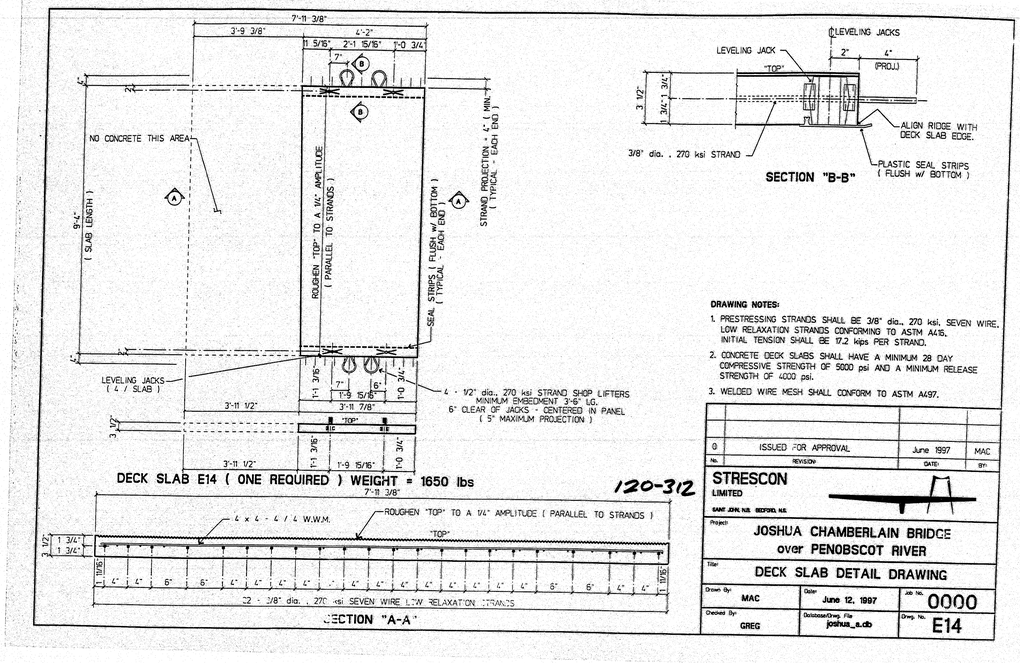


DECK SLAB E14 (ONE REQUIRED) WEIGHT = 1650 lbs

120-312

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 A497.

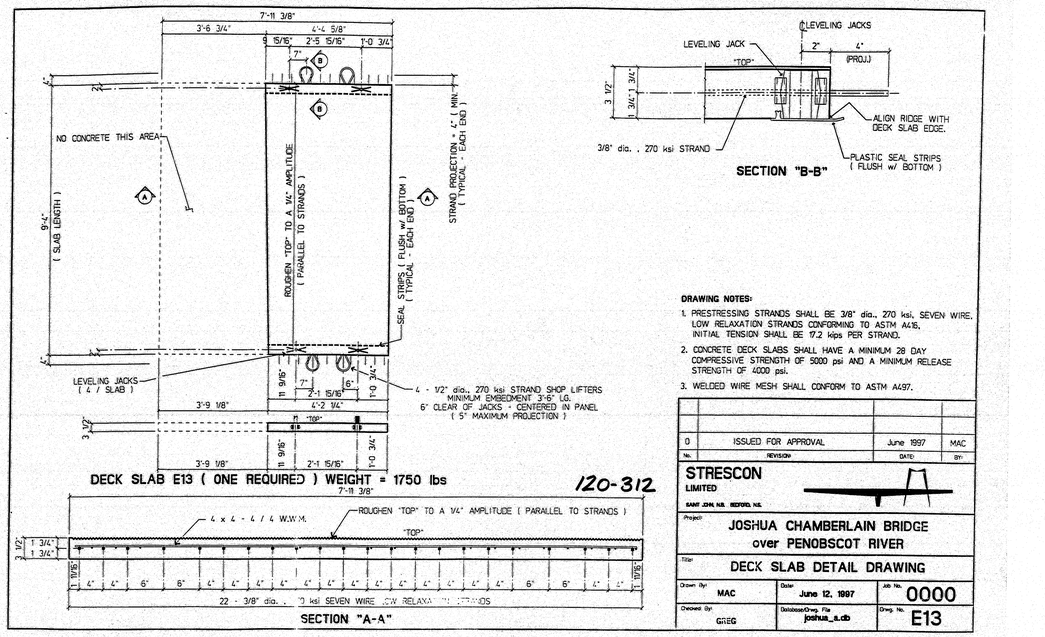
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	June 1997	MAC

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	June 12, 1997	0000
Checked By: GREG	Database/Drwg. File: joshua_e.db	Drwg. No. E14



DECK SLAB E13 (ONE REQUIRED) WEIGHT = 1750 lbs

120-312

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 A497.

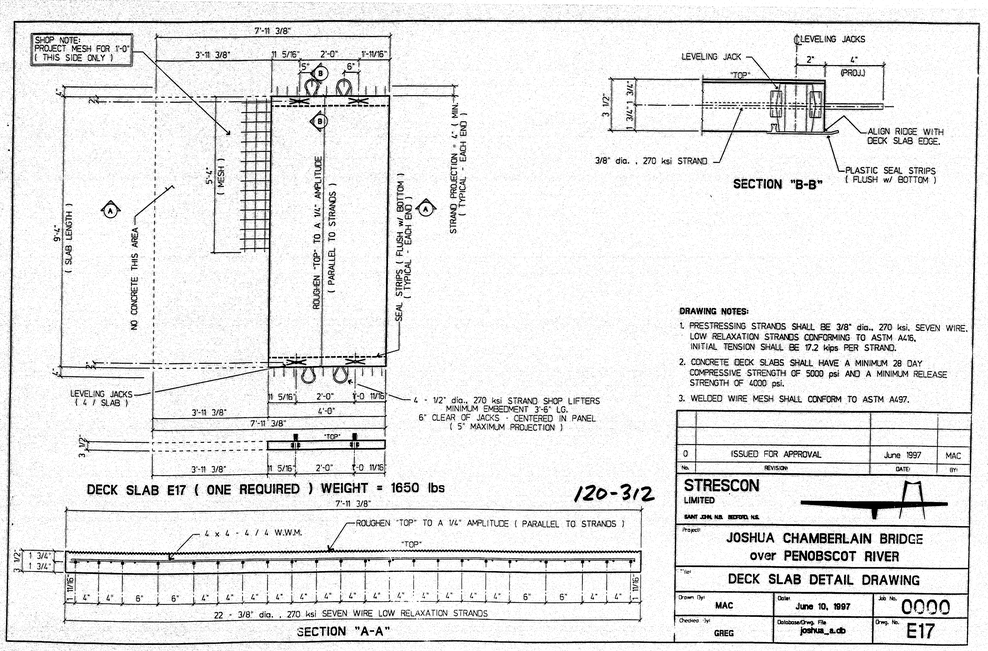
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	June 1997	MAC

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	June 12, 1997	0000
Checked By: GREG	Database/Drwg. File: joshua_e.db	Drwg. No. E13



DECK SLAB E17 (ONE REQUIRED) WEIGHT = 1650 lbs

120-312

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 A497.

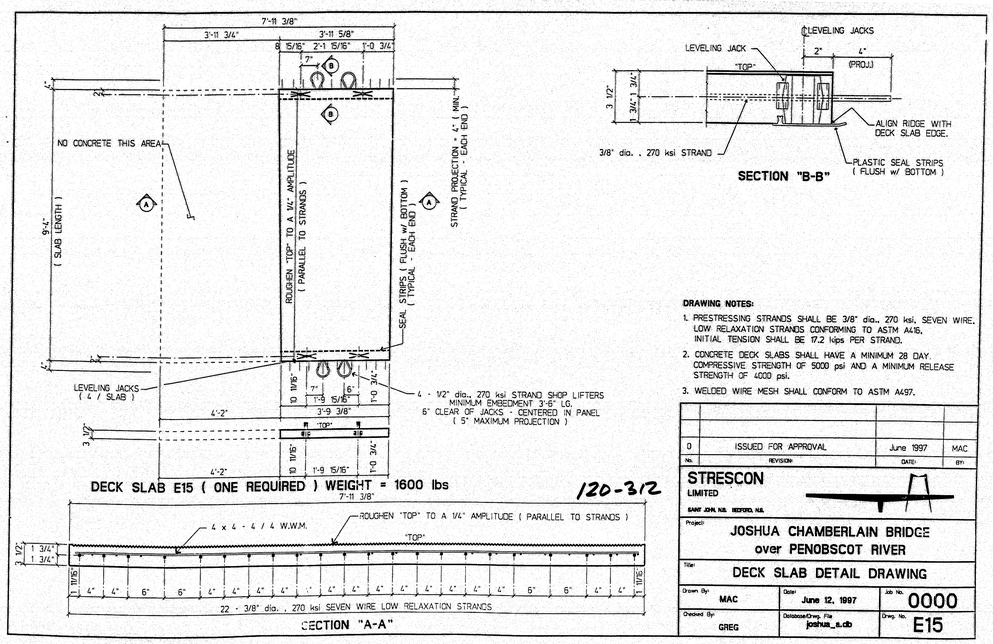
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	June 1997	MAC

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	June 10, 1997	0000
Checked By: GREG	Database/Drwg. File: joshua_e.db	Drwg. No. E17



DECK SLAB E15 (ONE REQUIRED) WEIGHT = 1600 lbs

120-312

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 A497.

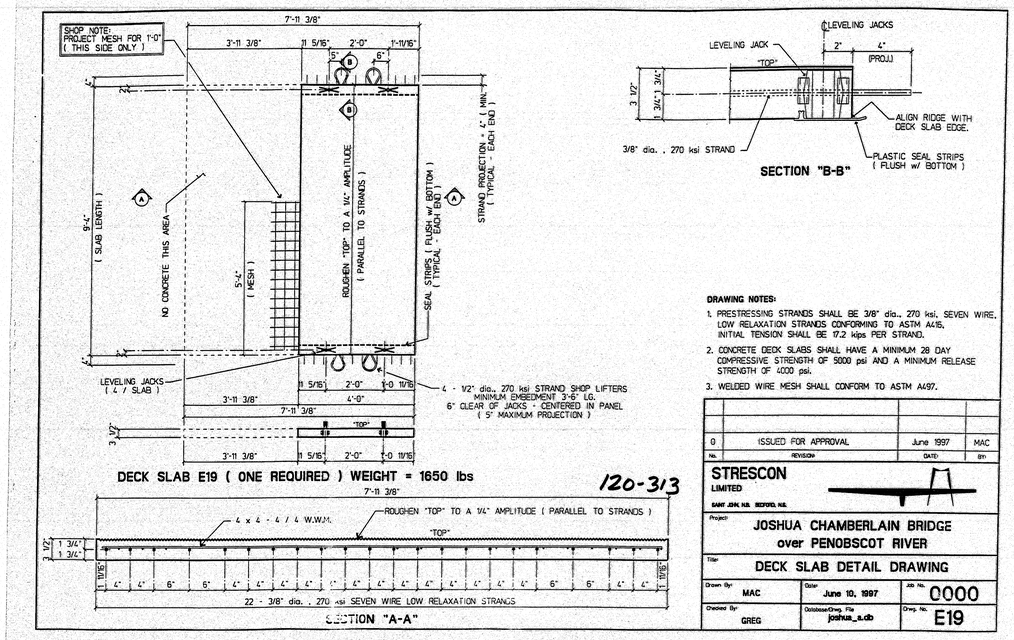
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	June 1997	MAC

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	June 12, 1997	0000
Checked By: GREG	Database/Drwg. File: joshua_e.db	Drwg. No. E15



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 A497.

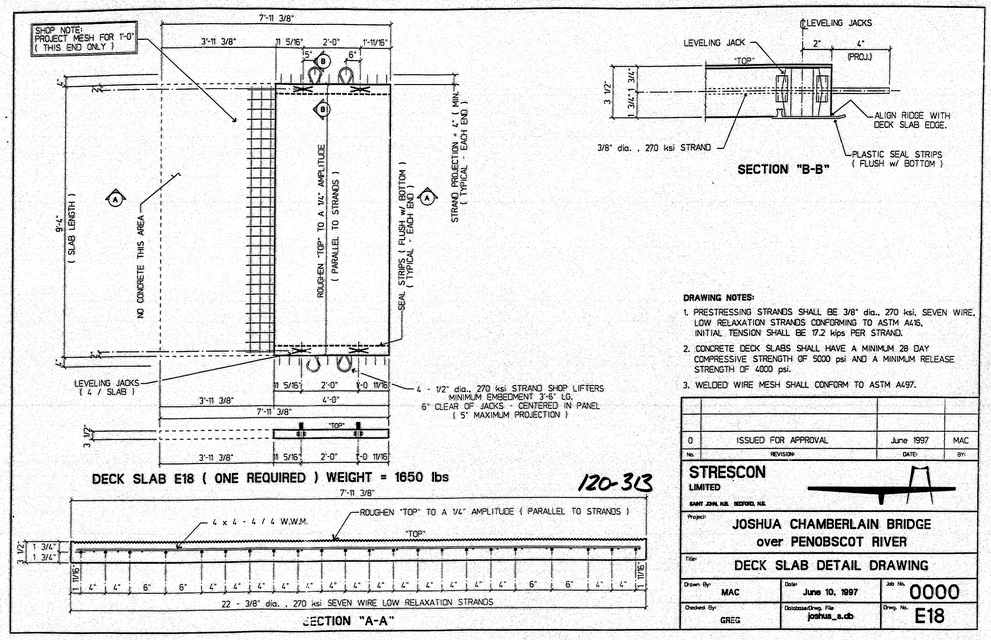
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	June 1997	MAC

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	June 10, 1997	0000
Checked By:	Database/Drwg. File	Drwg. No.
GREG	joshua_s.db	E19



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 A497.

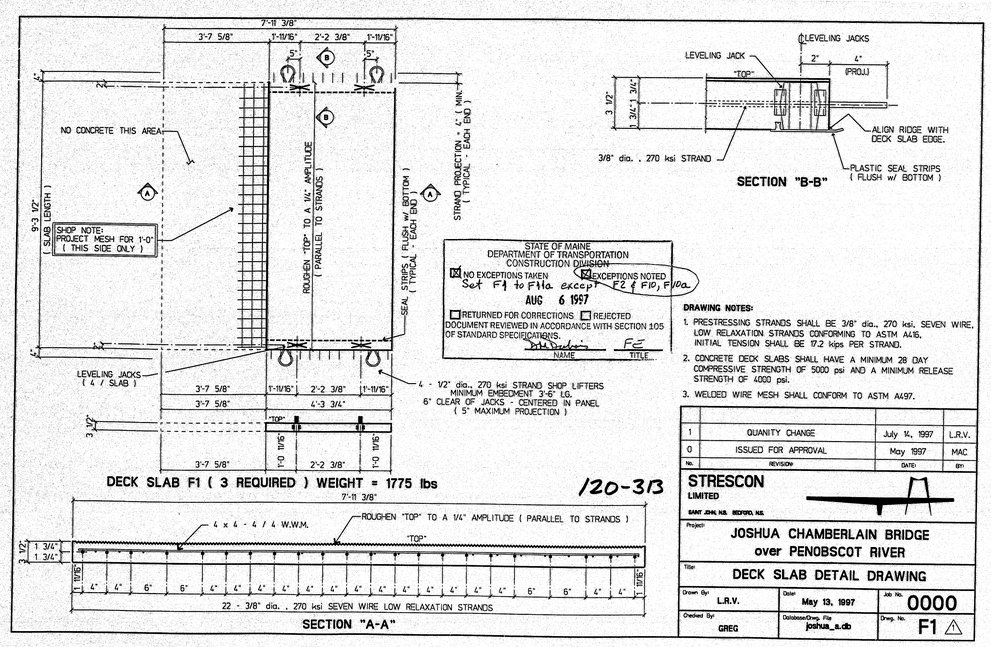
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	June 1997	MAC

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	June 10, 1997	0000
Checked By:	Database/Drwg. File	Drwg. No.
GREG	joshua_s.db	E18



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION
☒ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED
Set F1 to F11a except F2 (F10, F10a.
AUG 6 1997
☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS.
NAME TITLE

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 A497.

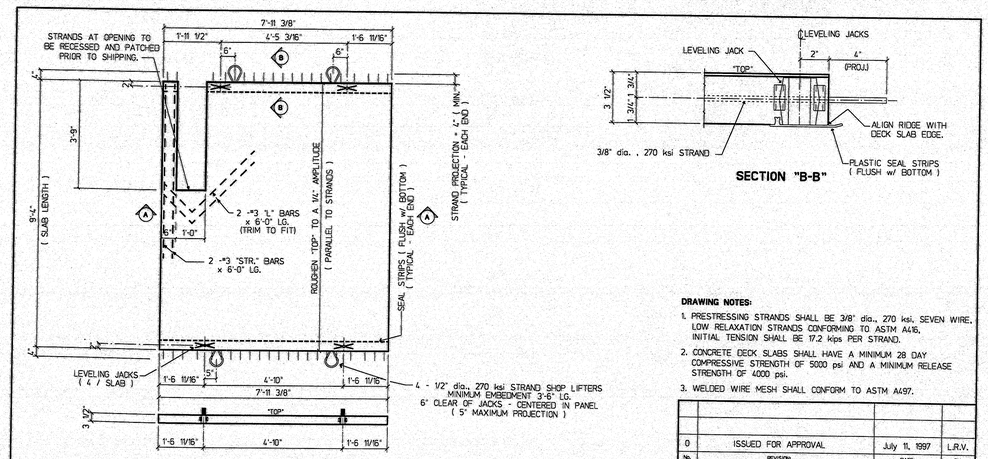
No.	REVISION	DATE	BY
1	QUANITY CHANGE	July 14, 1997	L.R.V.
0	ISSUED FOR APPROVAL	May 1997	MAC

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	May 13, 1997	0000
Checked By:	Database/Drwg. File	Drwg. No.
GREG	joshua_s.db	F1 ⚠



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 A497.

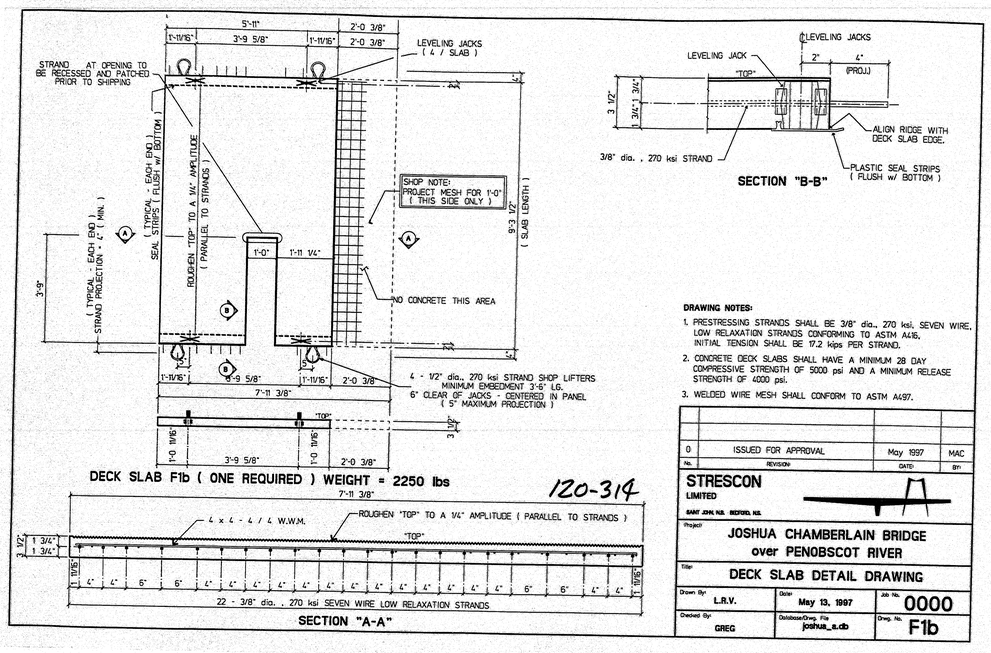
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 11, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	July 11, 1997	0000
Checked By:	Database/Drwg. File	Drwg. No.
GREG	joshua_s.db	E20



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 A497.

