

- (N) = W8 x 18
- (P) = W12 x 16
- (R) = W12 x 19
- (S) = (2) L 3 1/2 x 2 1/2 x 1/4
- (T) = (2) L 3 x 2 x 3/16
- (W) = W24 x 55

PARTIAL PRIMARY FRAMING AT LINE 1A

SUBMITTAL REVIEW	
<input type="checkbox"/>	APPROVED
<input type="checkbox"/>	OTHER:
<input checked="" type="checkbox"/>	APPROVED AS NOTED
<input type="checkbox"/>	RETURN FOR RESUBMITTAL
<input type="checkbox"/>	DISAPPROVED - SEE REMARKS

Review is only for conformance with the design concept and with the information given in the contract documents. The contractor remains responsible for compliance with all requirements of the contract documents.

FRANK J. SHORT • BRIDGE ENGINEER, P.E.
 By: LIL Date: APR 20 1994
 SUBMITTAL 15-1126-13120A-02-02

NO.	REVISION	MADE	CHK'D	DATE
A	FOR APPROVAL	LMC		3/94



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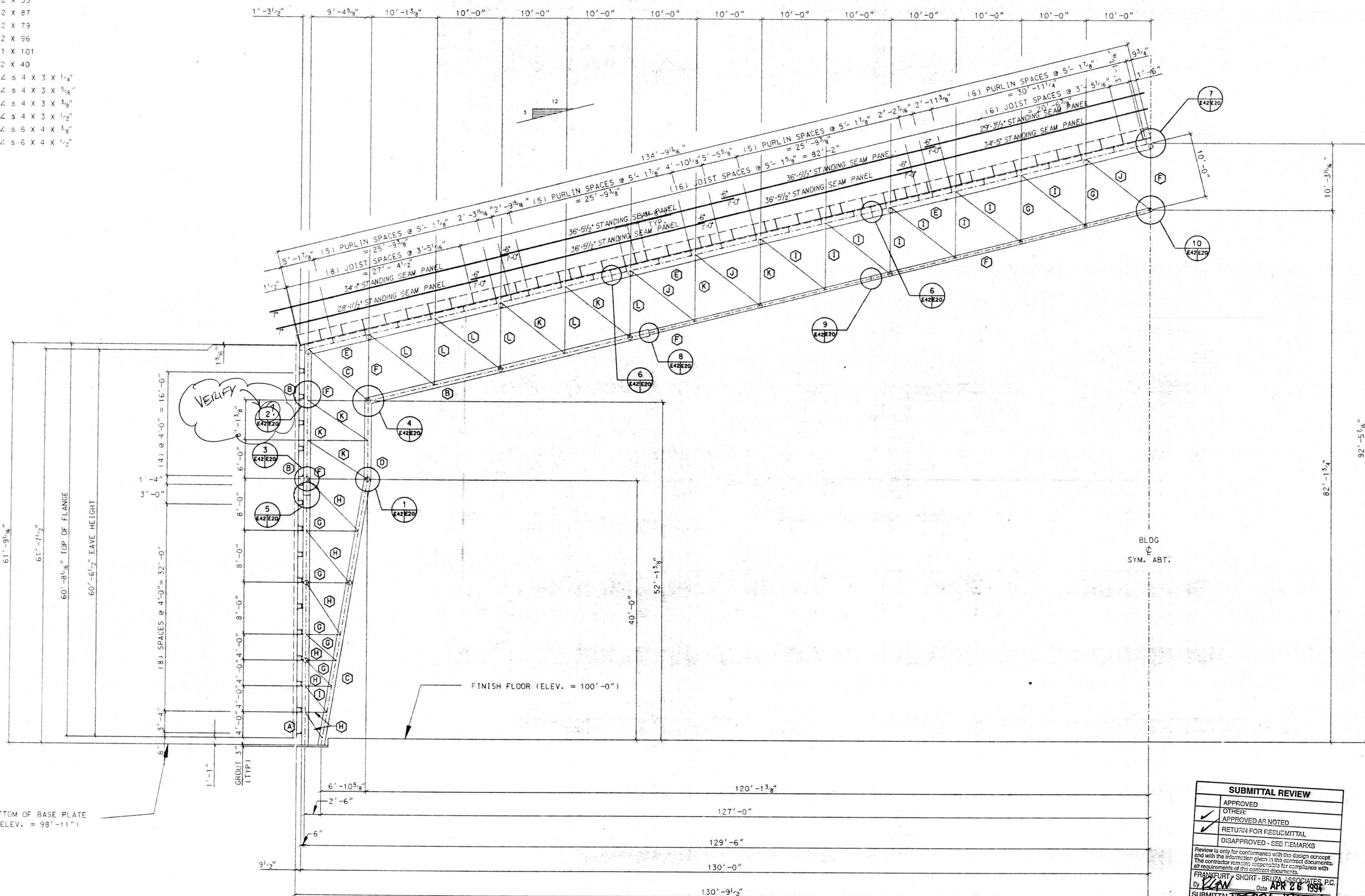
Builder: Seattle Construction Services, Inc.
 Owner: Alaska Industrial Development and Export Authority
 Building: Line Maintenance Hangar
 Location: Anchorage, Alaska

