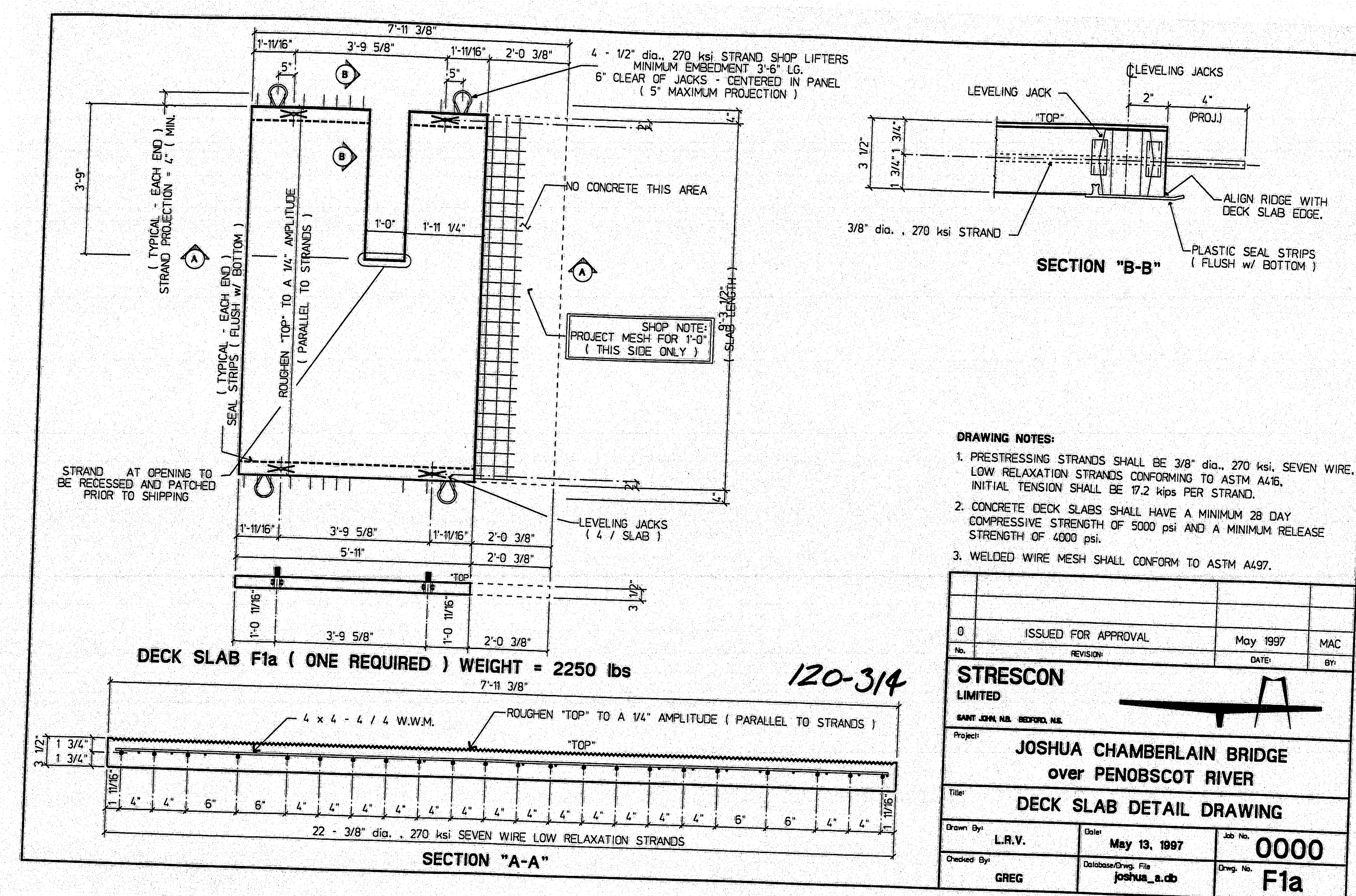


- DRAWING NOTES:**
1. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416, INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
 2. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
 3. WELDED WIRE MESH SHALL CONFORM TO ASTM A637.

0	ISSUED FOR APPROVAL	May 1997	MAC
1	REVISION	DATE	BY

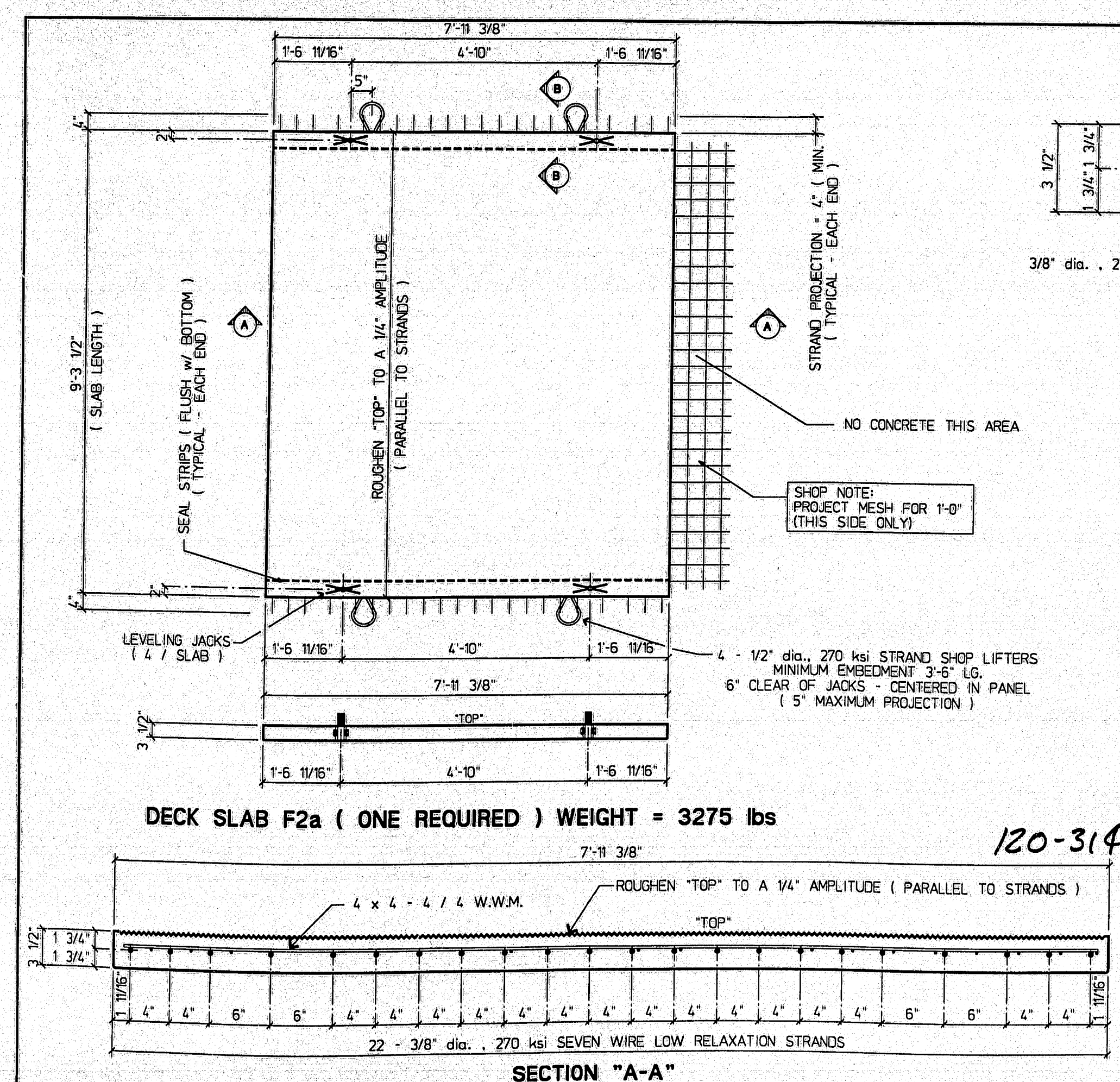
STRESCON LIMITED
SANT JOSE, CA, 95050, U.S.A.
Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**
Title: **DECK SLAB DETAIL DRAWING**
Drawn By: L.R.V. Date: May 13, 1997 Job No: 0000
Checked By: GREG Date: joshua_a.cb Drawn By: F1b



- DRAWING NOTES:**
1. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416, INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
 2. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
 3. WELDED WIRE MESH SHALL CONFORM TO ASTM A637.

0	ISSUED FOR APPROVAL	May 1997	MAC
1	REVISION	DATE	BY

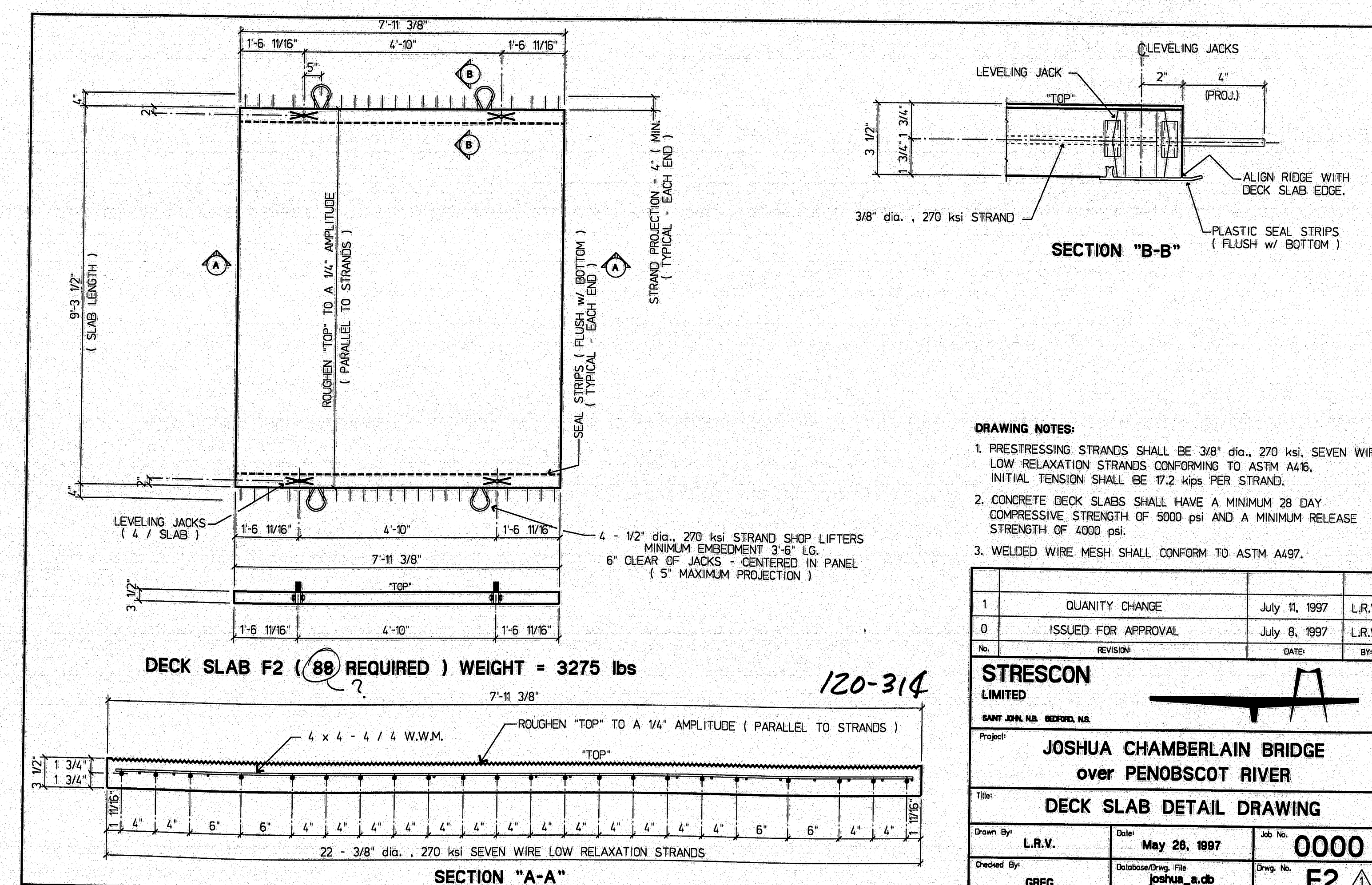
STRESCON LIMITED
SANT JOSE, CA, 95050, U.S.A.
Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**
Title: **DECK SLAB DETAIL DRAWING**
Drawn By: L.R.V. Date: May 13, 1997 Job No: 0000
Checked By: GREG Date: joshua_a.cb Drawn By: F1a



- DRAWING NOTES:**
1. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416, INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
 2. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
 3. WELDED WIRE MESH SHALL CONFORM TO ASTM A637.

0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.
1	REVISION	DATE	BY

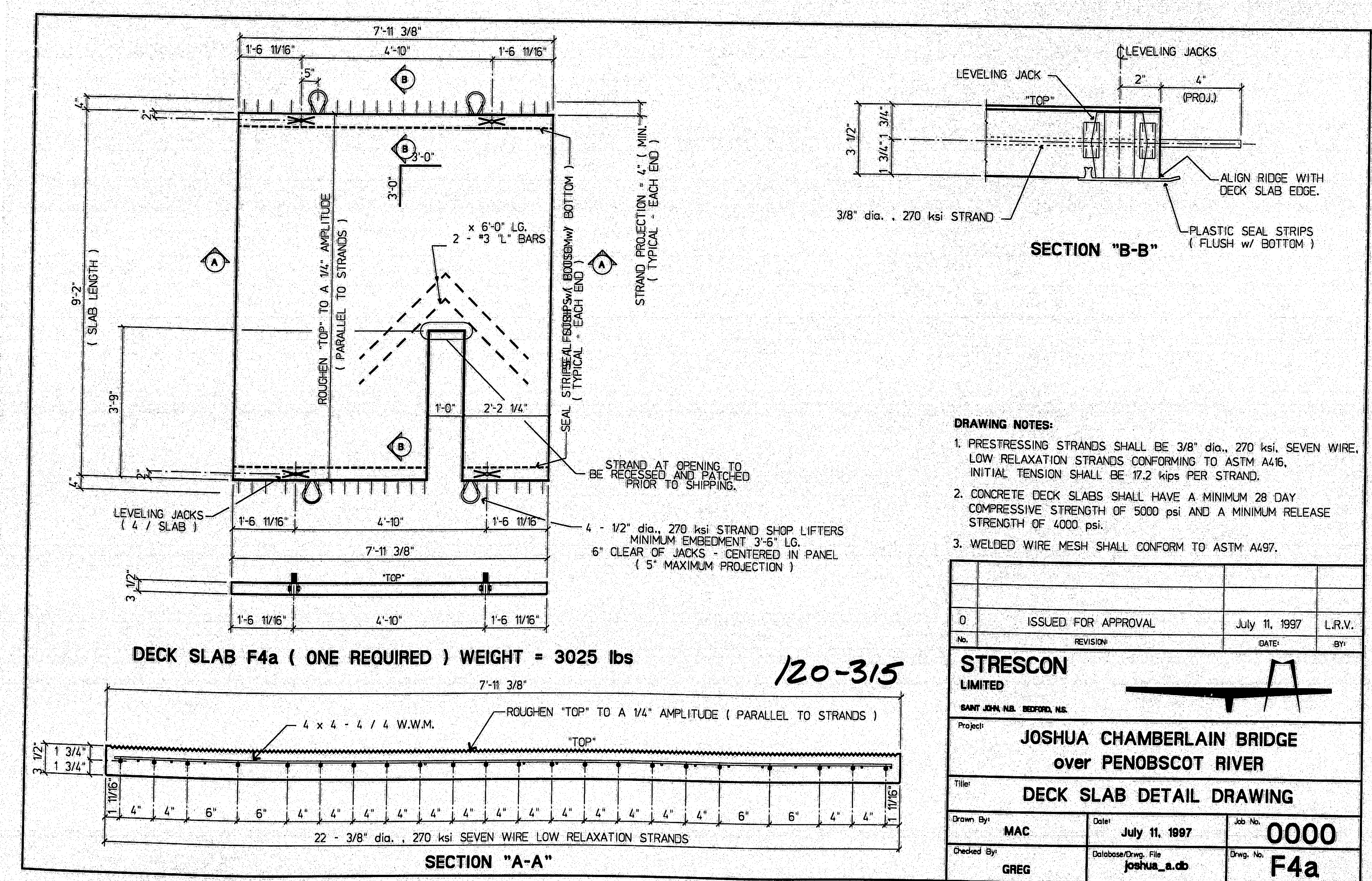
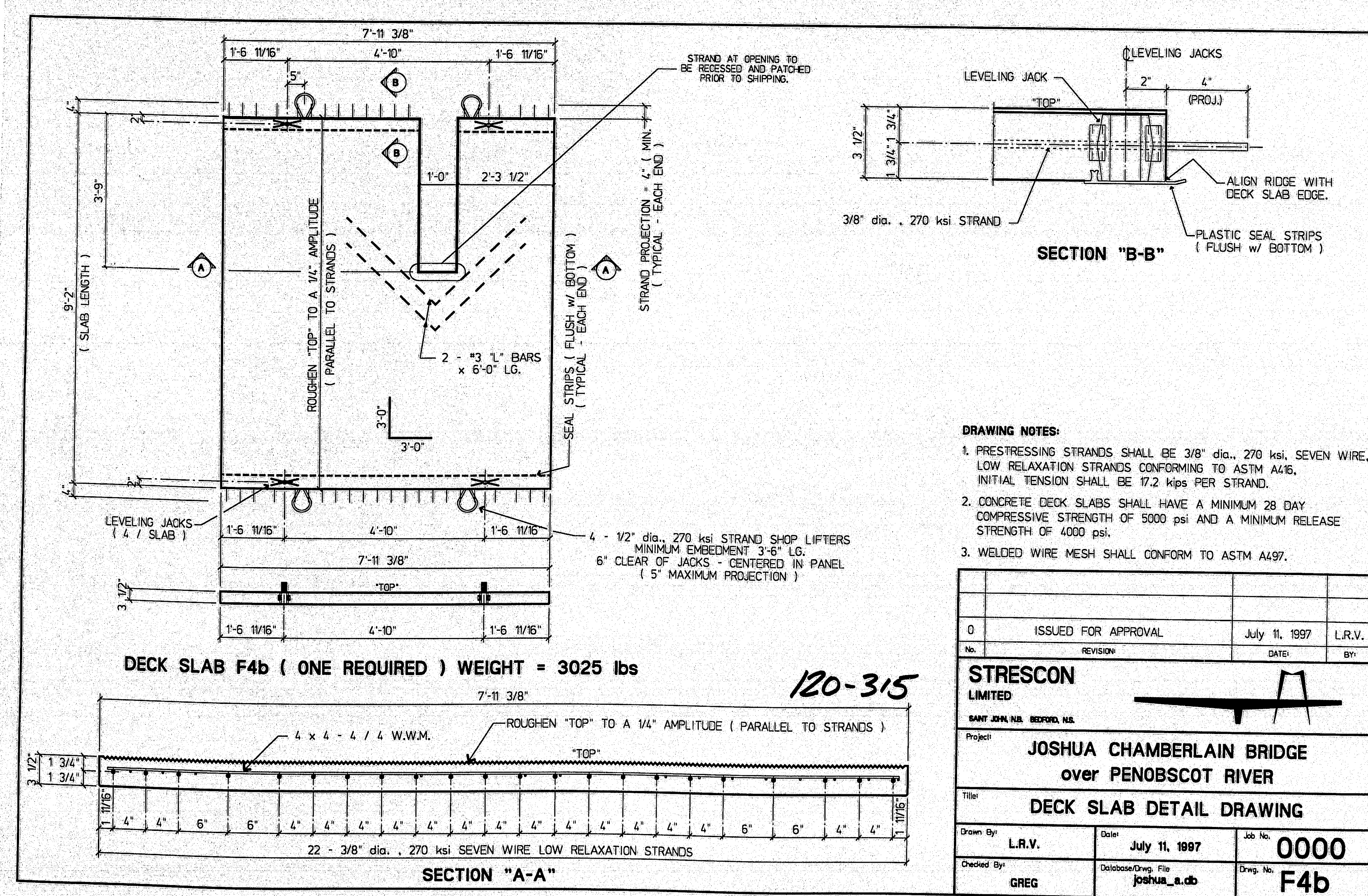
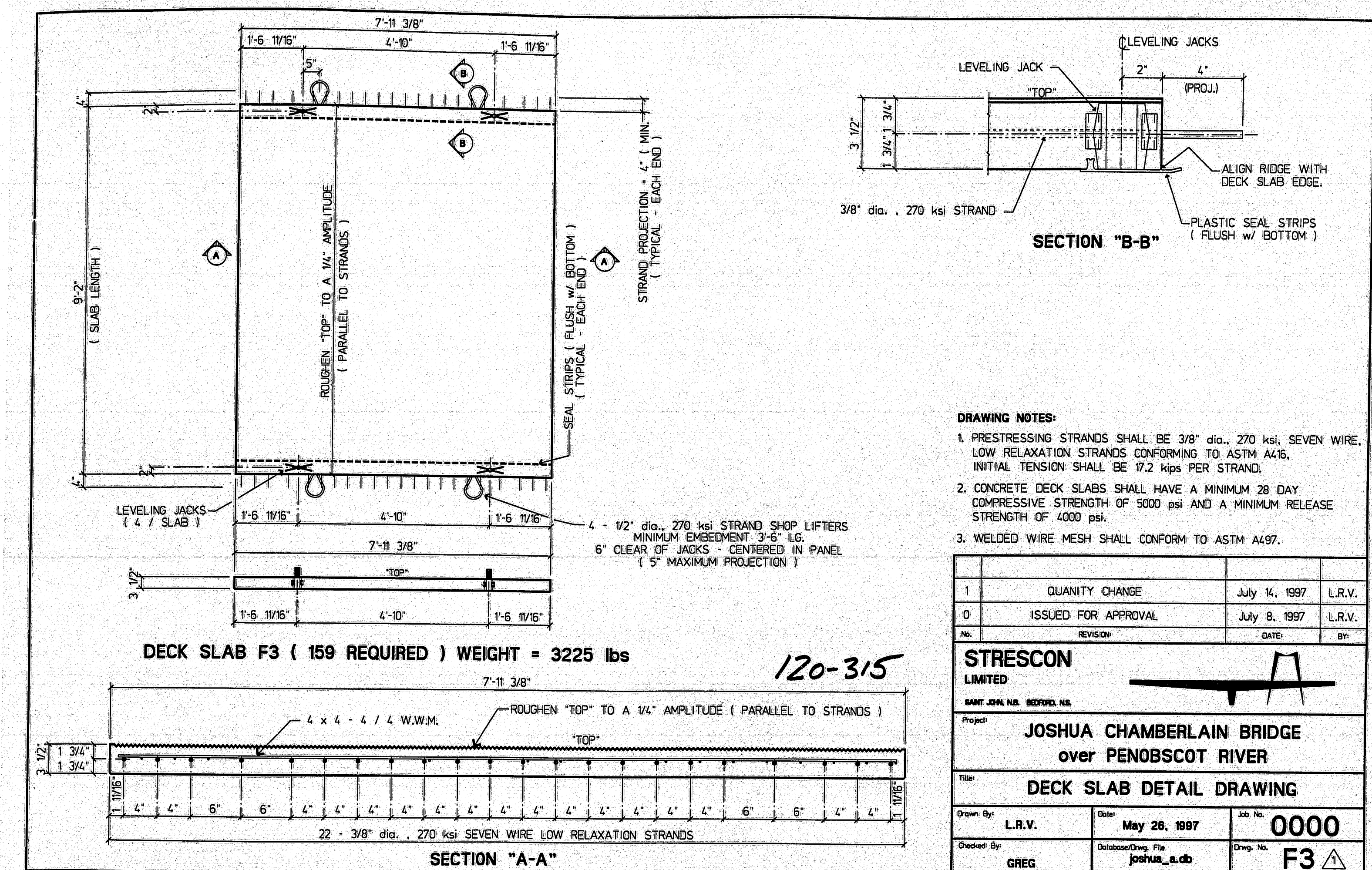
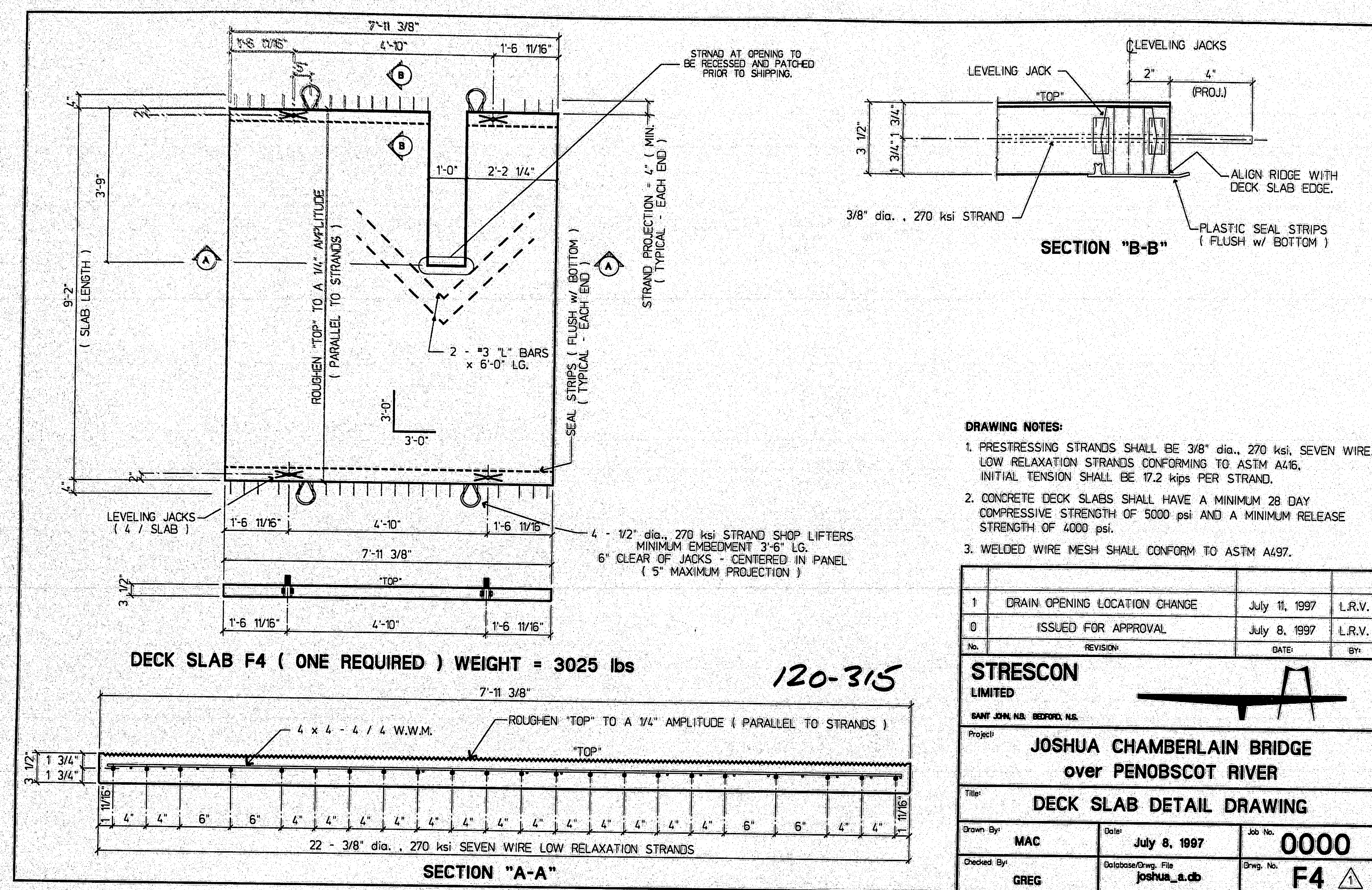
STRESCON LIMITED
SANT JOSE, CA, 95050, U.S.A.
Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**
Title: **DECK SLAB DETAIL DRAWING**
Drawn By: L.R.V. Date: July 14, 1997 Job No: 0000
Checked By: GREG Date: joshua_a.cb Drawn By: F2a

