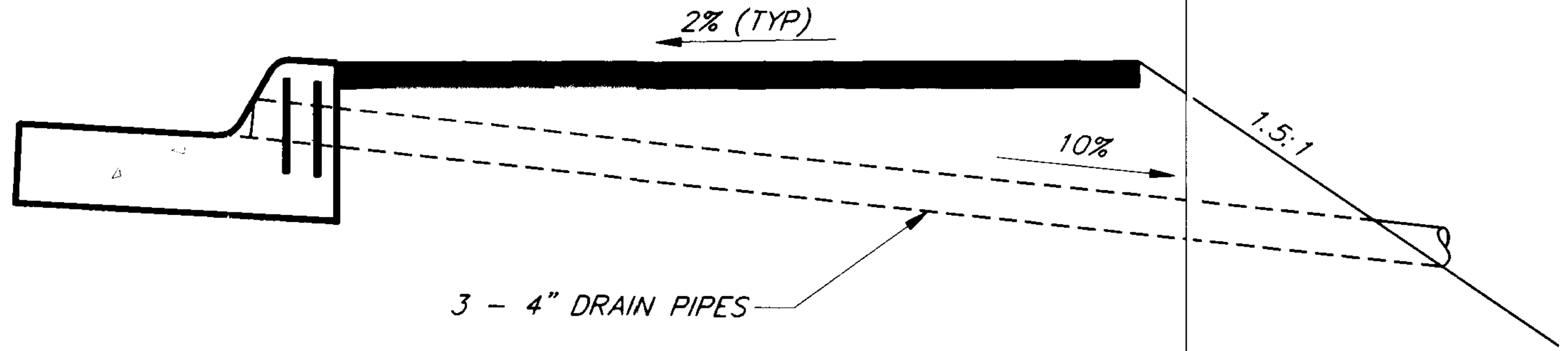
ENGINEER'S SEAL
STATE OF ALASKA
49th
TRACY W. MOORE
CE-4932
REGISTERED PROFESSIONAL ENGINEER



REBAR DETAIL

REBAR NOTE:
2-NO. 4, GRADE 50 REBARS SHALL BE PLACED AS SHOWN FOR EACH CURB DRAIN. 2 INCHES OF CLEARANCE FROM THE DRAIN PIPES SHALL BE MAINTAINED ON ALL SIDES.