DRAWN BY: LMC JOB NO.: 51-9290
 CHECKED BY: DATE 2/94 DWG. E19



BOTTOM OF BASE PLATE (ELEV. = 98'-11") MAR 24 1994

- (A) W12 X 53
- (B) W12 X 87
- (C) W12 X 73
- (D) W12 X 96
- (E) W21 X 101
- (F) W12 X 40
- (G) 2 L S 4 X 3 X 1/4"
- (H) 2 L S 4 X 3 X 5/16"
- (I) 2 L S 4 X 3 X 3/8"
- (J) 2 L S 4 X 3 X 1/2"
- (K) 2 L S 6 X 4 X 3/8"
- (L) 2 L S 6 X 4 X 1/2"



HALF CROSS SECTION FOR LINE 14

SUBMITTAL REVIEW	
APPROVED	<input type="checkbox"/>
OTHER:	<input type="checkbox"/>
APPROVED AS NOTED	<input checked="" type="checkbox"/>
RETURN FOR RESUBMITTAL	<input type="checkbox"/>
DISAPPROVED - SEE REMARKS	<input type="checkbox"/>

Review is only for conformance with the design concept and with the information given in the contract documents. The contractor remains responsible for compliance with all requirements of the contract documents.

FRANKFURT SHORT - BRUZA ASSOCIATES, P.C.
By: [Signature] Date: APR 26 1994
SUBMITTAL NO. 126-13110A-02-02



MAR 24 1994

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Bellaire, Texas

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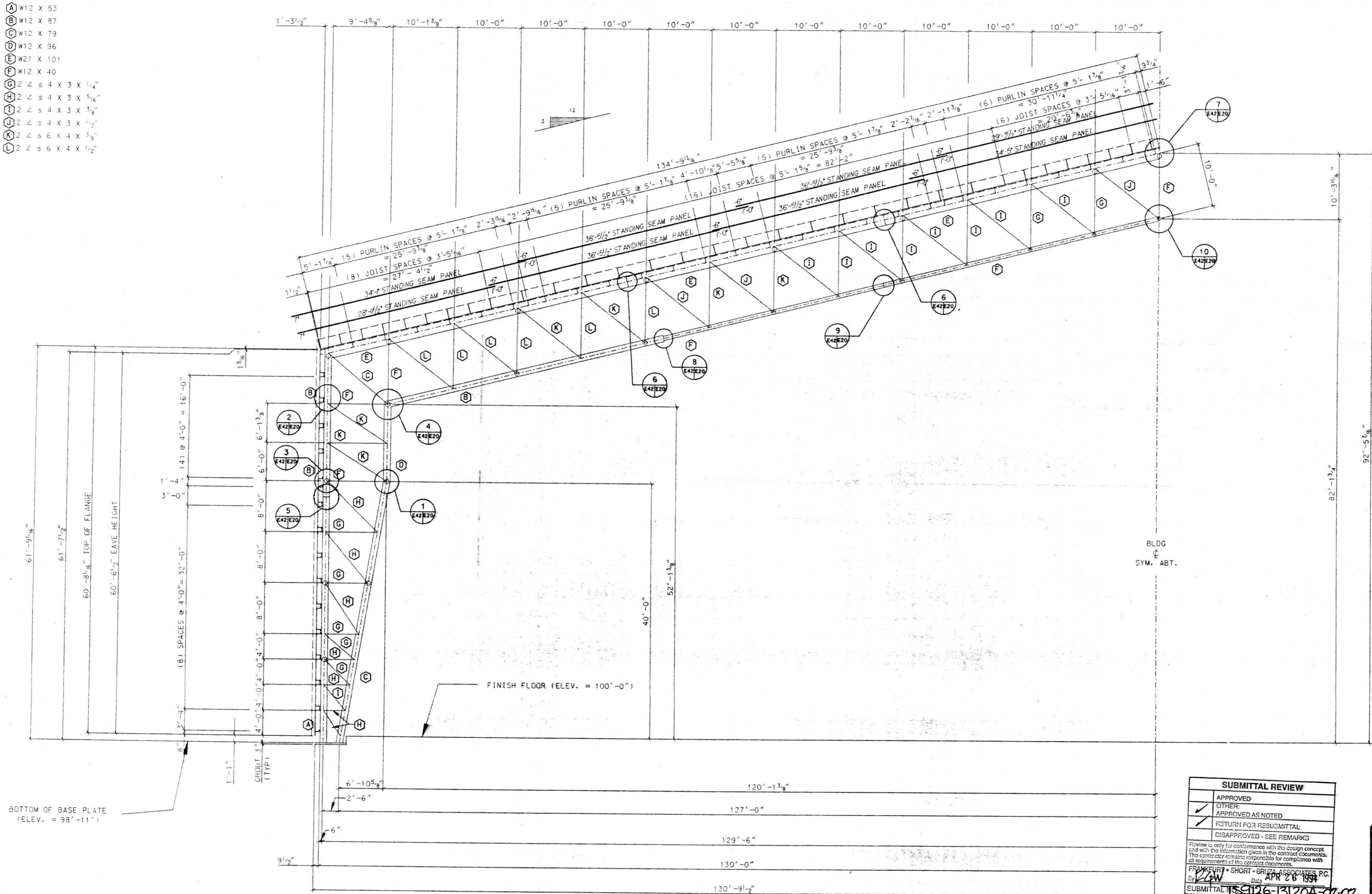
Builder: Seattle Construction Services, Inc.
Owner: Alaska Industrial Development and Export Authority