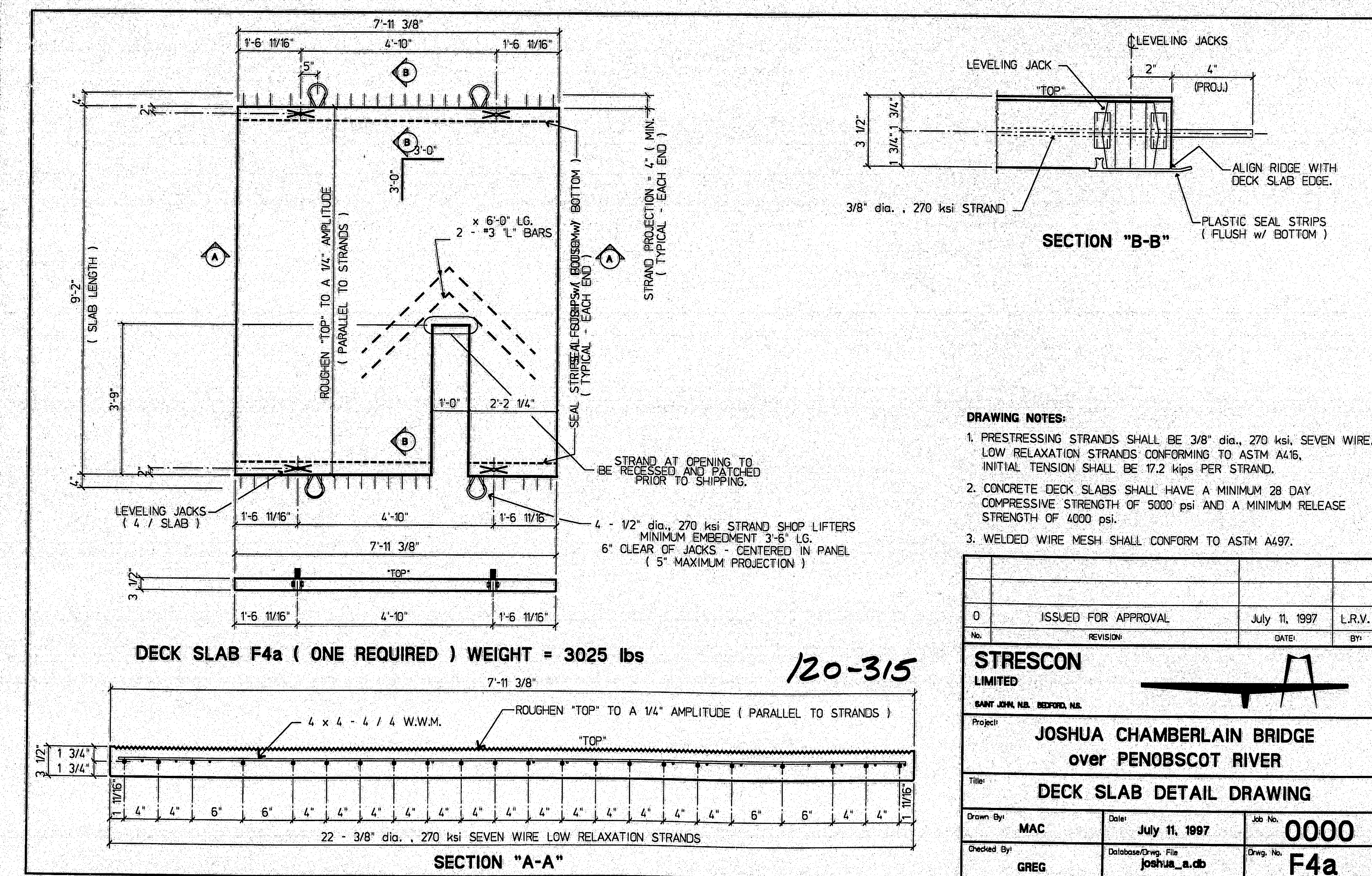
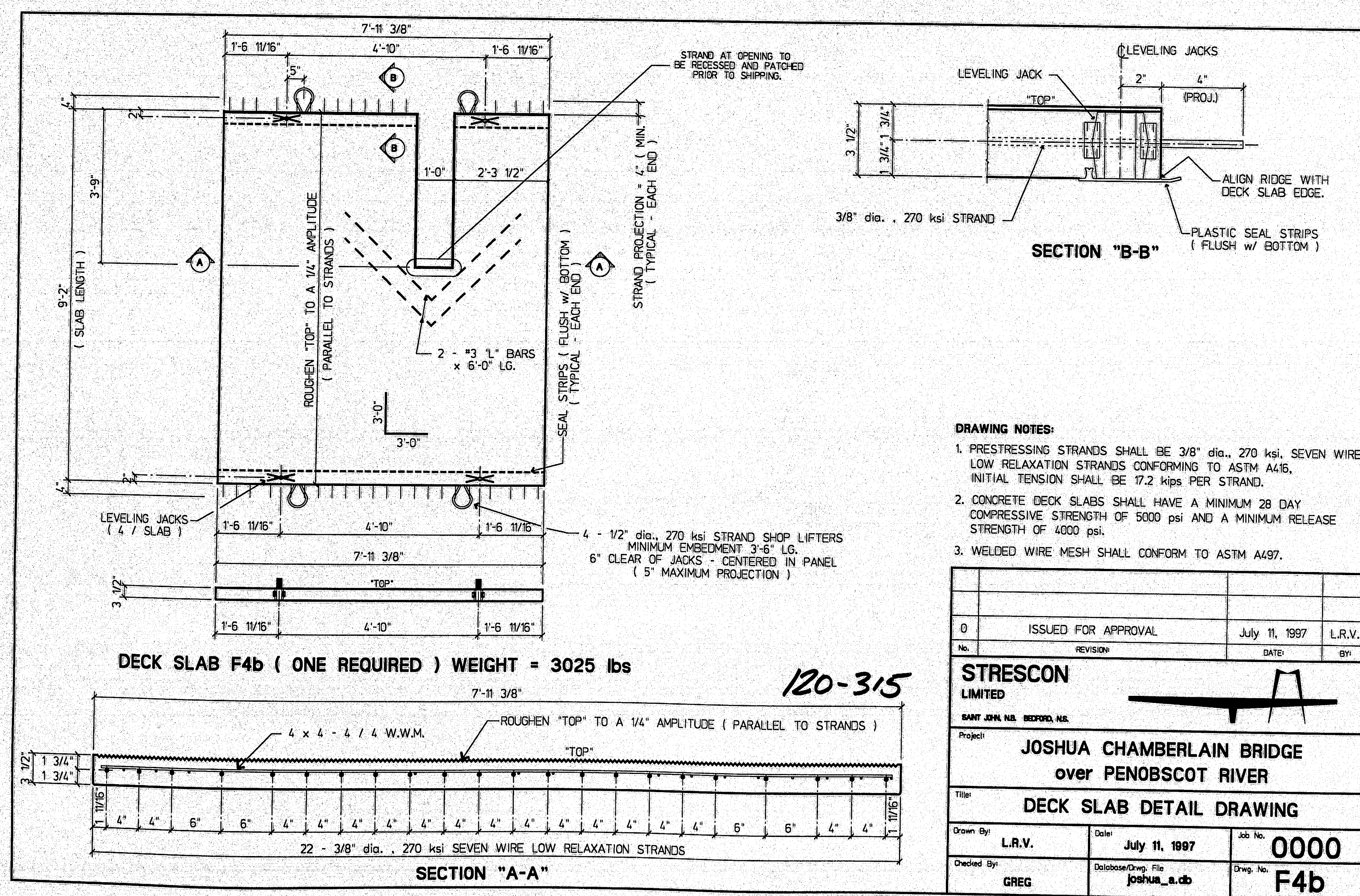
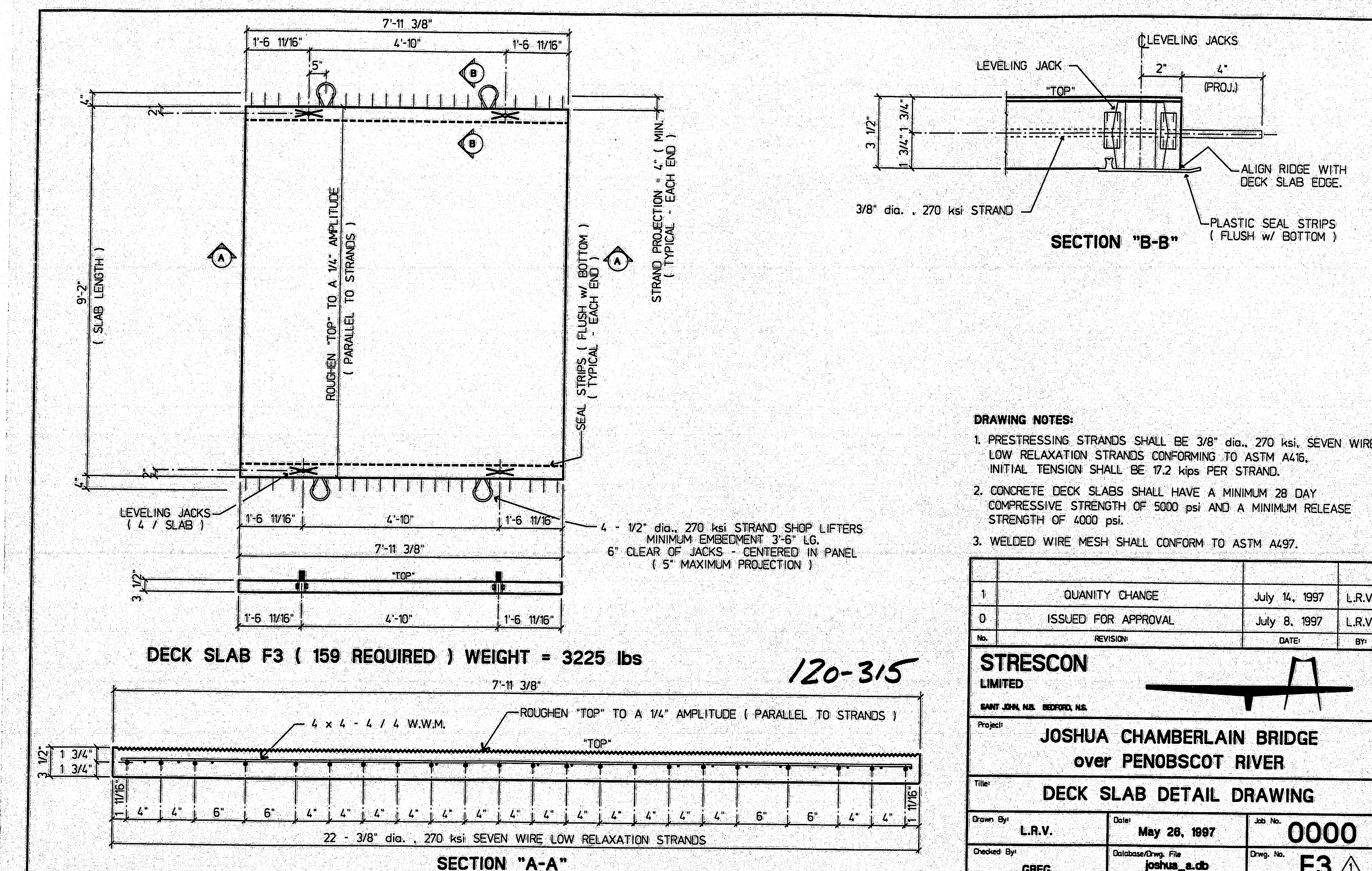
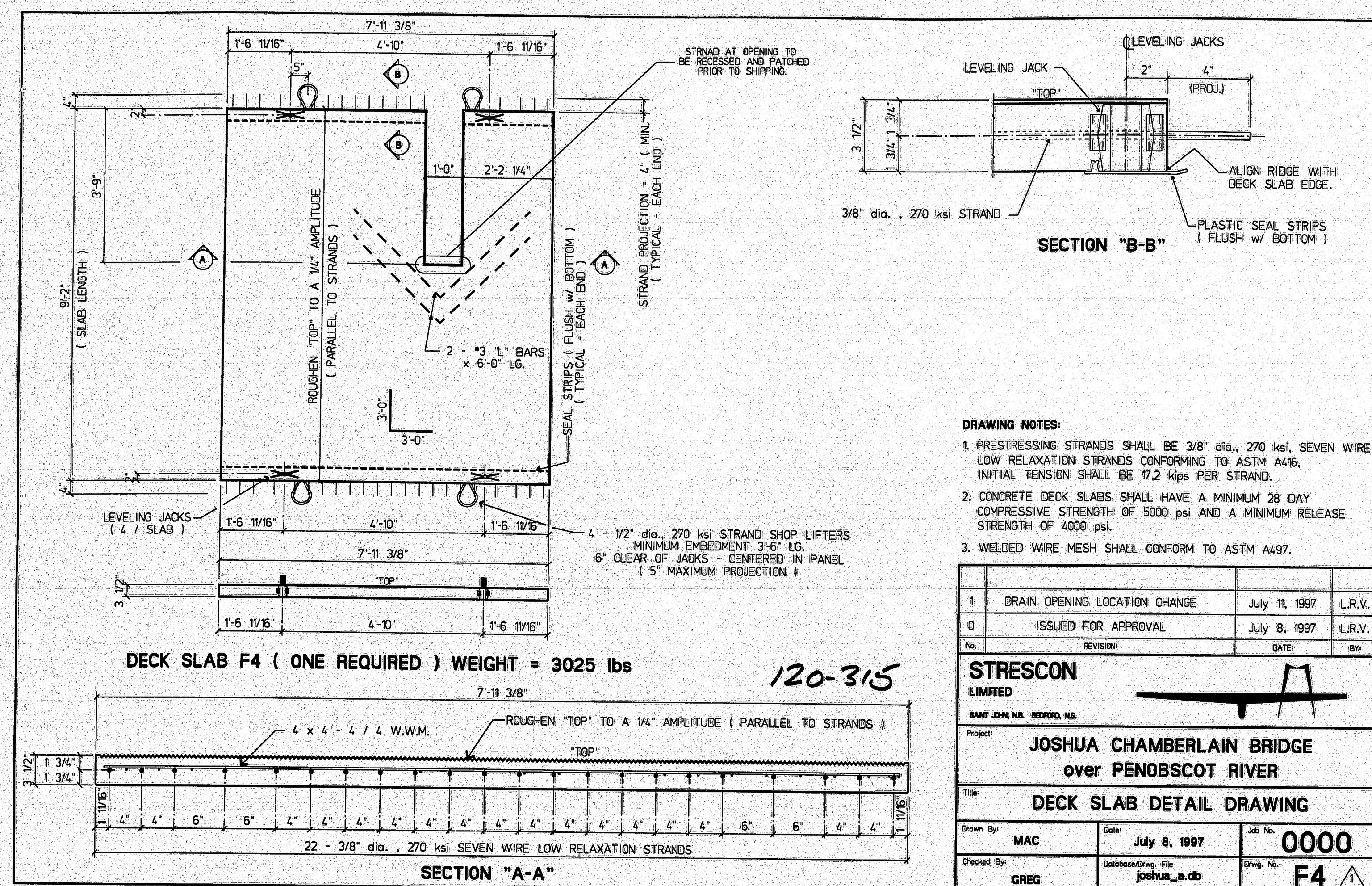


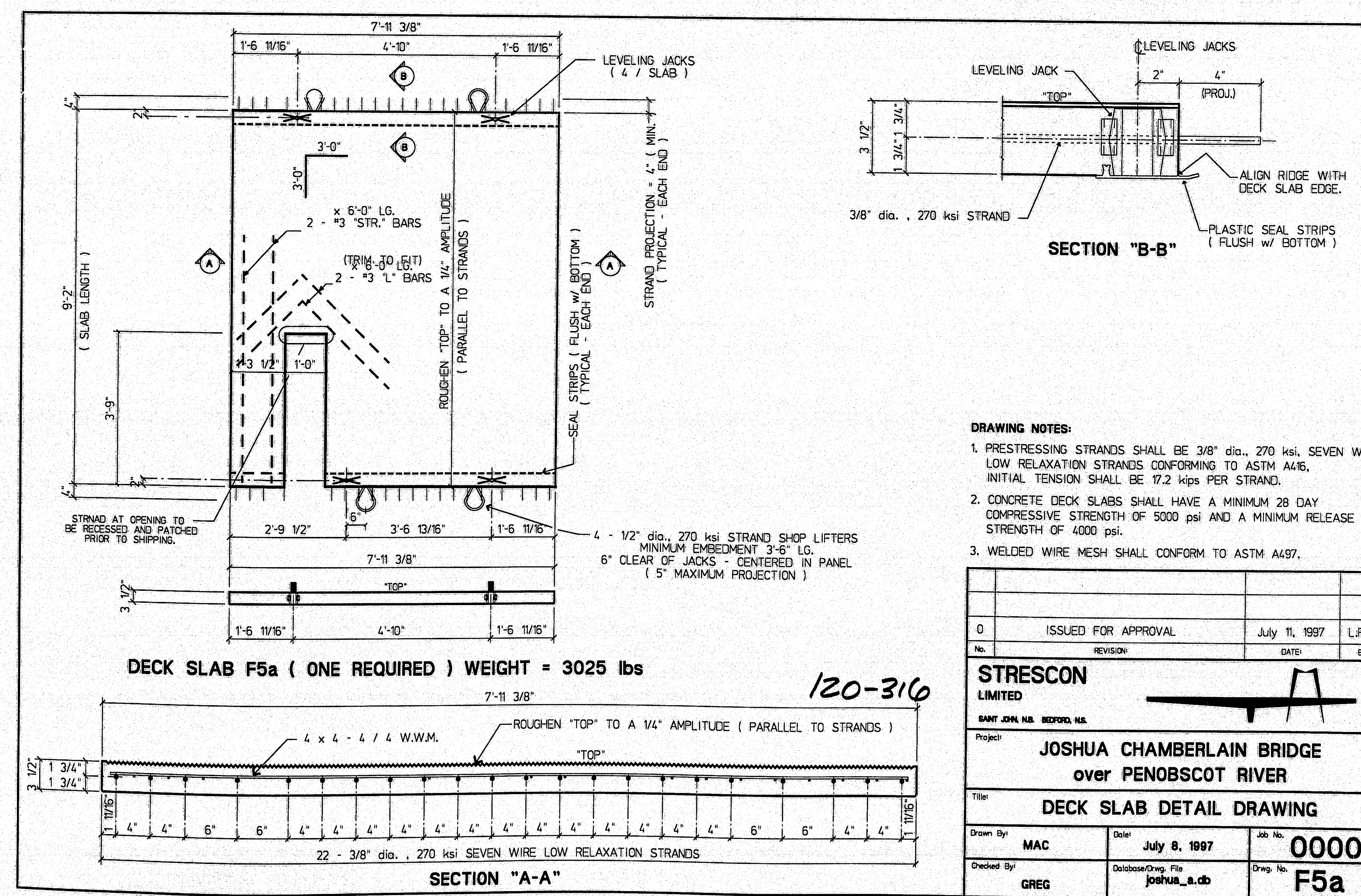
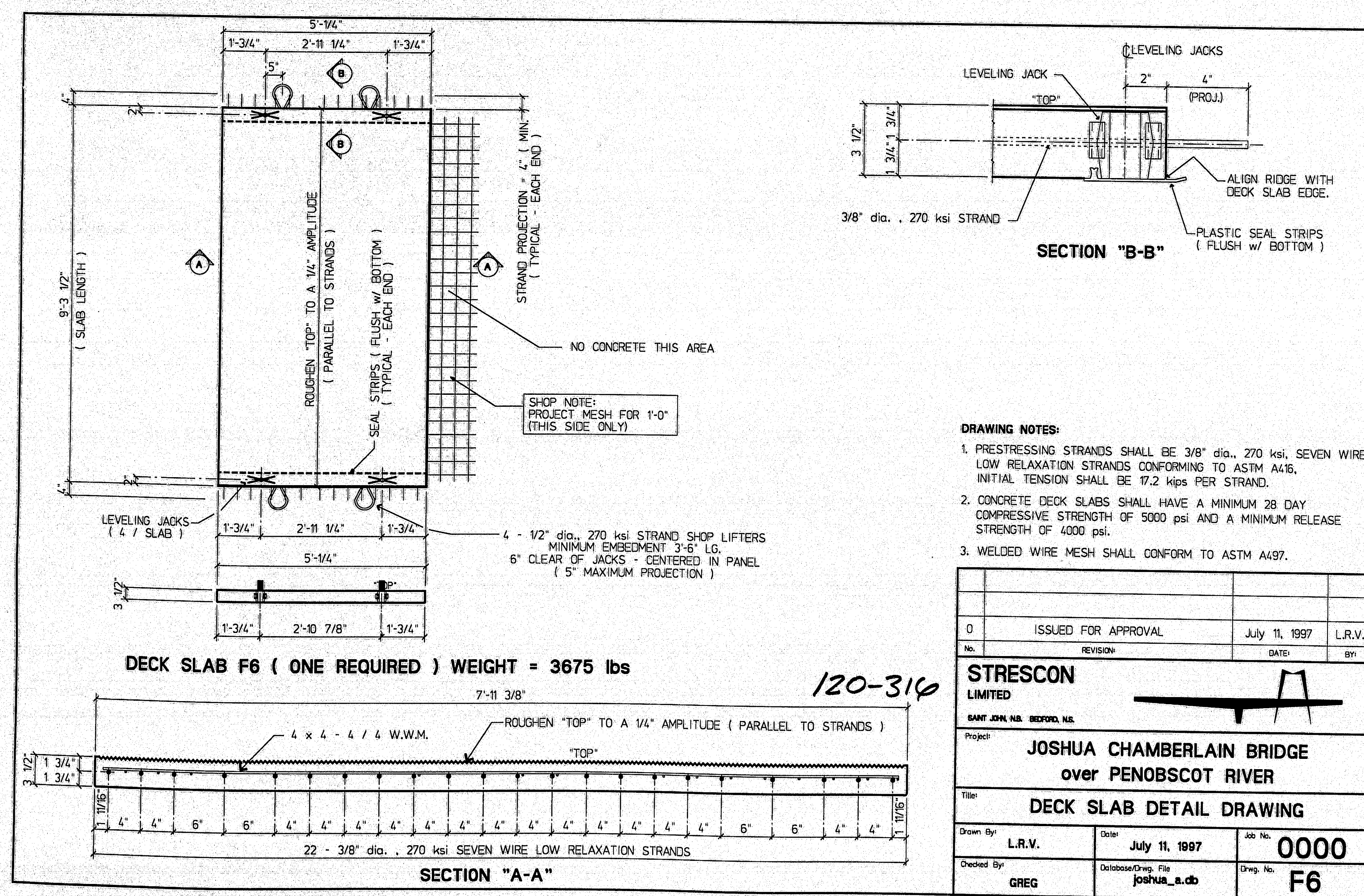
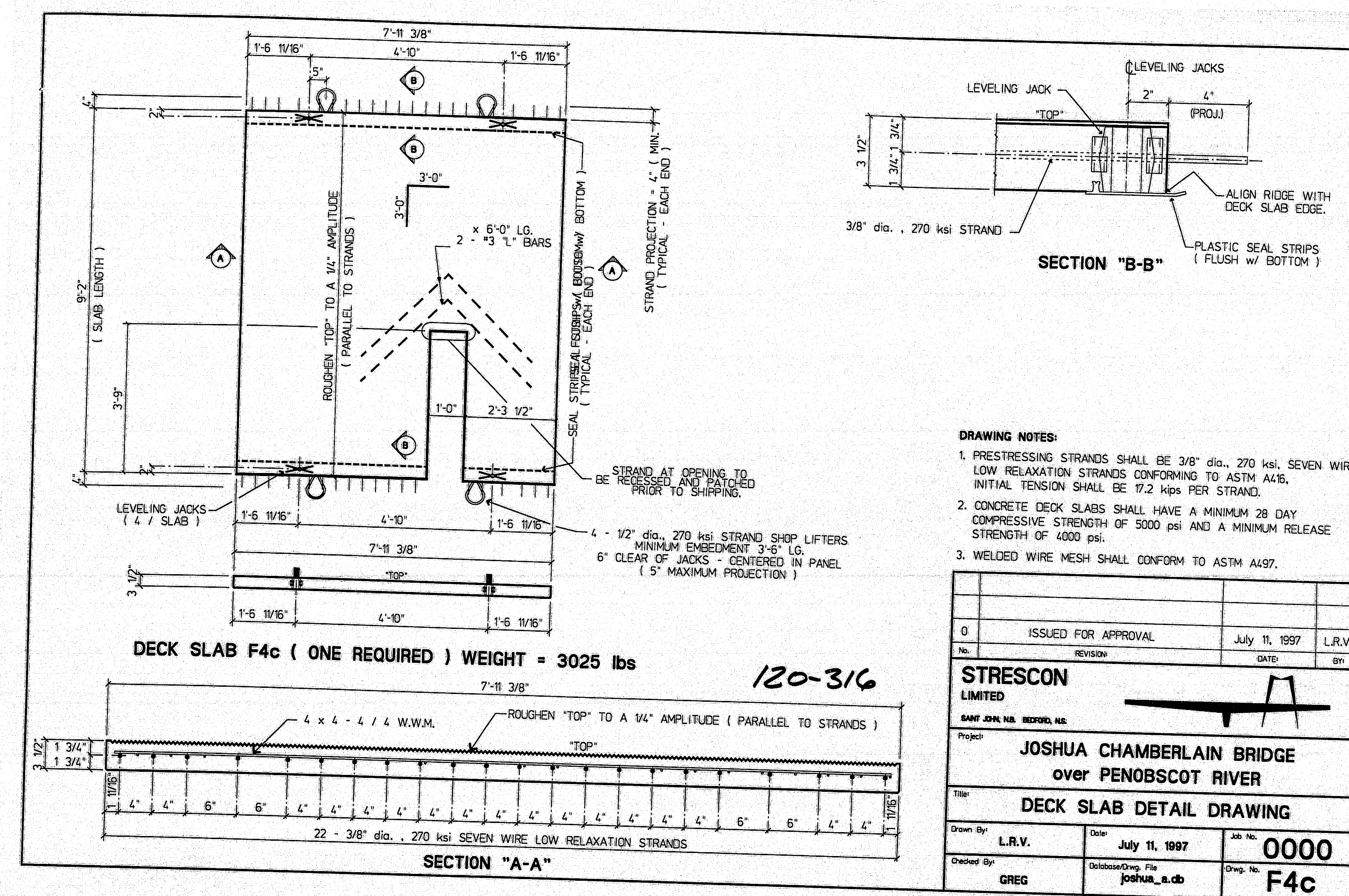
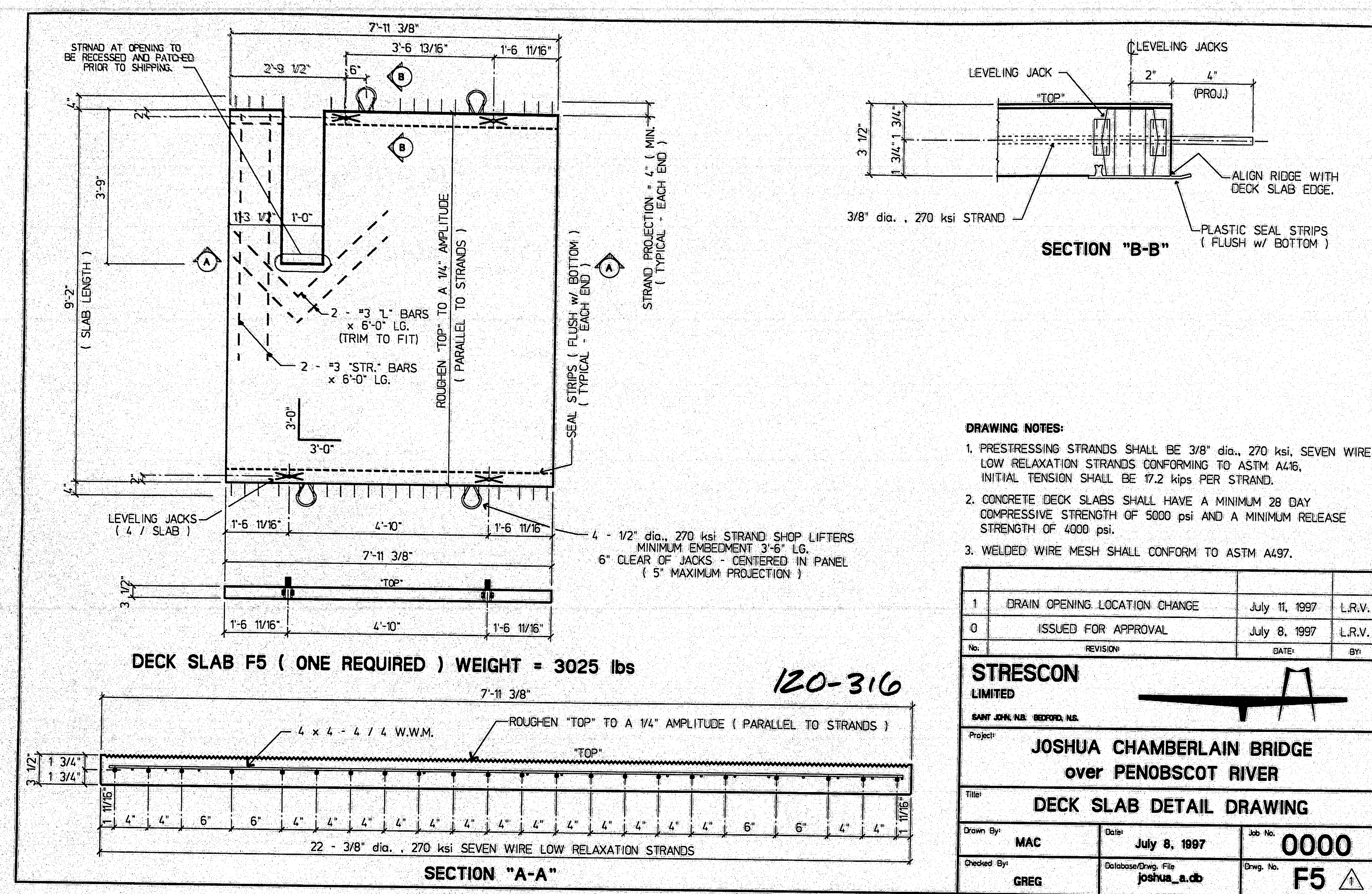
- DRAWING NOTES:**
1. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416, INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
 2. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
 3. WELDED WIRE MESH SHALL CONFORM TO ASTM A637.