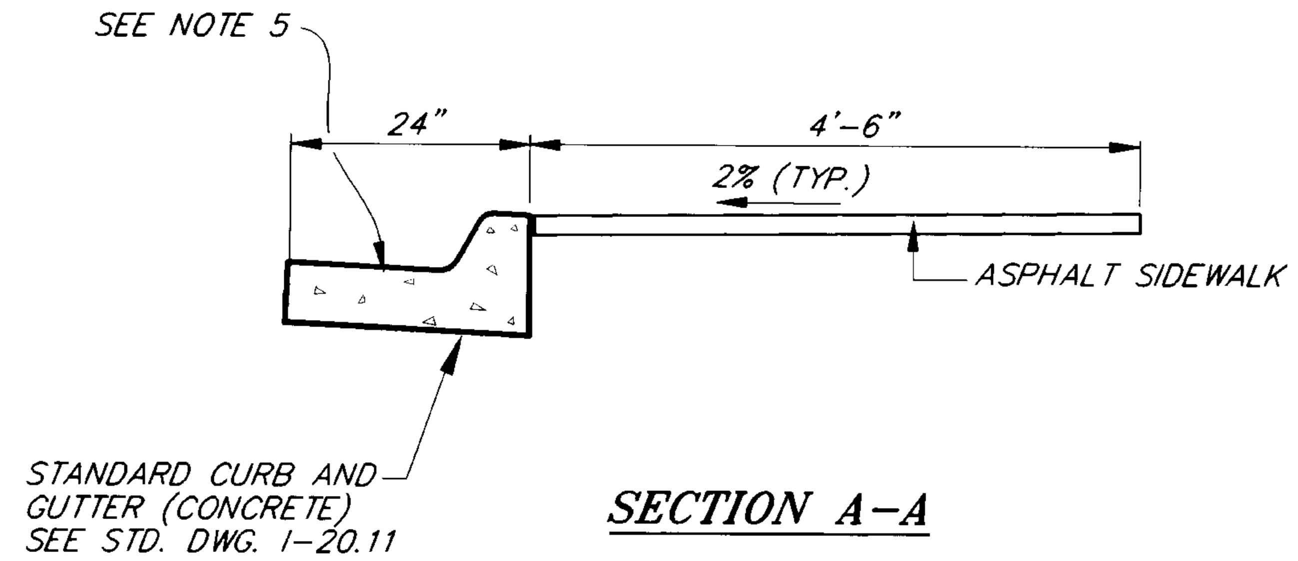




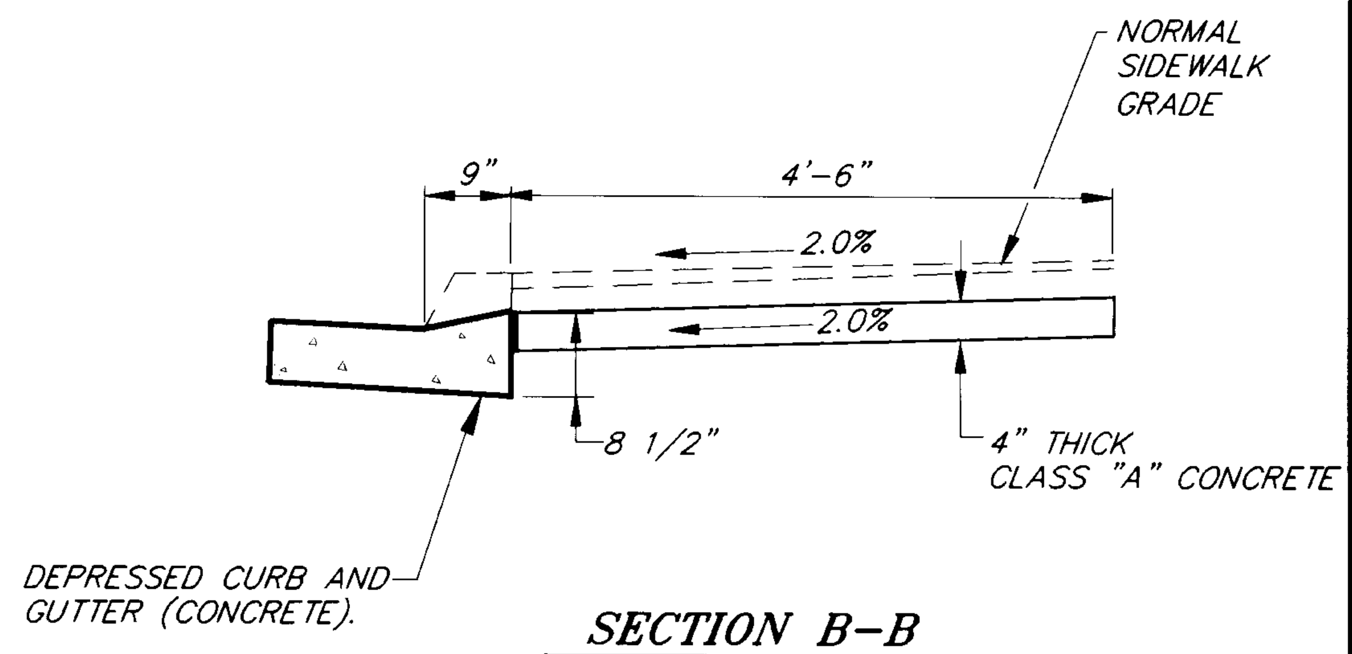
CURB DRAIN DETAILS

SIDEWALK, CURB AND GUTTER NOTES

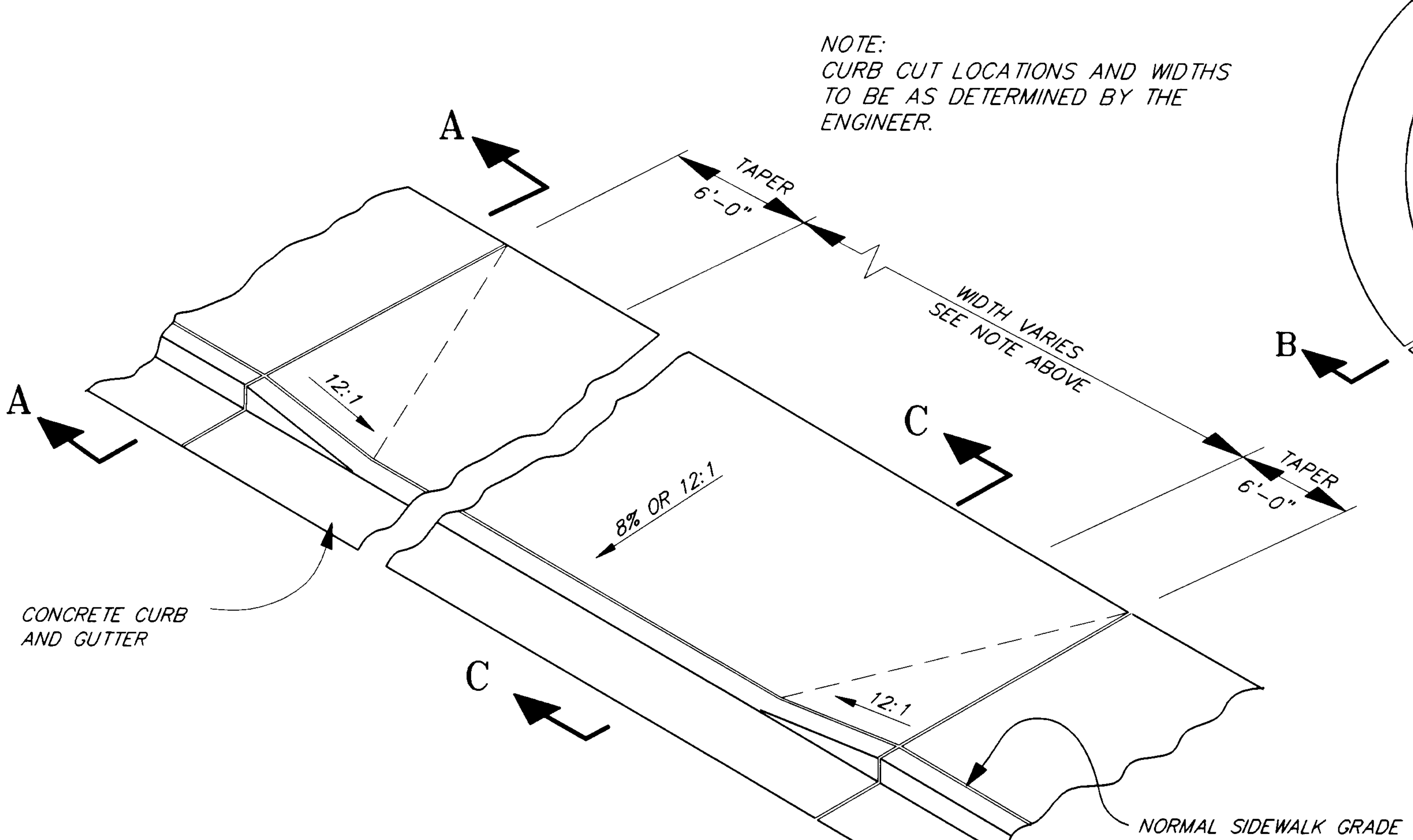
1. CURB AND GUTTER EXPANSION JOINTS SHALL BE AT EACH END OF CURB RETURNS AND CURB CUTS. SPACING SHALL BE AT 30'-0" MAX. INTERVALS.
2. ALL CURB AND GUTTERS SHALL BE CLASS "A" CONCRETE.
3. CURB CUTS FOR RESIDENTIAL DRIVEWAYS AND CURB RETURNS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE SLOPE OF 12:1.
4. DUMMY JOINTS SHALL EXTEND INTO THE CONCRETE 2" AND BE 1/8" WIDE ON TEN FOOT CENTERS.
5. WHERE THERE IS SUPERELEVATION 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.