Building: Line Maintenance Hangar
Location: Anchorage, Alaska

DRAWN BY	LMC	JOB NO.	51-9290
CHECKED BY		DATE	2/94 DWG. E20

NO.	REVISION	MADE	CHK'D	DATE
A	FOR APPROVAL	LMC		3/94
		LIL	85347	

- A W12 X 53
- B W12 X 87
- C W12 X 79
- D W12 X 96
- E W21 X 101
- F W12 X 40
- G 2 L S 4 X 3 X 1/4"
- H 2 L S 4 X 3 X 5/16"
- I 2 L S 4 X 3 X 3/8"
- J 2 L S 4 X 3 X 1/2"
- K 2 L S 6 X 4 X 3/8"
- L 2 L S 6 X 4 X 1/2"



HALF CROSS SECTION FOR LINE 12 & 13

BLDG
SYM. ABT.

SUBMITTAL REVIEW	
<input type="checkbox"/>	APPROVED
<input checked="" type="checkbox"/>	OTHER:
<input checked="" type="checkbox"/>	APPROVED AS NOTED
<input checked="" type="checkbox"/>	RETURN FOR RESUBMITTAL
<input type="checkbox"/>	DISAPPROVED - SEE REMARKS

Review is only for conformance with the design concept and with the information given in the contract documents. The contractor remains responsible for compliance with all requirements of the contract documents.

FRANKFURT • SHORT • BRILZA ASSOCIATES P.C.
By: [Signature] Date: APR 26 1994
SUBMITTAL 159126-13120A-02-07