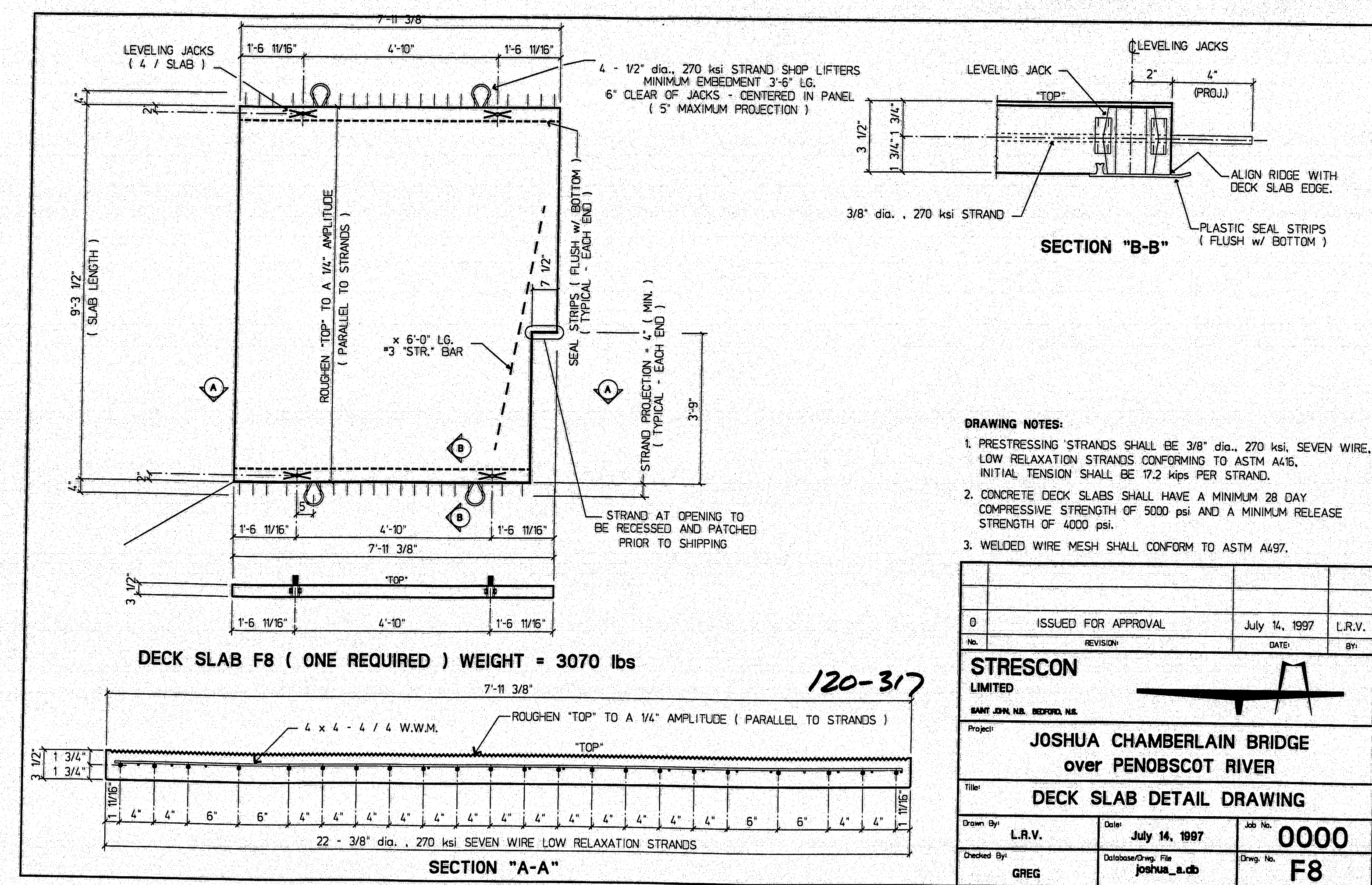
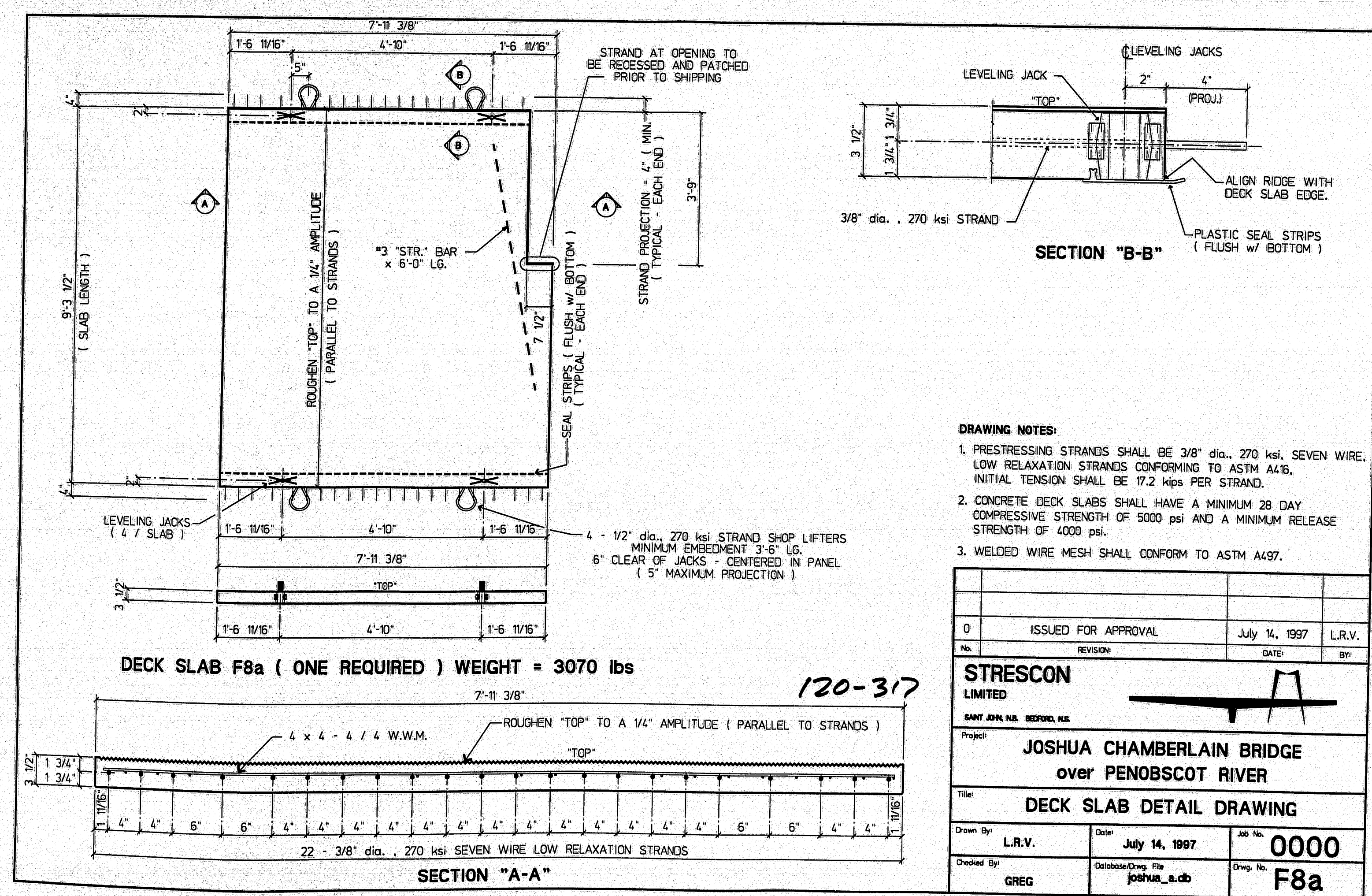
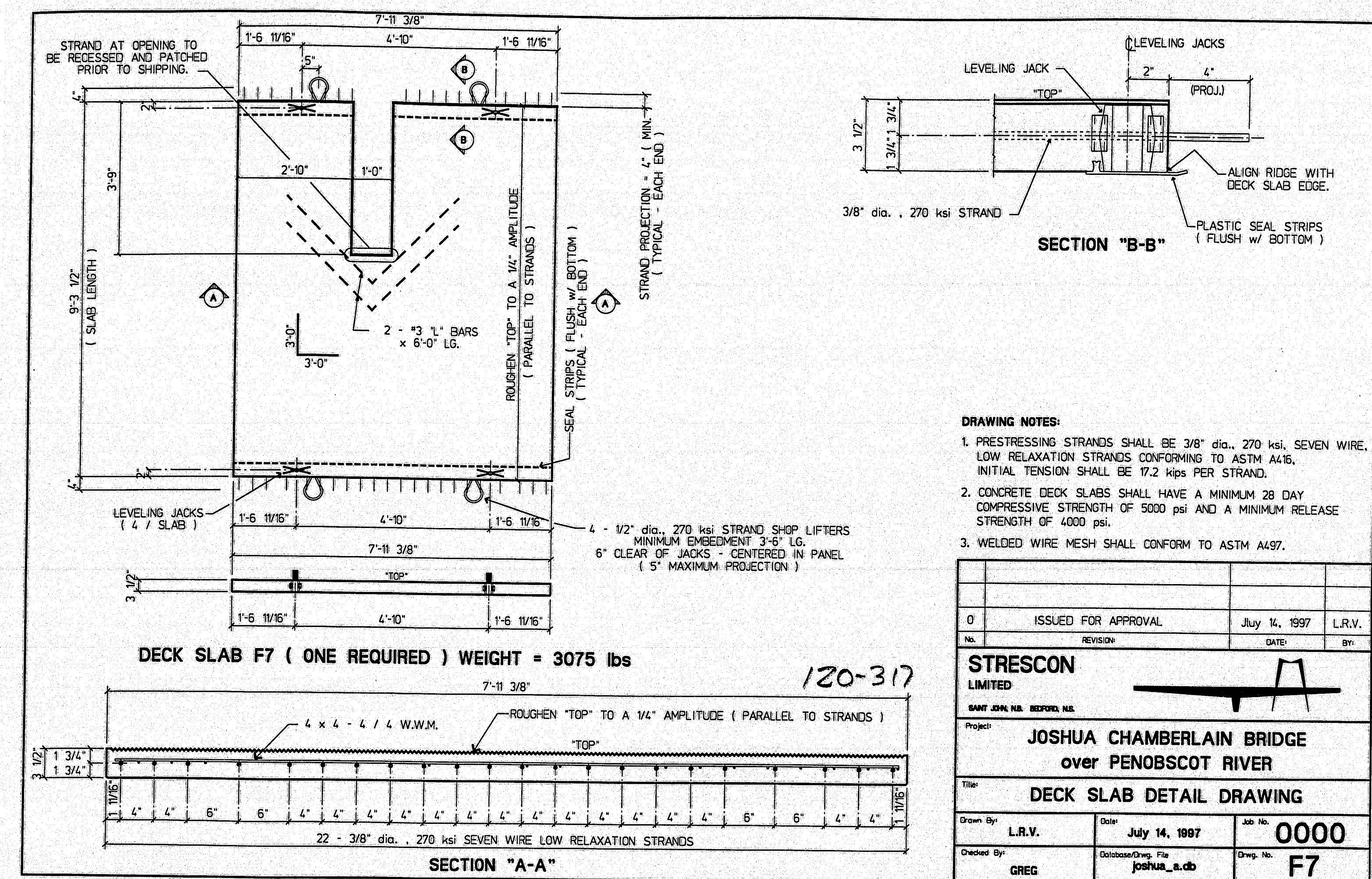
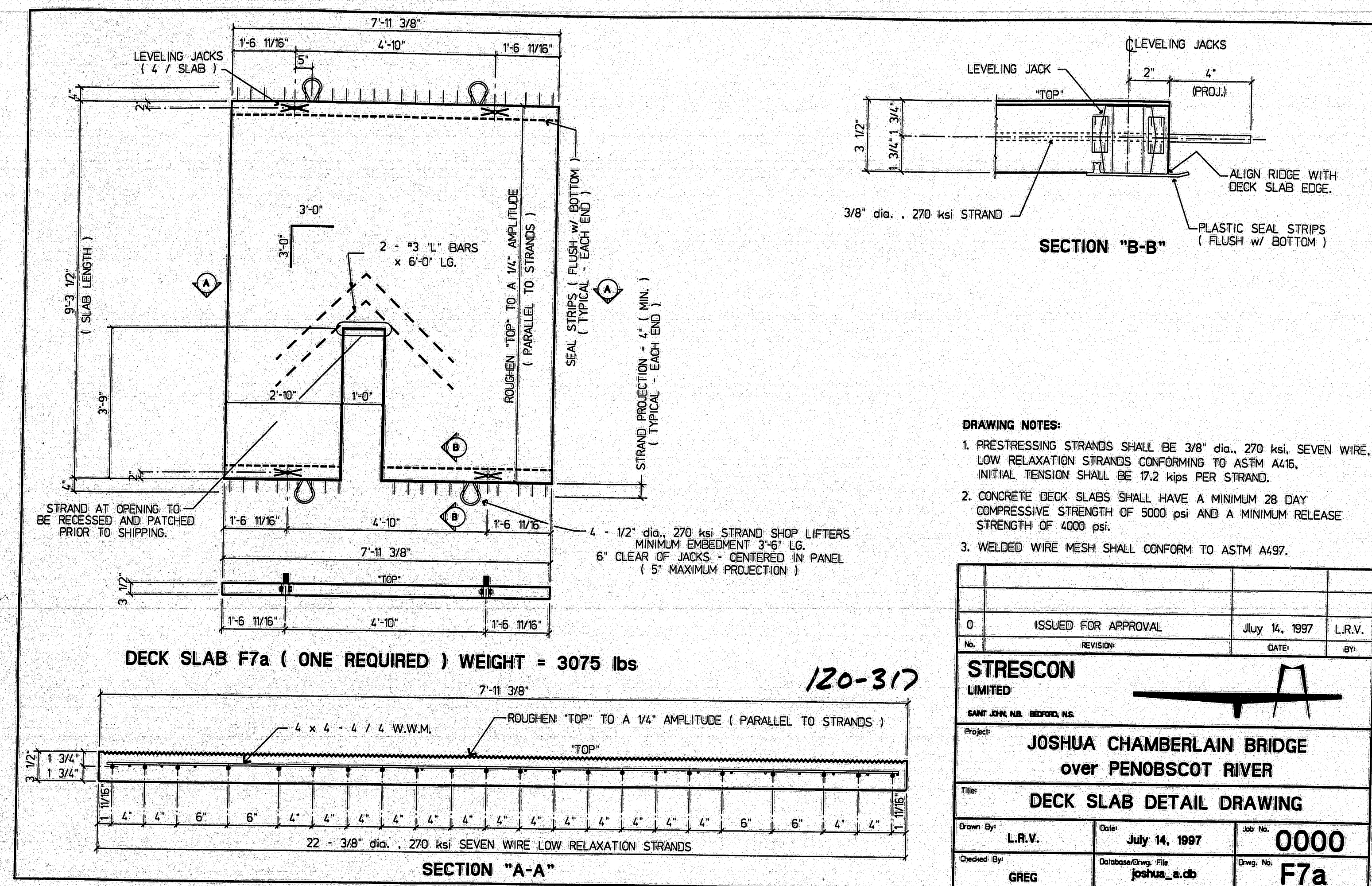
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0	ISSUED FOR APPROVAL	July 8, 1997	L.R.V.
1	REVISION	DATE	BY

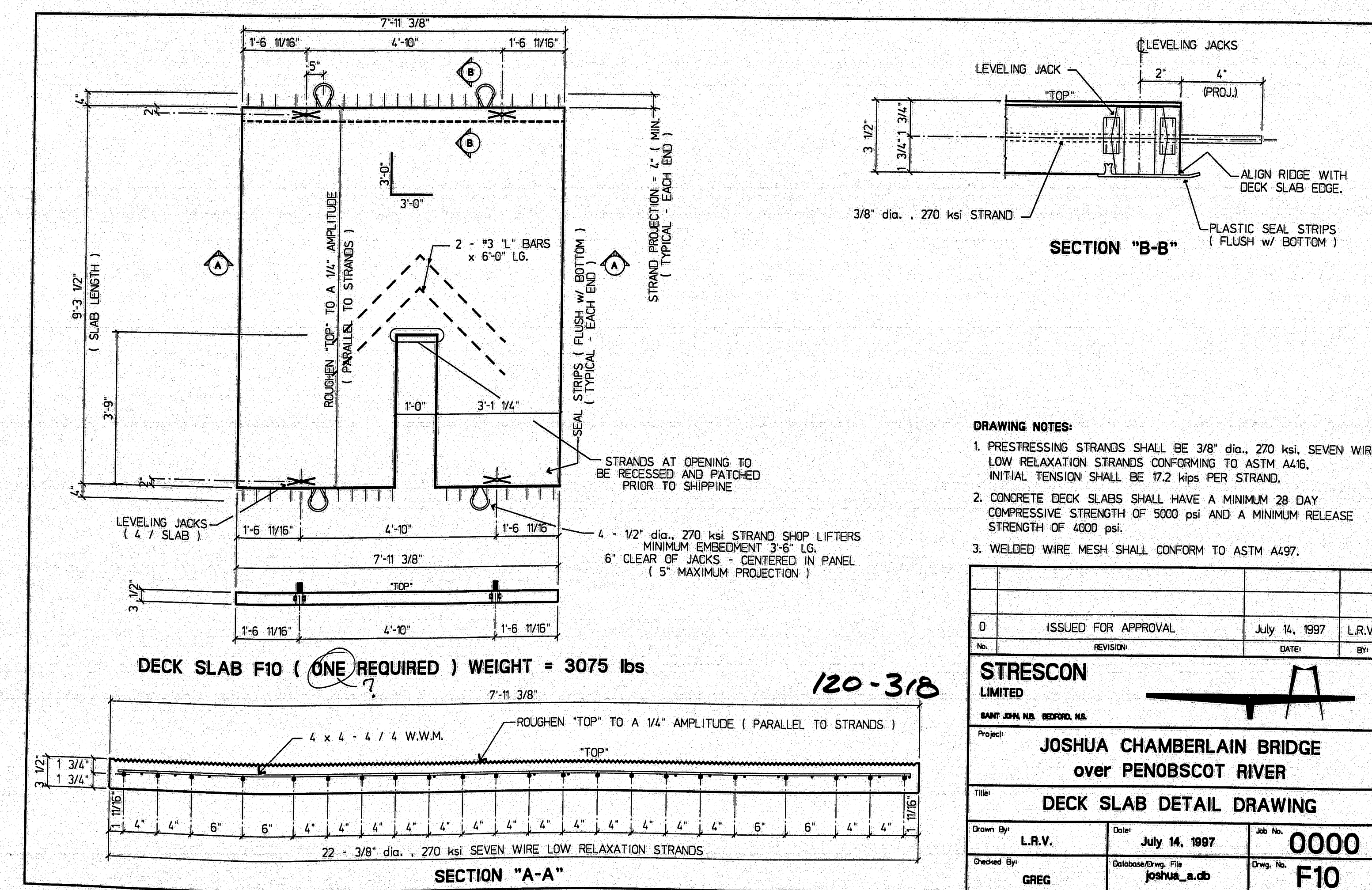
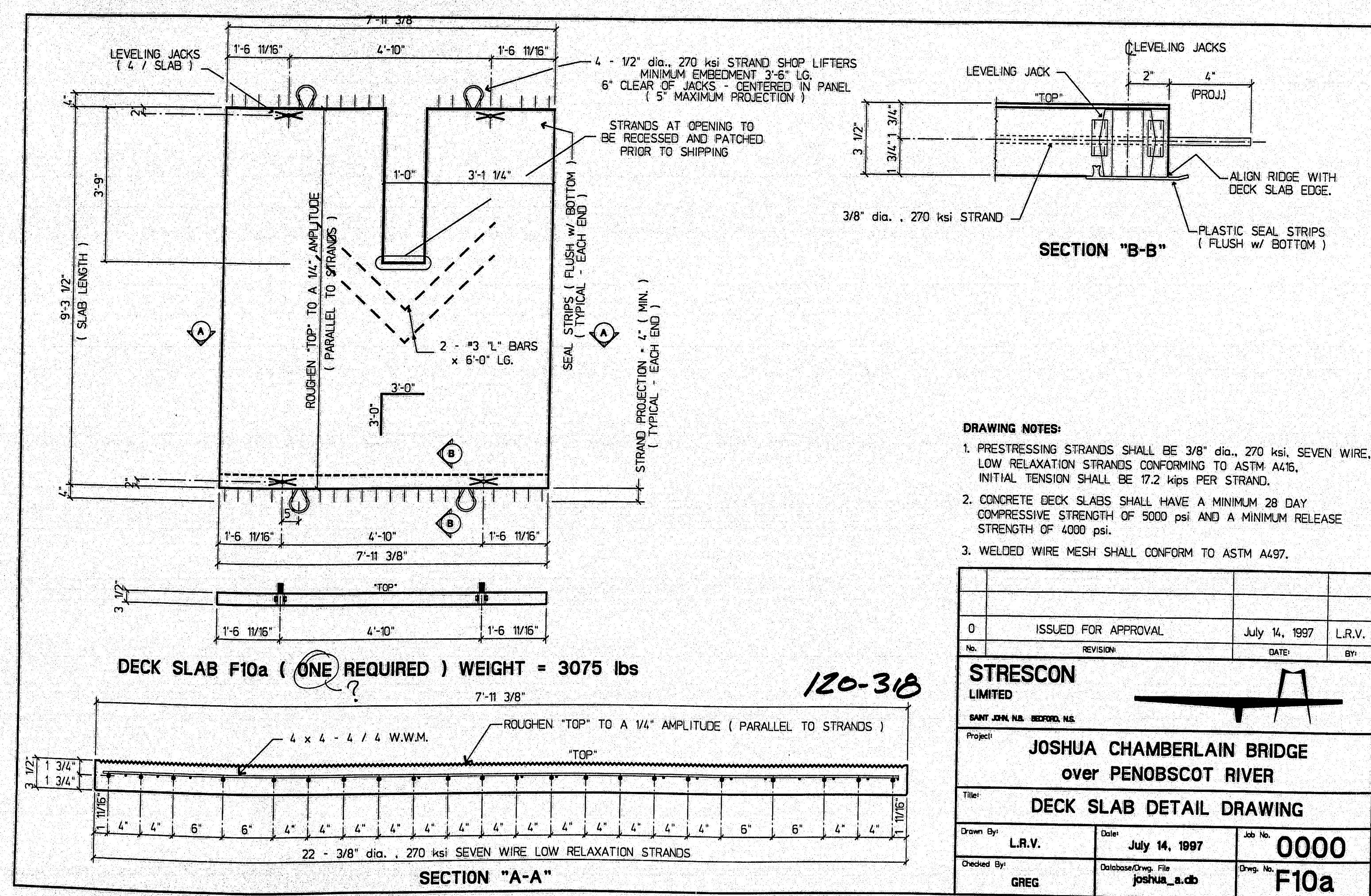
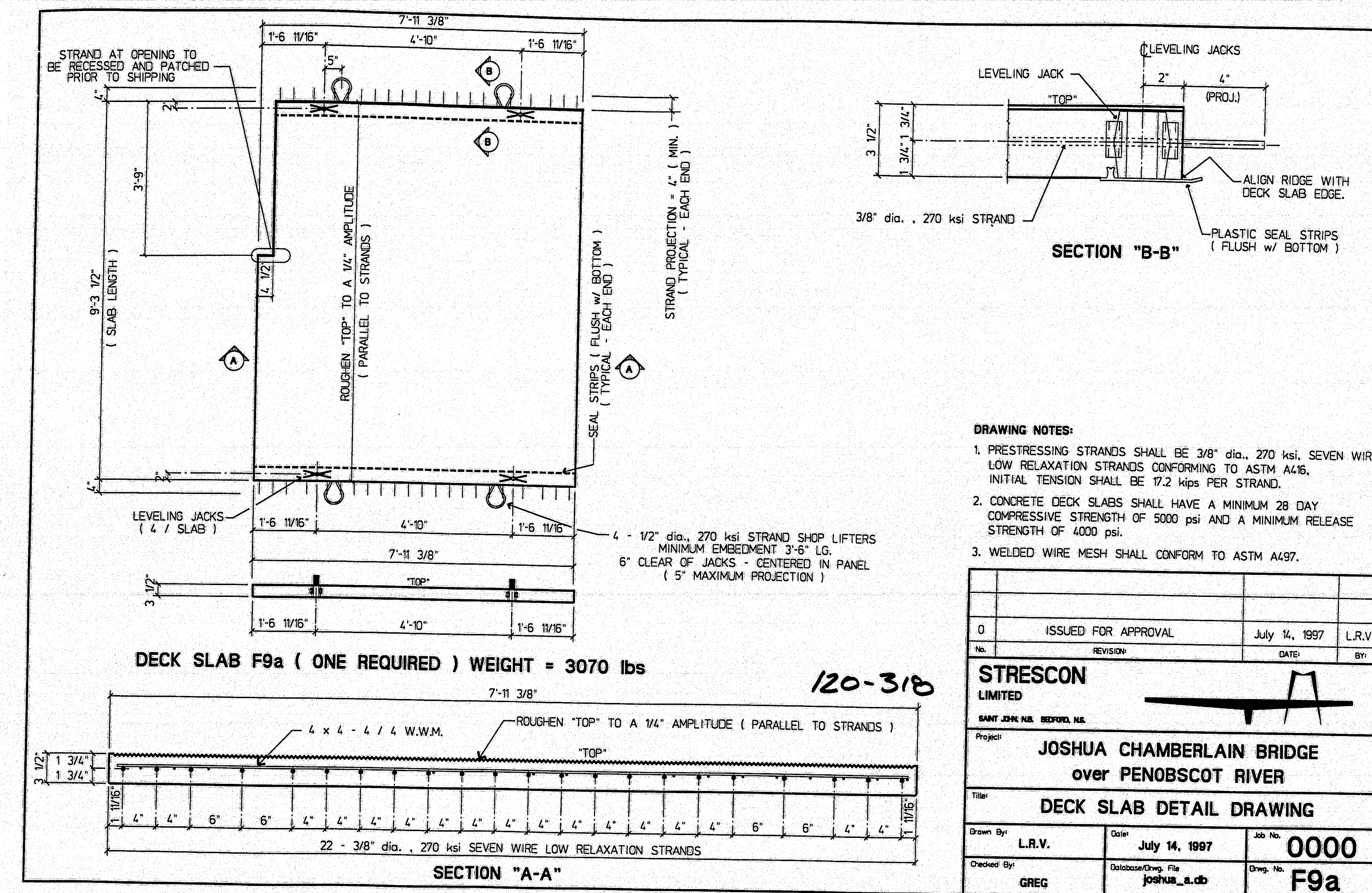
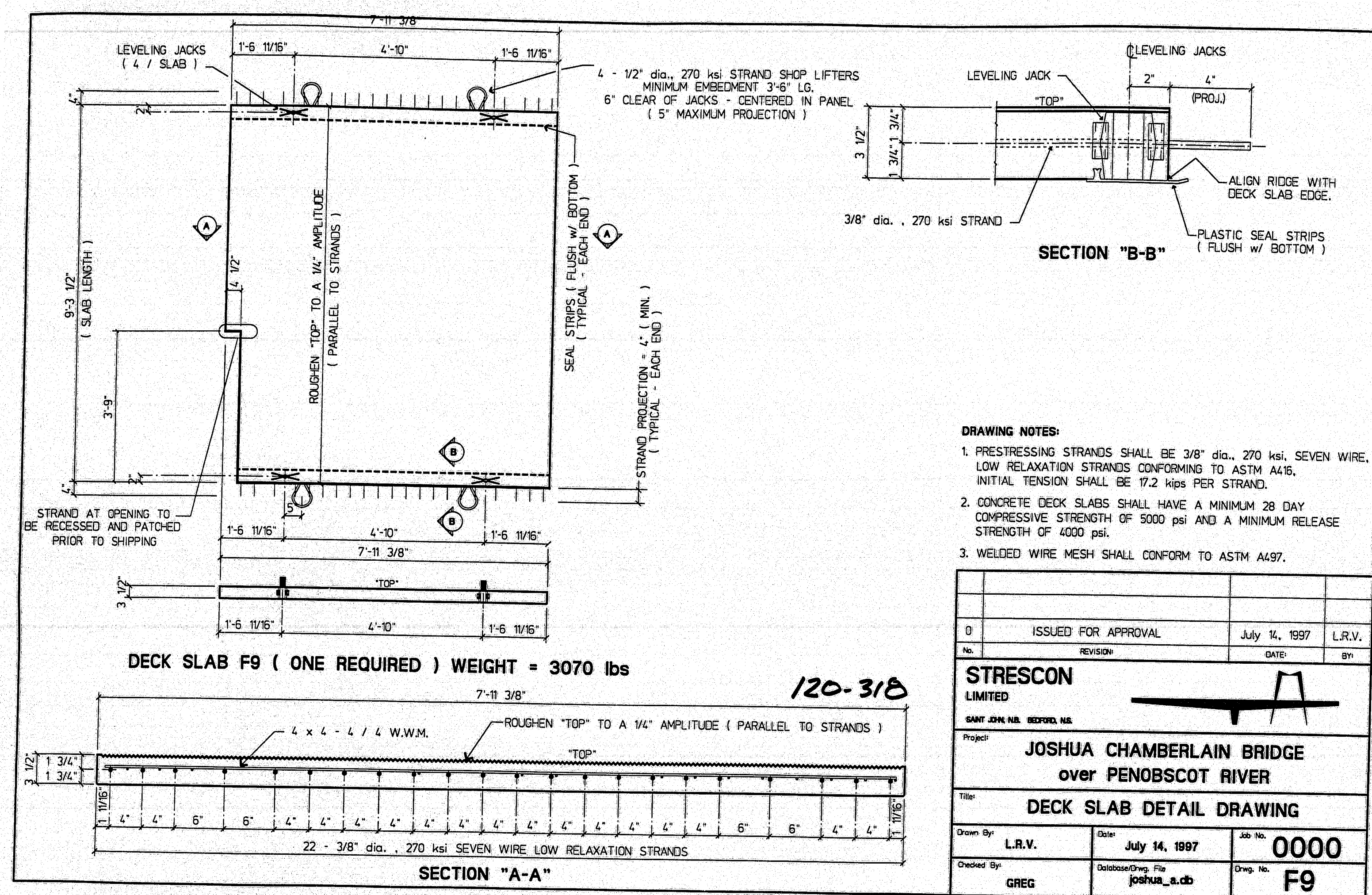
STRESCON LIMITED
SANT JOSE, CA, 95050, U.S.A.
Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**
Title: **DECK SLAB DETAIL DRAWING**
Drawn By: L.R.V. Date: May 28, 1997 Job No: 0000
Checked By: GREG Date: joshua_a.cb Drawn By: F2