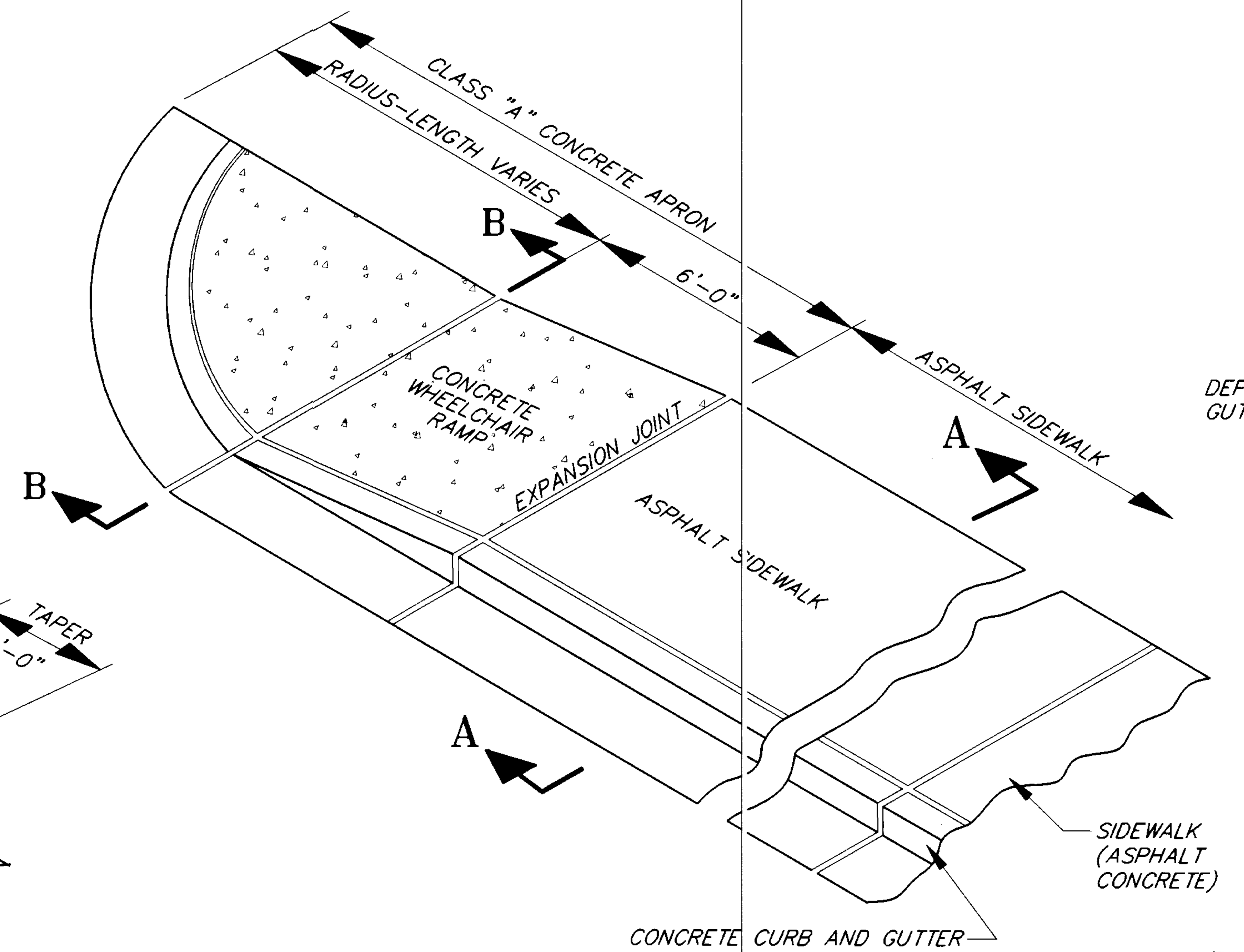
SECTION A-A



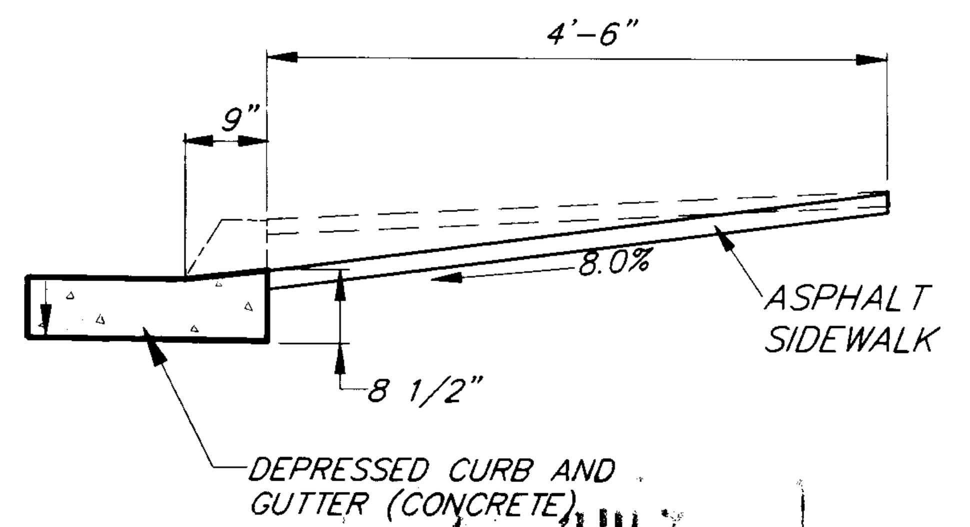
SECTION B-B
CURB RETURNS



CURB CUT DETAIL



TYPICAL SIDEWALK, CURB & GUTTER DETAILS



SECTION C-C
DEPRESSED CURB

AS-BUILT
BY: B.A. DATE: 4-8-96

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: P:\JNU\LEMPATH\DR\DETAIL1 1=1		
BY:	DATE:	DESCRIPTION OF CHANGE:
RECORD OF REVISIONS		

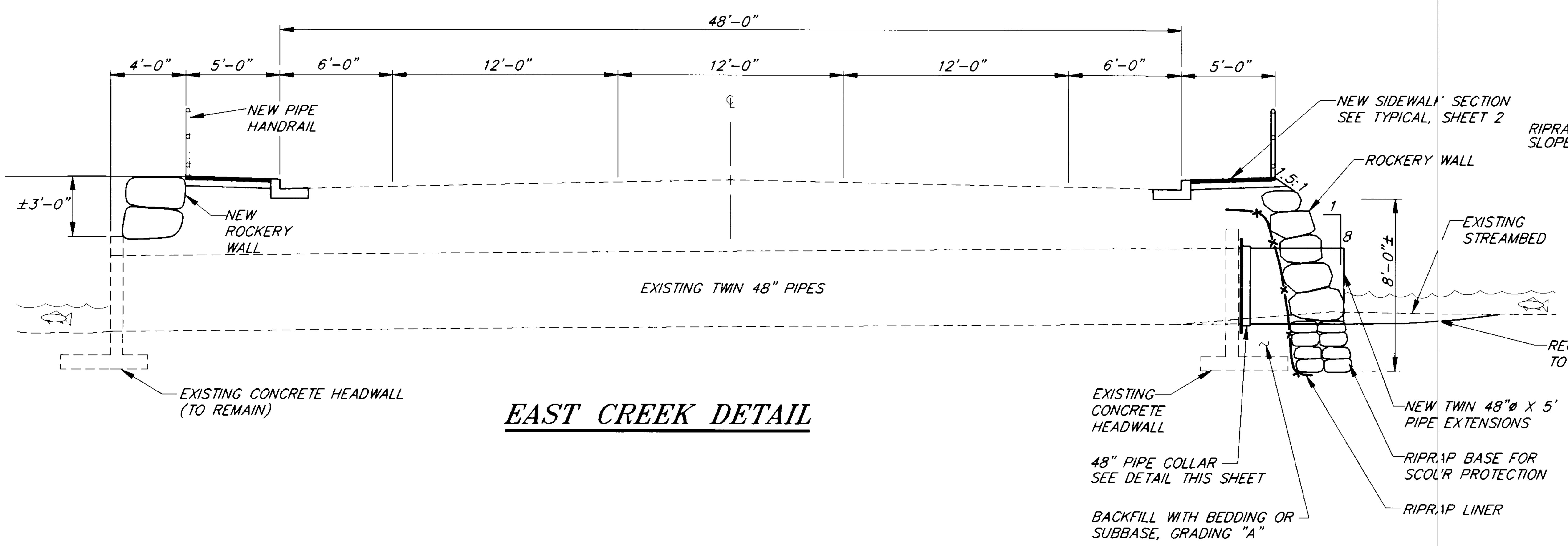
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU ALASKA
LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