MAR 24 1994

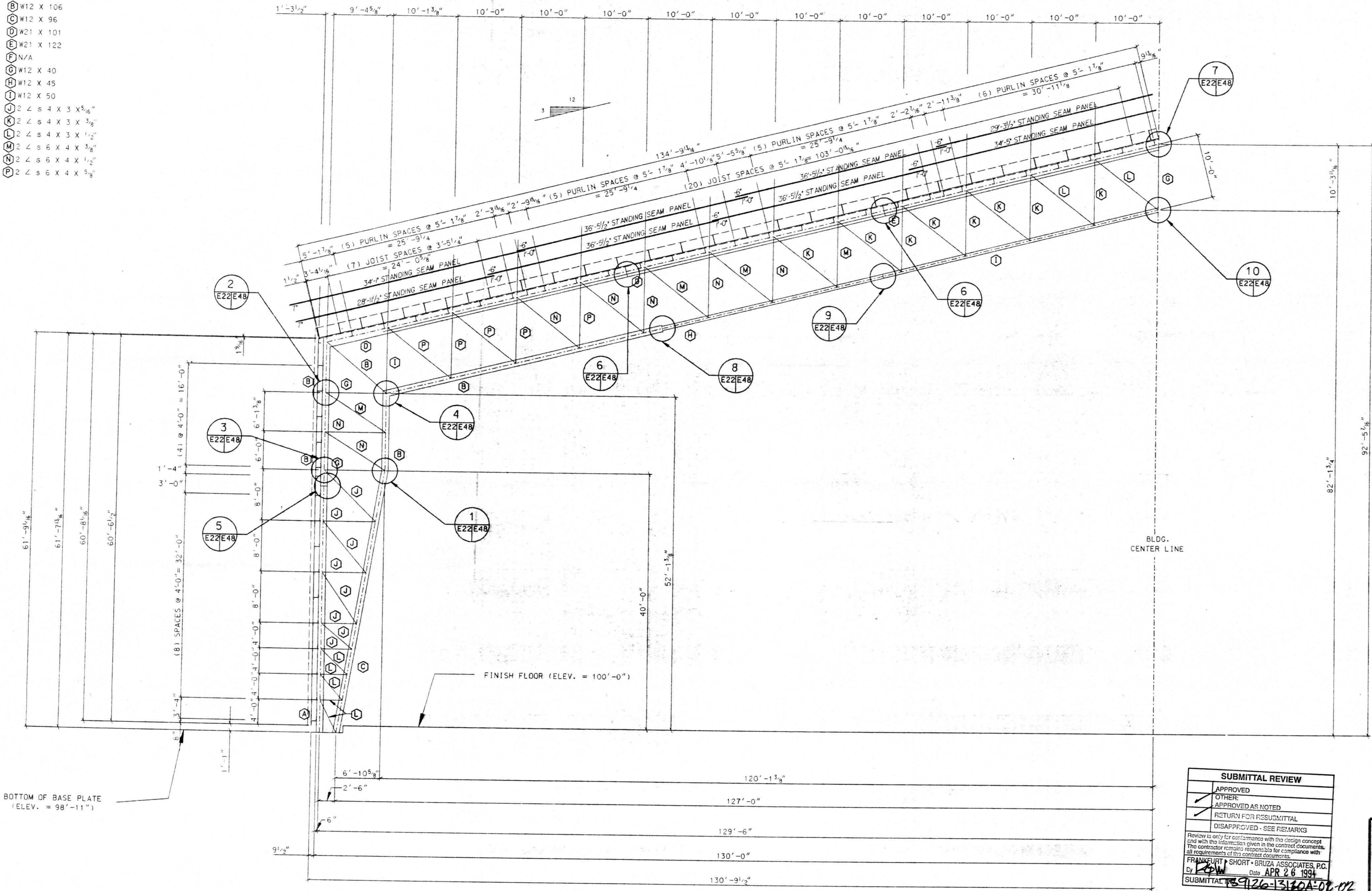
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Bellaire, Texas

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NO.	REVISION	MADE	CHK'D	DATE
A	FOR APPROVAL	LMC		3/94
		LIL	85348	

Builder:	Seattle Construction Services, Inc.
Owner:	Alaska Industrial Development and Export Authority
Building:	Line Maintenance Hangar
Location:	Anchorage, Alaska
DRAWN BY:	LMC
JOB NO.:	51-9290
CHECKED BY:	DATE 2/94 DWG. E21

- A W12 X 53
- B W12 X 106
- C W12 X 96
- D W21 X 101
- E W21 X 122
- F N/A
- G W12 X 40
- H W12 X 45
- I W12 X 50
- J 2 L S 4 X 3 X 5/16"
- K 2 L S 4 X 3 X 3/8"
- L 2 L S 4 X 3 X 1/2"
- M 2 L S 6 X 4 X 3/8"
- N 2 L S 6 X 4 X 1/2"
- P 2 L S 6 X 4 X 5/8"



BOTTOM OF BASE PLATE
(ELEV. = 98'-11")

FINISH FLOOR (ELEV. = 100'-0")

BLDG.
CENTER LINE

SUBMITTAL REVIEW	
<input type="checkbox"/>	APPROVED
<input checked="" type="checkbox"/>	OTHER: APPROVED AS NOTED
<input type="checkbox"/>	RETURN FOR RESUBMITTAL
<input type="checkbox"/>	DISAPPROVED - SEE REMARKS
<small>Review is only for conformance with the design concept and with the information given in the contract documents. The contractor remains responsible for compliance with all requirements of the contract documents.</small>	
By LPW	FRANKLIN T. SHORT • BRUZA ASSOCIATES, P.C. Date APR 26 1994
SUBMITTAL NO. 9126-1316A-01-02	