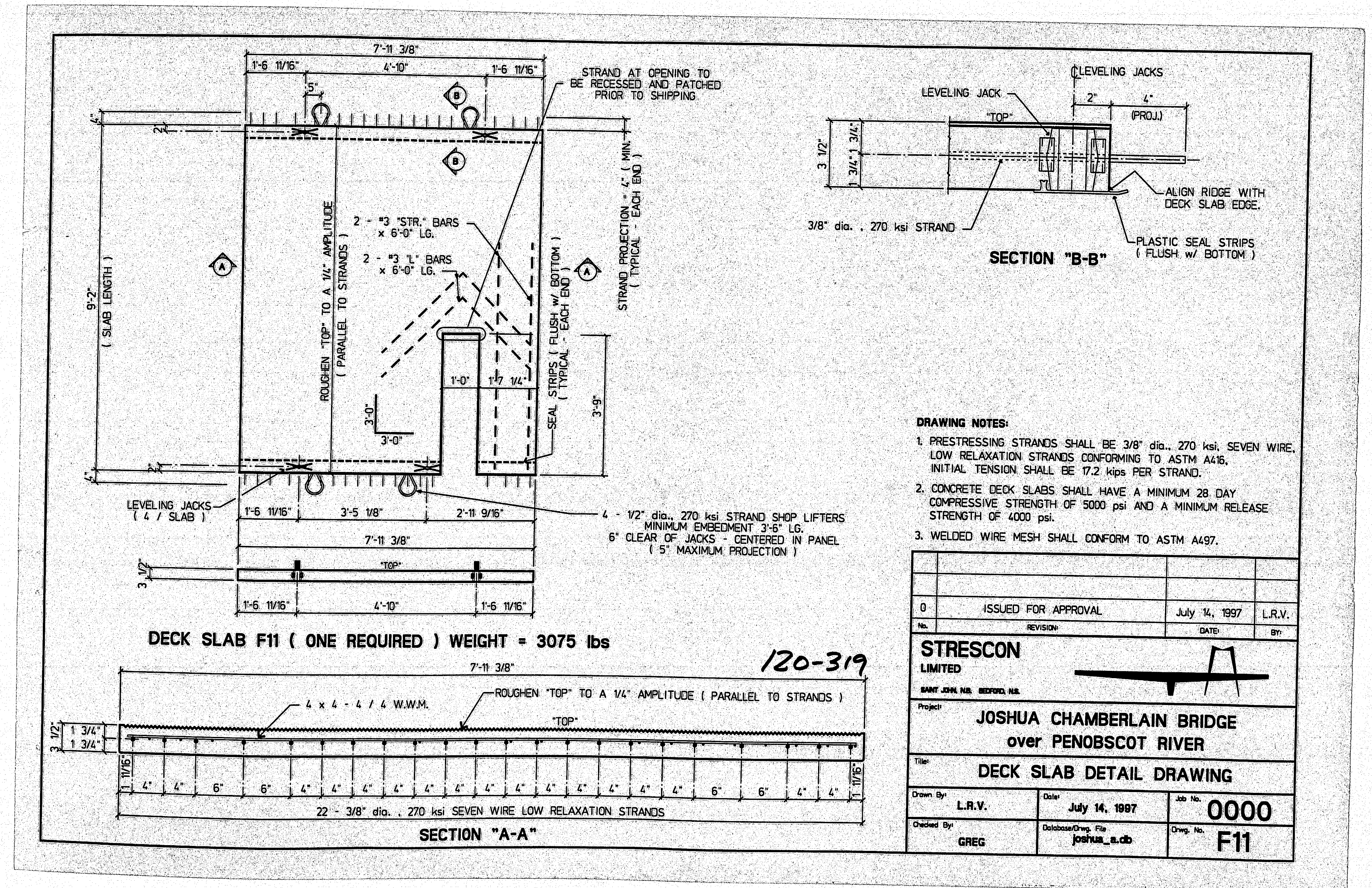
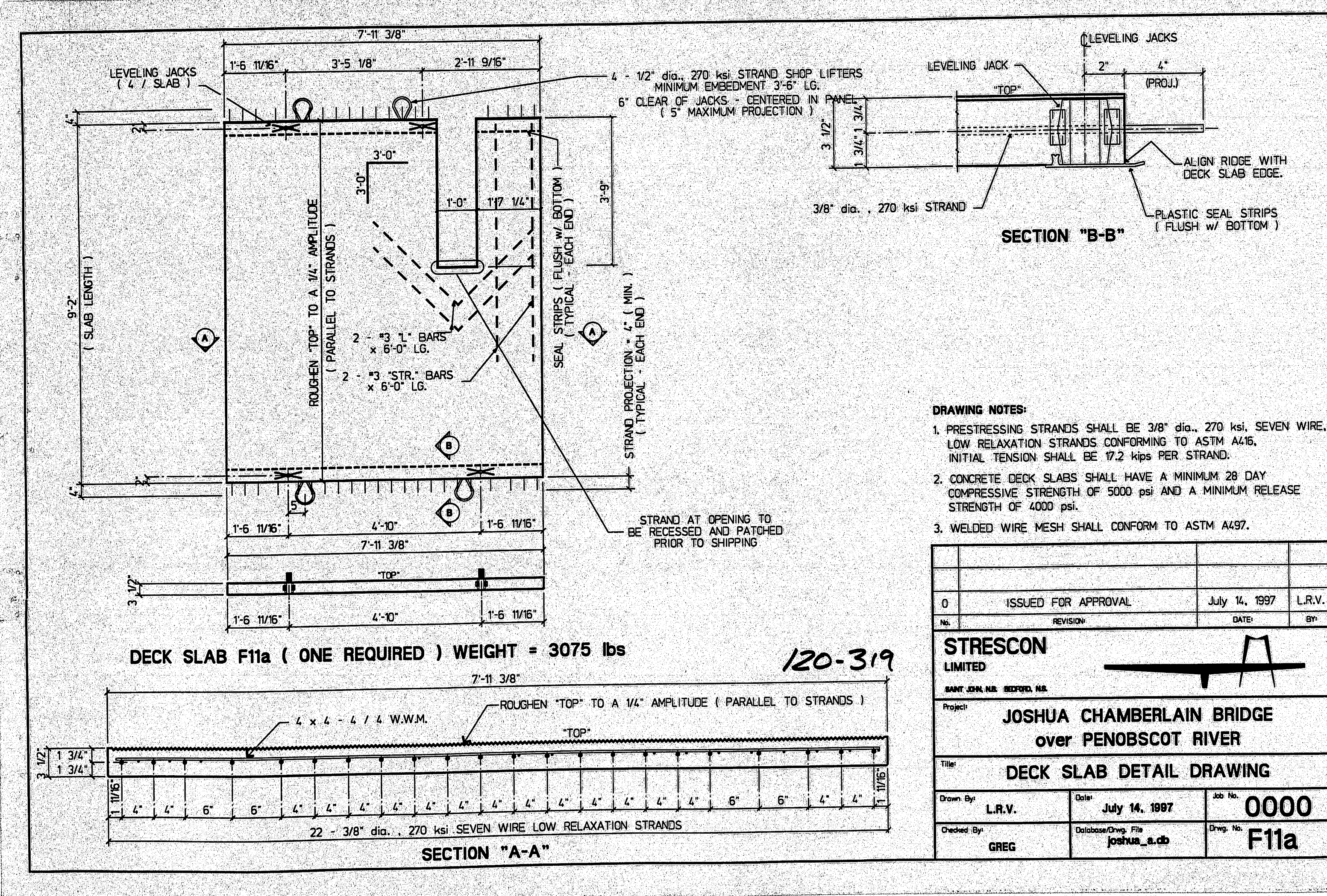


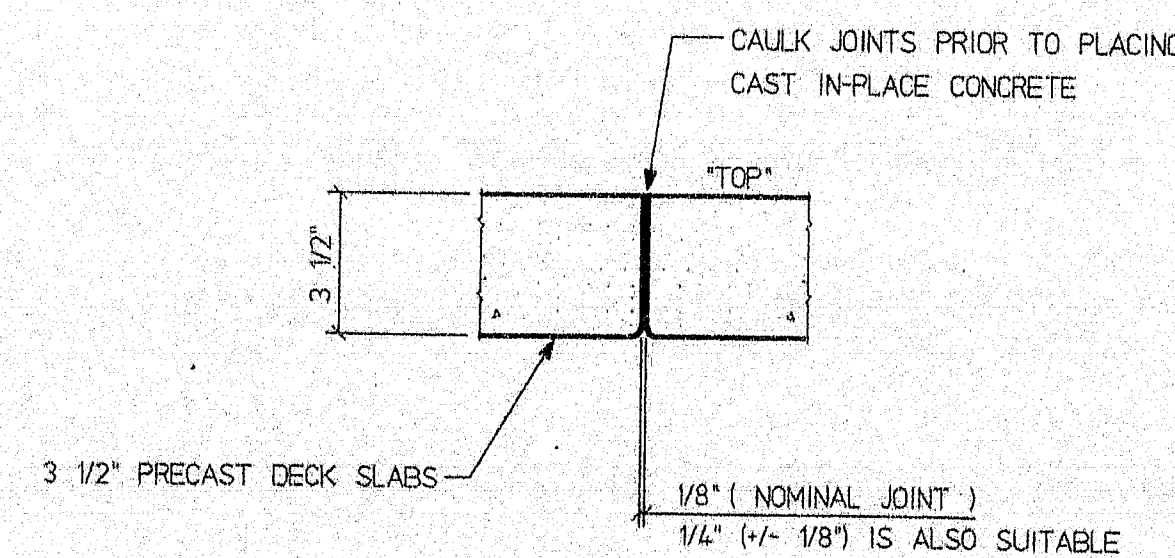
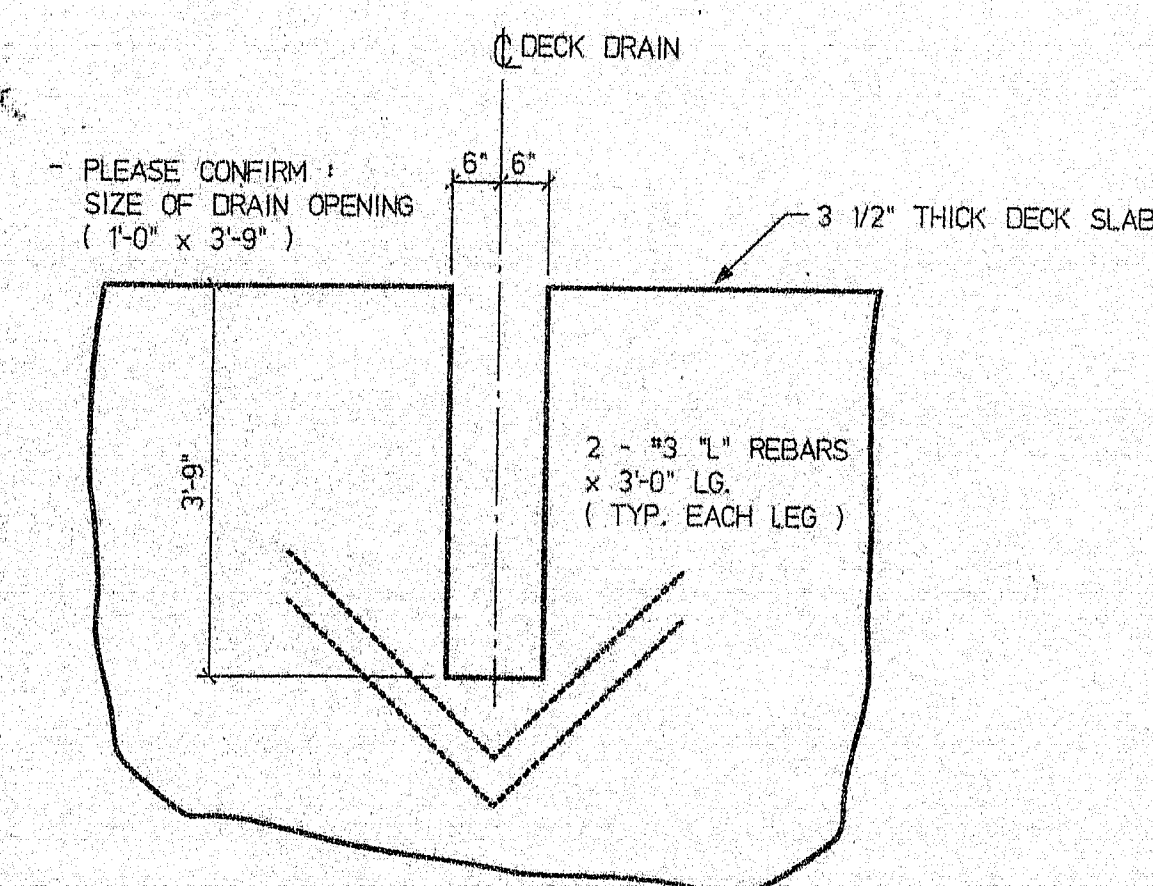
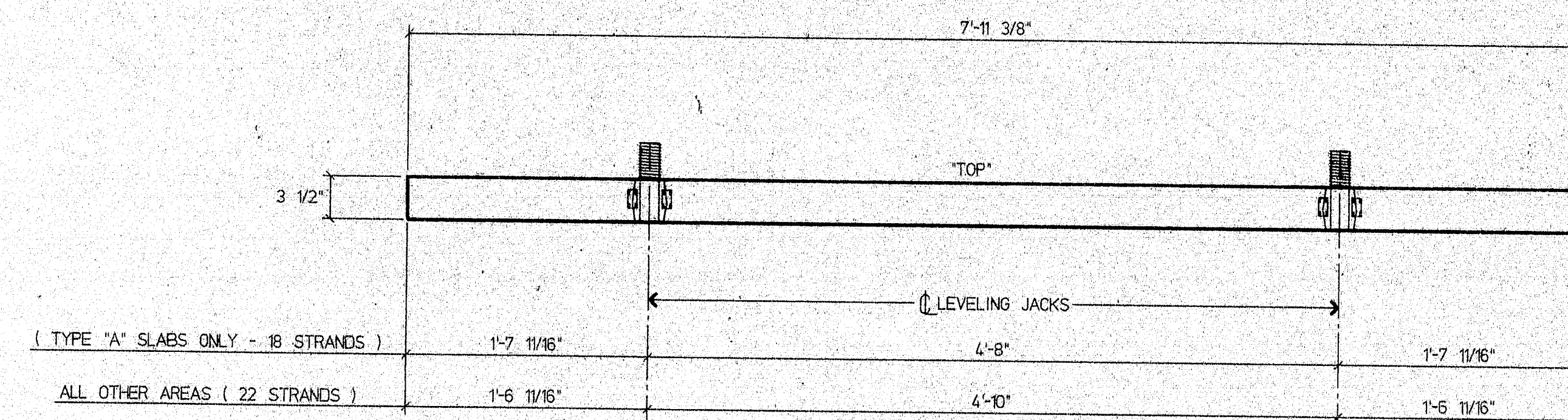
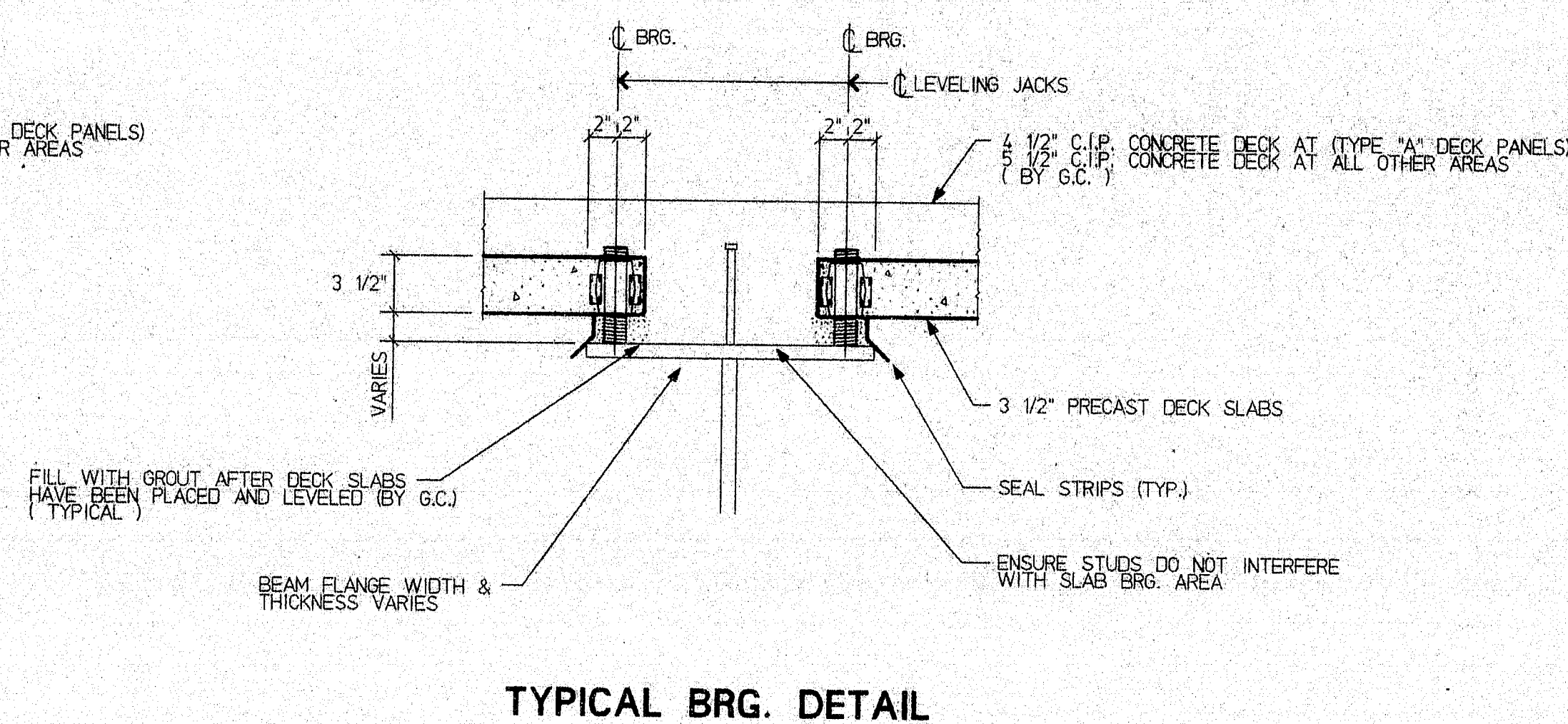
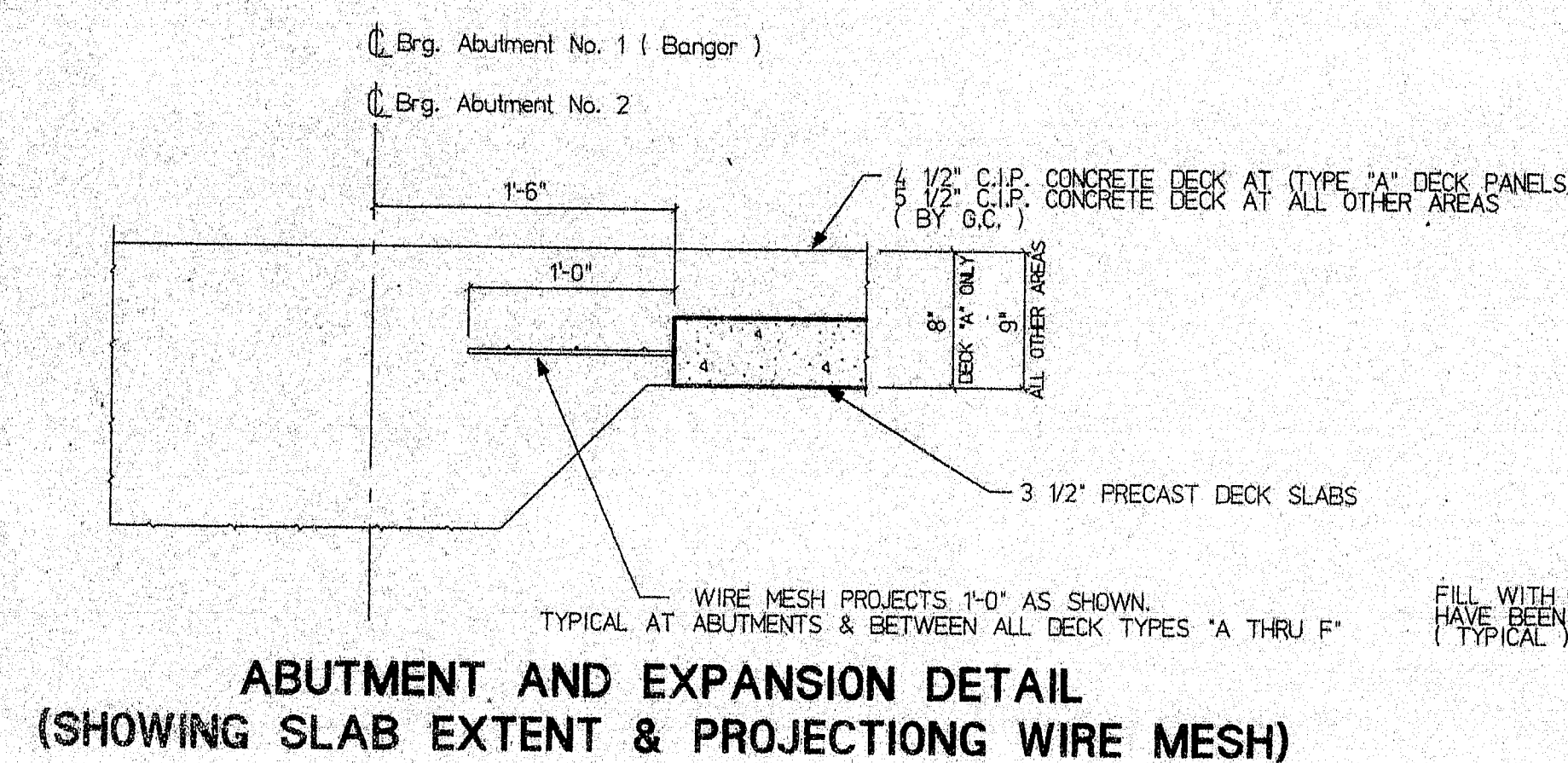
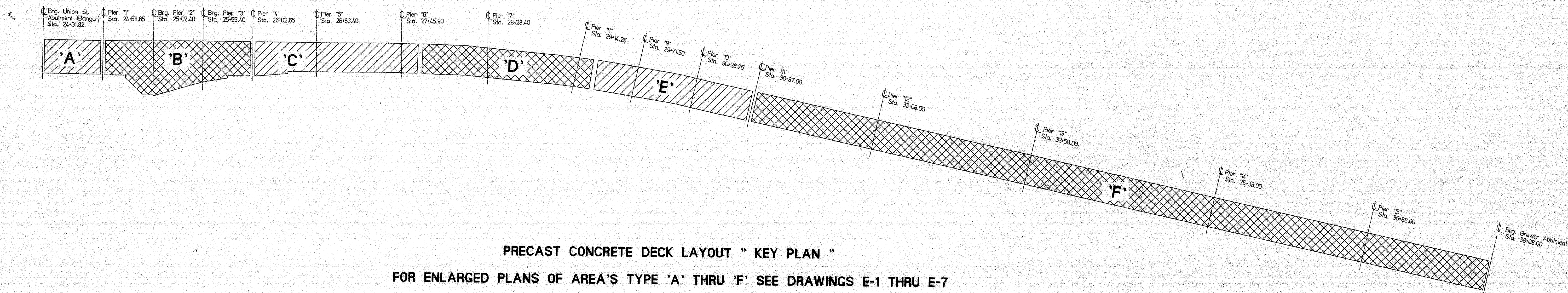












- CONTRACTOR'S NOTES:**
- 1) SHEAR CONNECTIONS HAVE TO BE INSTALLED AFTER PANELS ARE ERECTED.
 - 2) SHEAR CONNECTIONS HAVE TO BE INSTALLED IN A SINGLE ROW. THE SPECIFIED QUANTITY WILL BE ACHIEVED BY REDUCING THE SPACING.
 - 3) GENERAL CONTRACTOR IS RESPONSIBLE FOR THE CONNECTING OF THE CONDUIT FOR LIGHTING TO THE UNDERSIDE OF THE DECK SLABS.