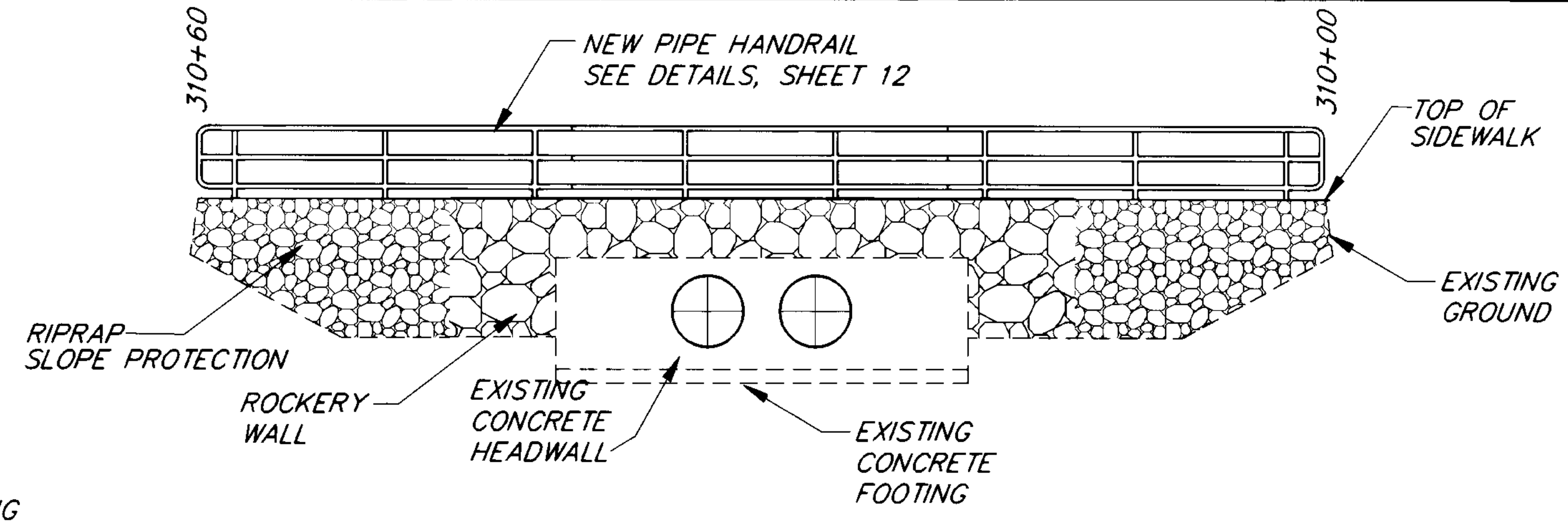
SIDEWALK DETAILS

DESIGNED BY: S. KREUZENSTEIN	PROJECT NO. 71619
DRAWN BY: R. SNYDER	DATE: JULY 1994
CHECKED BY: T.W. MOORE	SHEET 10 OF 12