No.	REVISION	DATE:	BY:
0	ISSUED FOR APPROVAL	May 1997	MAC

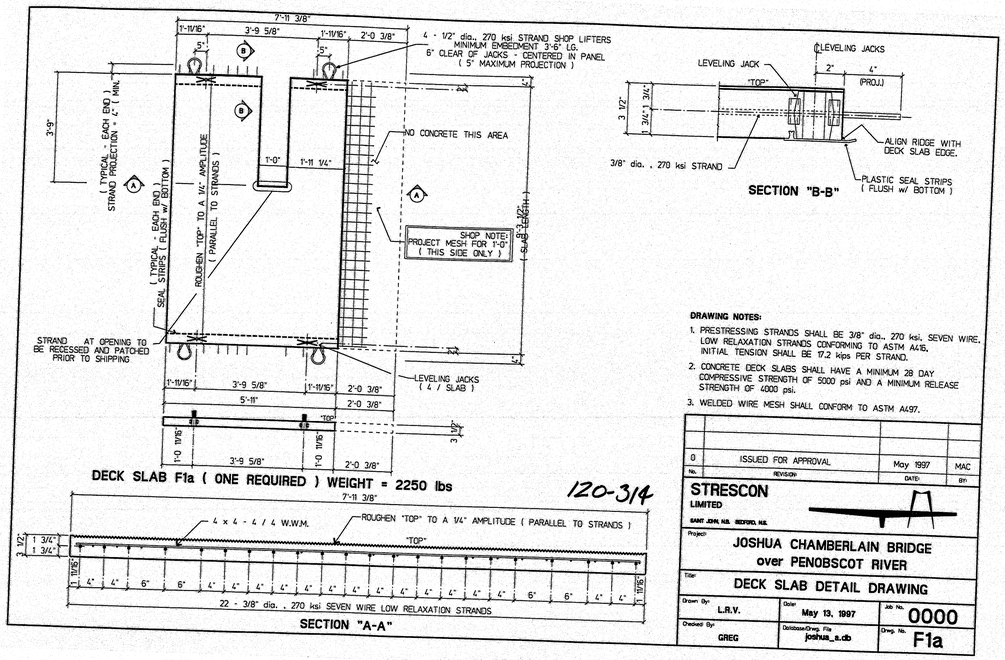
STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
L.R.V.	May 13, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F1b

120-314



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 A497.

No.	REVISION	DATE:	BY:
0	ISSUED FOR APPROVAL	May 1997	MAC

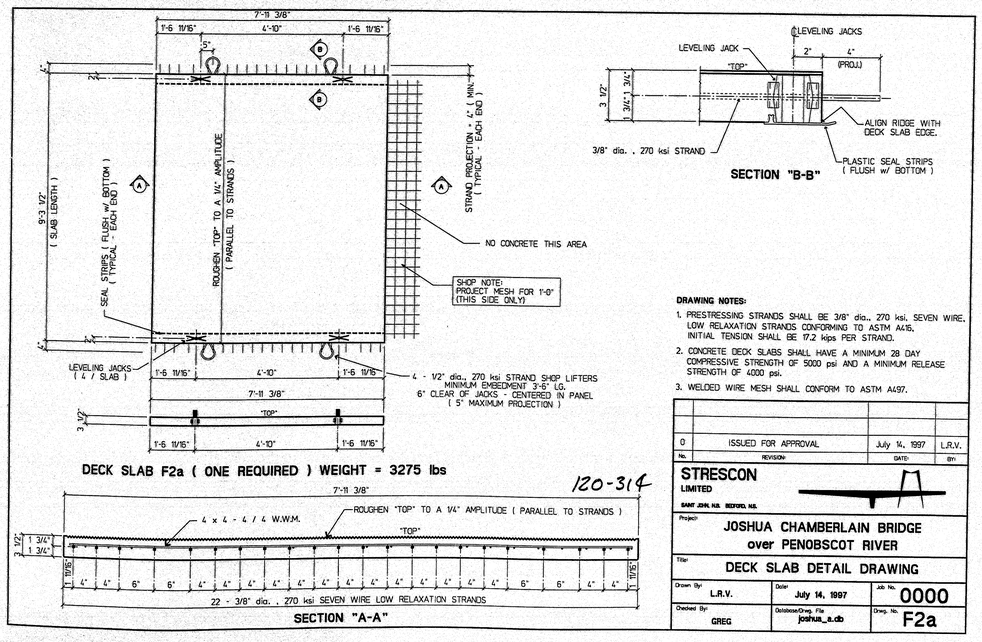
STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
L.R.V.	May 13, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F1a

120-314



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 A497.

No.	REVISION	DATE:	BY:
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

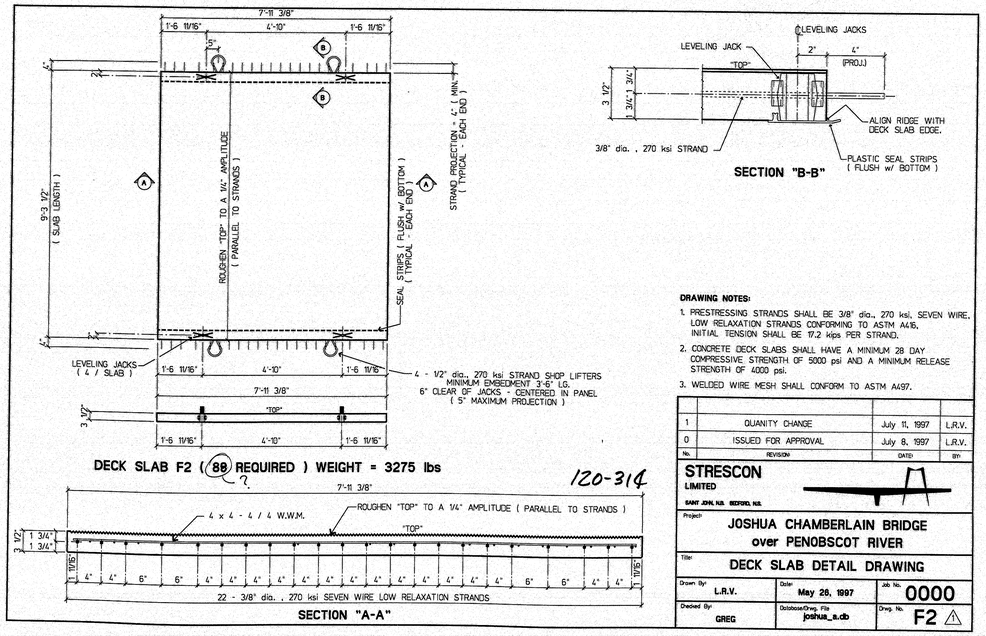
STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F2a

120-314



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 A497.

No.	REVISION	DATE:	BY:
1	QUANITY CHANGE	July 11, 1997	L.R.V.
0	ISSUED FOR APPROVAL	July 8, 1997	L.R.V.

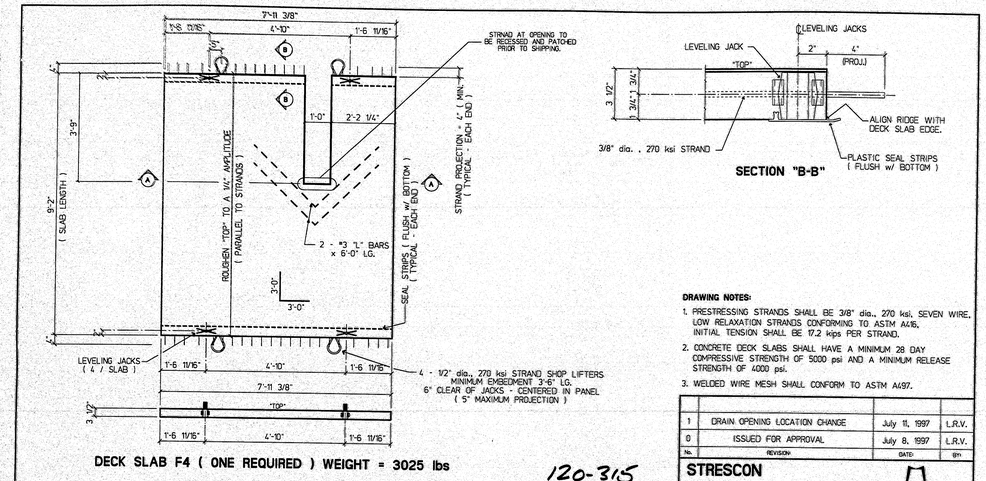
STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
L.R.V.	May 28, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F2 ⚠

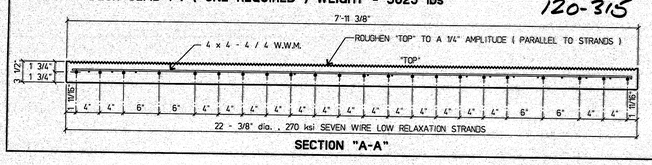
120-314



DECK SLAB F4 (ONE REQUIRED) WEIGHT = 3025 lbs

SECTION "B-B"

120-315



SECTION "A-A"

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 A497.

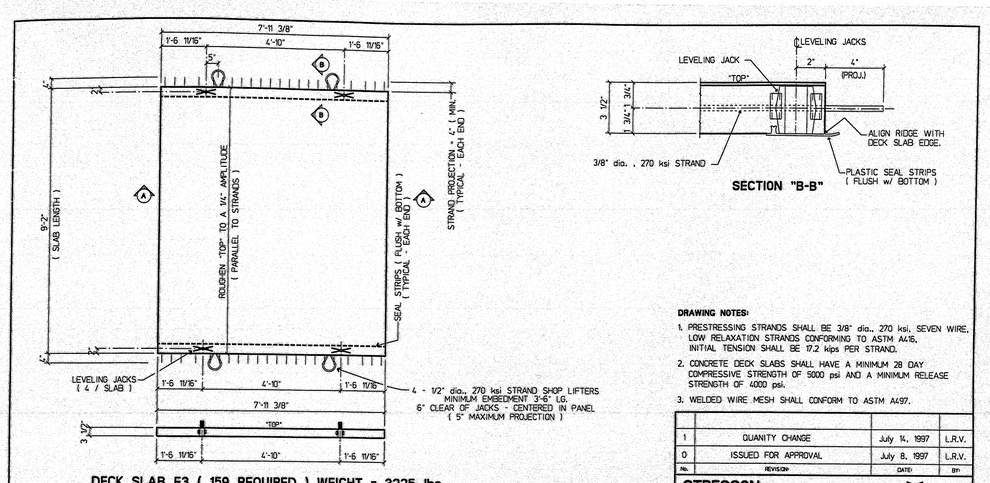
No.	REVISION	DATE	BY
1	DRAIN OPENING LOCATION CHANGE	July 11, 1997	L.R.V.
0	ISSUED FOR APPROVAL	July 8, 1997	L.R.V.

STRESCON
LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

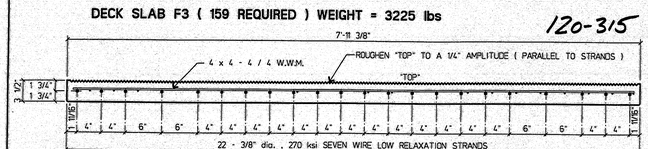
Drawn By:	Date:	Job No.
MAC	July 8, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F4 ⚠



DECK SLAB F3 (159 REQUIRED) WEIGHT = 3225 lbs

SECTION "B-B"

120-315



SECTION "A-A"

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 A497.

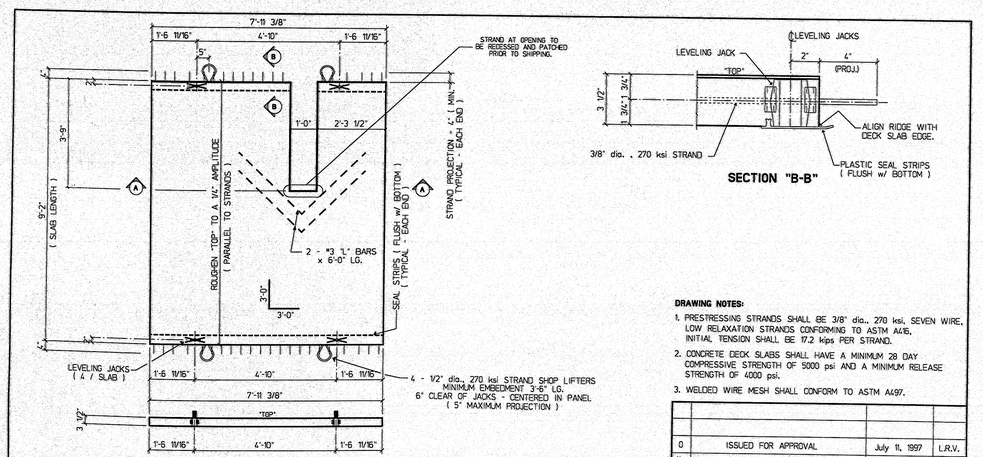
No.	REVISION	DATE	BY
1	QUANITY CHANGE	July 14, 1997	L.R.V.
0	ISSUED FOR APPROVAL	July 8, 1997	L.R.V.

STRESCON
LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

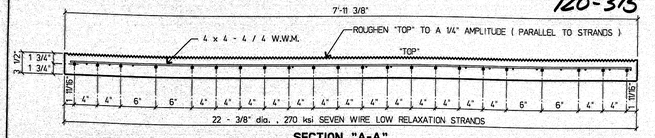
Drawn By:	Date:	Job No.
L.R.V.	May 26, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F3 ⚠



DECK SLAB F4b (ONE REQUIRED) WEIGHT = 3025 lbs

SECTION "B-B"

120-315



SECTION "A-A"

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 A497.

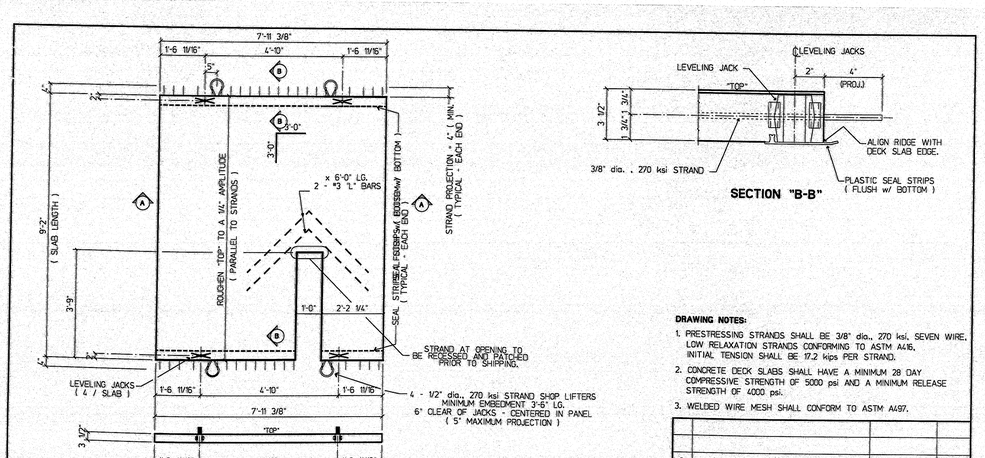
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 11, 1997	L.R.V.

STRESCON
LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

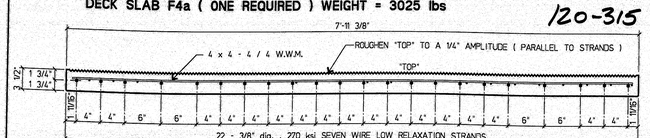
Drawn By:	Date:	Job No.
L.R.V.	July 11, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F4b



DECK SLAB F4a (ONE REQUIRED) WEIGHT = 3025 lbs

SECTION "B-B"

120-315



SECTION "A-A"

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 A497.

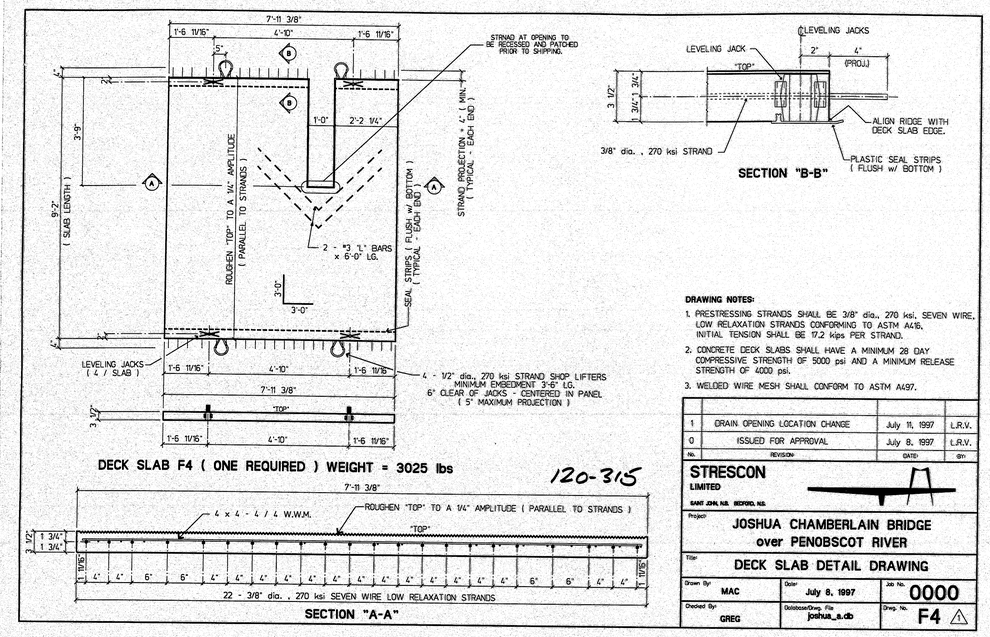
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 11, 1997	L.R.V.

STRESCON
LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	July 11, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F4a



120-315

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 A497.