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION DIVISION

☒ NO EXCEPTIONS TAKEN ☐ EXCEPTIONS NOTED

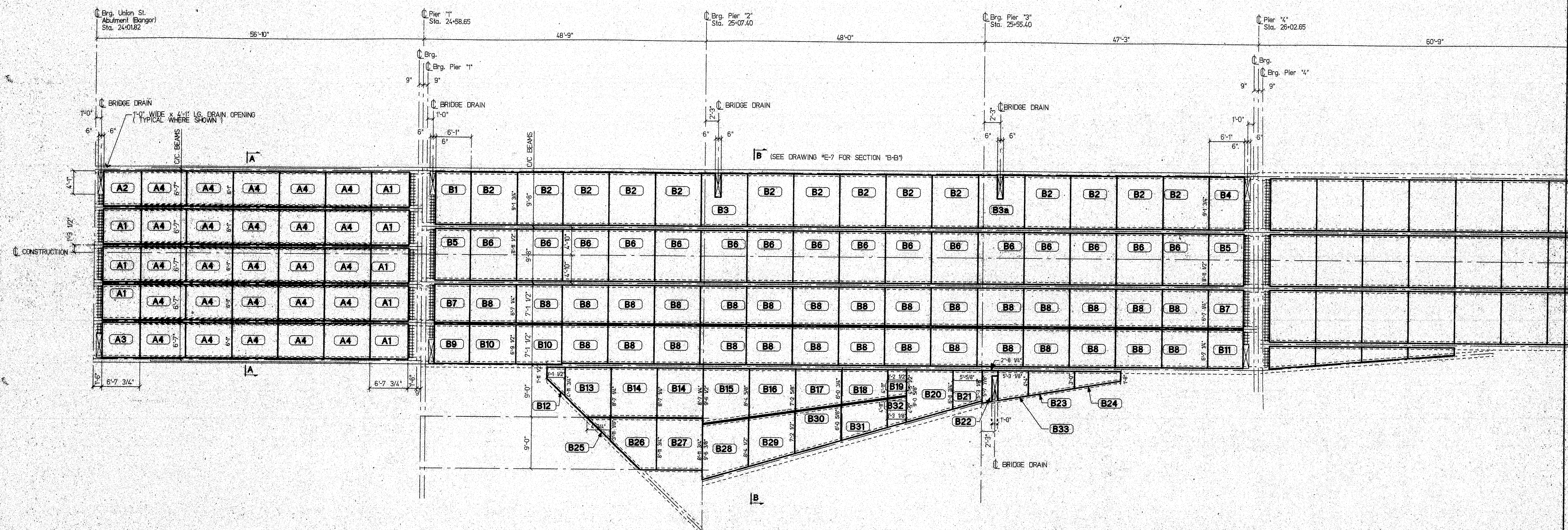
REV 6 1507

☐ RETURNED FOR CORRECTIONS ☐ REJECTED
 DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS

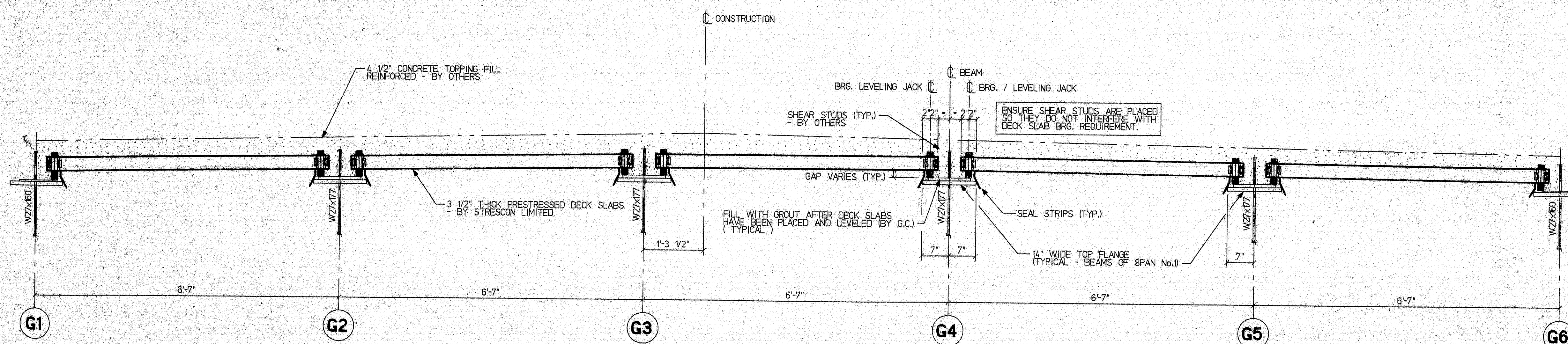
NAME TITLE

120-320

ENGINEER'S STAMP		CUSTOMER		REED & REED, INC. WOOLWICH, MAINE		STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.			
1 ADDITIONAL NOTES 07/08/97 L.R.V. GREG. 0 ISSUED FOR APPROVAL 05/23/97 GREG.		ARCHITECT OF CON. ENGINEER Dept. of Transportation, Maine		PROJECT JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER		TITLE KEY PLAN AND TYPICAL DETAILS		CONTRACT NUMBER 5760	
NO. 1 REVISION DATE BY CHKD.		DATABASE/CONV. FILE jrmisc./pshour.cb		DRAWING NO. E-0		REV.		120-320	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "A-A"

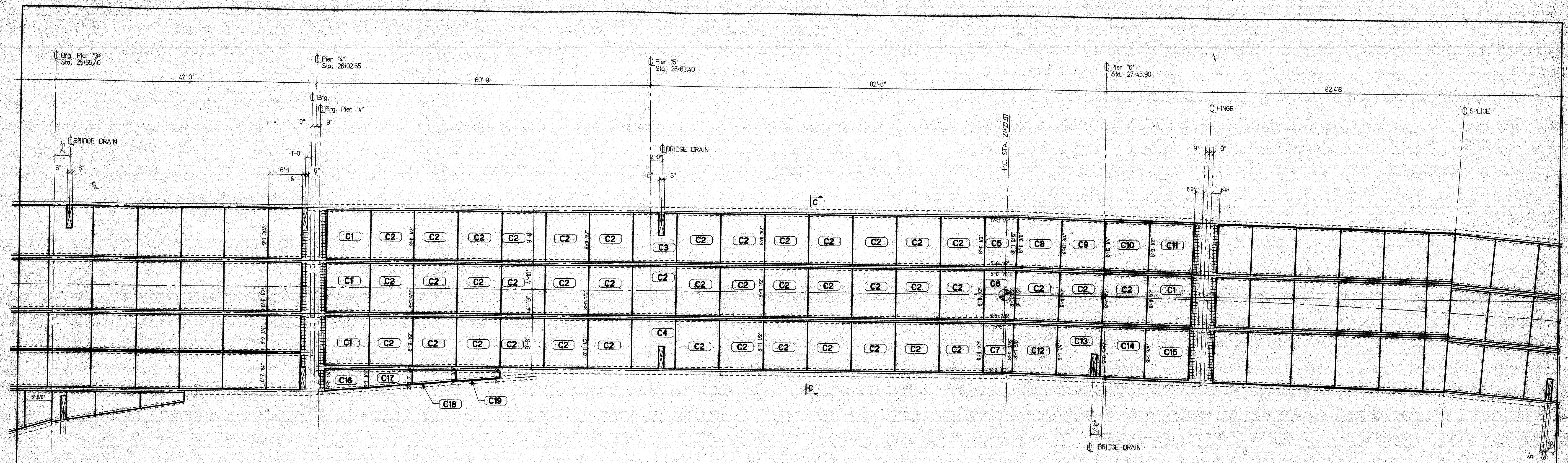
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AUG 6 1997	
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DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS.	
NAME	TITLE

DRAWING NOTES:

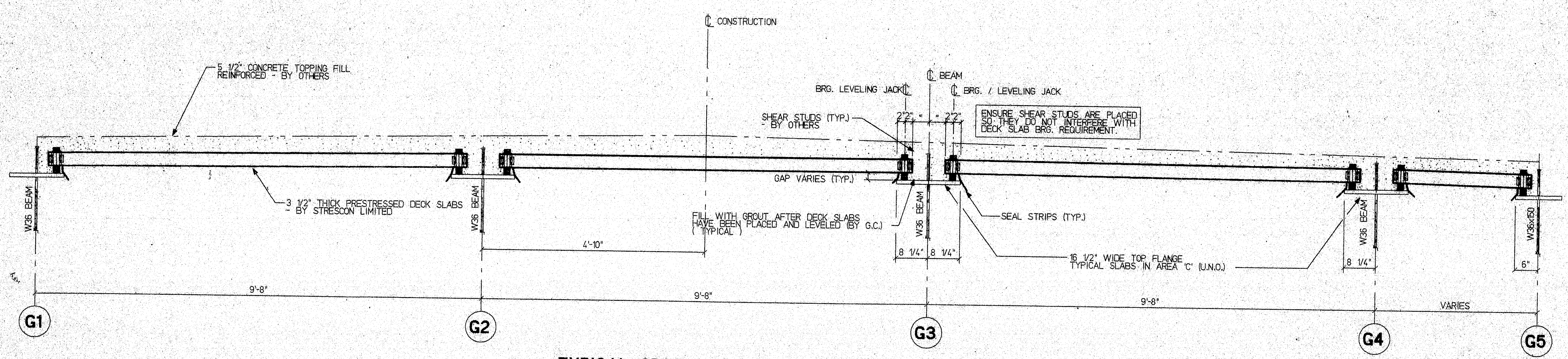
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A197.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 7.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNO.).

120-321

ENGINEER'S STAMP		CUSTOMER: REED & REED, INC. WOOLWICH, MAINE		STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S. PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER		
ARCHITECT OF RECORD, ENGINEER Dept. of Transportation, Maine		DATE: 07/08/97 BY: L.R.V. GREG 0 ISSUED FOR APPROVAL 05/23/97 GREG		TITLE: TYPES "A" & "B" SLAB LAYOUT DATADRAWING FILE: 1mlsc/jshua2.db CONTRACT NUMBER: 5760 DRAWING NO.: E-1		



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "C-C"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☒ NO EXCEPTIONS TAKEN ☐ EXCEPTIONS NOTED

AUG 6 1997

☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105
OF STANDARD SPECIFICATIONS

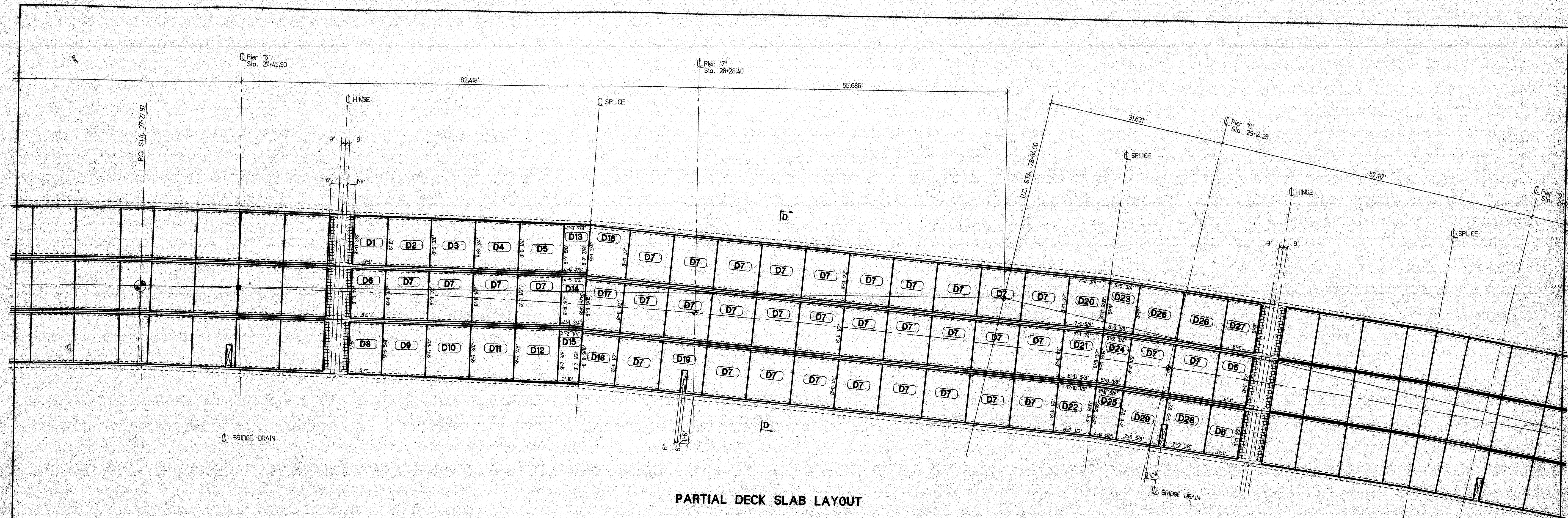
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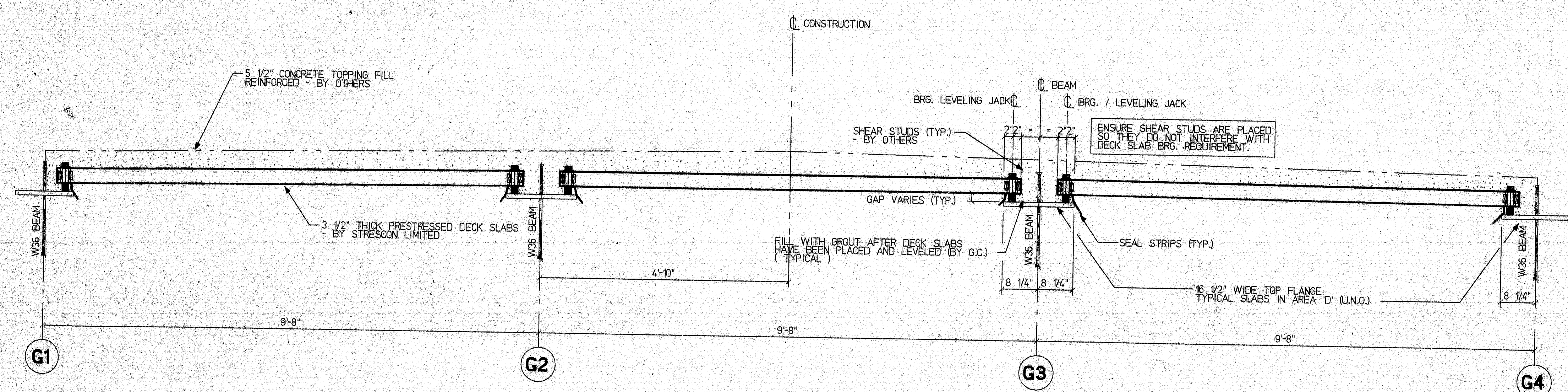
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A697.
2. PRESTRESSING STRANDS SHALL BE 3/8" DIA., 270 KSI, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A421. INITIAL TENSION SHALL BE 17.2 KIPS PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI AND A MINIMUM RELEASE STRENGTH OF 4000 PSI.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2").
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNO.).

120-322

ENGINEER'S STAMP		CUSTOMER		STRESCON LIMITED	
		REED & REED, INC. WOOLWICH, MAINE		SAINT JOHN, N.B. BEDFORD, N.S.	
		ARCHITECT OR CONSULTING ENGINEER		PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER	
		Dept. of Transportation, Maine		TITLE: TYPE "C" SLAB LAYOUT	
1. FINAL RECORD DRAWING 07/08/97 L.R.V. GREG		DATE: 07/08/97 BY: GREG		CONTRACT NUMBER: 5760	
0. ISSUED FOR APPROVAL 05/23/97 GREG		DATE: 05/23/97 BY: GREG		DRAWING NO.: E-2	
NO. 1		REVISION		DRAWING FILE: hmsc/joshua2.dwg	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "D-D"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☒ NO EXCEPTIONS TAKEN ☐ EXCEPTIONS NOTED

AUG 6 1997

☒ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105
OF STANDARD SPECIFICATIONS

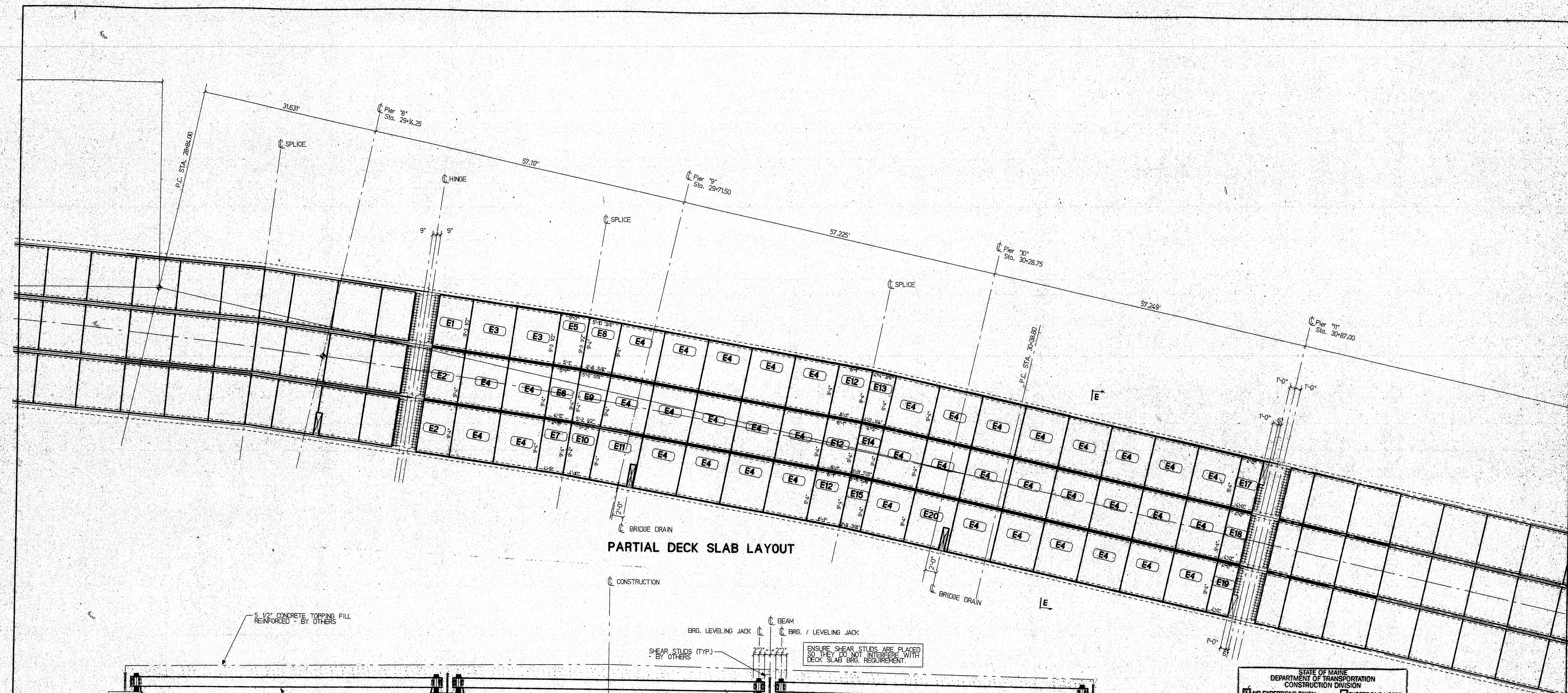
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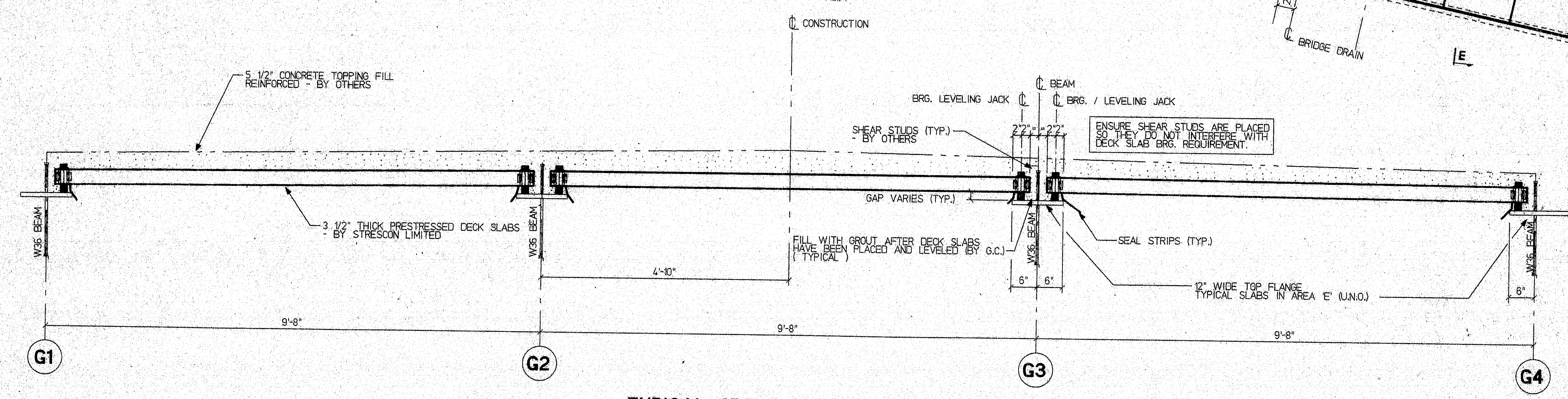
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A497.
2. PRESTRESSING STRANDS SHALL BE 3/8" DIA., 270 KSI, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 17.2 KIPS PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI AND A MINIMUM RELEASE STRENGTH OF 4000 PSI.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE. WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNO.)