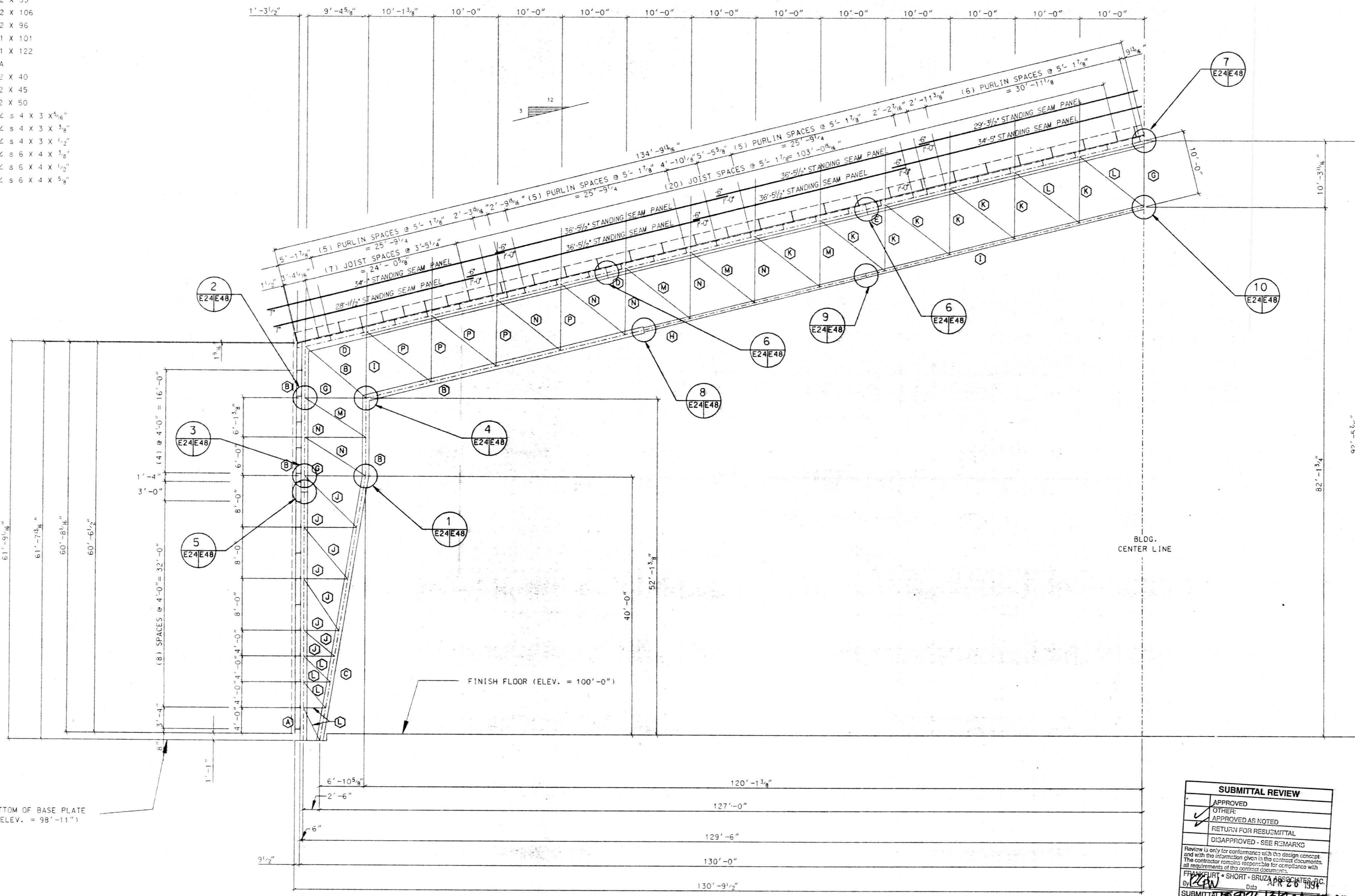
NO.	REVISION	MADE	CHK'D	DATE
A	FOR APPROVAL	LMC		3/94

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Builder: Seattle Construction Services, Inc.
Owner: Alaska Industrial Development and Export Authority
Building: Line Maintenance Hangar
Location: Anchorage, Alaska

DRAWN BY	LMC	JOB NO.	51-9290
CHECKED BY		DATE	2/94 DWG. E22

- Ⓐ W12 X 53
- Ⓑ W12 X 106
- Ⓒ W12 X 96
- Ⓓ W21 X 101
- Ⓔ W21 X 122
- Ⓕ N/A
- Ⓖ W12 X 40
- Ⓗ W12 X 45
- Ⓘ W12 X 50
- Ⓝ 2 L S 4 X 3 X 5/16"
- Ⓞ 2 L S 4 X 3 X 3/8"
- Ⓟ 2 L S 4 X 3 X 1/2"
- Ⓠ 2 L S 6 X 4 X 3/8"
- Ⓡ 2 L S 6 X 4 X 1/2"
- Ⓢ 2 L S 6 X 4 X 5/8"