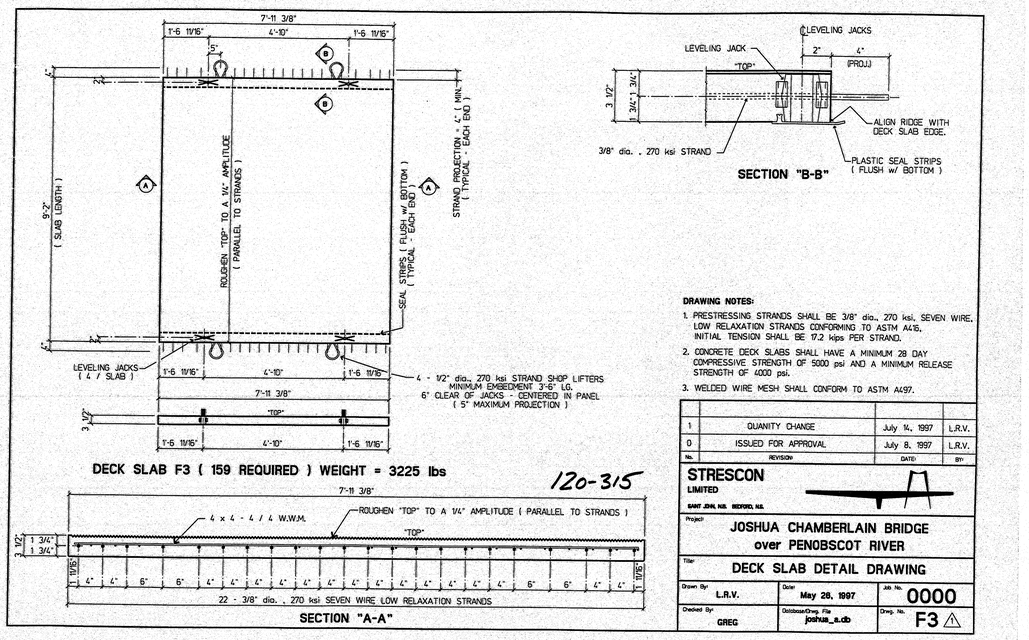
No.	REVISION	DATE	BY
1	DRAIN OPENING LOCATION CHANGE	July 11, 1997	L.R.V.
0	ISSUED FOR APPROVAL	July 8, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	July 8, 1997	0000
Checked By:	**Database/Dwg. File**	**Dwg. No.**
GREG	joshua_a.db	F4



120-315

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 A497.

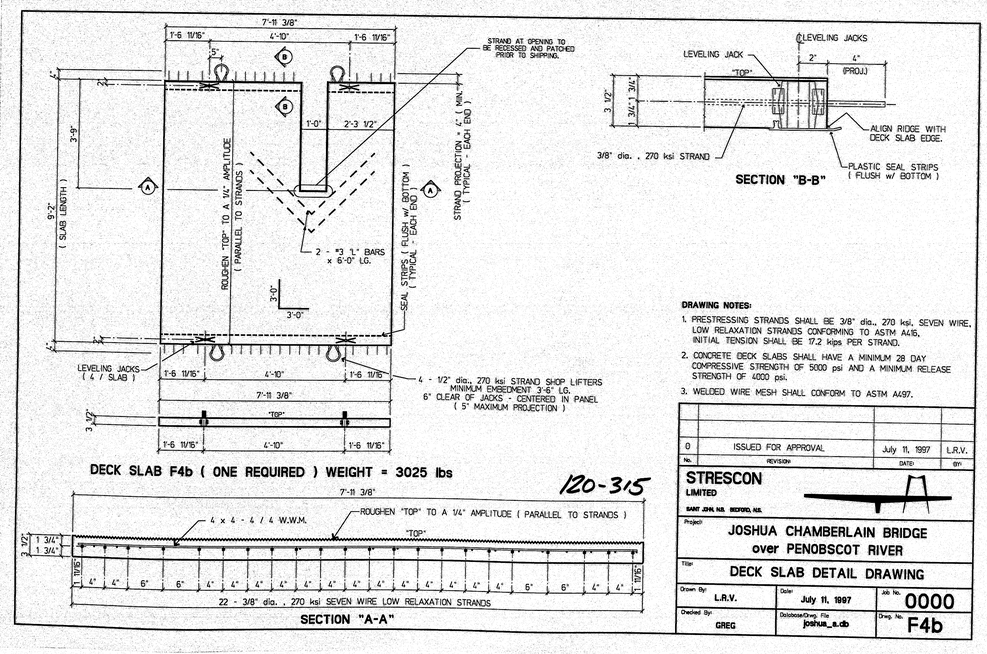
No.	REVISION	DATE	BY
1	QUANITY CHANGE	July 14, 1997	L.R.V.
0	ISSUED FOR APPROVAL	July 8, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	May 26, 1997	0000
Checked By:	**Database/Dwg. File**	**Dwg. No.**
GREG	joshua_a.db	F3



120-315

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 A497.

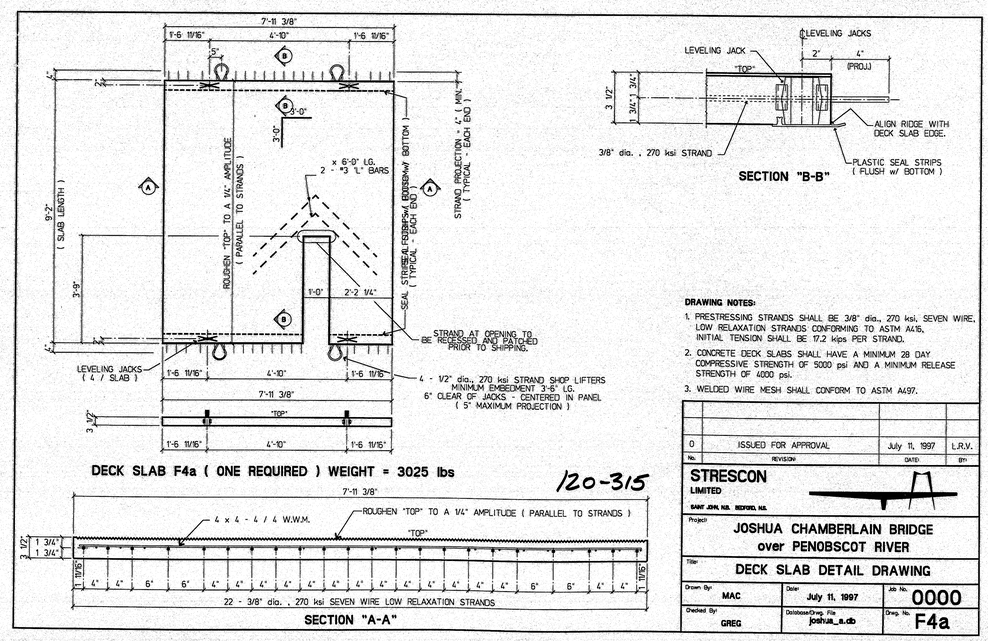
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 11, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 11, 1997	0000
Checked By:	**Database/Dwg. File**	**Dwg. No.**
GREG	joshua_a.db	F4b



120-315

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 A497.

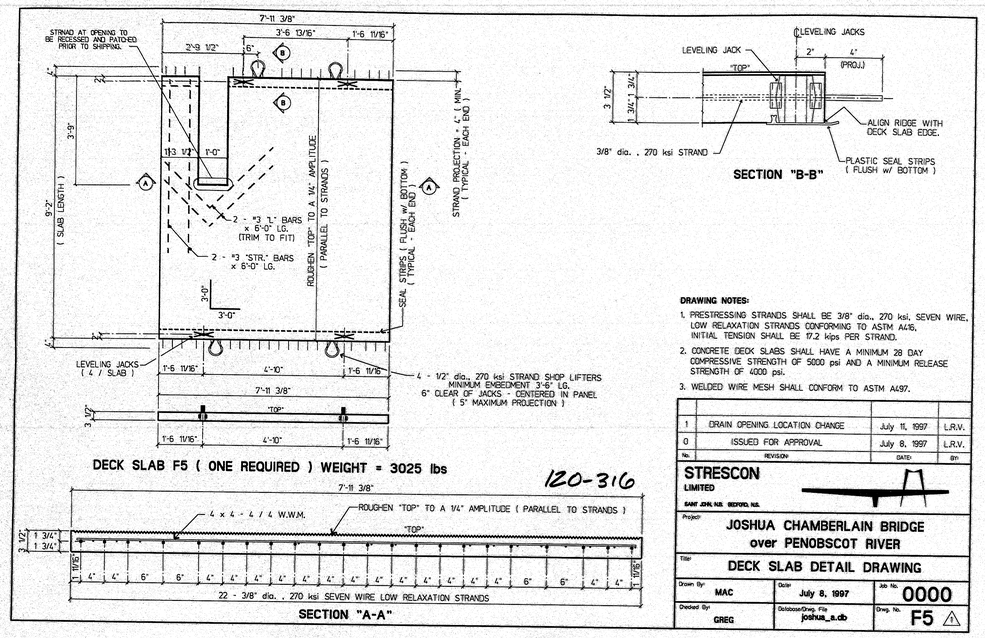
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 11, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
MAC	July 11, 1997	0000
Checked By:	**Database/Dwg. File**	**Dwg. No.**
GREG	joshua_a.db	F4a



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 A497.

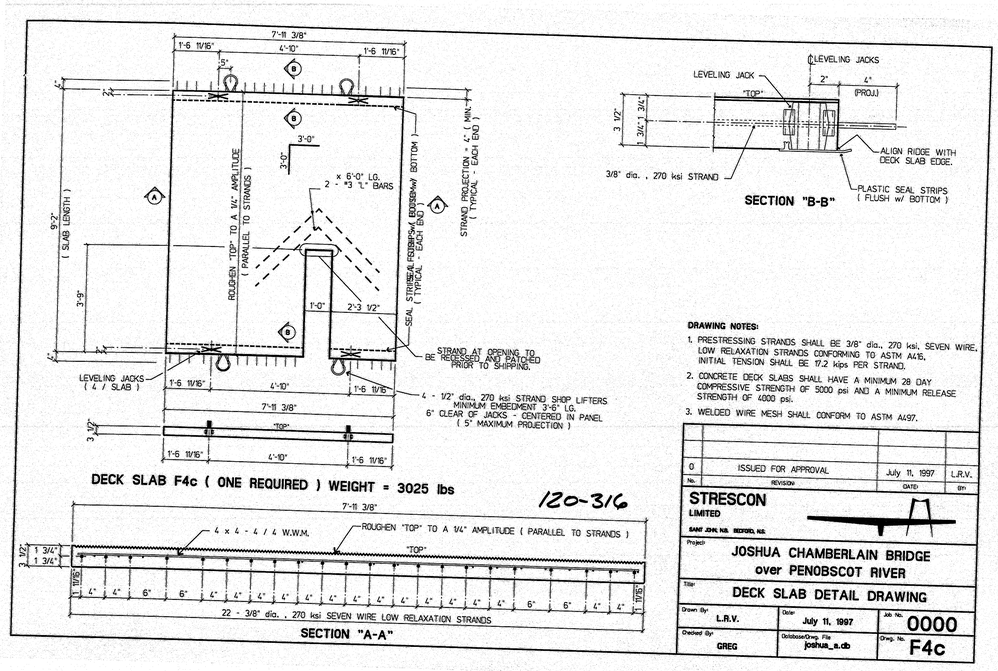
No.	REVISION	DATE	BY
1	DRAIN OPENING LOCATION CHANGE	July 11, 1997	L.R.V.
0	ISSUED FOR APPROVAL	July 8, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
MAC	July 8, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_a.db	F5



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 A497.

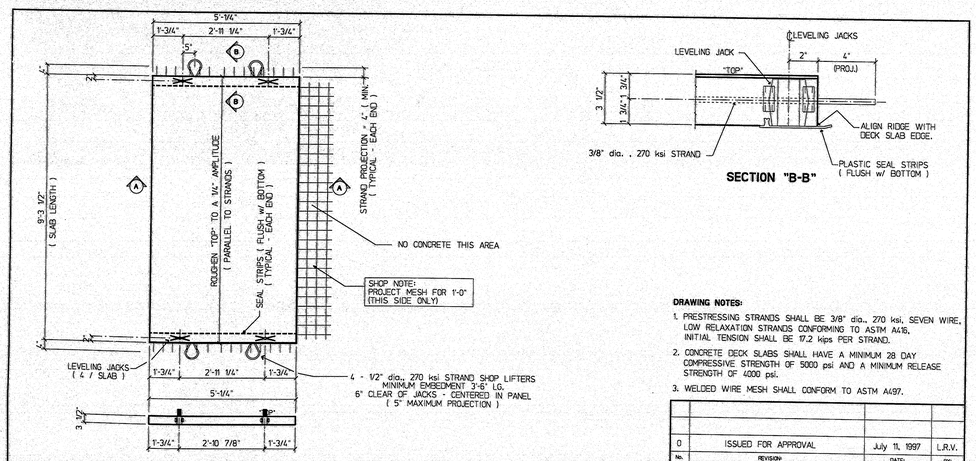
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 11, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
L.R.V.	July 11, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_a.db	F4c



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 A497.

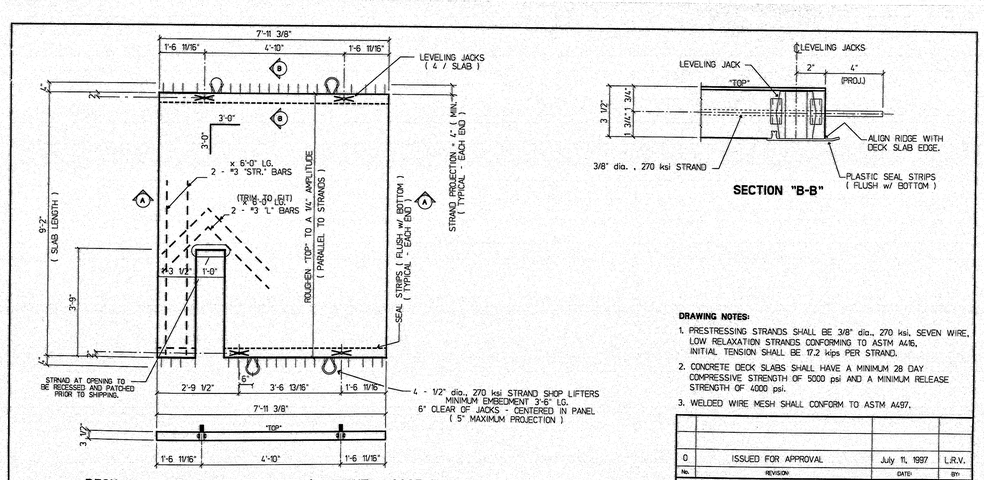
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 11, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
L.R.V.	July 11, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_a.db	F6



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 A497.

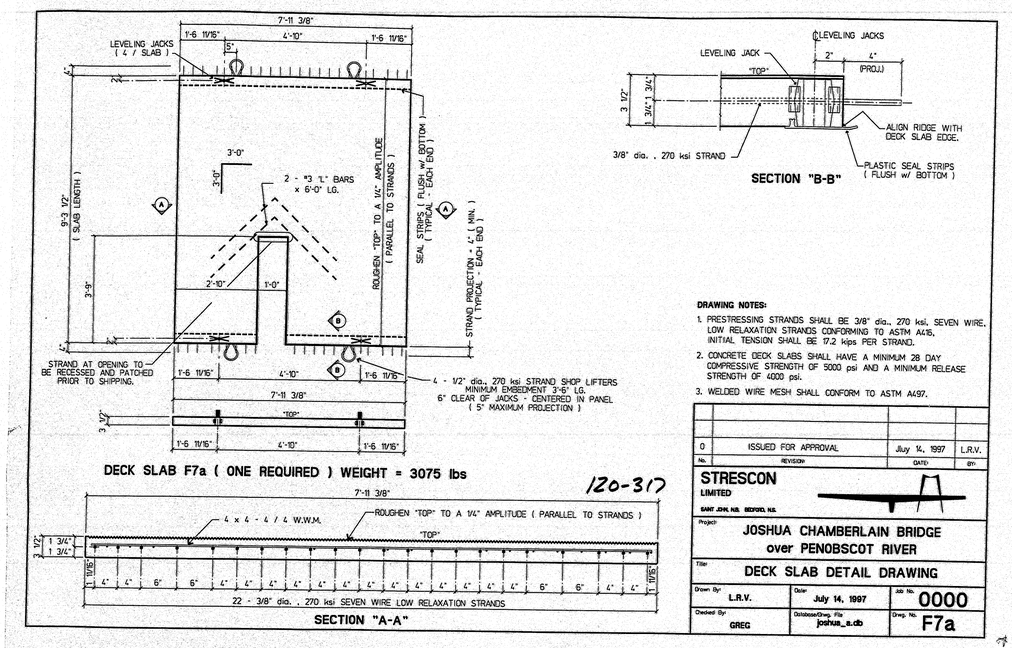
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 11, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
MAC	July 8, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_a.db	F5a



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 A497.

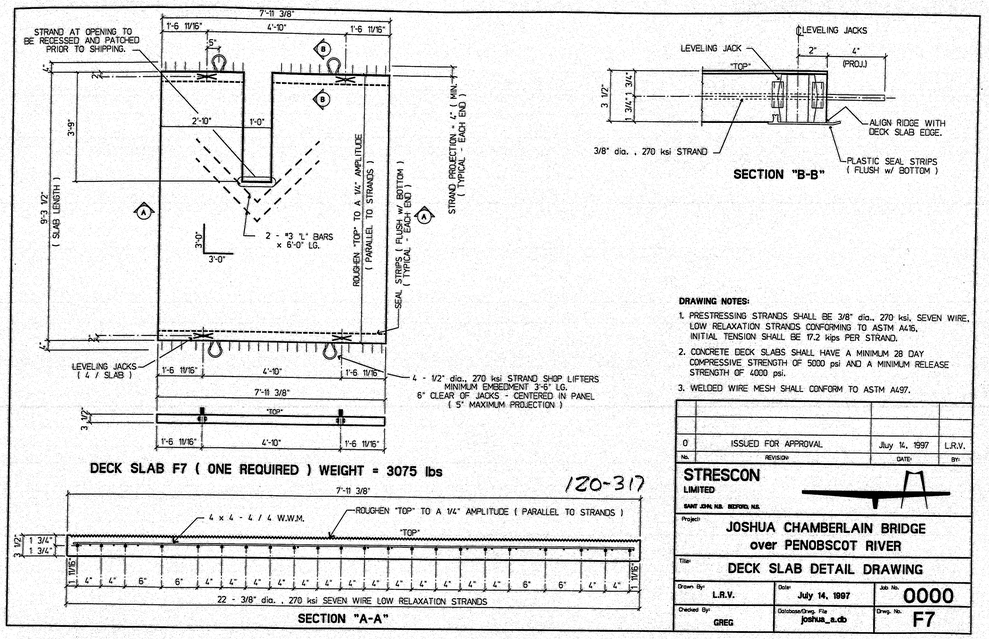
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By: GREG	Database/Dwg. File: joshua_s.db	Dwg. No. F7a



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 A497.

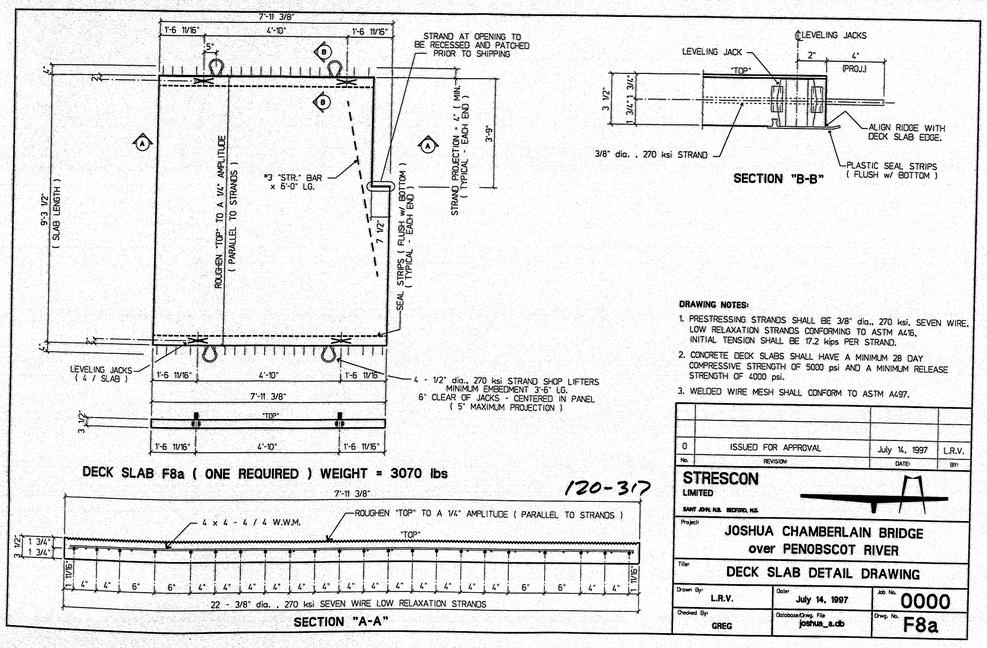
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By: GREG	Database/Dwg. File: joshua_s.db	Dwg. No. F7



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 A497.