120-323

ENGINEER'S STAMP		CUSTOMER		STRESCON LIMITED		STRESCON LIMITED	
		REED & REED, INC. WOOLWICH, MAINE		SAINT JOHN, N.B. BEDFORD, N.S.		PROJECT	
		ARCHITECT OR CONSULTING ENGINEER		JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER		TITLE	
		Dept. of Transportation, Maine		TYPE "D" SLAB LAYOUT		CONTRACT NUMBER	
0 FINAL RECORD DRAWING 07/08/97 L.R.V. GREG				DATE/REV. FILE		5760	
0 ISSUED FOR APPROVAL 05/23/97 GREG				DRAWING NO.		E-3	
NO. 1		DATE BY CHKD		DRAWING NO.		REV	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "E-E"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☒ NO EXCEPTIONS TAKEN ☐ EXCEPTIONS NOTED

AUG 6 1997

☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 305
OF STANDARD SPECIFICATIONS

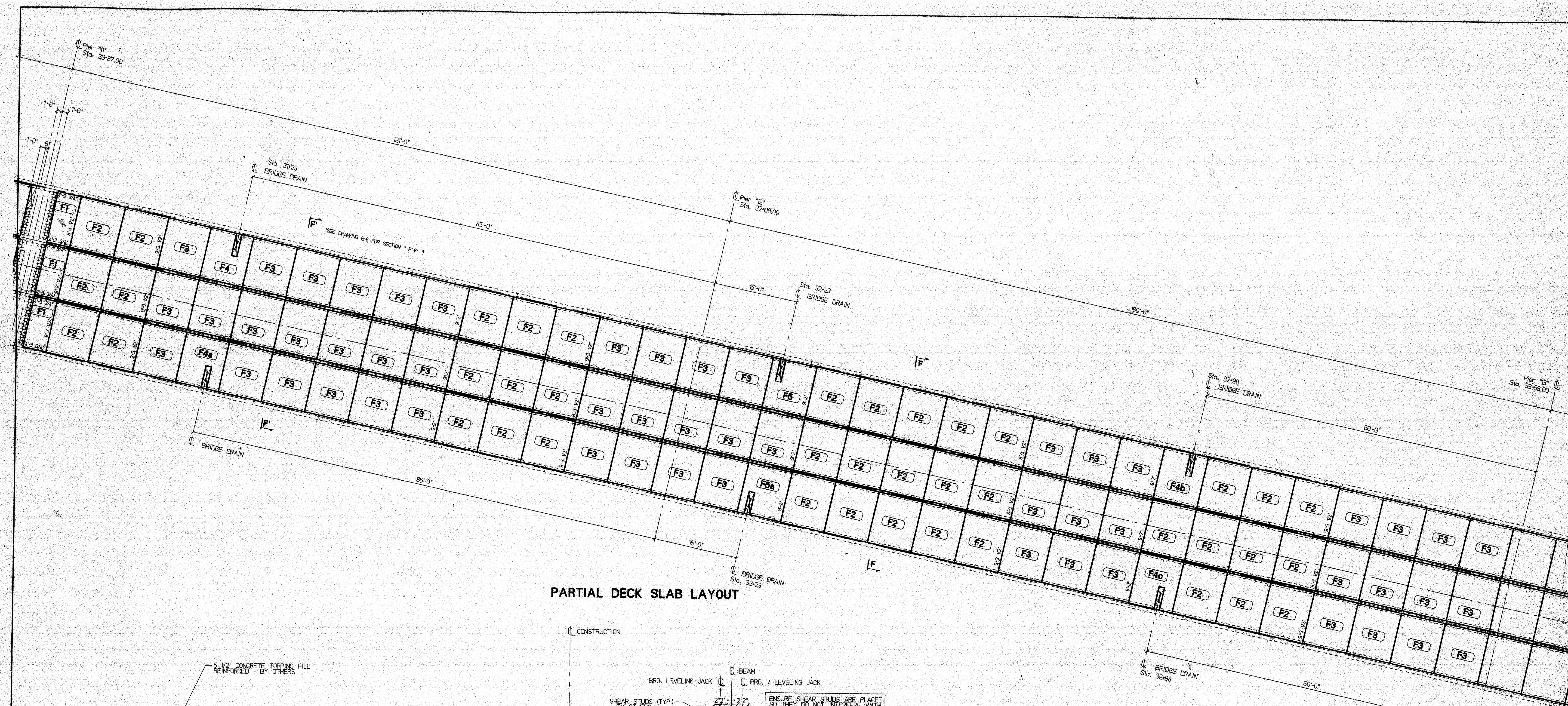
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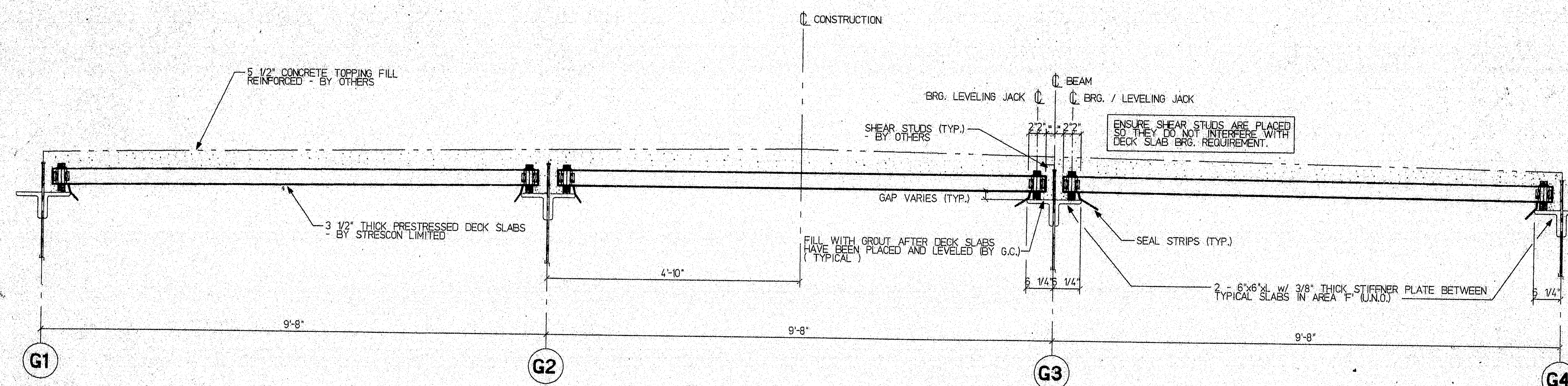
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A497.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE.
WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG.
(NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNO.)

120-324

ENGINEER'S STAMP		CUSTOMER		STRESCON LIMITED		STRESCON LIMITED	
		REED & REED, INC.		SAINT JOHN, N.B.		BEDFORD, N.S.	
		WOOLWICH, MAINE		PROJECT		JOSHUA CHAMBERLAIN BRIDGE	
		ARCHITECT OR CONSULTING ENGINEER		TITLE		TYPE "E" SLAB LAYOUT	
1 FINAL RECORD DRAWING 07/09/97 L.R.V. GREG		Dept. of Transportation, Maine		DRAWING NO.		5760	
0 ISSUED FOR APPROVAL 06/23/97 GREG				CONTRACT NUMBER		E-4	
REVISION		DATE		BY		CHKD.	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "F-F"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☒ NO EXCEPTIONS TAKEN ☐ EXCEPTIONS NOTED

AUG 6 1997

☒ RETURNED FOR CORRECTIONS ☐ REJECTED

DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS

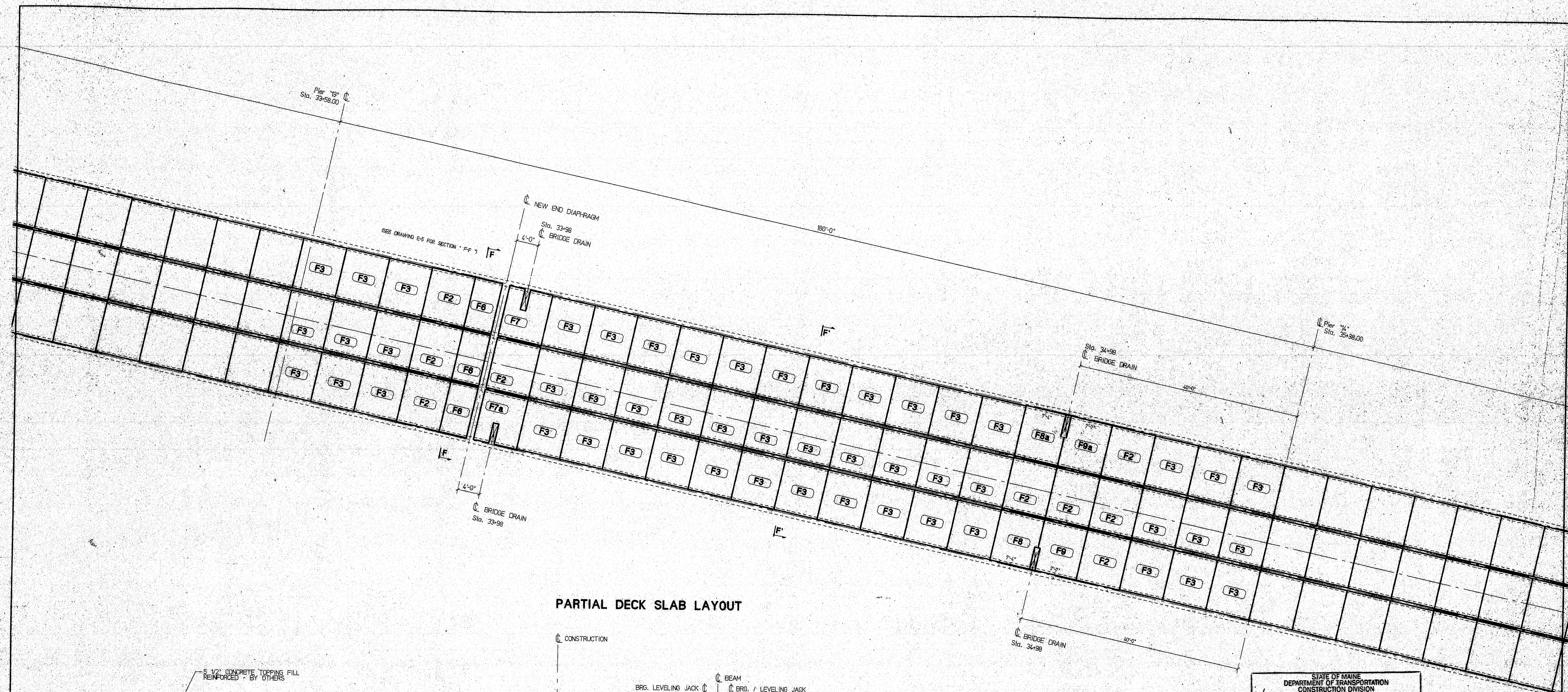
NAME: *[Signature]* TITLE: *FE*

DRAWING NOTES:

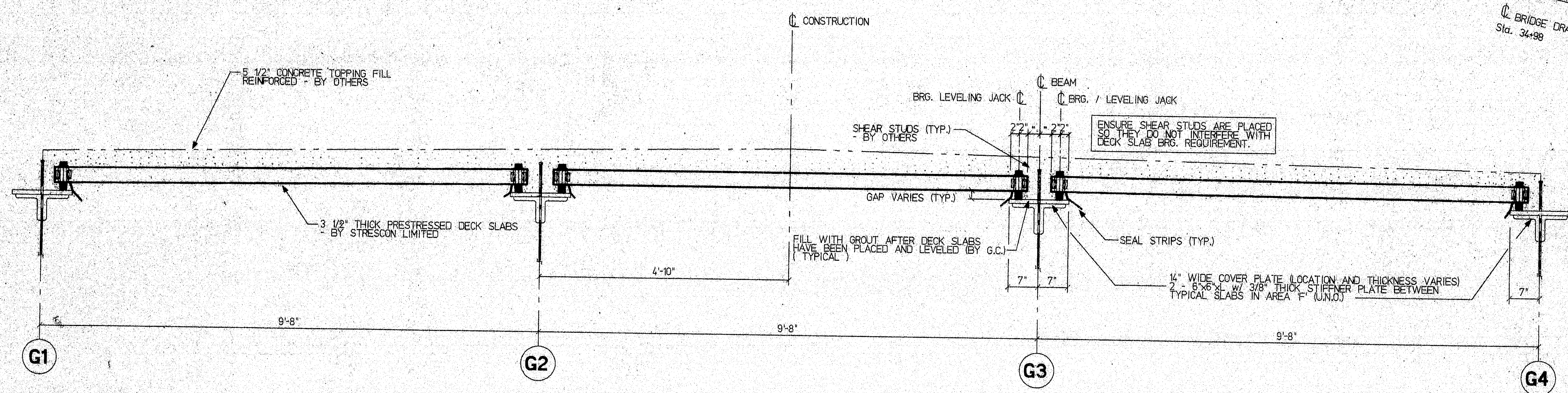
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A497.
- PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A48. INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
- CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
- PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
- 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
- ALL PRECAST DECK SLABS ARE 7'-11 1/2" G/C JOINTS (UNO.)

120-325

ENGINEER'S STAMP		CUSTOMER		STRESCON LIMITED	
		REED & REED, INC. WOOLWICH, MAINE		SAINT JOHN, N.B. BEDFORD, N.S.	
		ARCHITECT OR CONSULTING ENGINEER		PROJECT	
		Dept. of Transportation, Maine		JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER	
1 FINAL RECORD DRAWING 07/08/97 L.R.V. GREG		TITLE		PART	
0 ISSUED FOR APPROVAL 05/23/97 GREG		TYPE "F" SLAB LAYOUT (1 OF 3)		DATA/ARCH/FILE	
NO. 1 REVISION DATE BY D.K.D.				CONTRACT NUMBER	
				5760	
				DRAWING NO.	
				E-5	
				REV	
				1	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION " F-F "

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☒ NO EXCEPTIONS TAKEN ☐ EXCEPTIONS NOTED

AUG 6 1997

☐ RETURNED FOR CORRECTIONS ☐ REJECTED

DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS

NAME: *[Signature]* TITLE: *[Signature]*

DRAWING NOTES:

1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A497.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A456. INITIAL TENSION SHALL BE 12.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE. WHEN LAYING DECK, TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2".)
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNCL.)

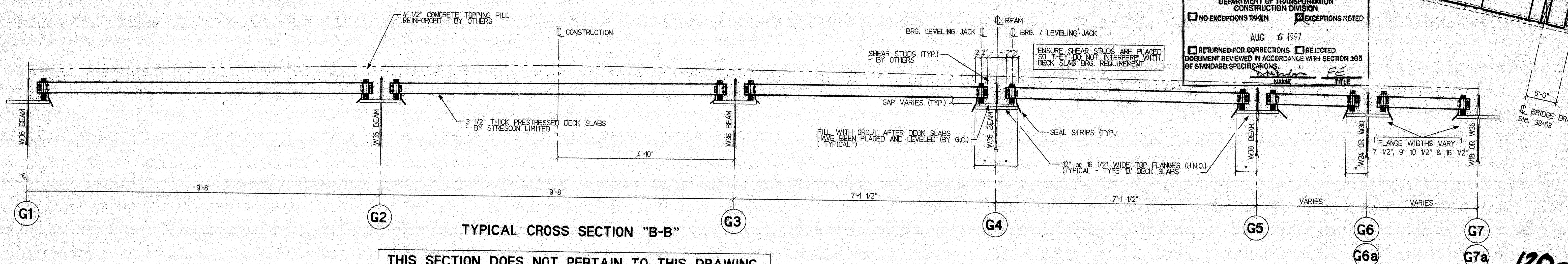
120-326

ENGINEER'S STAMP		CUSTOMER		STRESCON LIMITED		
REED & REED, INC. WOOLWICH, MAINE ARCHITECT OF RECORD-ENGINEER Dept. of Transportation, Maine		SAINT JOHN, N.B. BEDFORD, N.S. PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER		CONTRACT NUMBER: 5760 DRAWING NO.: E-6		
1. FINAL RECORD DRAWING 07/08/97 L.R.V. GREG 2. ISSUED FOR APPROVAL 08/23/97 GREG NO. 1. REVISION 1. DATE: BY: CWD		PART: TYPE "F" SLAB LAYOUT (2 OF 3) ONTARIO/COWI FILE: Project/Joshua2.dwg				

DRAWING NOTES:

1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A697.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE LOW RELAXATION STRANDS CONFORMING TO ASTM A455. INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE. WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNO.)

PARTIAL DECK SLAB LAYOUT



THIS SECTION DOES NOT PERTAIN TO THIS DRAWING
REFER BACK TO DRAWING No. E-1

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☒ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED

AUG 6 1997

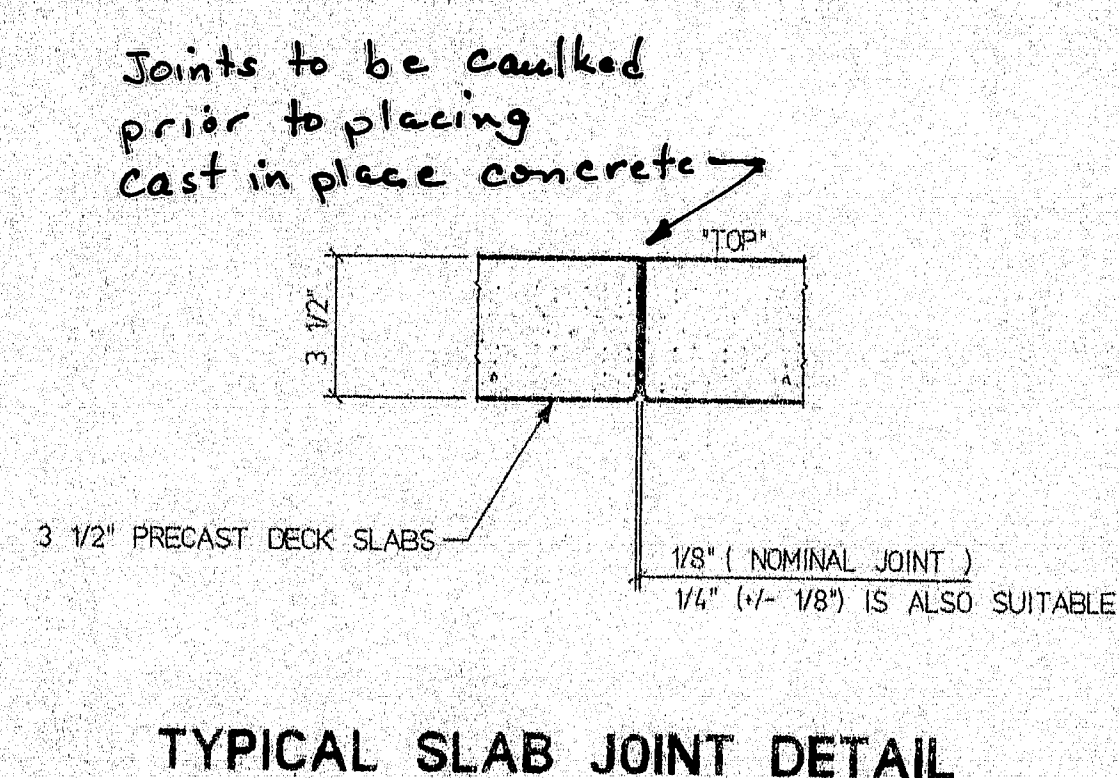
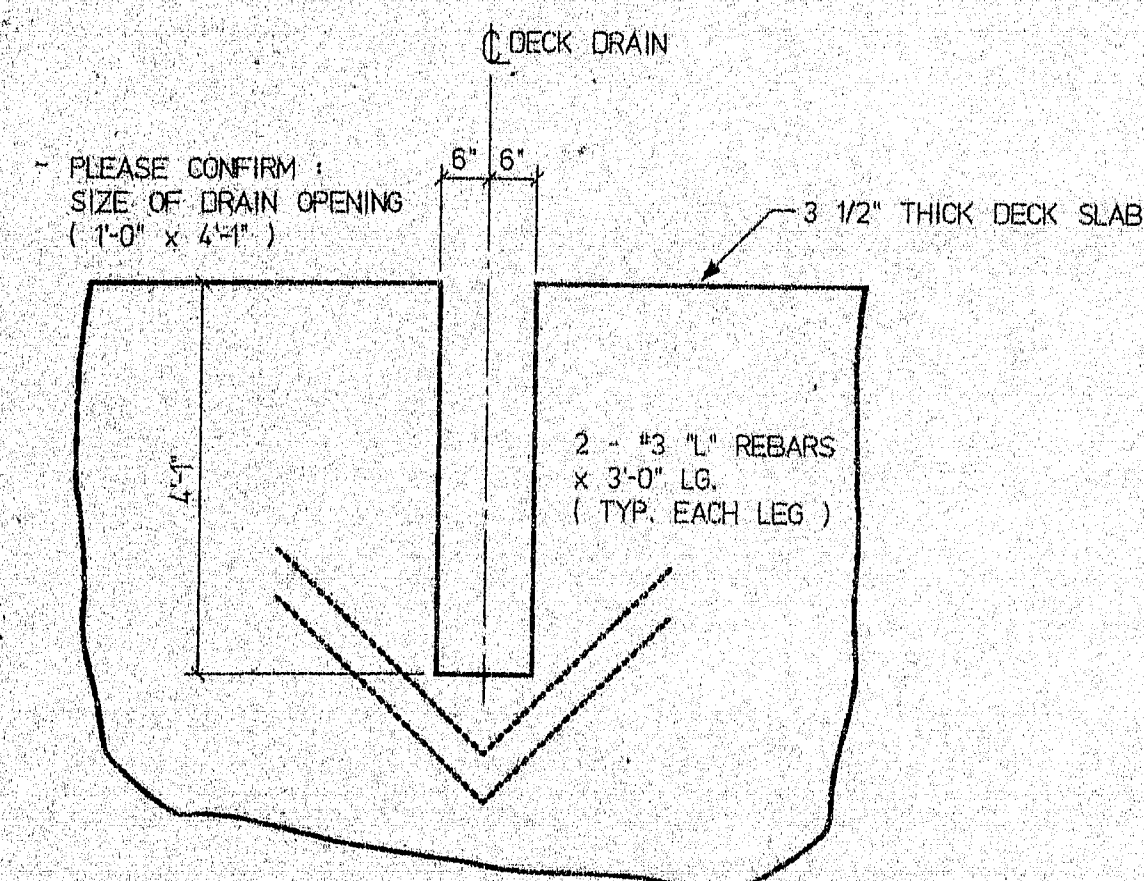
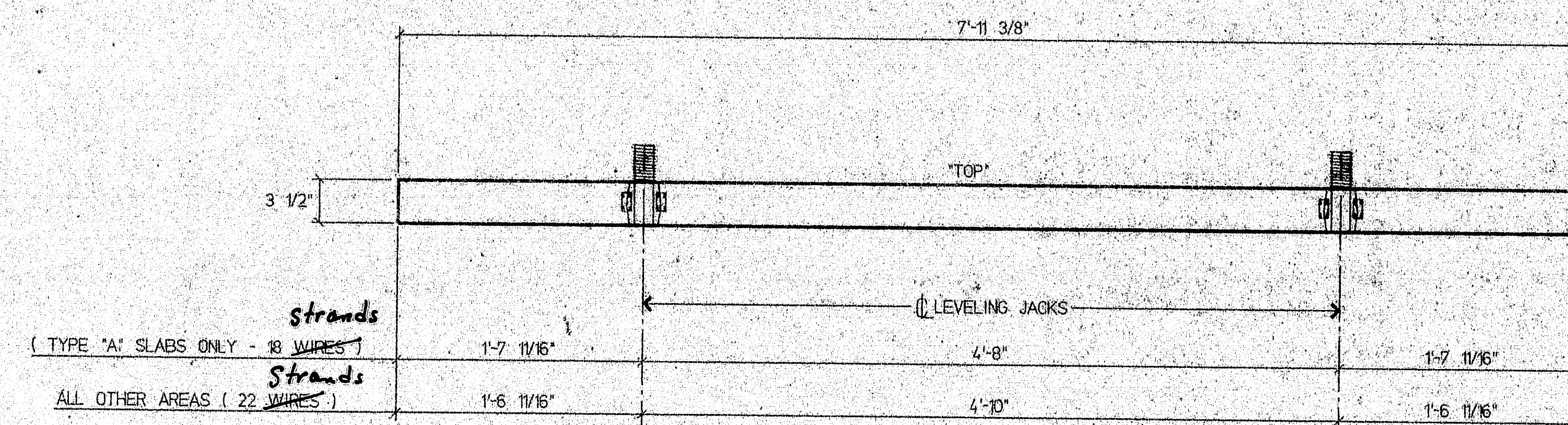
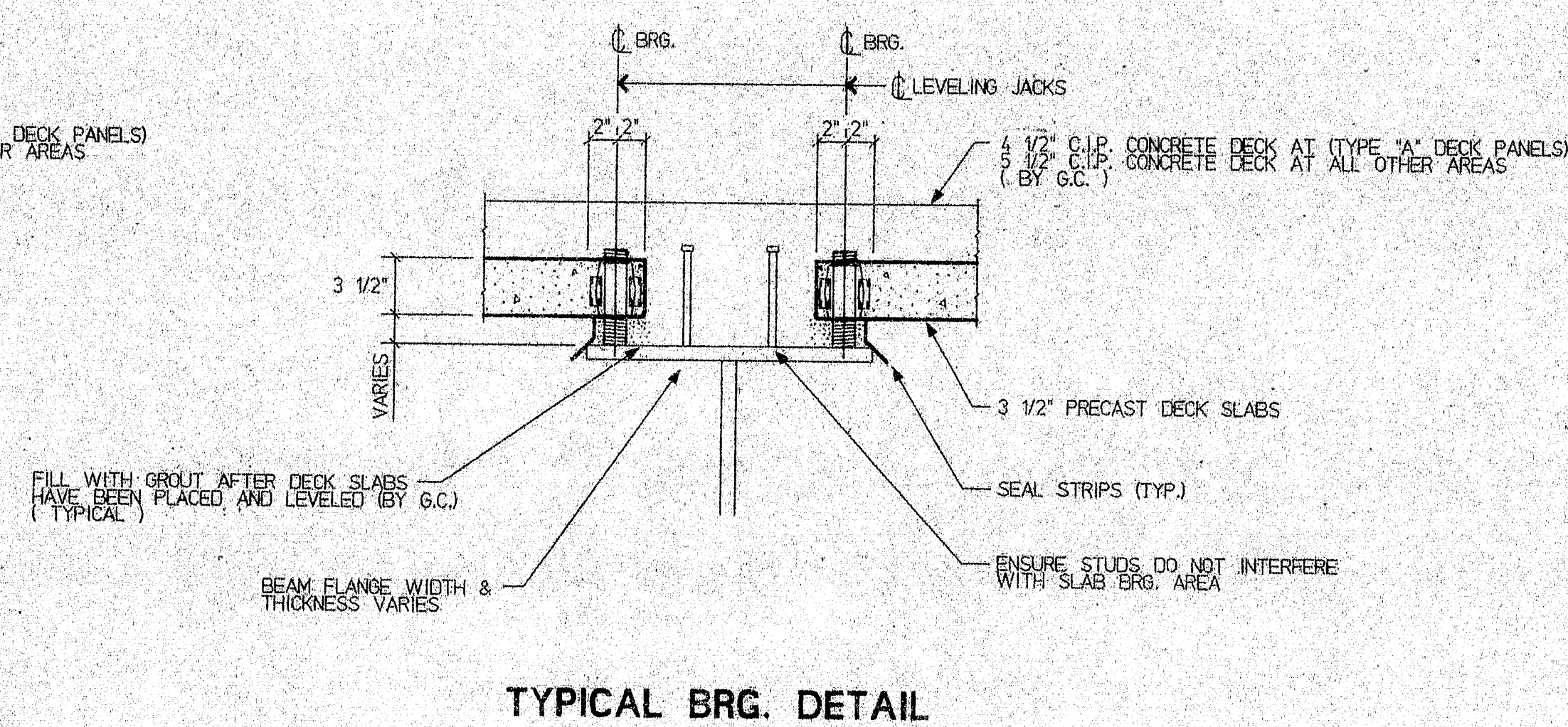
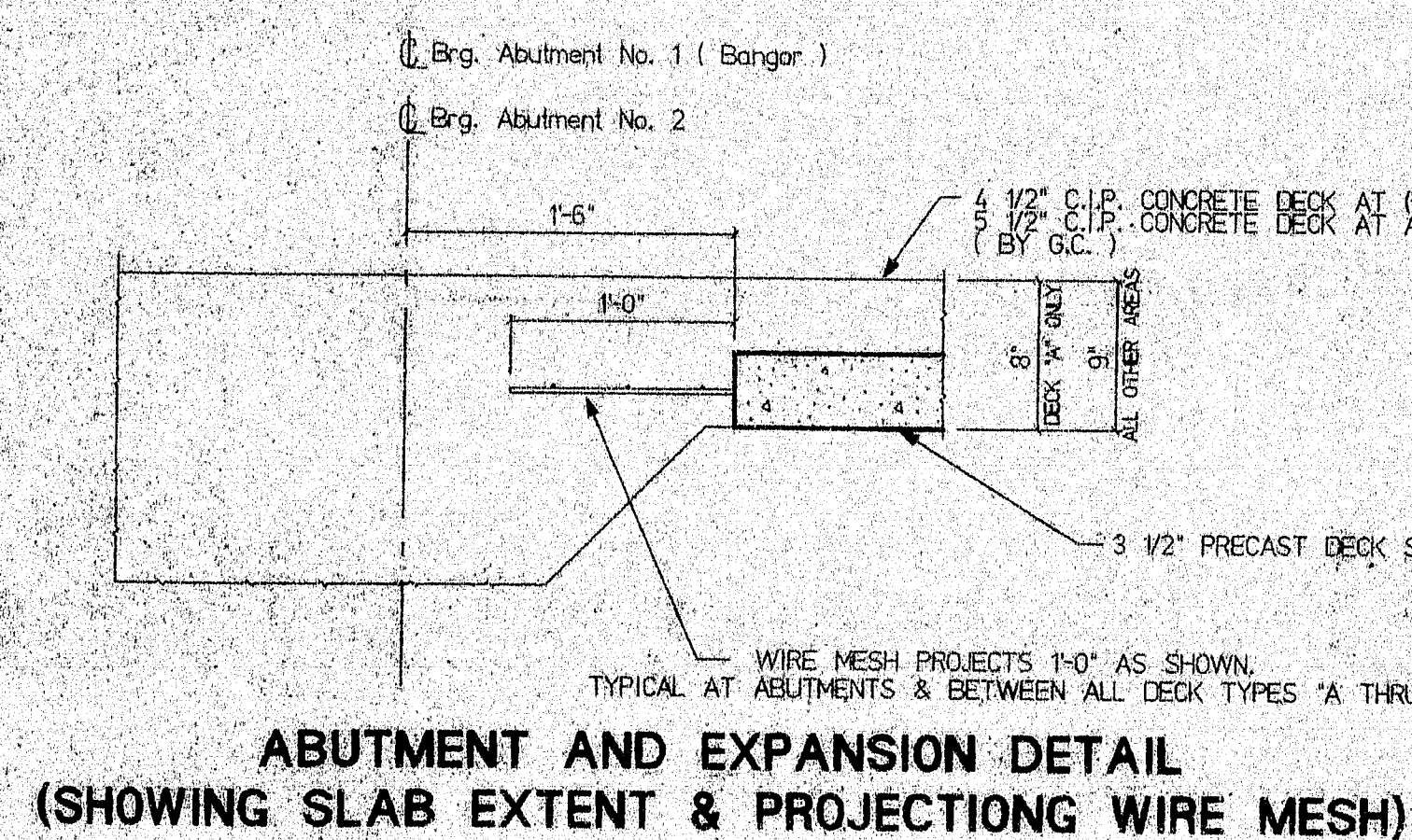
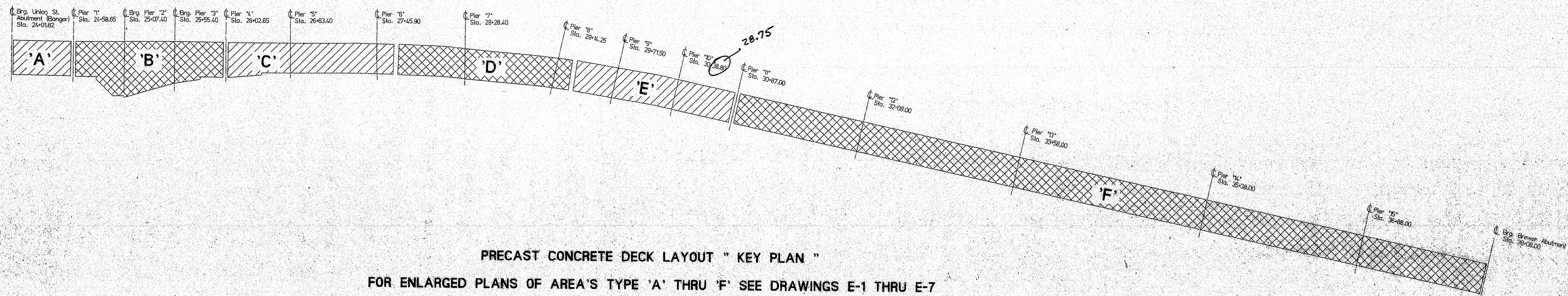
☒ RETURNED FOR CORRECTIONS ☐ REJECTED

DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS.