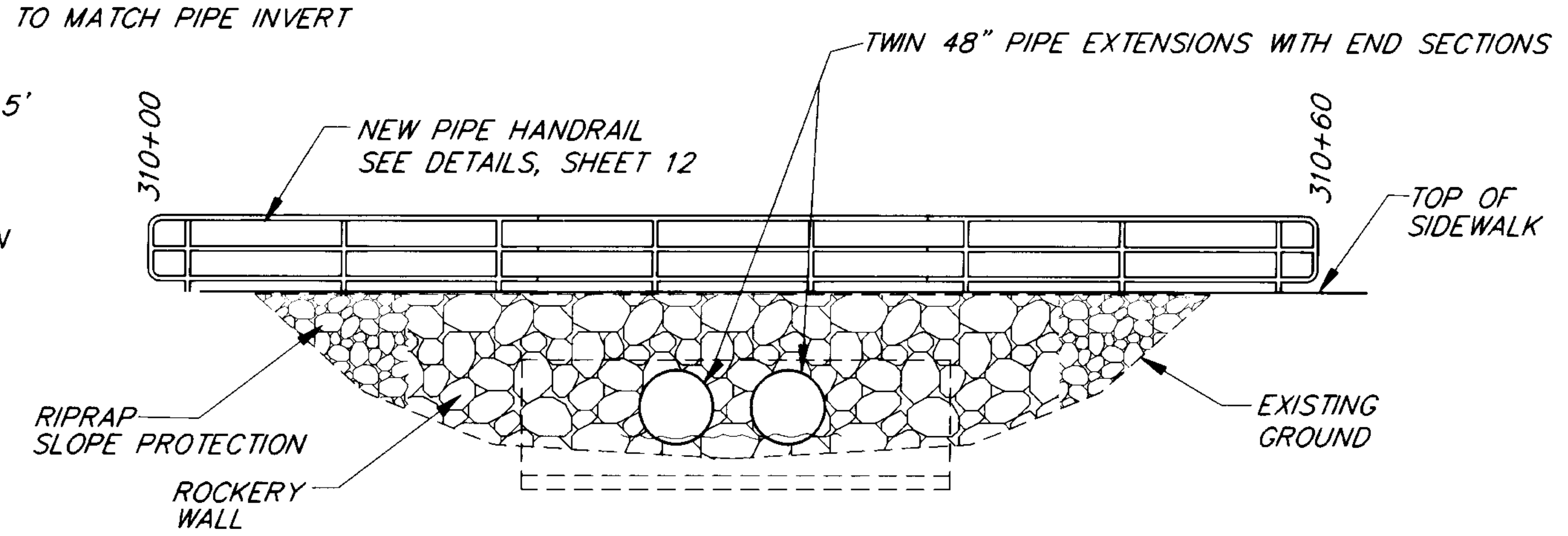
ENGINEER'S SEAL



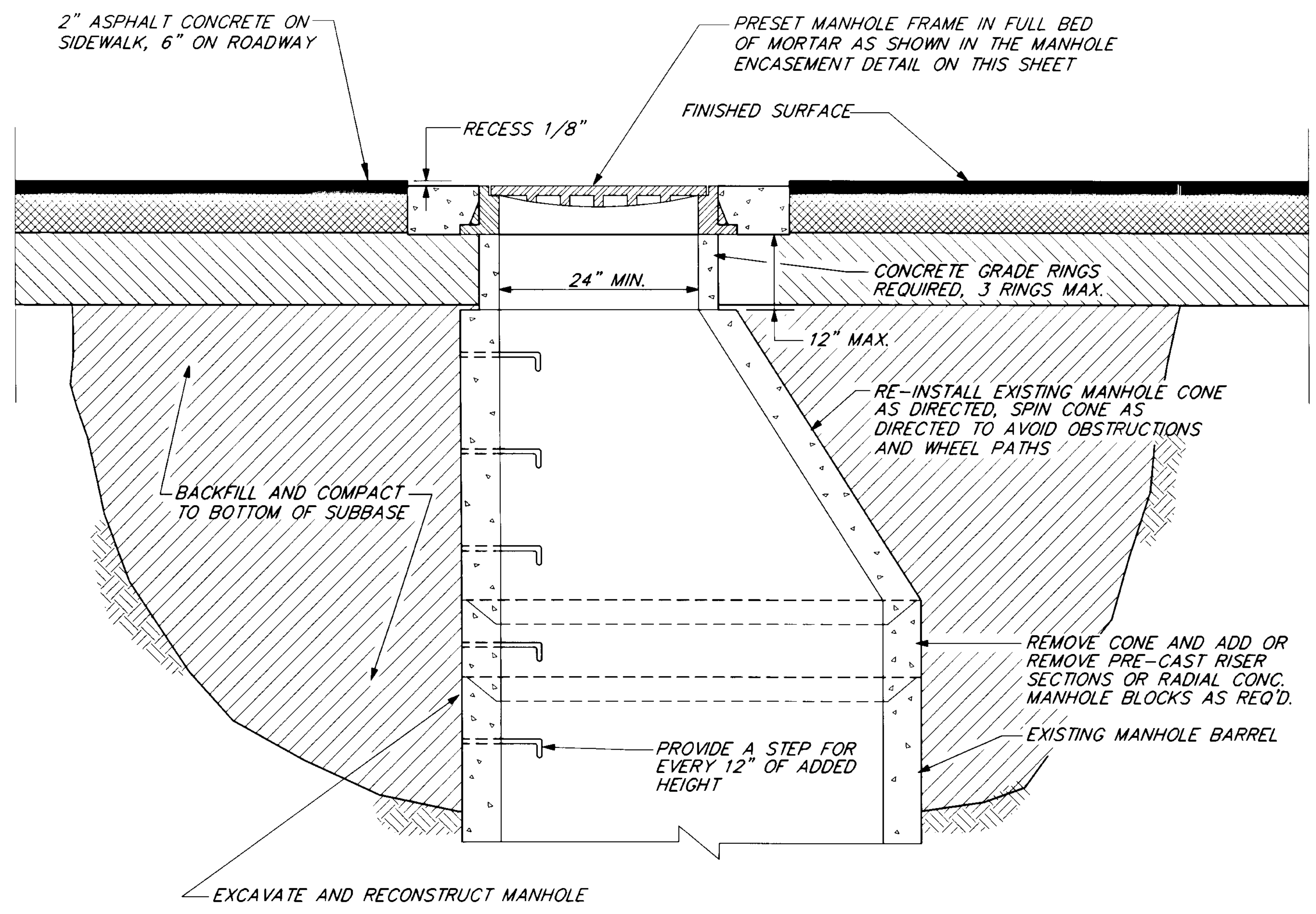
EAST CREEK DETAIL



EAST CREEK - ROCKERY WALL LEFT SIDE (DOWNSTREAM)