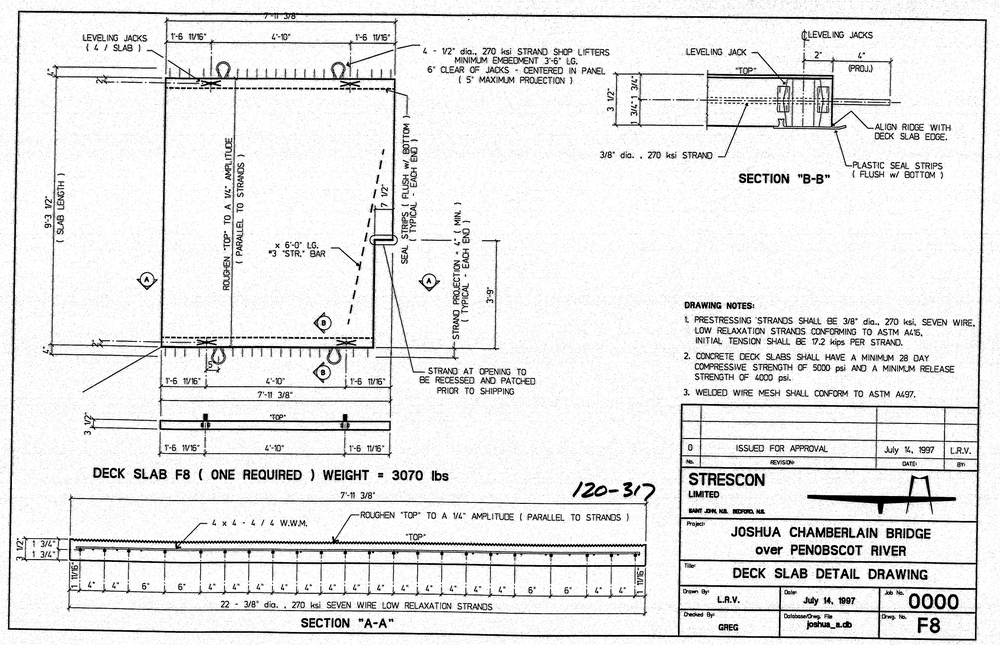
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By: GREG	Database/Dwg. File: joshua_s.db	Dwg. No. F8a



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 A497.

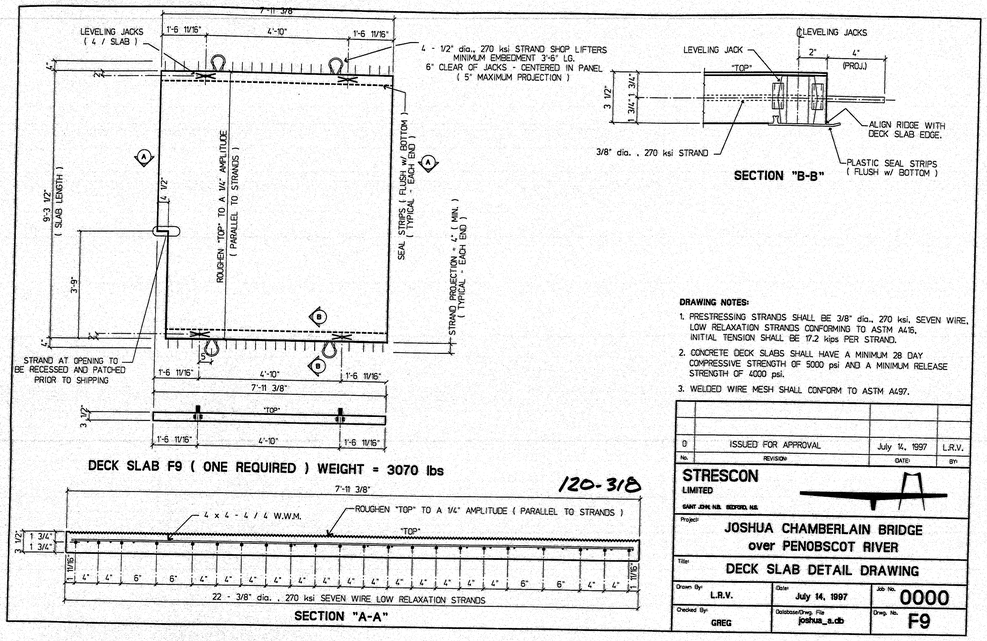
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By: GREG	Database/Dwg. File: joshua_s.db	Dwg. No. F8



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 A497.

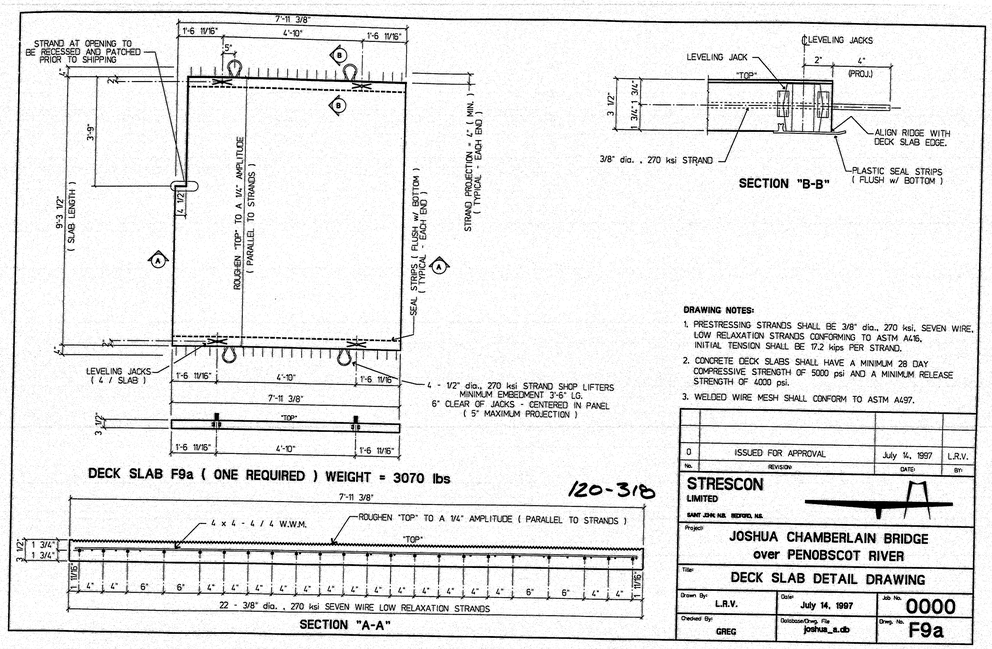
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F9



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 A497.

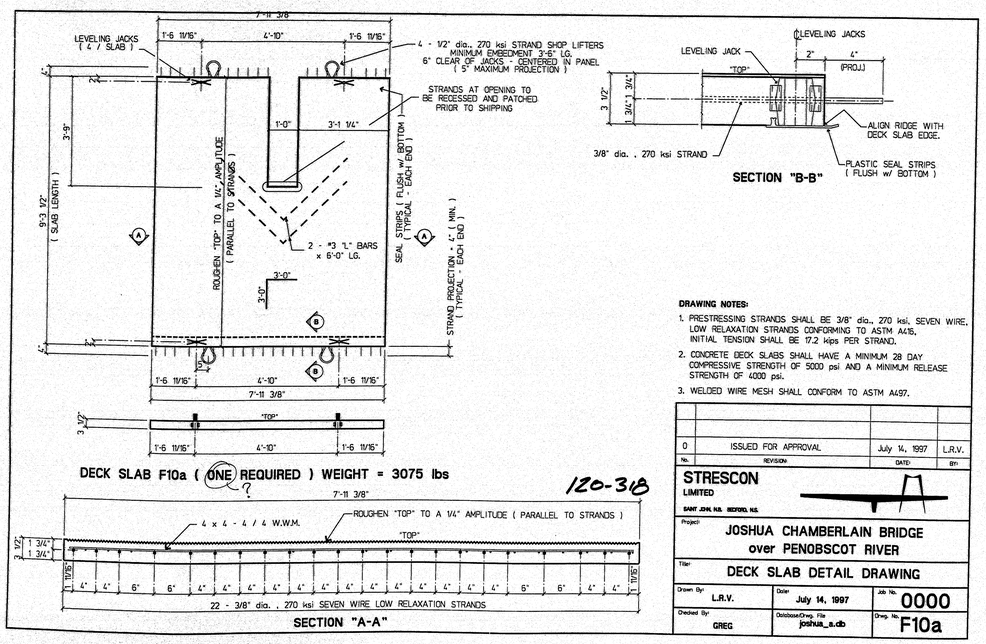
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F9a



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 A497.

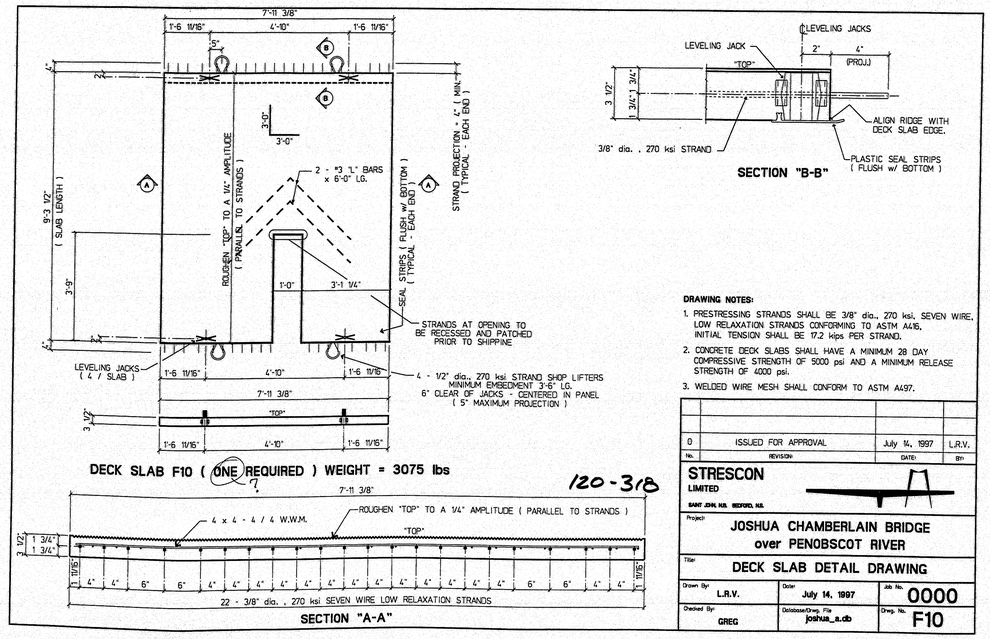
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F10a



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 A497.

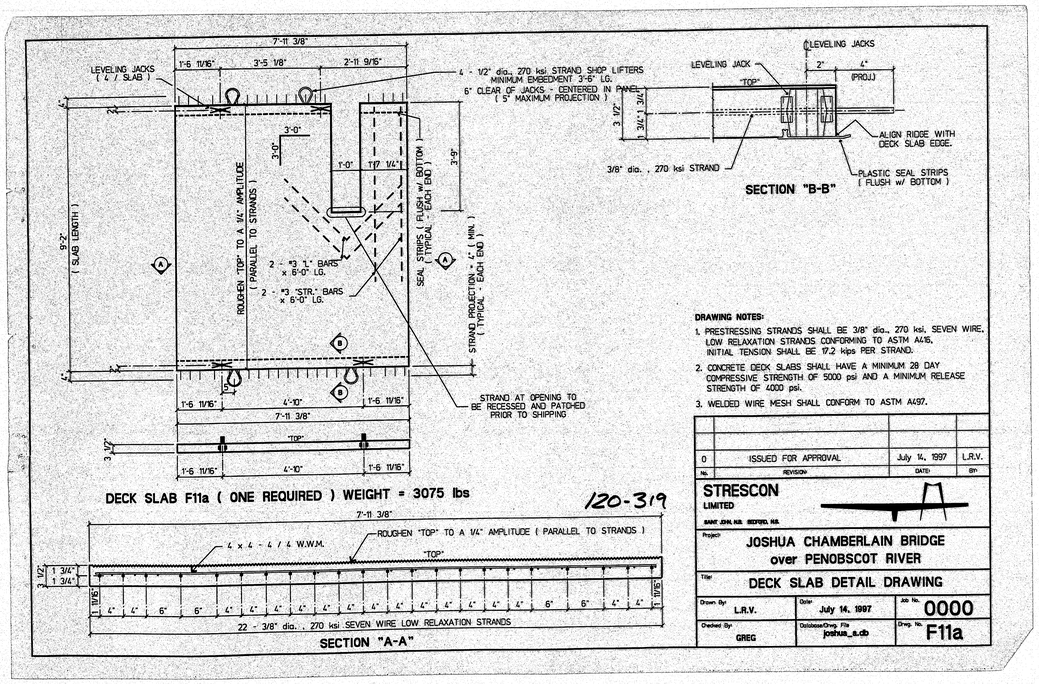
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: **JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER**

Title: **DECK SLAB DETAIL DRAWING**

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F10



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 A497.

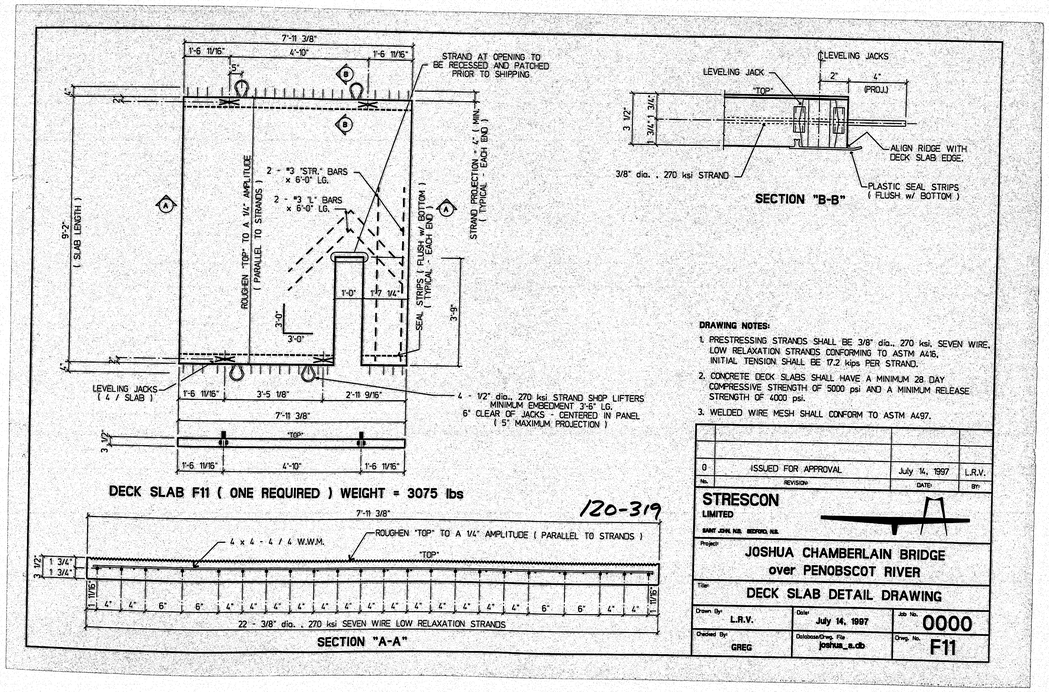
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F11a



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 A497.

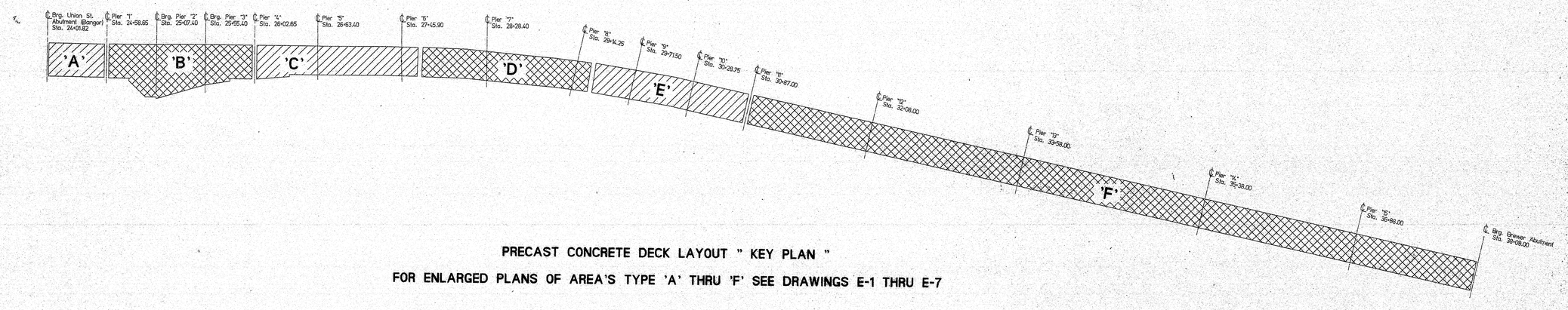
No.	REVISION	DATE	BY
0	ISSUED FOR APPROVAL	July 14, 1997	L.R.V.