NAME _____ TITLE _____

OWNER'S STAMP				CUSTOMER			
				REED & REED, INC. WOOLWICH, MAINE			
				ARCHITECT OR C.O.E. ENGINEER			
				Dept. of Transportation, Maine			
1	FINAL RECORD DRAWING	07/08/97	L.R.V.	GREG	STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.		
0	ISSUED FOR APPROVAL	05/23/97	GREG				
NO.	REVISION	DATE	BY	CHKD.	PROJECT JOSHUA CHAMBERLAIN BRIDGE OVER PENOBSCOT RIVER		
					TITLE TYPE "F" SLAB LAYOUT (3 OF 3)		
					PART DRAWING NO. FILE 5760 E-7		
					CONTRACT NUMBER 5760		
					DRAWING NO. E-7		

120-327



Need to furnish stainless steel inserts for under bridge conduit and lighting?

STATE OF MAINE DEPARTMENT OF TRANSPORTATION CONSTRUCTION DIVISION	
<input type="checkbox"/> NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/> EXCEPTIONS NOTED
JUN 10 1997	
RETURNED FOR CORRECTIONS <input type="checkbox"/> REJECTED DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS	
DESIGNED BY	CHECKED BY

CONTRACTOR'S NOTES

- 1) SHEAR CONNECTORS HAVE TO BE INSTALLED AFTER PANELS ARE ERECTED.
- 2) SHEAR CONNECTORS HAVE TO BE INSTALLED IN A SINGLE ROW. THE SPECIFIED QUANTITY WILL BE ACHIEVED BY REDUCING THE SPACING.
- 3) DRAIN BLOCKOUTS IN SECTION F WERE OMITTED.

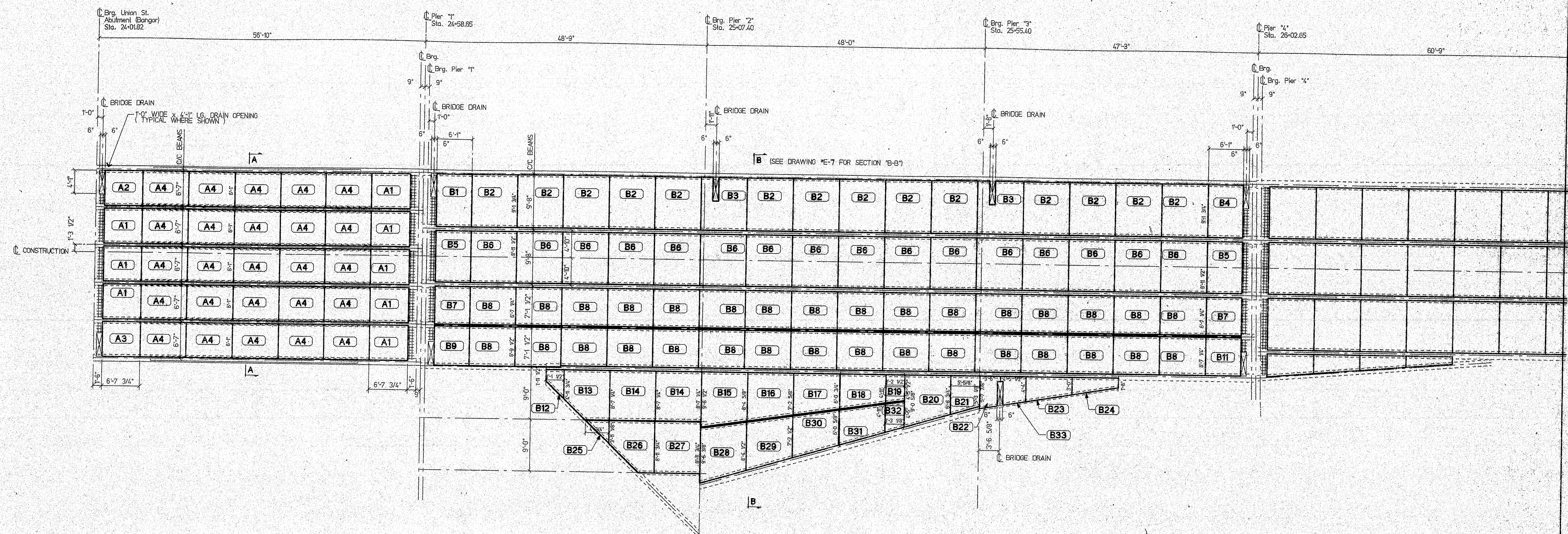
TYPICAL DECK SLAB CROSS SECTION

DRAWING NOTES:

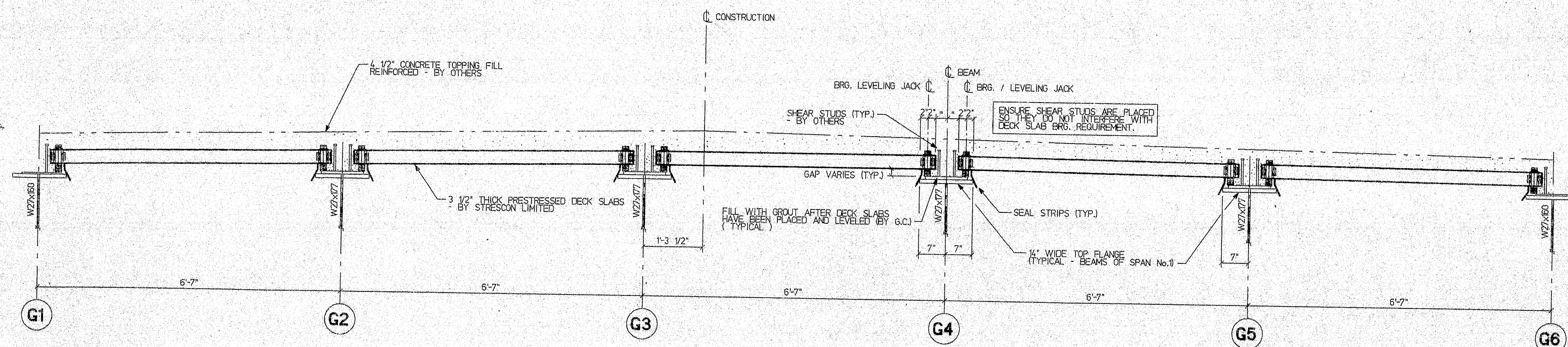
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A657.
2. PRESTRESSING STRANDS SHALL BE 3/8" DIA., 270 KSI, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 17.2 KIPS PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI AND A MINIMUM RELEASE STRENGTH OF 4000 PSI.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE WHEN LAYING DECK TOPS OF SLABS COVERED AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2").
6. ALL PRECAST DECK SLABS ARE 7'-11 3/8" C/C JOINTS (UNO.)

DESIGNER'S STAMP		CUSTOMER REED & REED, INC. WOOLWICH, MAINE		STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.		PROJECT JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER		DRAWING NO. 5760		REV. E-0	
ISSUED FOR APPROVAL		DATE		BY		CWD		CATALOGS/COM. FILE		CONTRACT NUMBER	
NO. 1		05/23/97		GREG				JRS/KJS/2/98		5760	

120-328



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "A-A"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED
See det. E-0

JUN 10 1997

☐ RETURNED FOR CORRECTIONS ☒ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105
OF STANDARD SPECIFICATIONS

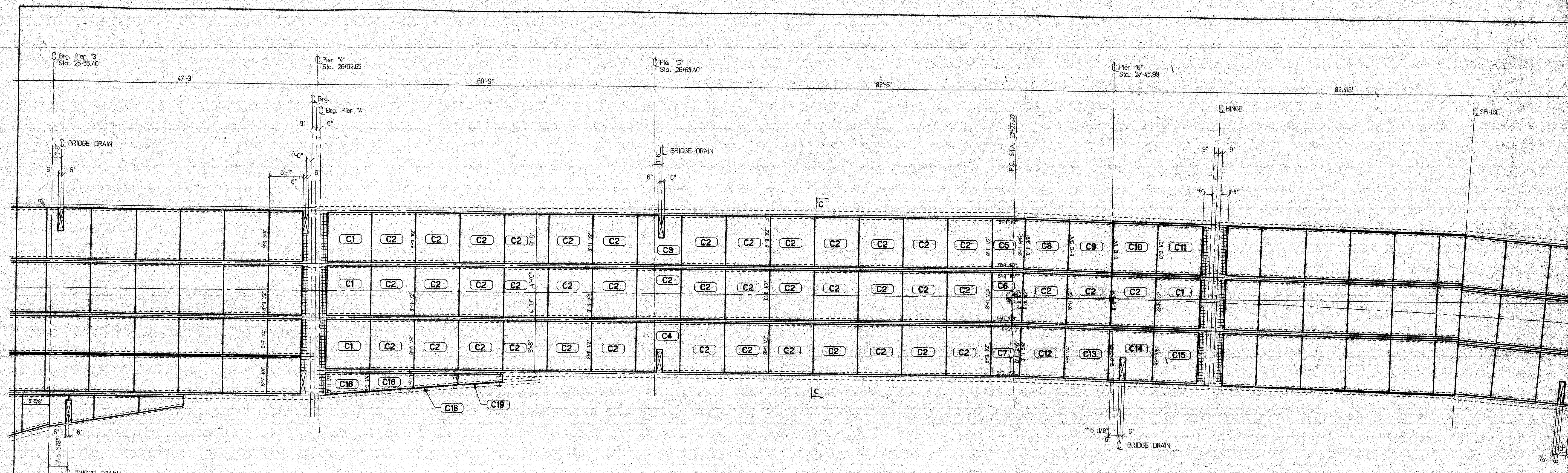
NAME FE

DRAWING NOTES:

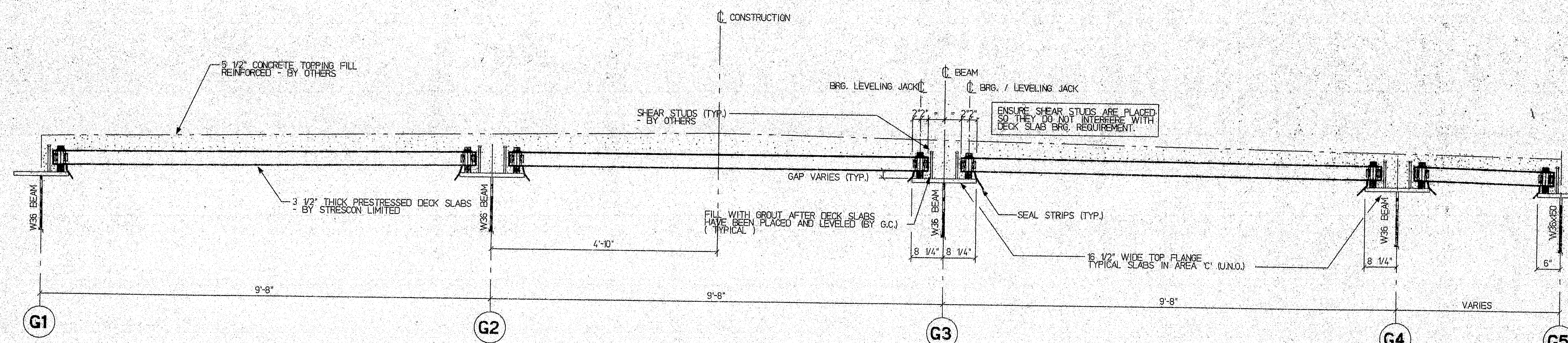
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A607.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE.
WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG.
(NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNO.)

120-329

ENGINEER'S STAMP		CUSTOMER'S	
REED & REED, INC. WOOLWICH, MAINE ARCHITECT OR CONS. ENGINEER ISSUED FOR APPROVAL 05/23/97 SREG NO. 1 REVISION DATE DT 1 ORD		SAINT JOHN, N.B. BEDFORD, N.S. PROJECT JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER TITLE TYPES "A" & "B" SLAB LAYOUT DATA BASED ON FILE 1 CONTRACT NUMBER 5760 DRAWING NO. E-1	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "C-C"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☐ NO EXCEPTIONS TAKEN

☒ RESERVOIR NOTED
See Log E-0

JUN 10 1997

☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105
OF STANDARD SPECIFICATIONS.

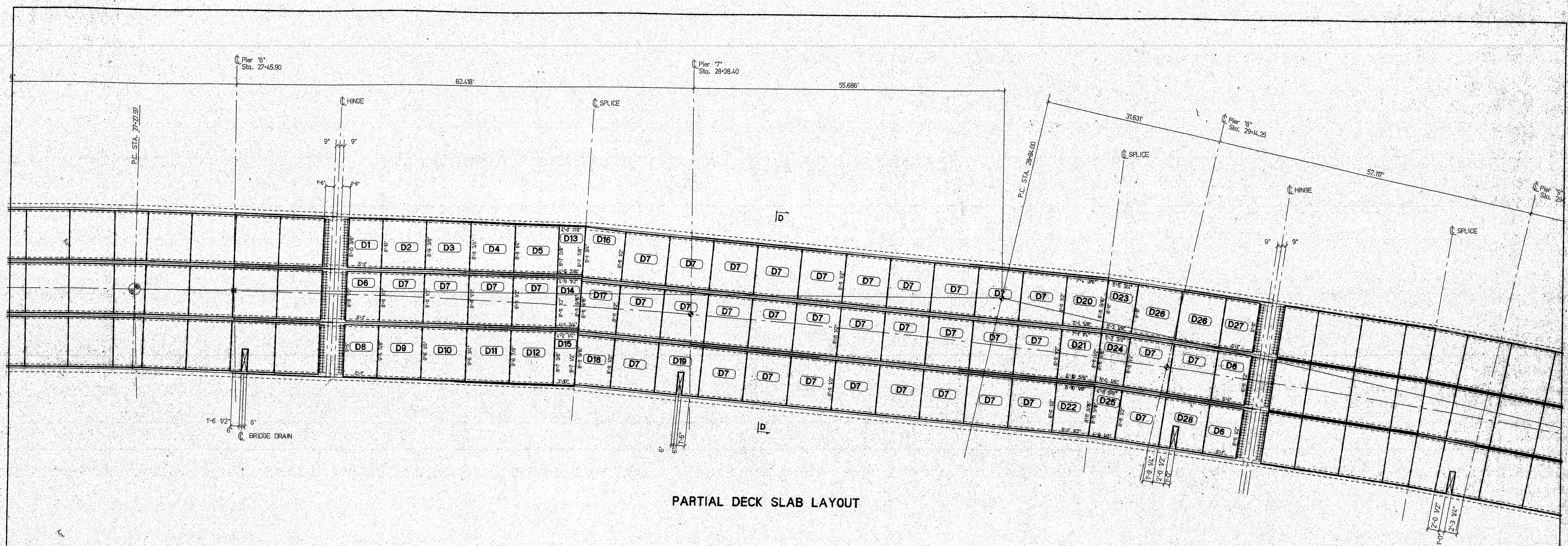
NAME: *Reed & Reed* TITLE: *Engineer*

DRAWING NOTES:

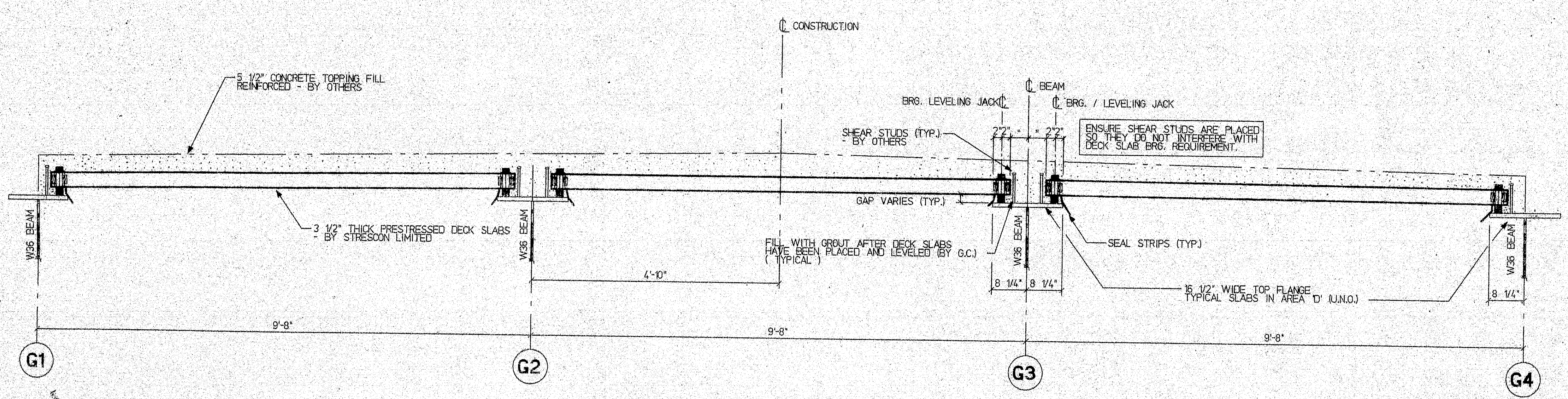
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A637.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION, STRANDS CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE. WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2").
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNO.)

120-330

ENGINEER'S STAMP		CUSTOMER		STRESCON LIMITED		STRESCON LIMITED	
		REED & REED, INC.		SAINT JOHN, N.B.		BEDFORD, N.S.	
		WOOLWICH, MAINE		PROJECT		JOSHUA CHAMBERLAIN BRIDGE	
		ARCHITECT OR CIVIL ENGINEER		TITLE		TYPE "C" SLAB LAYOUT	
0 ISSUED FOR APPROVAL 05/23/97 GREG		Dept. of Transportation, Maine		DATE: 5/23/97 BY: GREG		CONTRACT NUMBER: 5760	
NO. 1						DRAWING NO. E-2	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "D-D"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED
JUN 10 1997
RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 805
OF STANDARD SPECIFICATIONS

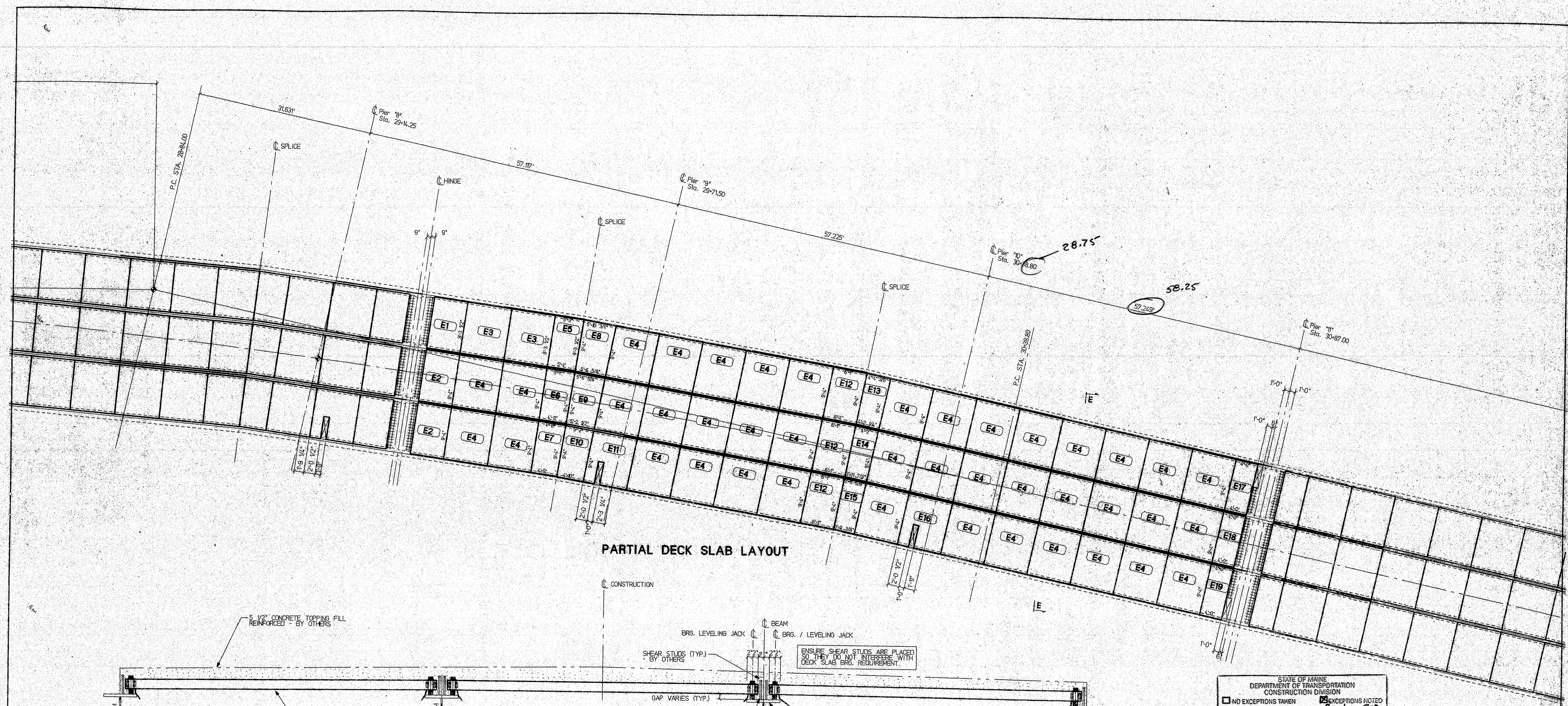
NAME: *John D. ...* TITLE: *FE*

DRAWING NOTES:

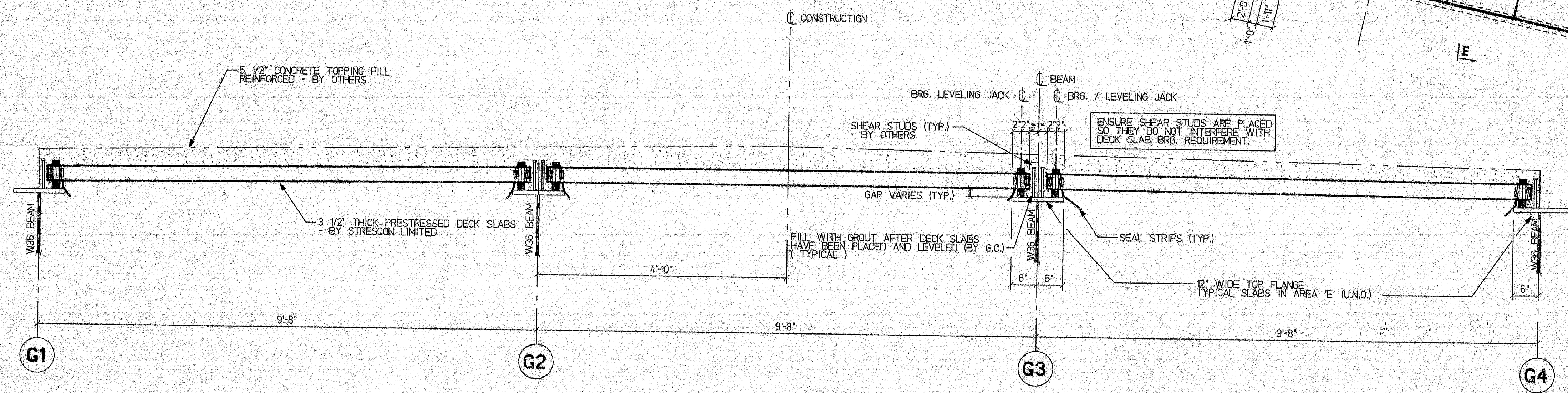
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A437.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL DRAIN, OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNCL.)