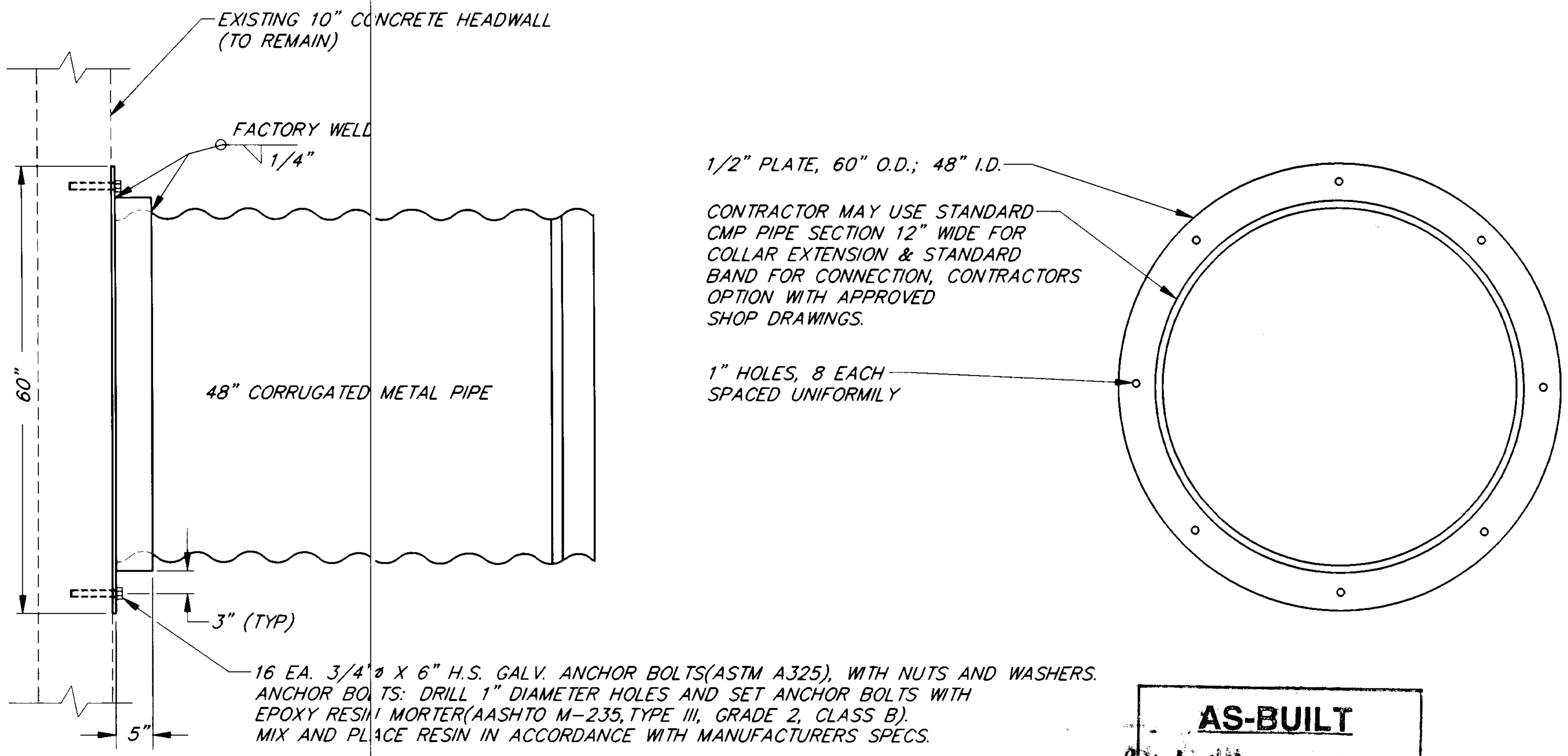


EAST CREEK - ROCK SLOPE PROTECTION RIGHT SIDE (UPSTREAM)



MANHOLE RECONSTRUCTION DETAIL

NOTE: PAVEMENT SAW-CUTS SHALL BE SUBSIDIARY TO ITEM 604(3).



AS-BUILT
BY: BA DATE: 4-8-96

48" PIPE AND COLLAR (PRE-FABRICATED)

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

ENGINEER'S SEAL
STATE OF ALASKA 49th TRACY W. MOORE CE-4932 REGISTERED PROFESSIONAL ENGINEER

PATH: P:\JNU\LEMPATH\DR\DETAIL4 1=4

BY:	DATE:	DESCRIPTION OF CHANGE:

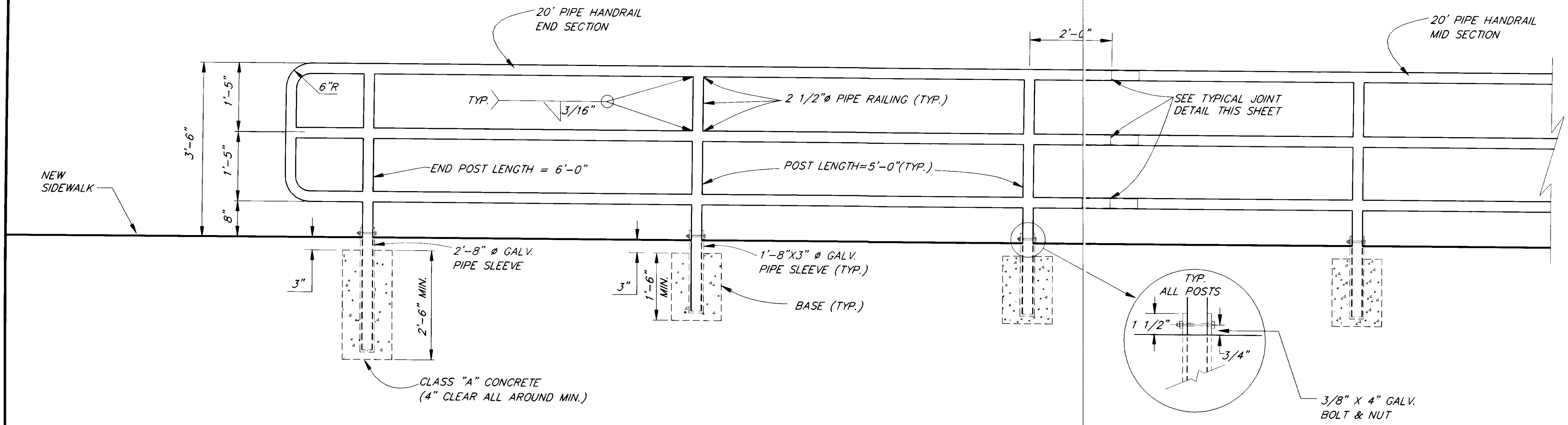
RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