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

Project: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

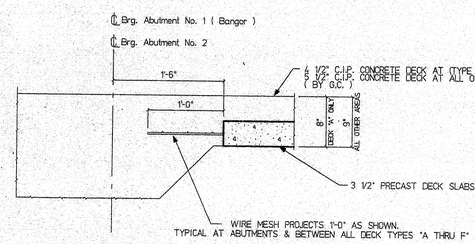
Title: DECK SLAB DETAIL DRAWING

Drawn By:	Date:	Job No.
L.R.V.	July 14, 1997	0000
Checked By:	Database/Dwg. File	Dwg. No.
GREG	joshua_s.db	F11

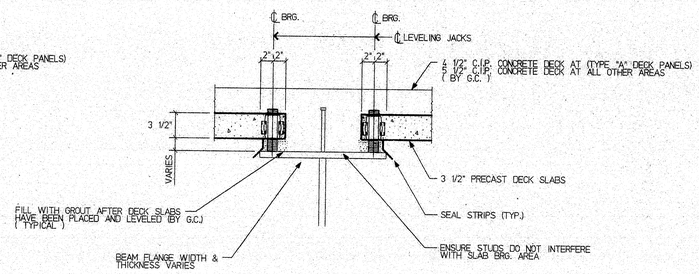


PRECAST CONCRETE DECK LAYOUT " KEY PLAN "

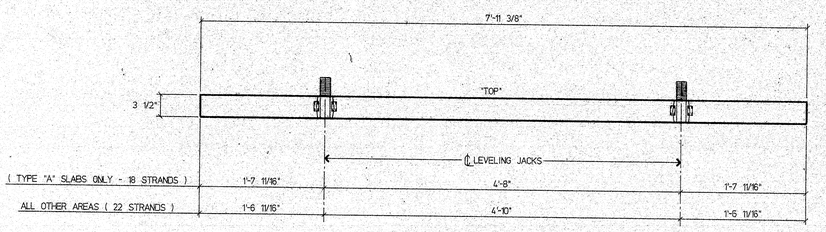
FOR ENLARGED PLANS OF AREA'S TYPE 'A' THRU 'F' SEE DRAWINGS E-1 THRU E-7



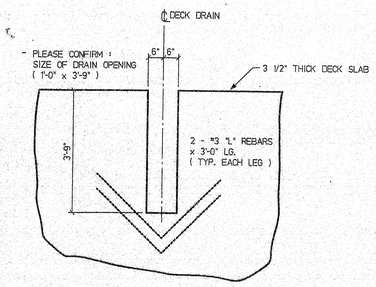
ABUTMENT AND EXPANSION DETAIL
(SHOWING SLAB EXTENT & PROJECTIONG WIRE MESH)



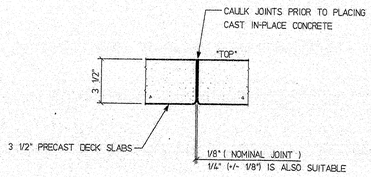
TYPICAL BRG. DETAIL



TYPICAL DECK SLAB CROSS SECTION



TYPICAL DECK DRAIN DETAIL



TYPICAL SLAB JOINT DETAIL

CONTRACTOR'S NOTES:

1) SHEAR CONNECTIONS HAVE TO BE INSTALLED AFTER PANELS ARE ERECTED.
2) SHEAR CONNECTOINS HAVE TO BE INSTALLED IN A SINGLE ROW. THE SPECIFIED QUANITY 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
AUG 6 1997
☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS.
NAME TITLE

120-320

NO.	REVISION	DATE	BY	CHK'D
1	ADDITIONAL NOTES	07/08/97	L.R.V.	GREG
0	ISSUED FOR APPROVAL	05/23/97	GREG	

ENGINEER'S STAMP:

CUSTOMER: REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER: Dept. of Transportation, Maine

STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

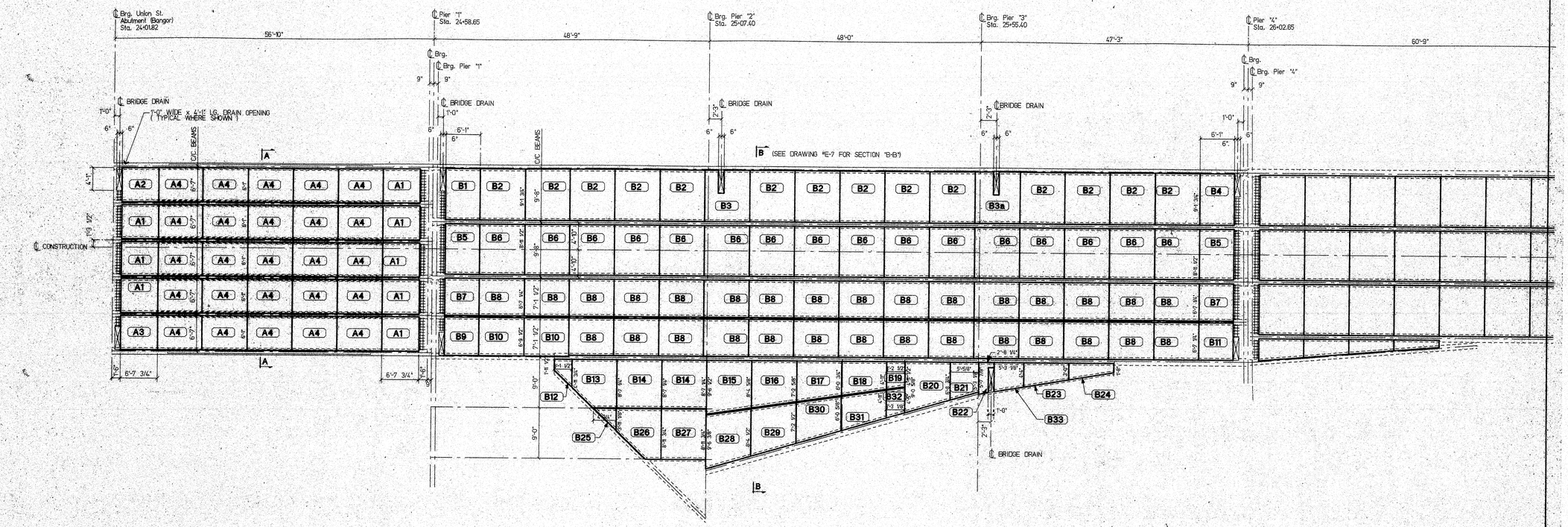
TITLE: KEY PLAN AND TYPICAL DETAILS

DATABASE/DWG. FILE: jmisc/joshcurb.db

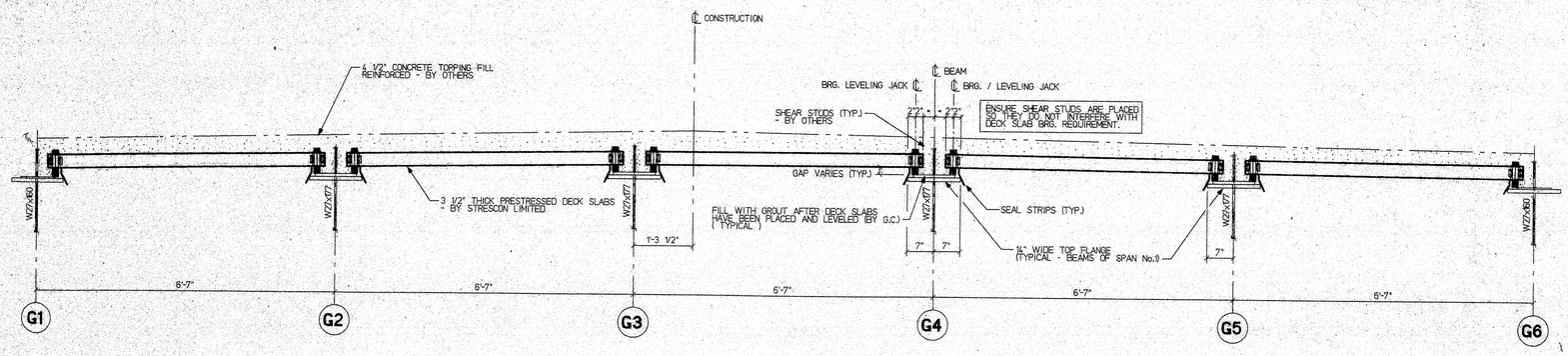
CONTRACT NUMBER: 5760

DRAWING NO.: E-0

REV: 1



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "A-A"

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

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 CONFIRMING 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 (U.N.O.)

120-321

NO.	REVISION	DATE	BY	CHKD
1	FINAL RECORD DRAWING	07/08/97	L.R.V.	GREG
0	ISSUED FOR APPROVAL	05/23/97	GREG	

ENGINEER'S STAMP:

CUSTOMER: REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER: Dept. of Transportation, Maine

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

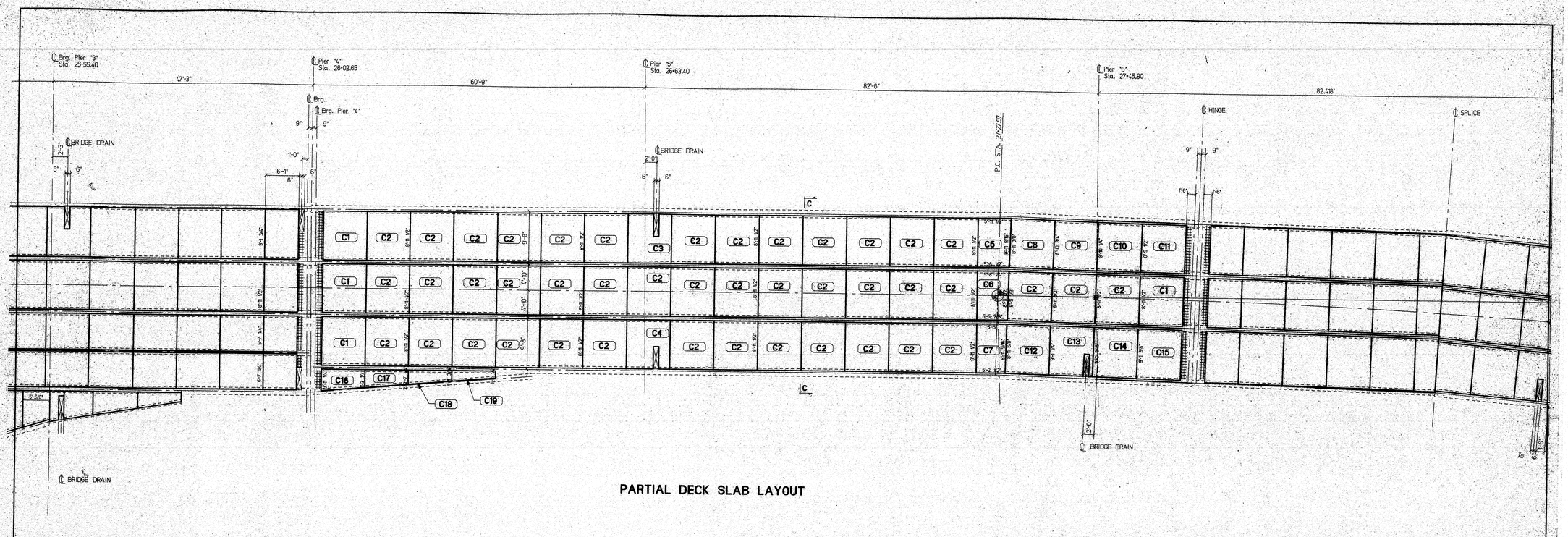
TITLE: TYPES "A" & "B" SLAB LAYOUT

DATABASE/CONS. FILE: lvrlsc/joshua2.db

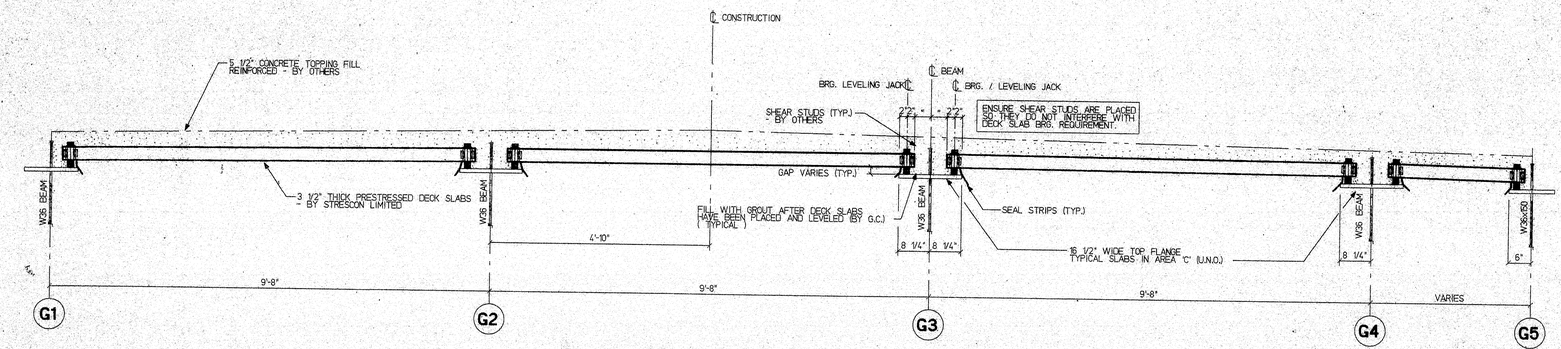
CONTRACT NUMBER: 5760

DRAWING NO.: E-1

REV: 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.
NAME 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 CONFIRMING 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 (U.N.O.)

120-322

ENGINEER'S STAMP :

NO.	REVISION	DATE	BY	CHKD
1	FINAL RECORD DRAWING	07/08/97	L.R.V.	GREG
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER : REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER : Dept. of Transportation, Maine

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

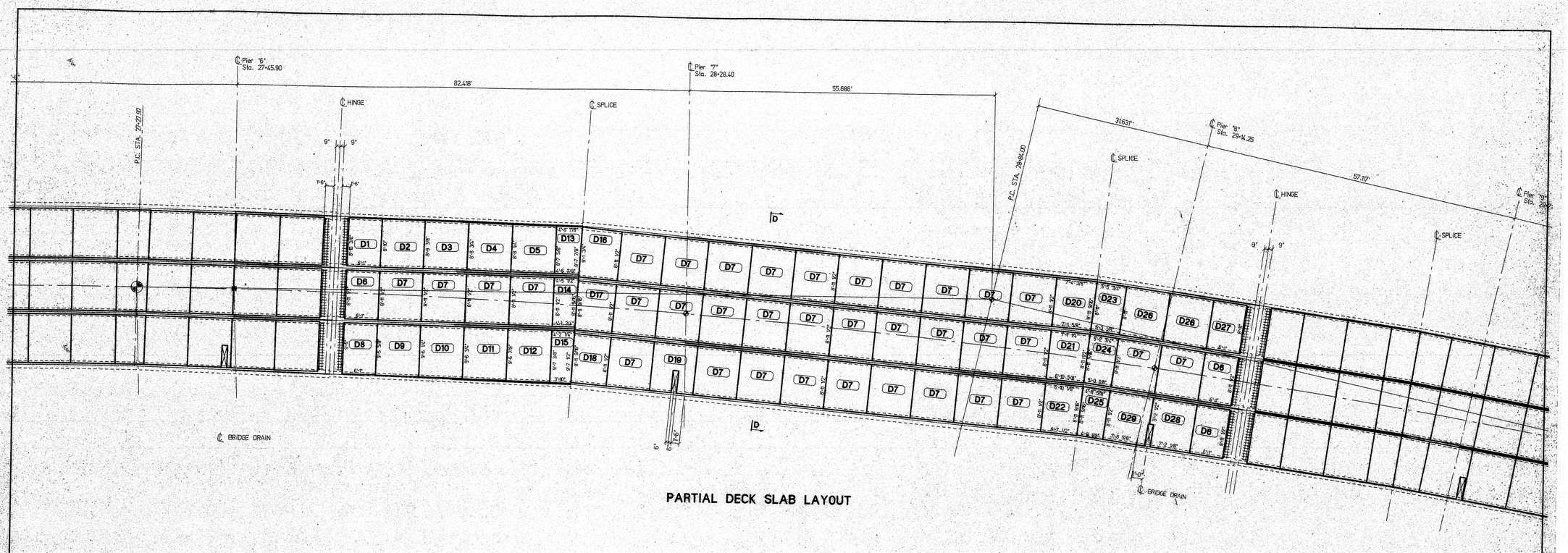
TITLE: TYPE "C" SLAB LAYOUT

DATABASE/DWG. FILE : i:misc/joshua2.db

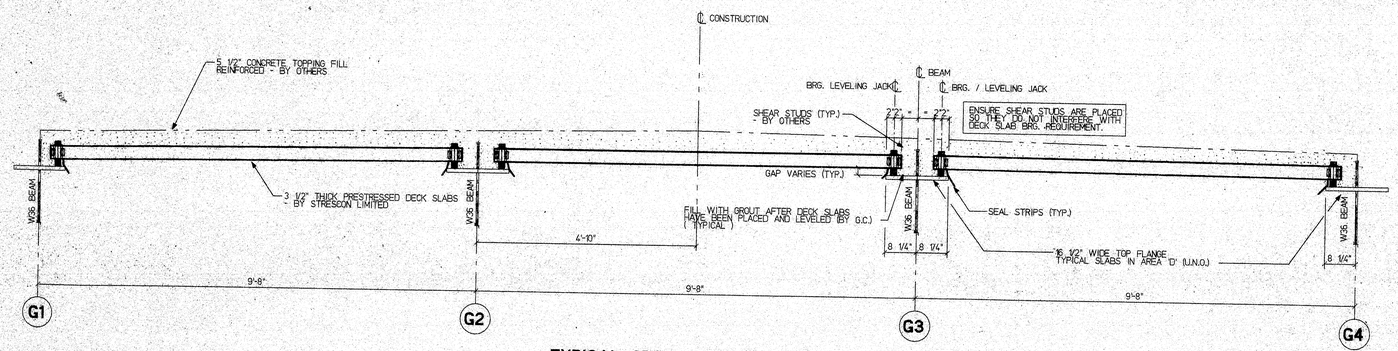
CONTRACT NUMBER: 5760

DRAWING NO.: E-2

REV: 1



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.
NAME 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 CONFIRMING 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 (U.N.O.)