CROSS SECTION FOR LINE'S 3 & 4

SUBMITTAL REVIEW	
APPROVED	<input type="checkbox"/>
OTHER:	<input checked="" type="checkbox"/>
APPROVED AS NOTED	<input type="checkbox"/>
RETURN FOR RESUBMITTAL	<input type="checkbox"/>
DISAPPROVED - SEE REMARK	<input type="checkbox"/>

Review is only for conformance with the design concept and with the information given in the contract documents. The contractor remains responsible for compliance with all requirements of the contract documents.

FRANK J. SHORT - BRUZA ASSOCIATES, INC.
 5/1/94 Date: 2/26/94
 SUBMITTAL 9926-1570A-01-02



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 Heavy Fabrication Division
 Bellaire, Texas

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A	FOR APPROVAL	LMC		3/94

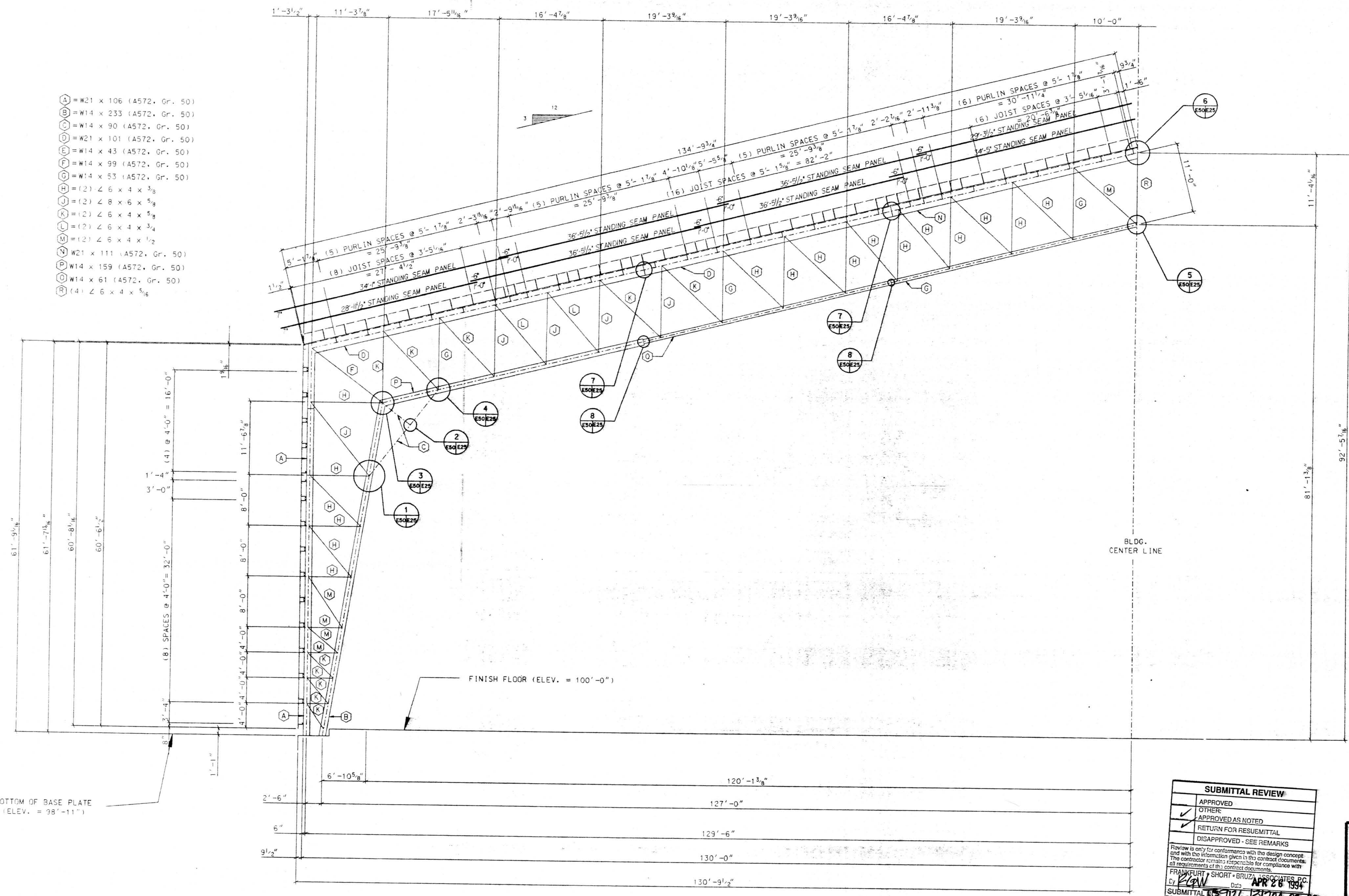
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Builder: Seattle Construction Services, Inc.
 Owner: Alaska Industrial Development and Export Authority