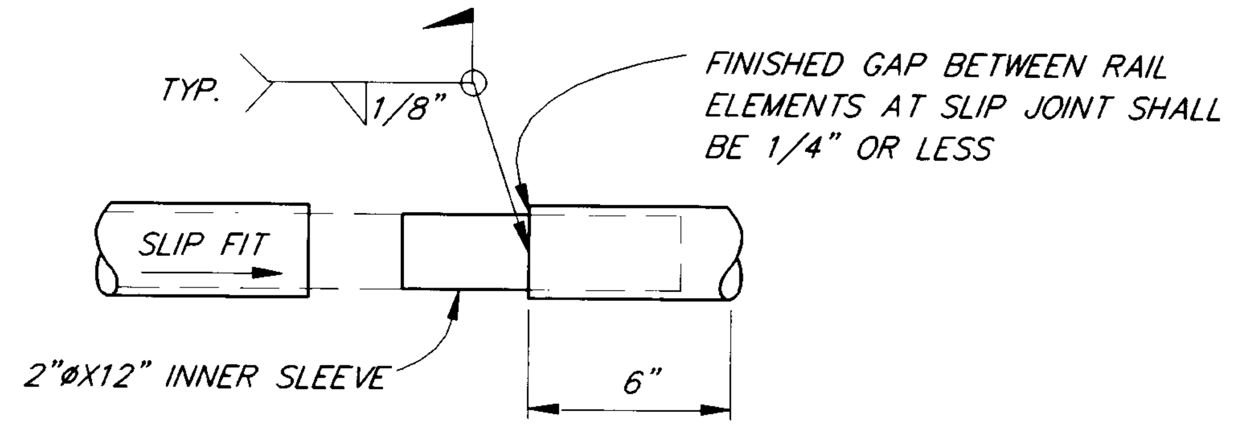
JUNEAU — LEMON ROAD SIDEWALK — ALASKA
PROJECT NO. TE-0955(9) 71619

EAST CREEK DETAILS

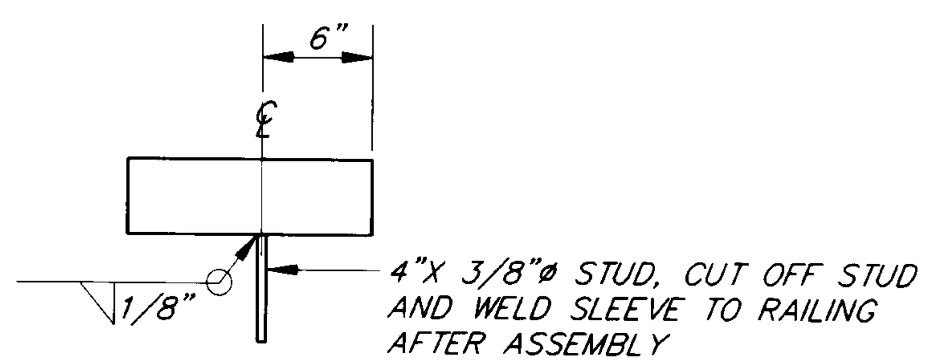
DESIGNED BY: S. KREUZENSTEIN	PROJECT NO. 71619
DRAWN BY: R. SNYDER	DATE: JULY 1994
CHECKED BY: T.W. MOORE	SHEET 11 OF 12



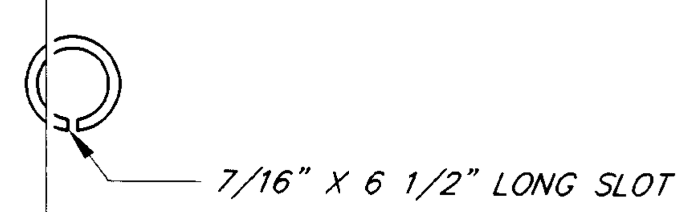
PIPE HANDRAIL DETAILS



TYPICAL SLEEVE JOINT DETAIL



TYPICAL 2"ø X 12" INNER SLEEVE



SECTION A-A

TYPICAL ENDS ON ALL MIDSECTIONS

PIPE HANDRAIL NOTES:

1. PIPE HANDRAIL SECTIONS MAY BE CUT AND POST SPACING MAY VARY AS DIRECTED BY THE ENGINEER.
2. PIPE HANDRAIL IS TO BE INSTALLED AT THE BACK OF SIDEWALK FROM STA. 310+00 TO STA. 310+60 BOTH LEFT AND RIGHT.

AS-BUILT
BY: B.A. DATE: 4-8-96

ENGINEER'S SEAL
STATE OF ALASKA 49th TRACY W. MOORE CE-4932 REGISTERED PROFESSIONAL ENGINEER

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: P:\JNU\LEMPATH\DR\DETAIL3 1=1

BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — ALASKA
LEMON ROAD SIDEWALK
PROJECT NO. TE-0955(9) 71619

PIPE HANDRAIL DETAILS

DESIGNED BY: S. KREUZENSTEIN	PROJECT NO. 71619
DRAWN BY: R. SNYDER	DATE: JULY 1994
CHECKED BY: T.W. MOORE	SHEET 12 OF 12