120-323

ENGINEER'S STAMP:

NO.	REVISION	DATE	BY	CHK'D
0	FINAL RECORD DRAWING	07/08/97	L.R.V.	GREG
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER: REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER: Dept. of Transportation, Maine

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

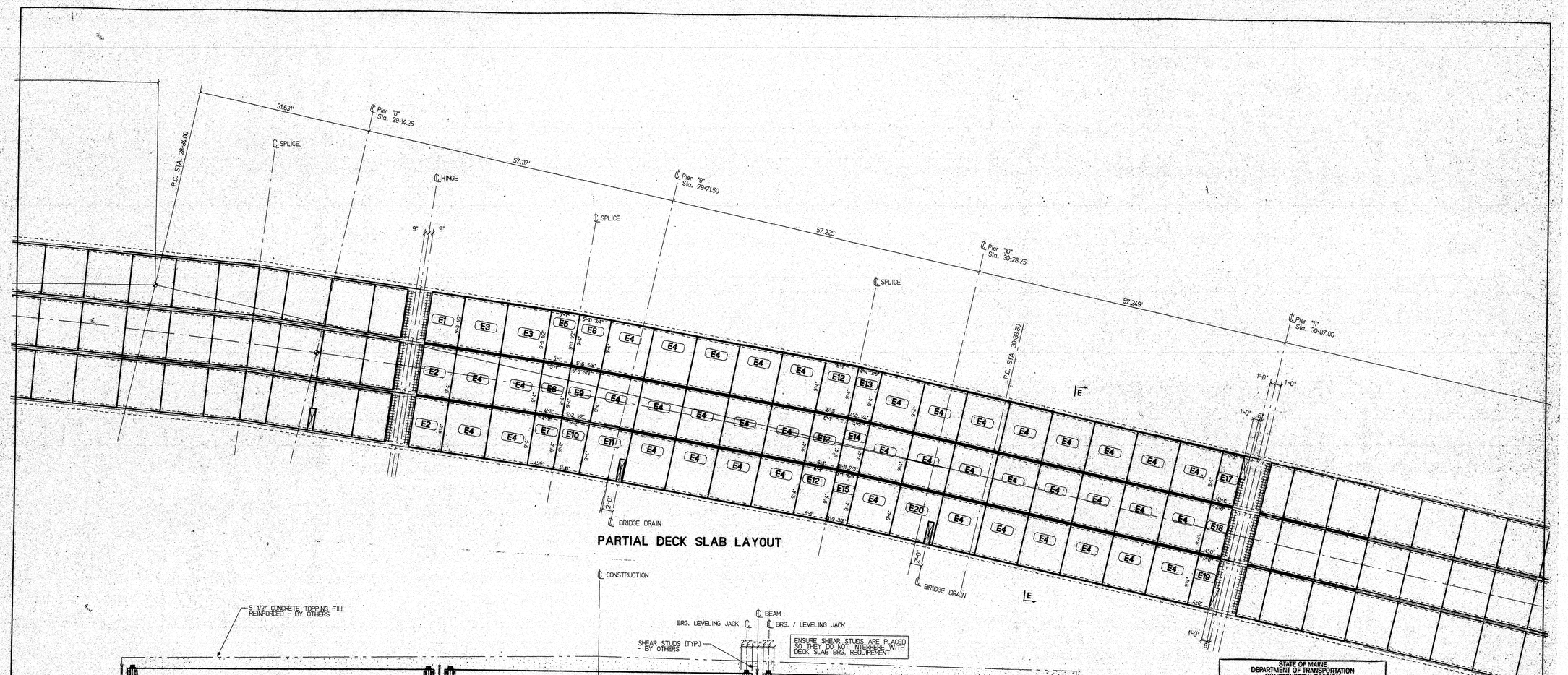
TITLE: TYPE "D" SLAB LAYOUT

DATA/DRAWINGS FILE: tmlsc/joshua2.db

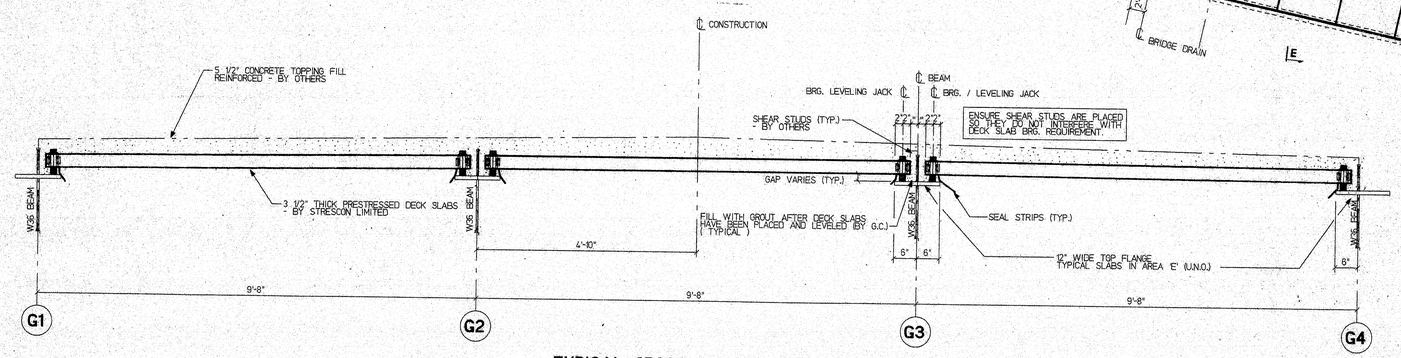
CONTRACT NUMBER: 5760

DRAWING NO.: E-3

REV.: 1



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 105 OF STANDARD SPECIFICATIONS.
NAME 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 CONFIRMING 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 (U.N.O.)

120-324

ENGINEER'S STAMP :

NO	REVISION	DATE	BY	CHKD
1	FINAL RECORD DRAWING	07/08/97	L.R.V.	GREG
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER : REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER : Dept. of Transportation, Maine

STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

TITLE: TYPE "E" SLAB LAYOUT

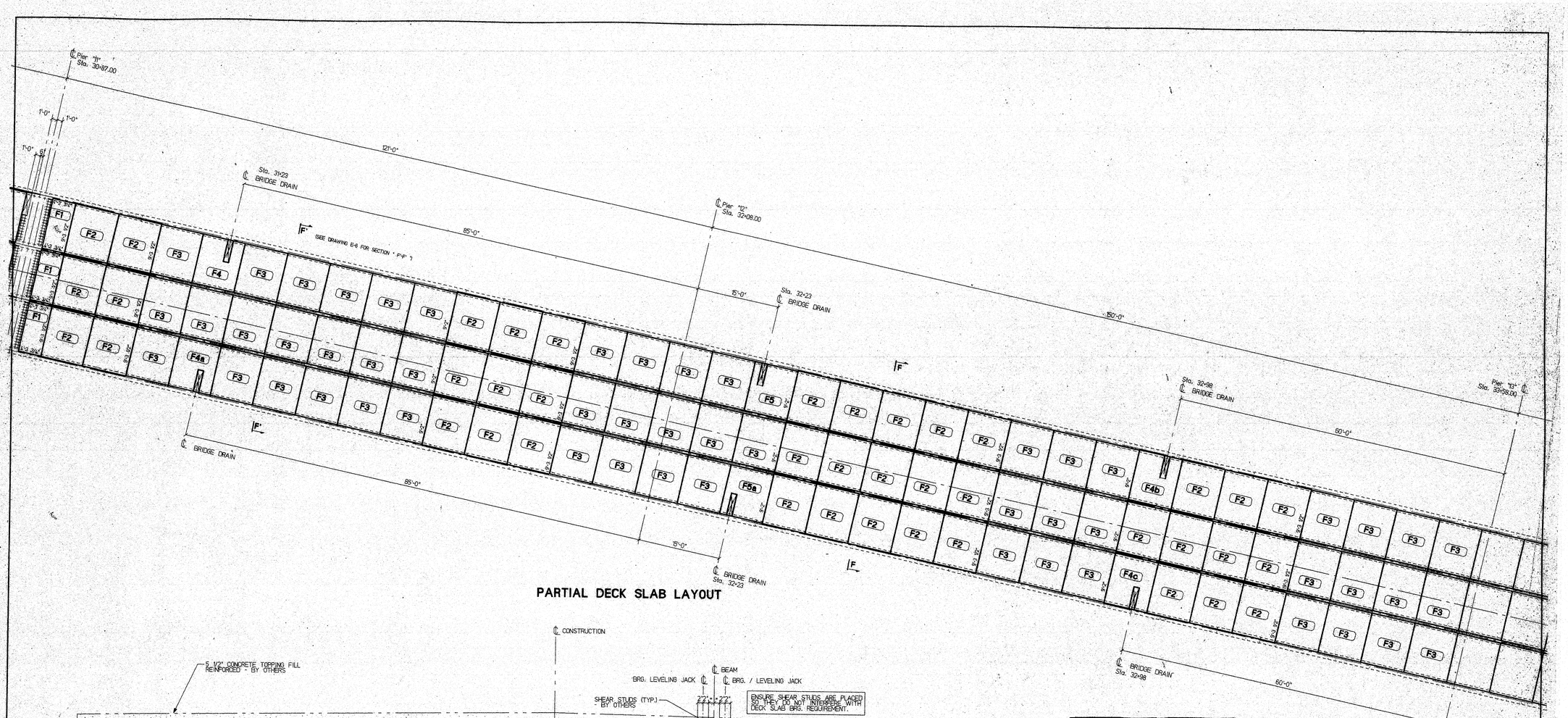
DATABASE/DWG. FILE : I:\mist\joshua2.db

CONTRACT NUMBER: 5760

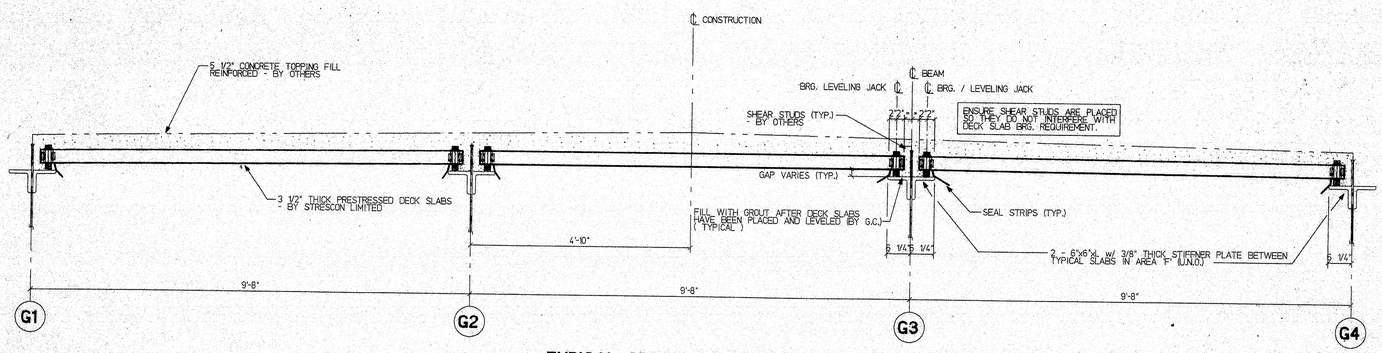
DRAWING NO.: E-4

REV: 1

STRESCON LIMITED



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 — 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 CONFIRMING 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" O/C JOINTS (U.N.O.)

120-325

ENGINEER'S STAMP :

NO.	REVISION :	DATE :	BY :	CHK'D :
1	FINAL RECORD DRAWING	07/08/97	L.R.V.	GREG
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER :
REED & REED, INC.
WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER :
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 (1 OF 3)

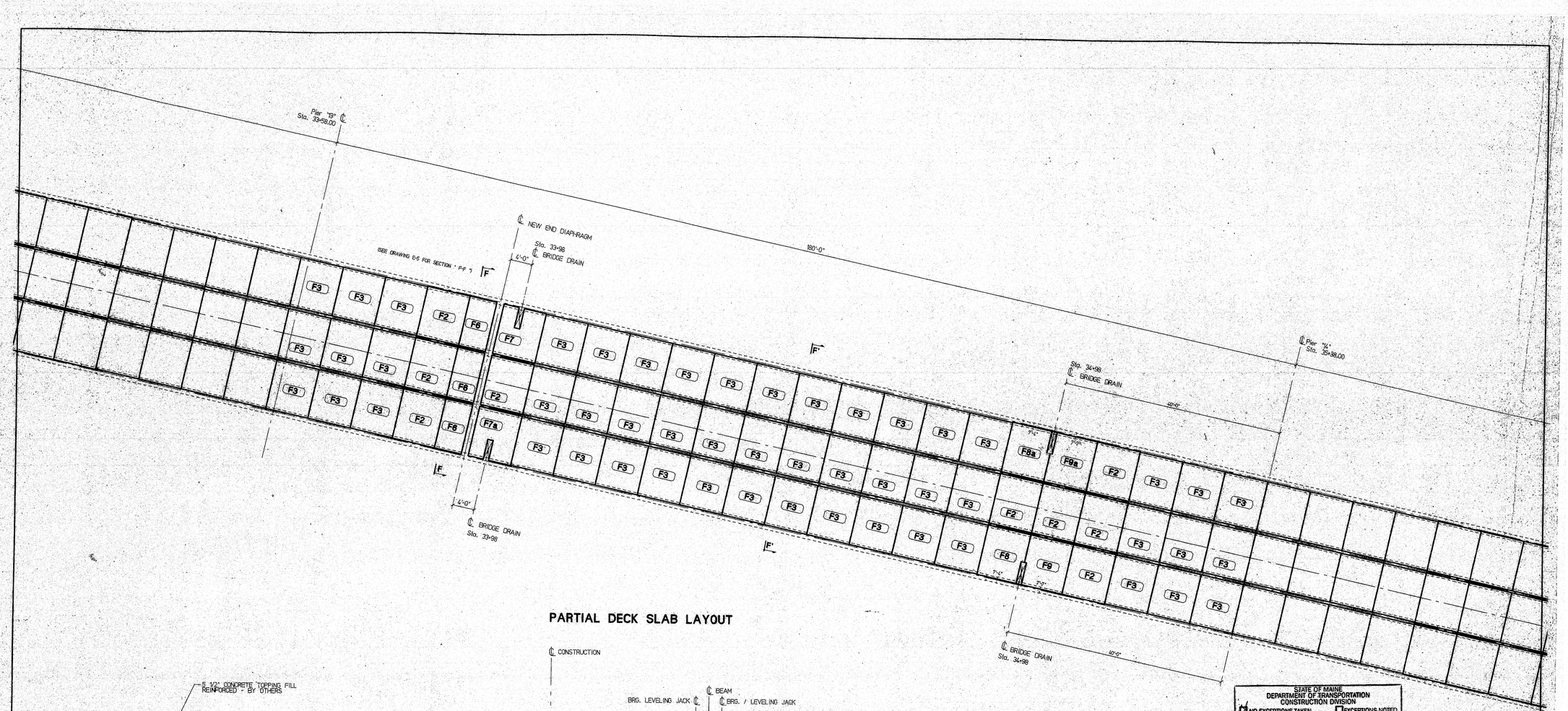
PART

DATABASE/DWG. FILE :
I:\misc\joshua2.db

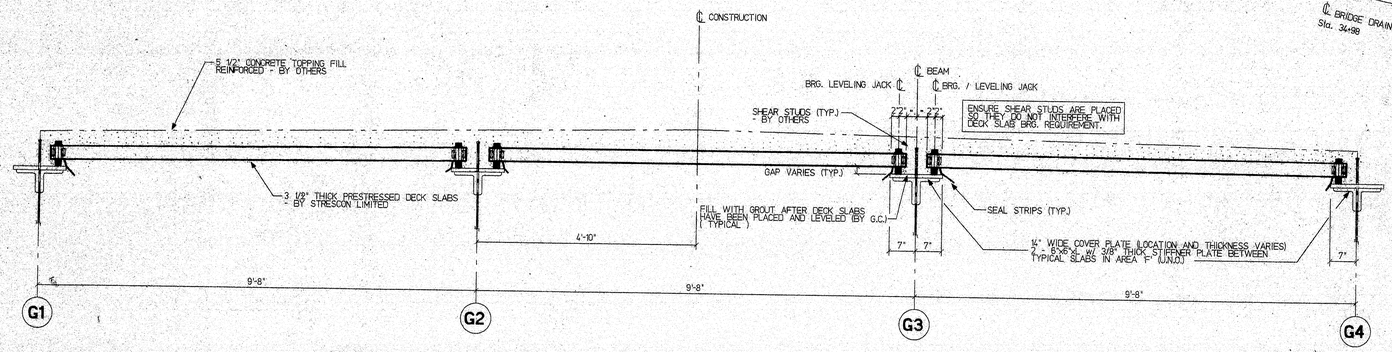
CONTRACT NUMBER:
5760

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 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 CONFIRMING 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 COVERN 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.)

120-326

ENGINEERS STAMP :

NO :	REVISION :	DATE :	BY :	CHKD :
1	FINAL RECORD DRAWING	07/08/97	L.R.V.	GREG
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER : REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER : Dept. of Transportation, Maine

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

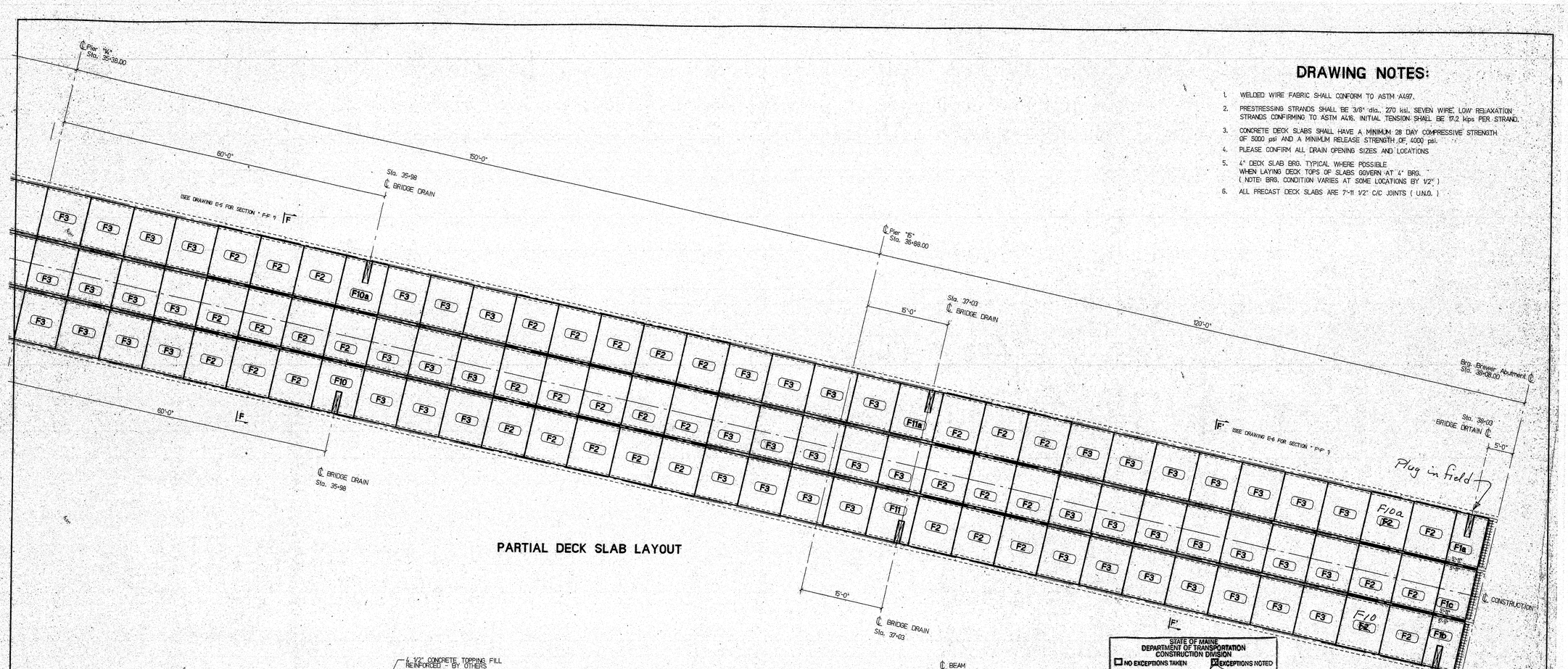
PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

TITLE: TYPE "F" SLAB LAYOUT (2 OF 3)

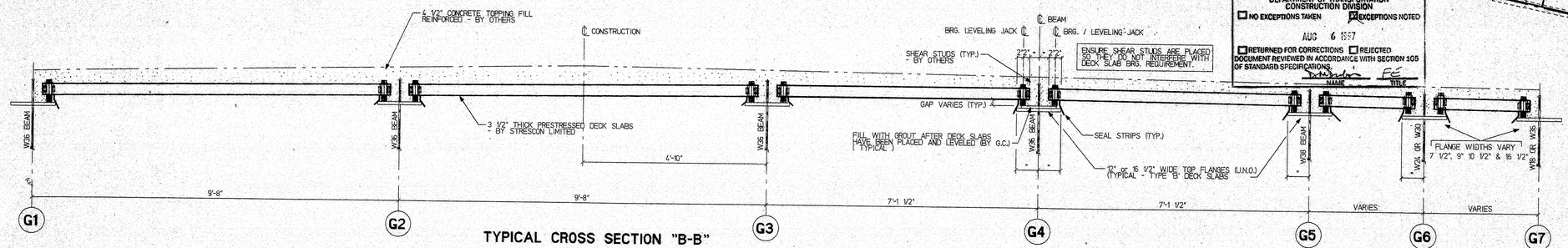
PART	DATABASE/CAD FILE :	CONTRACT NUMBER :	DRAWING NO.	REV.
	hmisc/joshua2.db	5760	E-6	1

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 CONFIRMING 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 (U.N.O.)