120-331

REED & REED, INC. WOOLWICH, MAINE ARCHITECT OR CIVIL ENGINEER Dept. of Transportation, Maine		CUSTOMER STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S. PROJECT JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER TITLE TYPE "D" SLAB LAYOUT DATE: 05/23/97 BY: [signature] QKD		DRAWING NO. 5760 E-3
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PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "E-E"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED
See drawing E-4

JUN 10 1997

☒ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 205 OF STANDARD SPECIFICATIONS

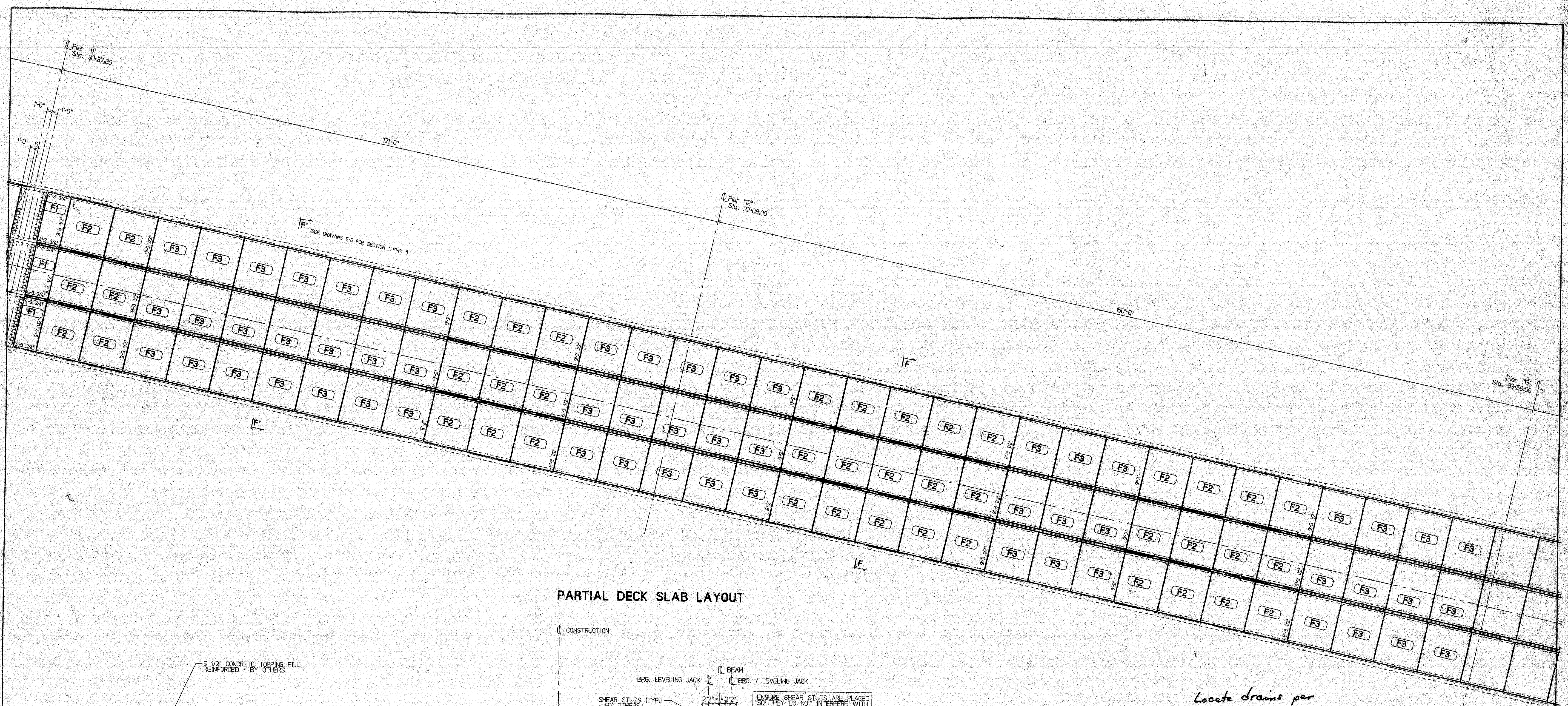
NAME: *Strescon* TITLE: *FE*

DRAWING NOTES:

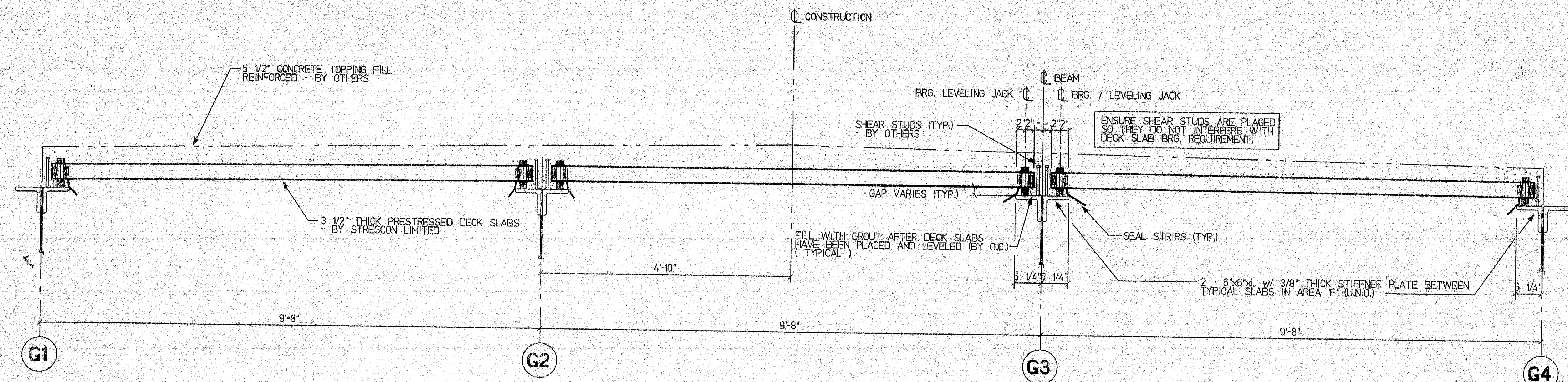
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A497.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS, CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 172 KIPS PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI AND A MINIMUM RELEASE STRENGTH OF 4000 PSI.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE. WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" O.C. JOINTS (UNO.)

120-332

ENGINEER'S STAMP		CUSTOMER		REED & REED, INC. WOOLWICH, MAINE		STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.		PROJECT JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER		DRAWING NO. 5760		REV. E-4	
ISSUED FOR APPROVAL		DATE		05/23/97		BY		GREG		TITLED TYPE "E" SLAB LAYOUT		DATE 05/23/97	
NO.		REVISION		DATE		BY		JHD		CONTRACT NUMBER 1111111111		DRAWING NO. 5760	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "F-F"

Locate drains per
Note 1 sheet 20 of 49
contract plans.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED

JUN 10 1997

REJECTED FOR CORRECTIONS
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105
OF STANDARD SPECIFICATIONS

REVISION: *See drawing*

DATE: *6/10/97*

BY: *FE*

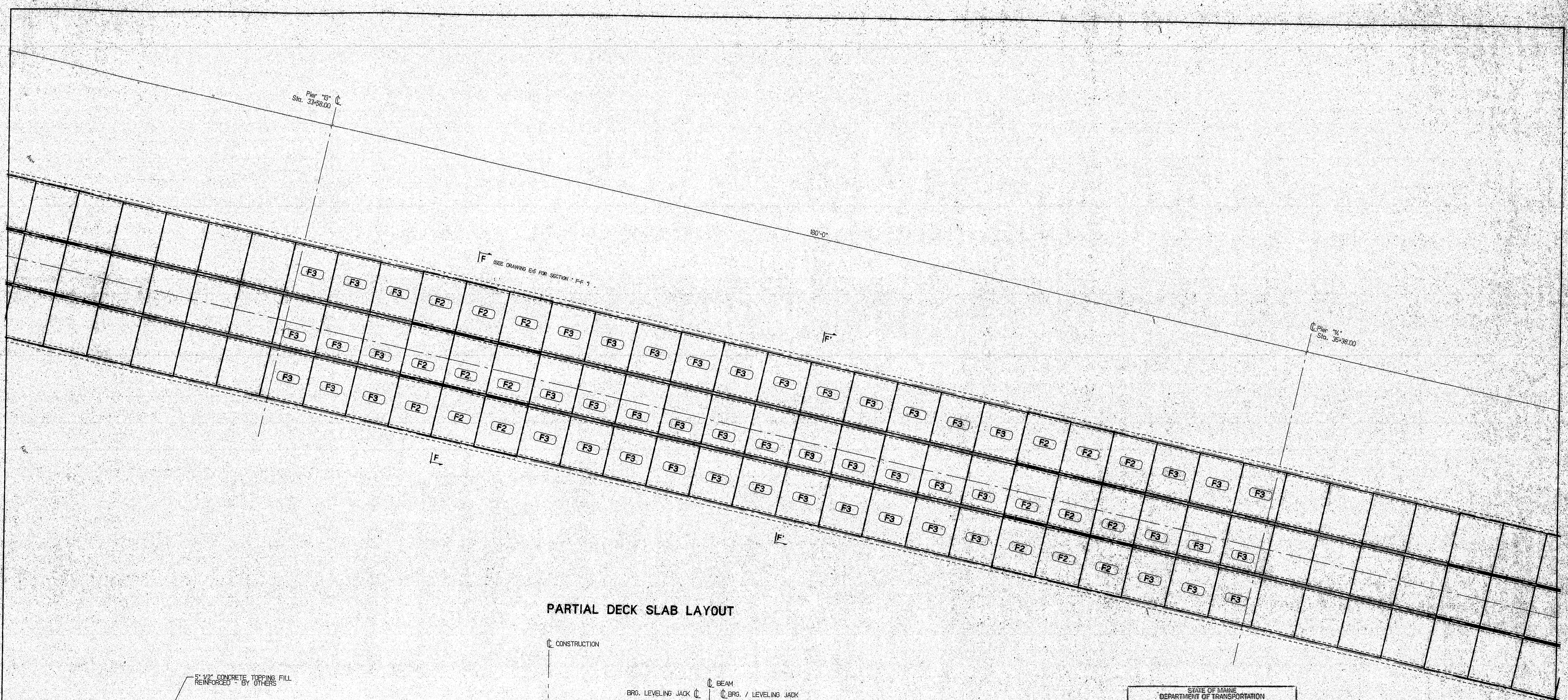
CHKD: *FE*

DRAWING NOTES:

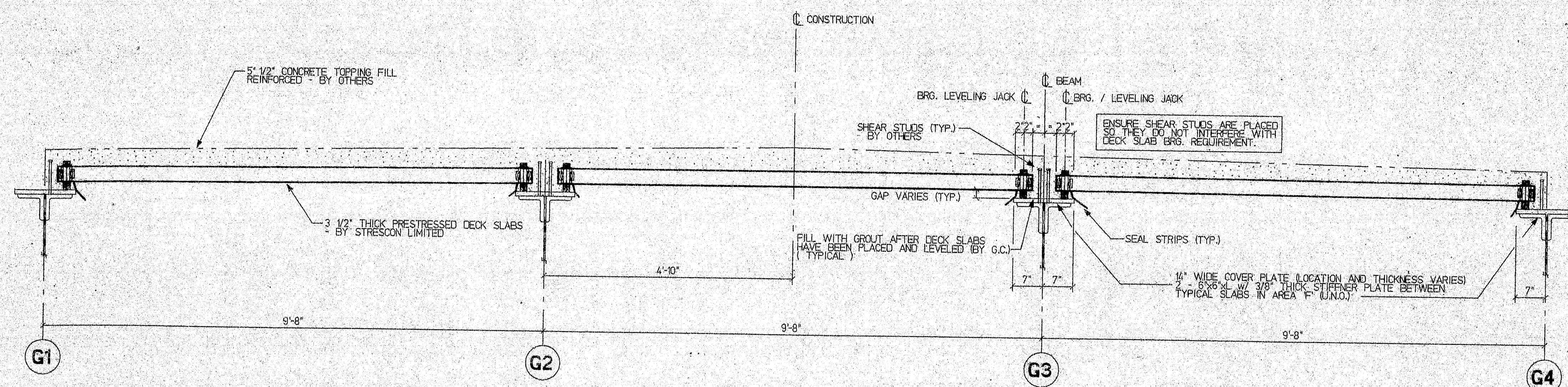
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A197.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFORMING TO ASTM A416. INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL GRAB OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE. WHEN LAYING DECK TOPS OF SLABS GOVERN AT 4" BRG. (NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2").
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (U.N.O.)

120-333

ENGINEER'S STAMP		CUSTOMER		STRESCON LIMITED	
		REED & REED, INC.		SAINT JOHN, N.B. BEDFORD, N.S.	
		WOOLWICH, MAINE			
		PROJECT		JOSHUA CHAMBERLAIN BRIDGE	
		DESIGNED BY		over PENOBSCOT RIVER	
		CHECKED BY			
		DATE		5/23/97	
		BY		GREG	
		CHKD		GREG	
		TITLED		TYPE "F" SLAB LAYOUT (1 OF 3)	
		PART		PART	
		DATABASE/DWG. FILE		CONTRACT NUMBER	
		1msec/joshua2.dwg		5760	
		DRAWING NO.		E-5	



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION " F-F "

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☐ NO EXCEPTIONS TAKEN

☒ EXCEPTIONS NOTED
See Aug 20

JUN 10 1977

☐ RETURNED FOR CORRECTIONS ☒ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105
OF STANDARD SPECIFICATIONS

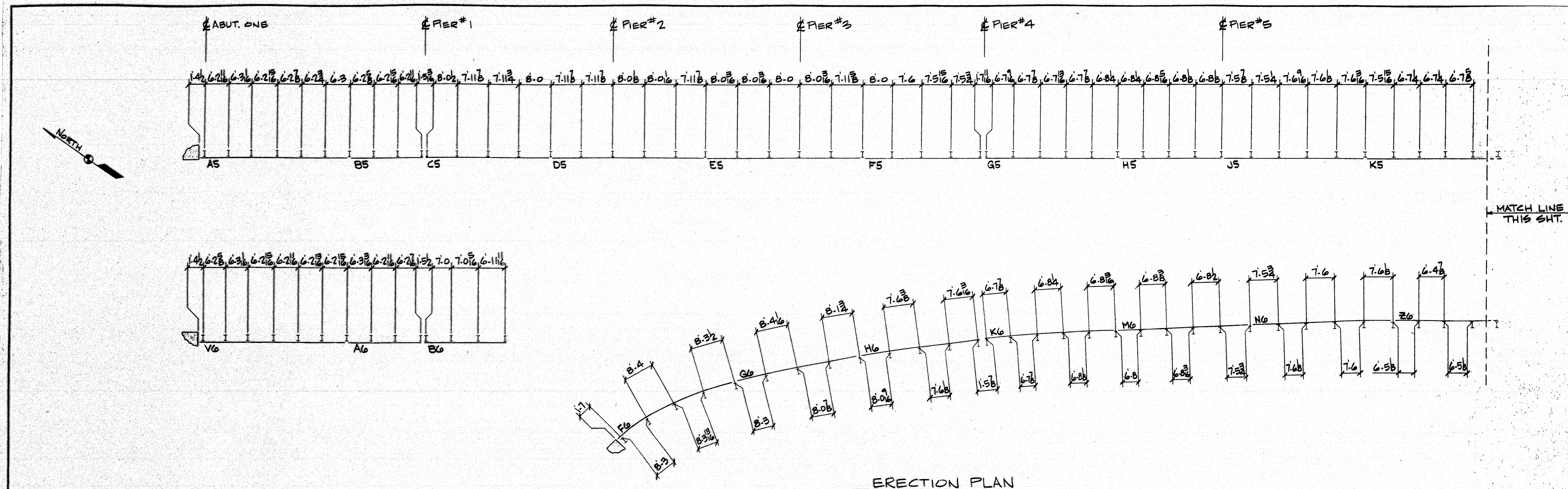
NAME *Sheldon FE* TITLE

DRAWING NOTES:

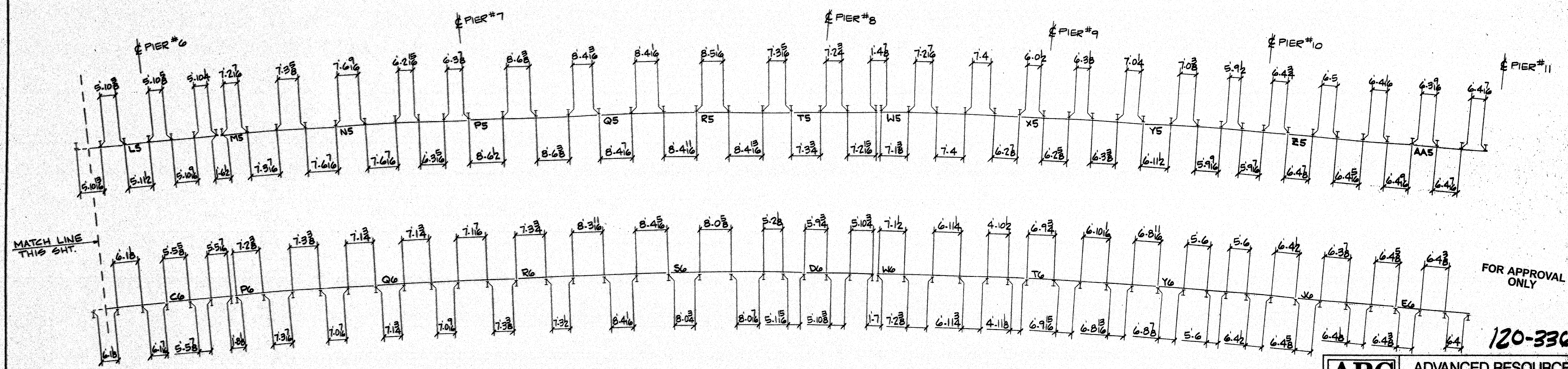
1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A497.
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION, STRANDS CONFORMING TO ASTM A406. INITIAL TENSION SHALL BE 17.2 kips PER STRAND.
3. CONCRETE DECK SLABS SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 psi AND A MINIMUM RELEASE STRENGTH OF 4000 psi.
4. PLEASE CONFIRM ALL DRAIN OPENING SIZES AND LOCATIONS.
5. 4" DECK SLAB BRG. TYPICAL WHERE POSSIBLE.
WHEN LAYING DECK TOPS OF SLABS COVERED AT 4" BRG.
(NOTE: BRG. CONDITION VARIES AT SOME LOCATIONS BY 1/2")
6. ALL PRECAST DECK SLABS ARE 7'-11 1/2" C/C JOINTS (UNO.)

120-334

DESIGNER'S STAMP		REED & REED, INC. WOOLWICH, MAINE PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER Dept. of Transportation, Maine		STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S. PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER TITLE: TYPE "F" SLAB LAYOUT (2 OF 3) PART: 1 DATA/REVISIONS FILE: 1 CONTRACT NUMBER: 5760 DRAWING NO.: E-6			
NO. 1	ISSUED FOR APPROVAL	DATE: 05/23/97	BY: GREG	DATE: 05/23/97	BY: GREG	DATE: 05/23/97	BY: GREG



ERECTION PLAN



ERECTION PLAN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
JUL 0 0 1997
Approved as noted



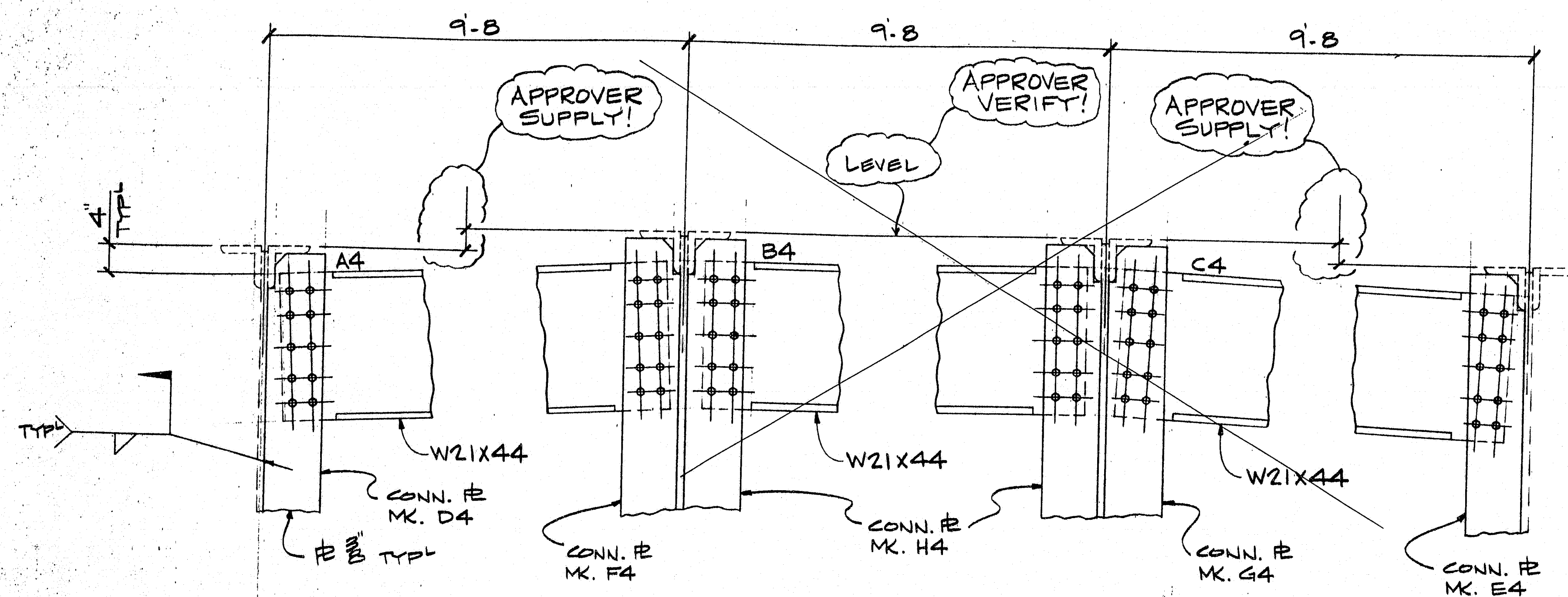
ADVANCED RESOURCES & CONSTRUCTION
P.O. BOX 120 KINGFIELD, ME 04947
PHONE: (207) 265-2646 • FAX: (207) 265-4054

DESCRIPTION ERECTION PLAN
PROJECT JOSHUA CHAMBERLAIN BRIDGE
LOCATION BANGOR/BREWER, ME.
DESIGNER ME. D.O.T.
CUSTOMER REED & REED
DRAWN BY SHAWMAN DATE 5/23/97 JOB NUMBER 97-49 DWG. NO. E1
CHK'D. BY DATE

PROJ. #: BH-043-1(34)
ITEM #: 504.70

120-336

FOR APPROVAL ONLY

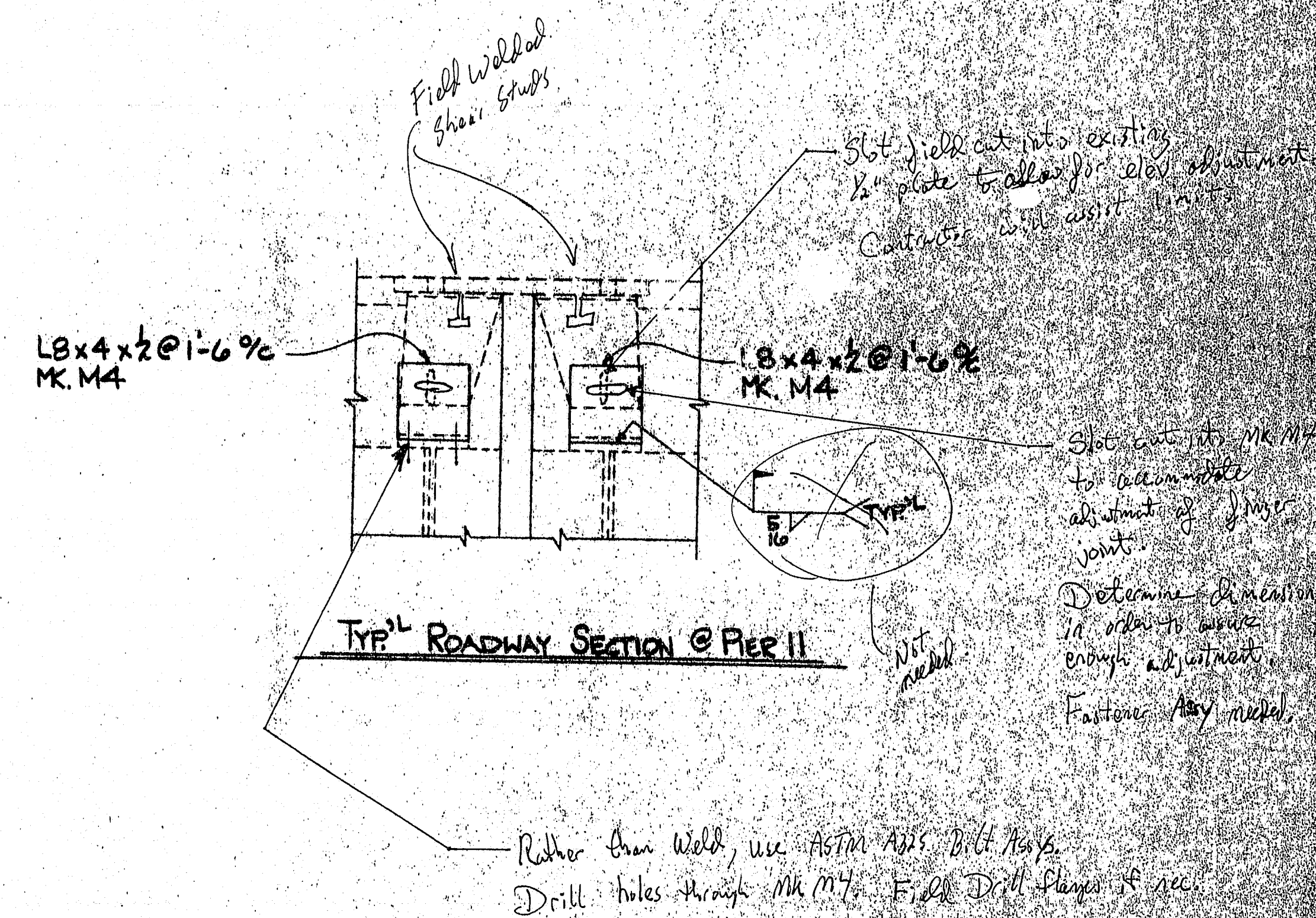


NEW END DIAPHRAGMS (LOOKING UPSTATION)

NOTE: CONTRACTOR TO PROVIDE LOCATION OF DIAPHRAGMS & ELEVATIONS REQUESTED.

Unnecessary

Please See Day No. 4.



FOR APPROVAL ONLY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
☐ Approved ☐ Returned for Corrections
JUL 08 1997
☒ Approved as noted ☐ Rejected

120-337

Proj. # BH-043-1(34)
ITEM # 504.10

ARC
ADVANCED RESOURCES & CONSTRUCTION
P.O. BOX 120 KINGFIELD, ME 04947
PHONE (207) 285-2848 • FAX (207) 288-4064

DESCRIPTION: END DIAPHRAGM ELEVATION
PROJECT: JOSHUA CHAMBERLAIN BRIDGE
LOCATION: BANGOR/BREWER, ME.
DESIGNER: ME D.O.T.
CUSTOMER: REED & REED
DRAWN BY: [signature] DATE: 6/1/97
CHECKED BY: [signature] DATE: 6/1/97