Building: Line Maintenance Hangar
 Location: Anchorage, Alaska

DRAWN BY: LMC JOB NO. 51-9290
 CHECKED BY: DATE 2/94 DWG. E24

- (A) = W21 x 106 (A572, Gr. 50)
- (B) = W14 x 233 (A572, Gr. 50)
- (C) = W14 x 90 (A572, Gr. 50)
- (D) = W21 x 101 (A572, Gr. 50)
- (E) = W14 x 43 (A572, Gr. 50)
- (F) = W14 x 99 (A572, Gr. 50)
- (G) = W14 x 53 (A572, Gr. 50)
- (H) = (2) L 6 x 4 x 3/8
- (I) = (2) L 8 x 6 x 5/8
- (J) = (2) L 6 x 4 x 3/8
- (K) = (2) L 6 x 4 x 3/4
- (L) = (2) L 6 x 4 x 1/2
- (M) = W21 x 111 (A572, Gr. 50)
- (N) = W14 x 159 (A572, Gr. 50)
- (O) = W14 x 61 (A572, Gr. 50)
- (P) = (4) L 6 x 4 x 5/16



HALF CROSS SECTION AT LINE 2

SUBMITTAL REVIEW	
APPROVED	
OTHER	
APPROVED AS NOTED	
RETURN FOR RESUBMITTAL	
DISAPPROVED - SEE REMARKS	

Review is only for conformance with the design concept and with the information given in the contract documents. The contractor remains responsible for compliance with all requirements of the contract documents.

FRANKLIN SHORT & BRUZZI ASSOCIATES, P.C.
 APR 26 1994
 SUBMITTAL 15-1126-13120A-02-02



AMERICAN BUILDINGS COMPANY
 Heavy Fabrication Division
 Bellaire, Texas

NO.	REVISION	MADE	CHK'D	DATE
A	FOR APPROVAL	LMC		3/94

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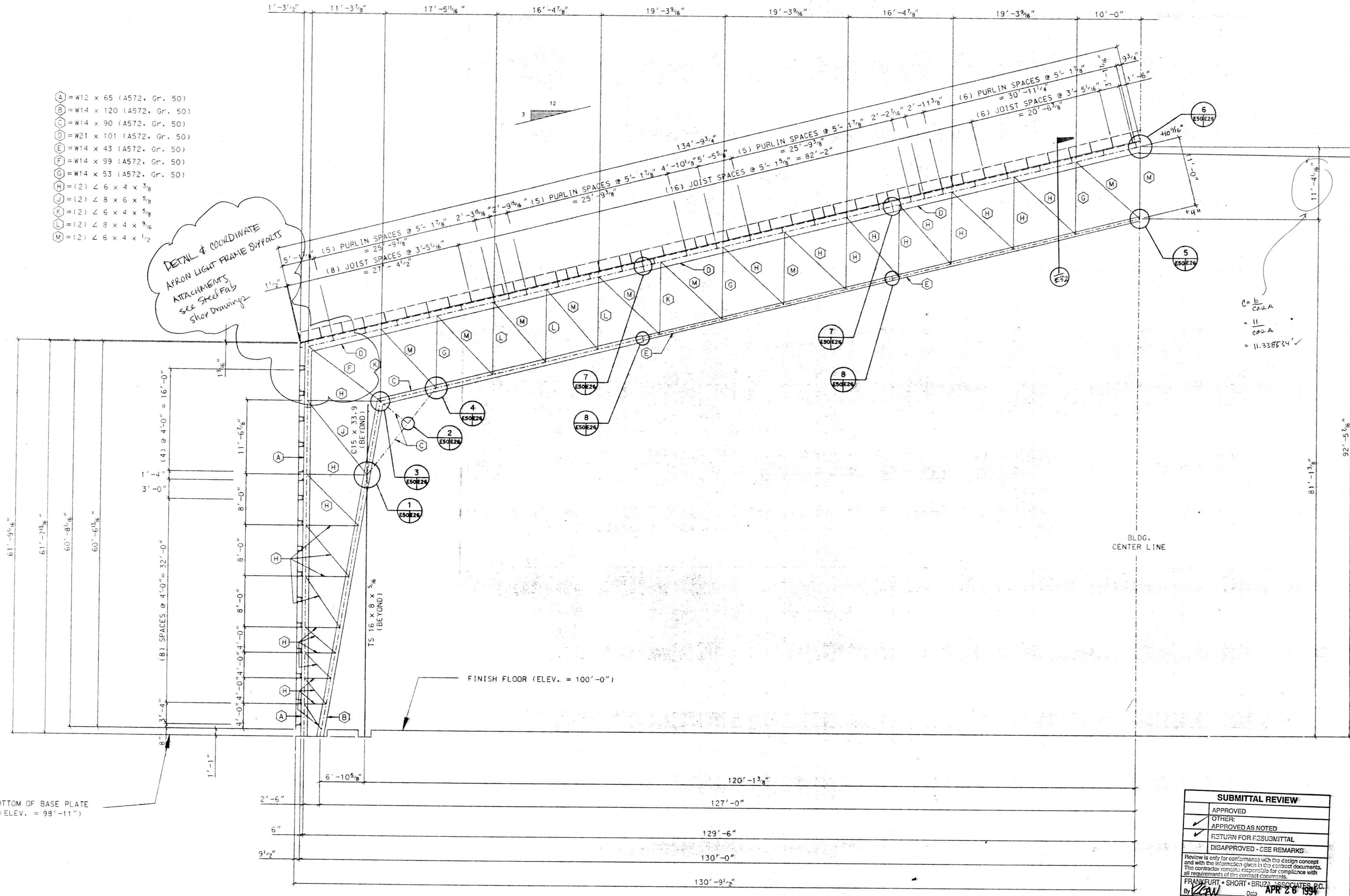
Builder: Seattle Construction Services, Inc.
 Owner: Alaska Industrial Development and Export Authority