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "B-B"

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 PE TITLE

120-327

ENGINEER'S STAMP

NO	REVISION	DATE	BY	CHKD
1	FINAL RECORD DRAWING	07/08/97	L.R.V.	GREG
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER: REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER: Dept. of Transportation, Maine

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

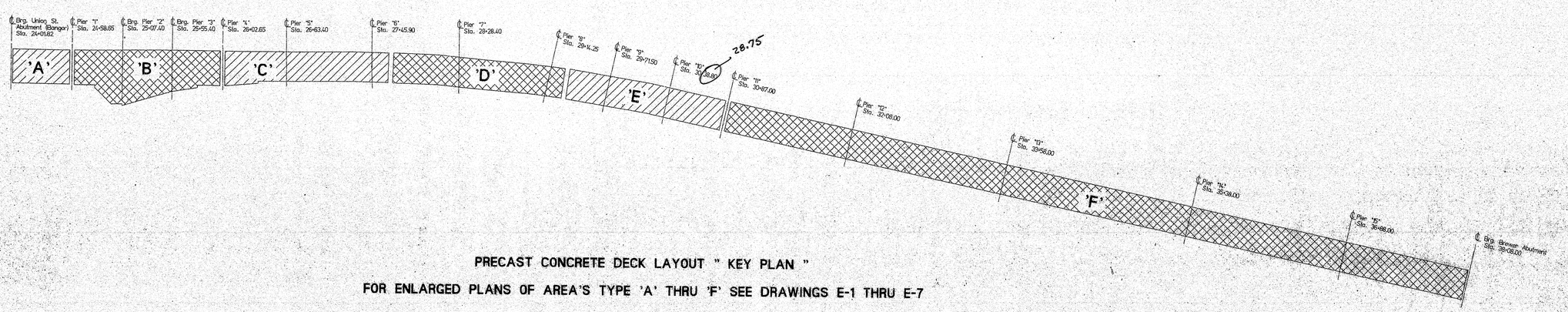
TITLE: TYPE "F" SLAB LAYOUT (3 OF 3) PART

DATABASE/DWG. FILE: i:misc/joshua2.db

CONTRACT NUMBER: 5760

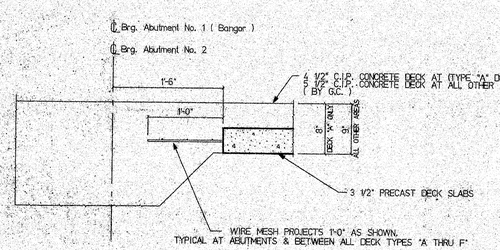
DRAWING NO.: E-7

REV: 1

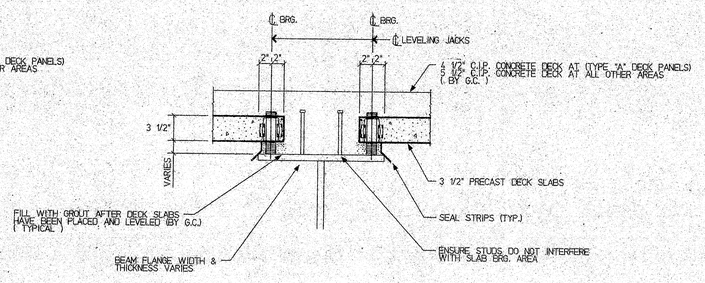


PRECAST CONCRETE DECK LAYOUT " KEY PLAN "

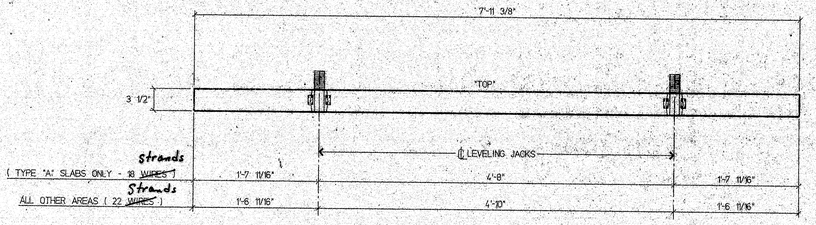
FOR ENLARGED PLANS OF AREA'S TYPE 'A' THRU 'F' SEE DRAWINGS E-1 THRU E-7



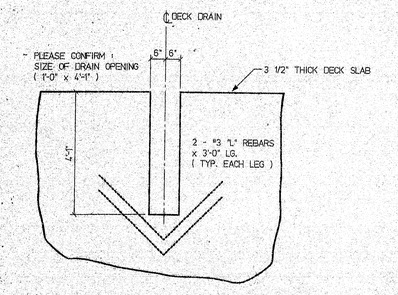
ABUTMENT AND EXPANSION DETAIL
(SHOWING SLAB EXTENT & PROJECTIONG WIRE MESH)



TYPICAL BRG. DETAIL

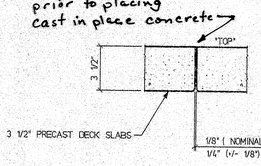


TYPICAL DECK SLAB CROSS SECTION



TYPICAL DECK DRAIN DETAIL

Joints to be caulked prior to placing cast in place concrete



TYPICAL SLAB JOINT DETAIL

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

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION
☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED
JUN 10 1997
☐ RESUBMIT FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS
DM Bolduc — NAME — PE — TITLE

CONTRACTOR'S NOTES

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

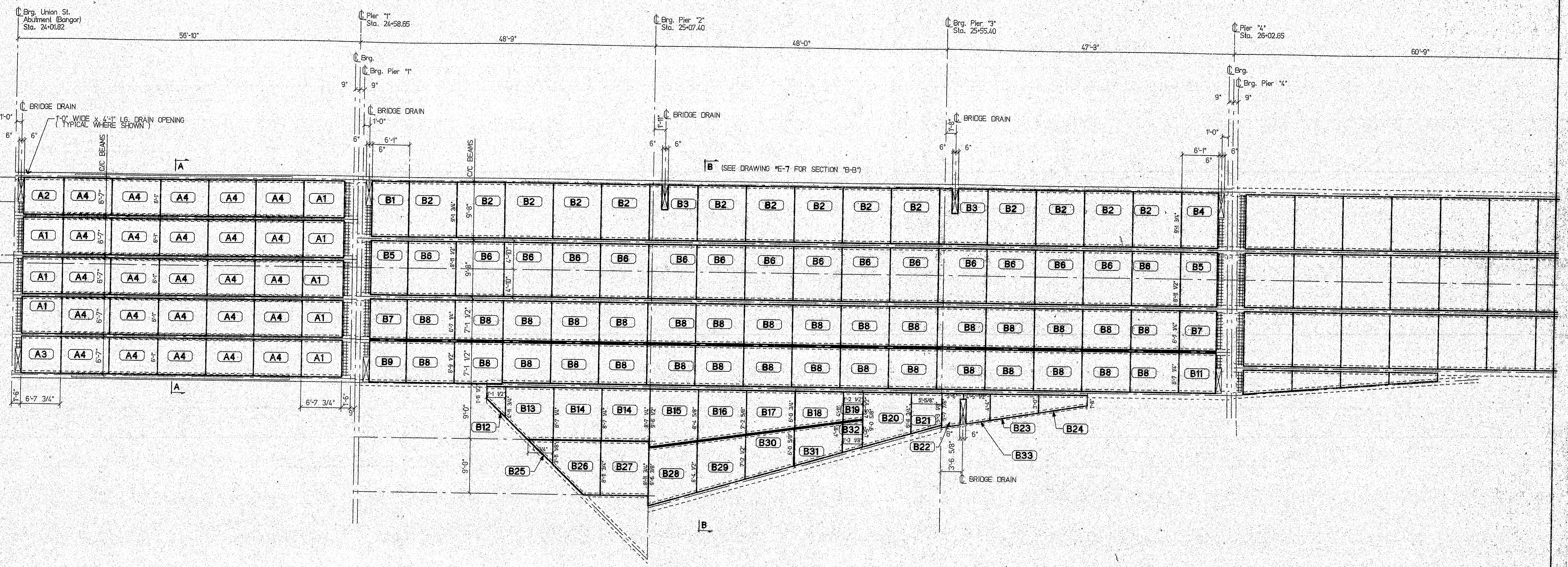
DRAWING NOTES:

1. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A(497..
2. PRESTRESSING STRANDS SHALL BE 3/8" dia., 270 ksi, SEVEN WIRE, LOW RELAXATION STRANDS CONFIRMING 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 (U.N.O.)

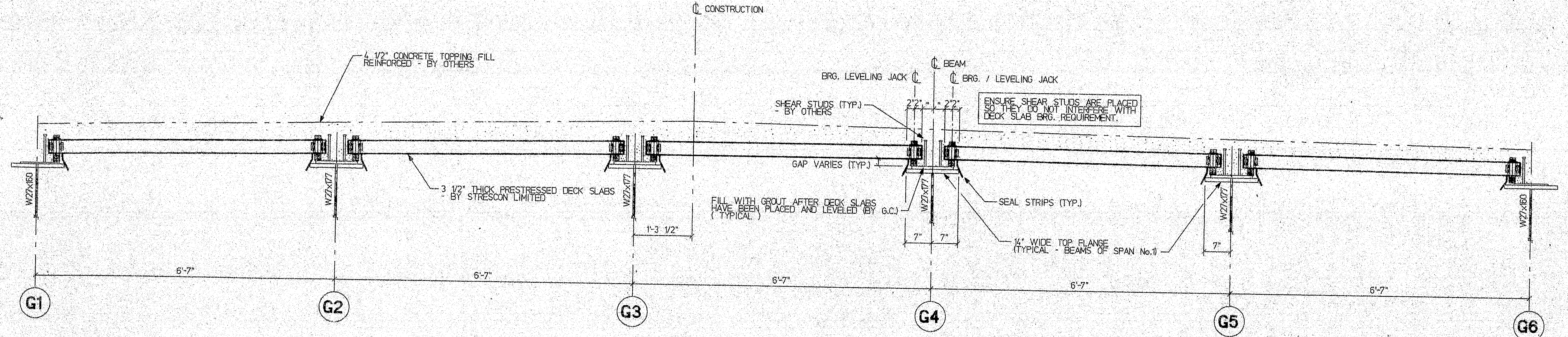
JPC 05-29-97

120-328

ENGINEER'S STAMP :					CUSTOMER : REED & REED, INC. WOOLWICH, MAINE	STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.	STRESCON LIMITED
					ARCHITECT OR CONS. ENGINEER : Dept. of Transportation, Maine	PROJECT : JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER	
	0	ISSUED FOR APPROVAL	05/23/97	GREG		TITLE : KEY PLAN AND TYPICAL DETAILS	DATABASE/DWG FILE : jmisc/joshua2.dib
	NO :	REVISION :	DATE :	BY : CHK'D :		CONTRACT NUMBER : 5760	DRAWING NO. : E-0



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "A-A"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION
☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED
See dwg. E-0
JUN 1 0 1997
☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS.
DM Dubois FE
NAME 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 CONFIRMING 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 (U.N.O.)

120-329

ENGINEER'S STAMP :	NO. :	REVISION :	DATE	BY :	CHK'D :
	0	ISSUED FOR APPROVAL	05/23/97	GREG	

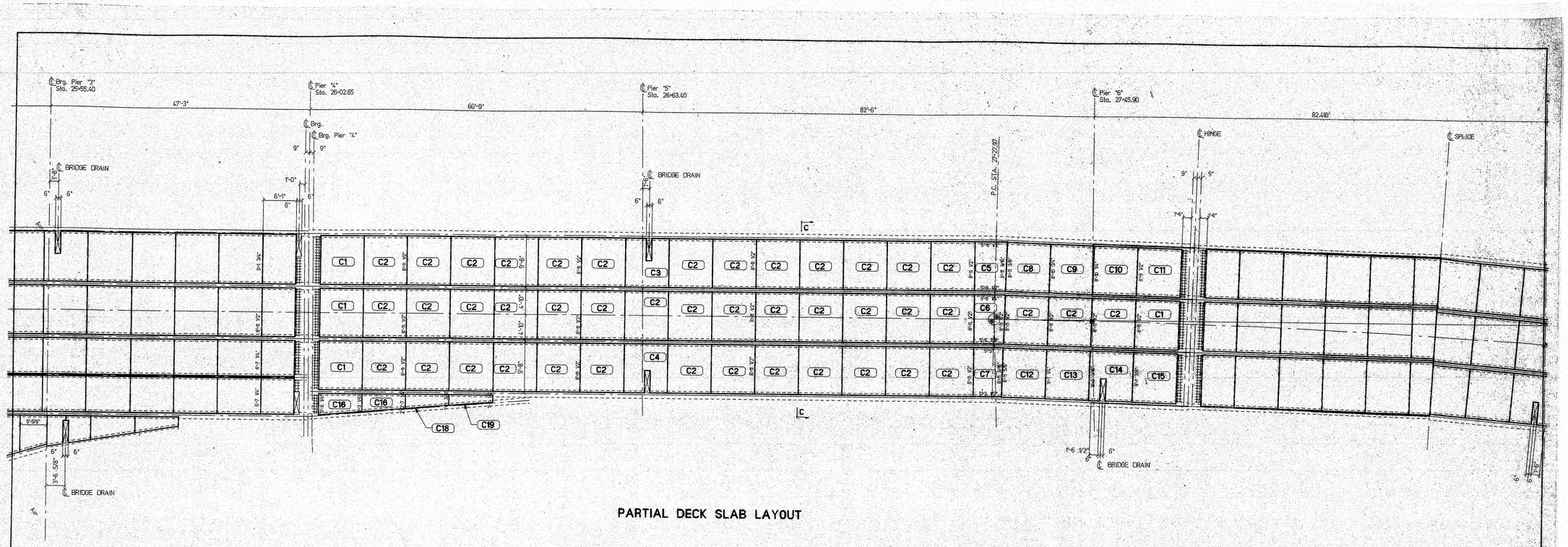
CUSTOMER :
REED & REED, INC.
WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER :
Dept. of Transportation, Maine

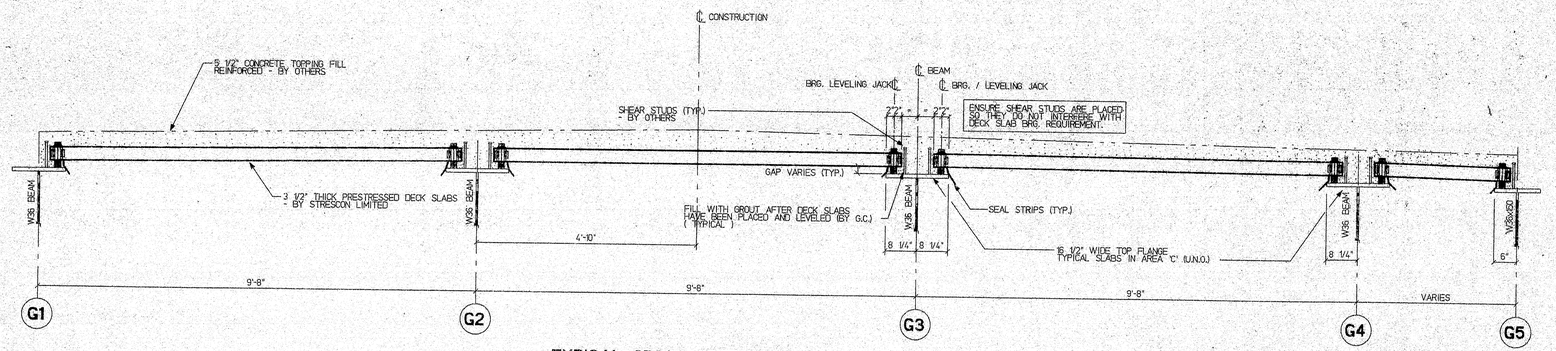
STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT:
JOSHUA CHAMBERLAIN BRIDGE
over PENOBSCOT RIVER

TITLE:	DATABASE/DWG. FILE :	CONTRACT NUMBER:	DRAWING NO.	REV.
TYPES "A" & "B" SLAB LAYOUT	i:misc./joshua2.db	5760	E-1	△



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "C-C"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION
☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED
See Dwg. E-0
JUN 10 1997
☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105
OF STANDARD SPECIFICATIONS.
NAME 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 CONFIRMING 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 ℄ 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.)

120-330

ENGINEER'S STAMP :

NO :	REVISION :	DATE :	BY :	CHKD :
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER : REED & REED, INC. WOOLWICH, MAINE
ARCHITECT OR CONS. ENGINEER : Dept. of Transportation, Maine

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT : JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

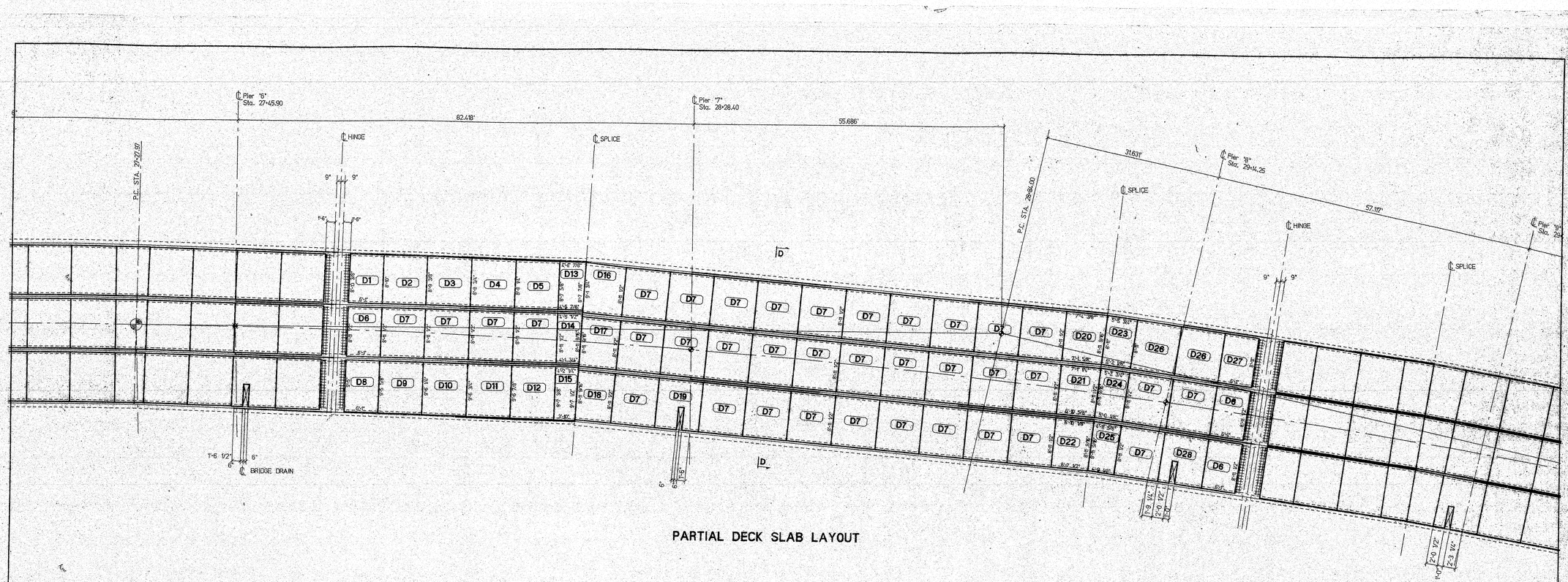
TITLE : TYPE "C" SLAB LAYOUT

DATA/ASSOCIATED FILE : misc/joshua2.db

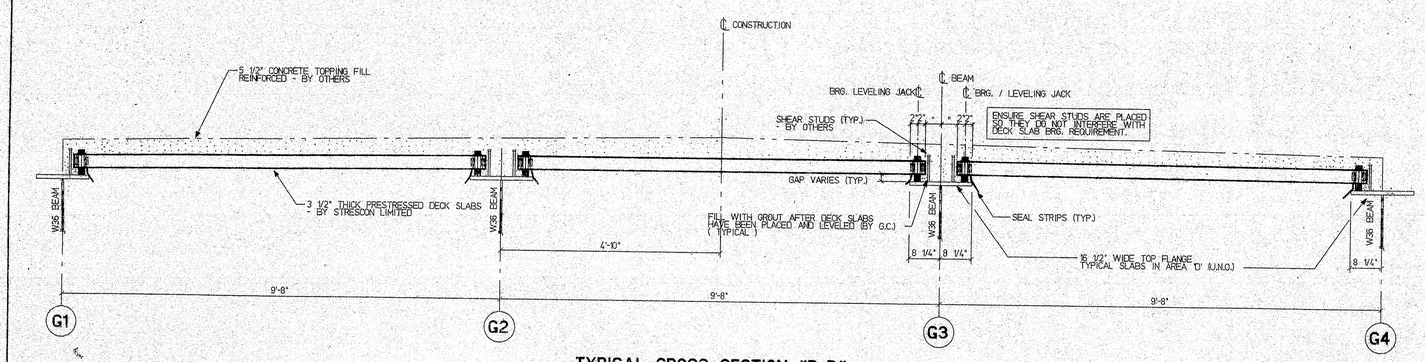
CONTRACT NUMBER : 5760

DRAWING NO. : E-2

REV. : △



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "D-D"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION
☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED
See dwg. #2
JUN 10 1997
☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS
NAME — 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 CONFIRMING 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 (U.N.O.)