Building: Line Maintenance Hangar
 Location: Anchorage, Alaska

DRAWN BY: LMC JOB NO. 51-9290
 CHECKED BY: DATE 2/94 DWG. E25

- (A) = W12 x 65 (A572, Gr. 50)
- (B) = W14 x 120 (A572, Gr. 50)
- (C) = W14 x 90 (A572, Gr. 50)
- (D) = W21 x 101 (A572, Gr. 50)
- (E) = W14 x 43 (A572, Gr. 50)
- (F) = W14 x 99 (A572, Gr. 50)
- (G) = W14 x 53 (A572, Gr. 50)
- (H) = (2) L 6 x 4 x 3/8
- (L) = (2) L 8 x 6 x 5/8
- (K) = (2) L 6 x 4 x 5/8
- (M) = (2) L 8 x 4 x 9/16
- (N) = (2) L 6 x 4 x 1/2

DETAIL & COORDINATE
APRON LIGHT FRAME SUPPORTS
ATTACHMENTS,
SEE STEEL FAB
SHOP DRAWING



VERIFY
TOP OF BEAM IS EL. 90.667'

$$\begin{aligned}
 a &= b \tan A \\
 a &= (120') \tan 14^\circ 24' 10'' \\
 a &= 29.999' = 90.667' \\
 c &= \frac{b}{\cos A} \\
 c &= \frac{120'}{\cos A} = 12.600'
 \end{aligned}$$

$$\begin{aligned}
 c &= \frac{b}{\cos A} \\
 &= \frac{11}{\cos A} \\
 &= 11.338534'
 \end{aligned}$$

BOTTOM OF BASE PLATE
(ELEV. = 98'-11")

HALF CROSS SECTION AT LINE 1A

SUBMITTAL REVIEW	
<input type="checkbox"/>	APPROVED
<input checked="" type="checkbox"/>	OTHER: APPROVED AS NOTED
<input type="checkbox"/>	RETURN FOR RESUBMITTAL
<input type="checkbox"/>	DISAPPROVED - SEE REMARKS

Review is only for conformance with the design concept and with the information given in the contract documents. The contractor remains responsible for compliance with all requirements of the contract documents.

FRANKFURT • SHORT • BRUZA ASSOCIATES, P.C.
By: [Signature] Date: APR 26 1994
SUBMITTAL NO. 126-12120A-0200



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Heavy Fabrication Division
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Builder: Seattle Construction Services, Inc.
Owner: Alaska Industrial Development and Export Authority
Building: Line Maintenance Hangar
Location: Anchorage, Alaska

DRAWN BY: LMC JOB NO. 51-9290
CHECKED BY: DATE 2/94 DWG. E26