120-331

NO.	REVISION	DATE	BY	CHKD
0	ISSUED FOR APPROVAL	05/23/97	BREG	

ENGINEER'S STAMP:

CUSTOMER: REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER: Dept. of Transportation, Maine

STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT: JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

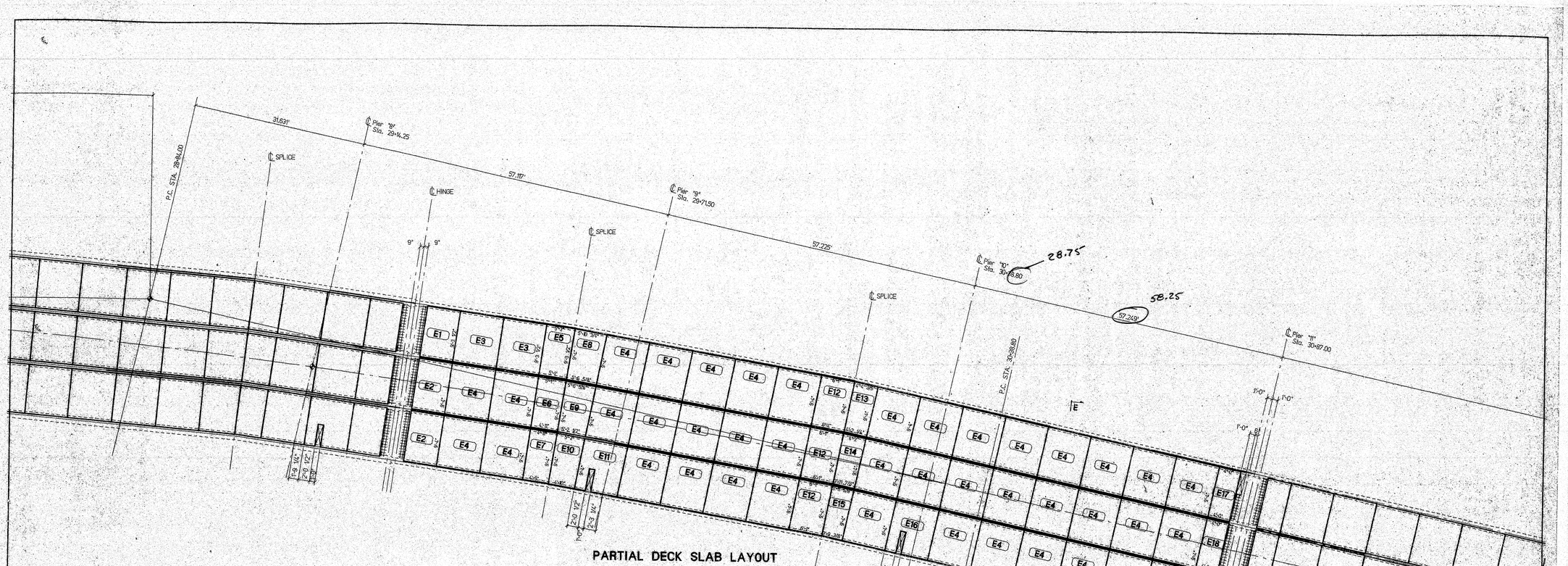
TITLE: TYPE "D" SLAB LAYOUT

DATA/ADDITIONAL FILE: imisc/joshua2.db

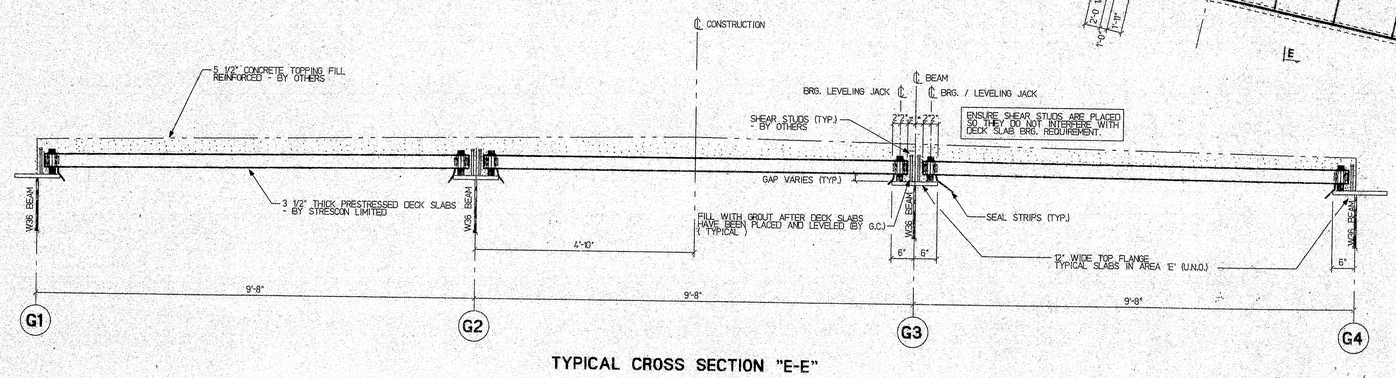
CONTRACT NUMBER: 5760

DRAWING NO.: E-3

DEV



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION "E-E"

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION

☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED See dwg E-0

JUN 10 1997

☐ RETURNED FOR CORRECTIONS ☐ REJECTED

DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS

DATE _____ NAME _____ 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, CONFIRMING 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 (U.N.O.)

120-332

ENGINEER'S STAMP :

NO	REVISION	DATE	BY	CHKD
0	ISSUED FOR APPROVAL	05/23/97	GREB	

CUSTOMER : REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER : Dept. of Transportation, Maine

STRESCON LIMITED SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT : JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

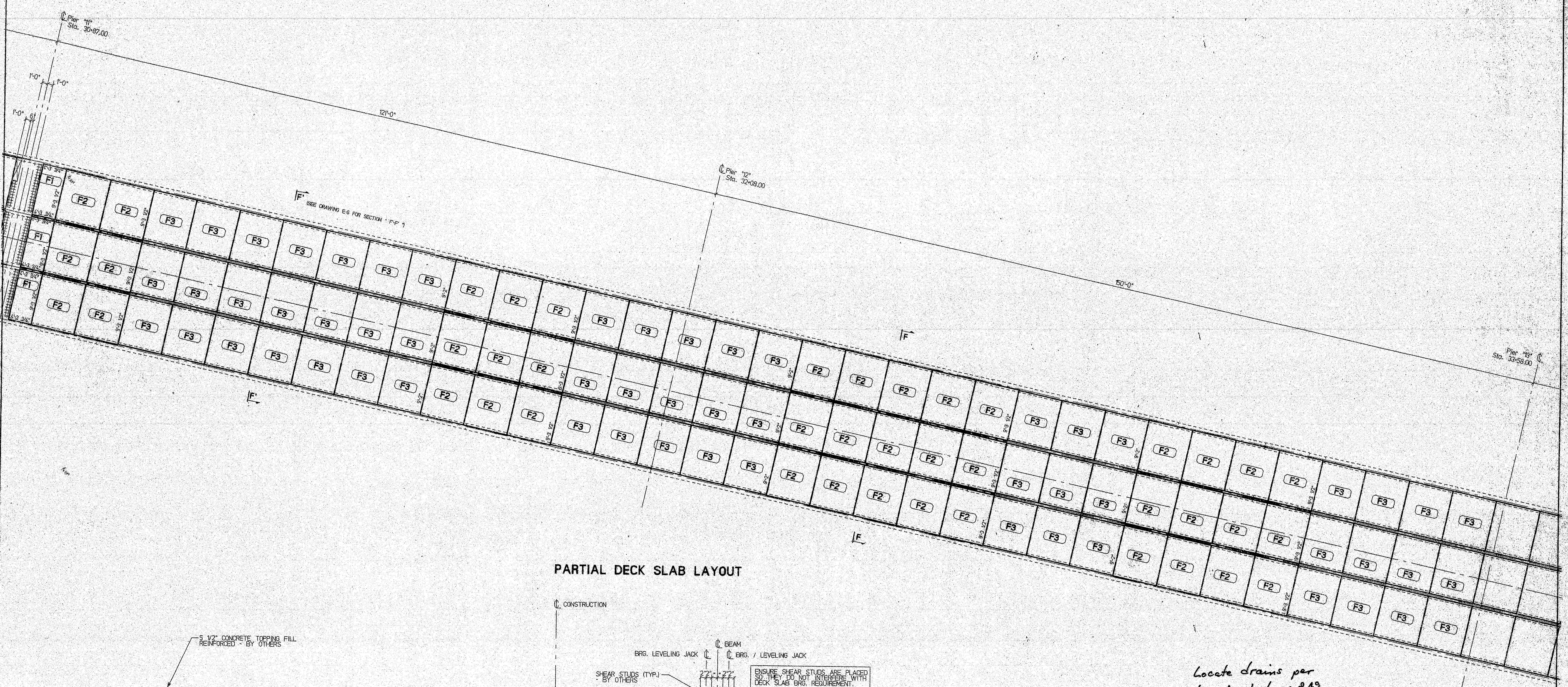
TITLE : TYPE "E" SLAB LAYOUT

DATA/ASSIGNS. FILE : /misc/joshua2.db

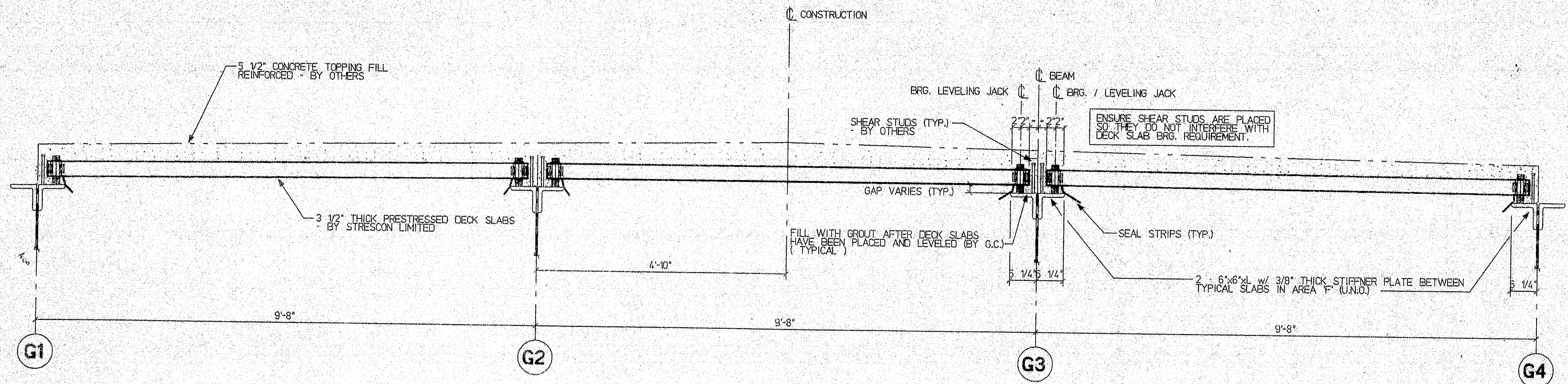
CONTRACT NUMBER : 5760

DRAWING NO. : E-4

REV :



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
See dwg. E-0
JUN 10 1997
☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS
NAME: DuBois 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 CONFIRMING 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 (U.N.O.)

120-333

ENGINEER'S STAMP :

NO :	REVISION :	DATE :	BY :	CHK'D :
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER :
REED & REED, INC.
WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER :
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 PART (1 OF 3)

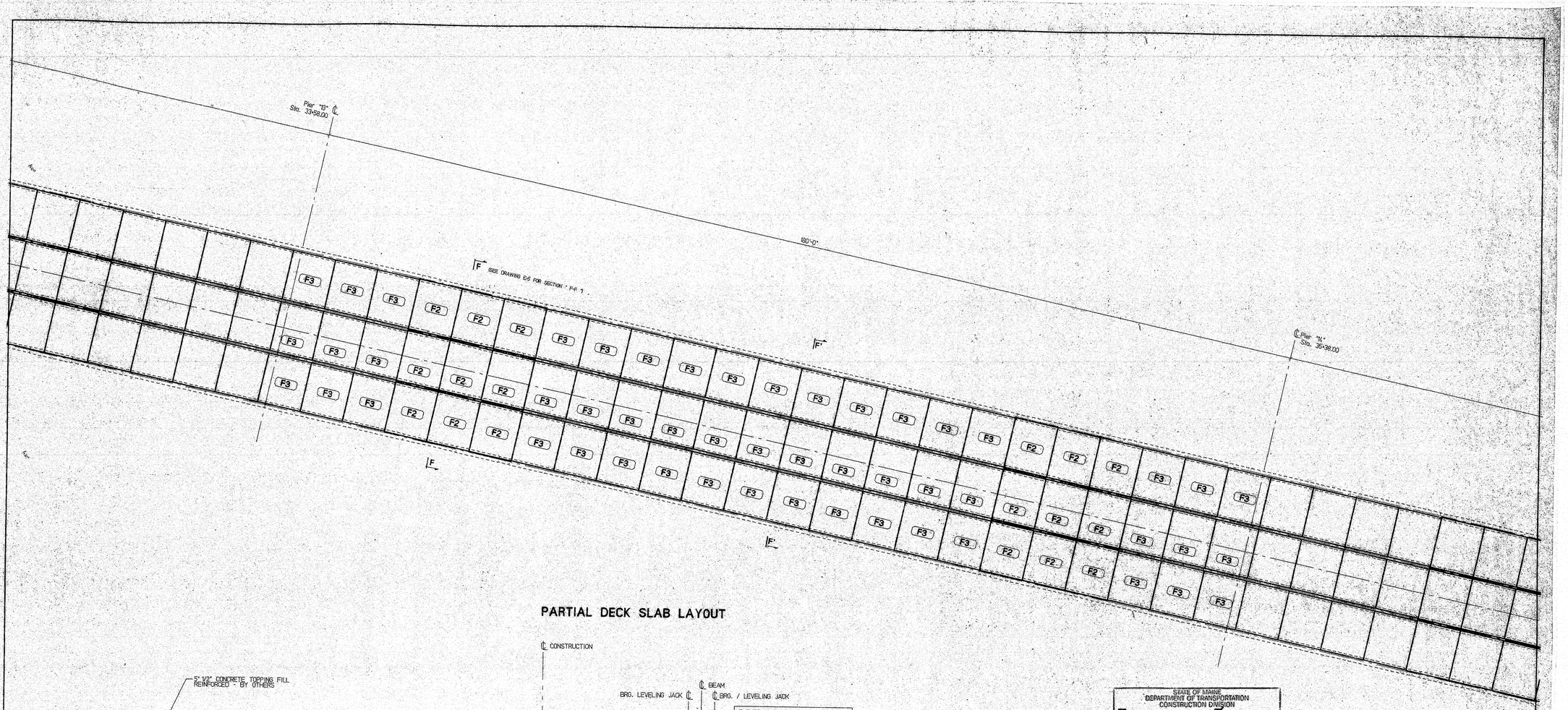
DATABASE/DWG. FILE : i:misc./joshua2.db

CONTRACT NUMBER: 5760

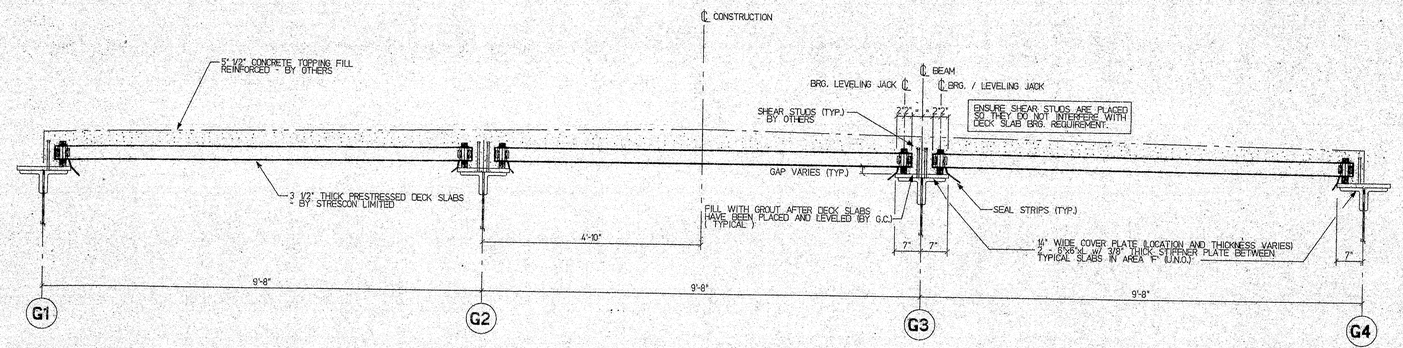
DRAWING NO.: E-5

REV: △

[redacted]



PARTIAL DECK SLAB LAYOUT



TYPICAL CROSS SECTION " F'-F' "

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION
☐ NO EXCEPTIONS TAKEN ☒ EXCEPTIONS NOTED See dwg. e-5
JUN 10 1997
☐ RETURNED FOR CORRECTIONS ☐ REJECTED
DOCUMENT REVIEWED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS
NAME 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 CONFIRMING 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. (U.N.O.)

120-334

ENGINEERS STAMP :

NO :	REVISION :	DATE :	BY :	CKD :
0	ISSUED FOR APPROVAL	05/23/97	GREG	

CUSTOMER : REED & REED, INC. WOOLWICH, MAINE

ARCHITECT OR CONS. ENGINEER : Dept. of Transportation, Maine

STRESCON LIMITED
SAINT JOHN, N.B. BEDFORD, N.S.

PROJECT : JOSHUA CHAMBERLAIN BRIDGE over PENOBSCOT RIVER

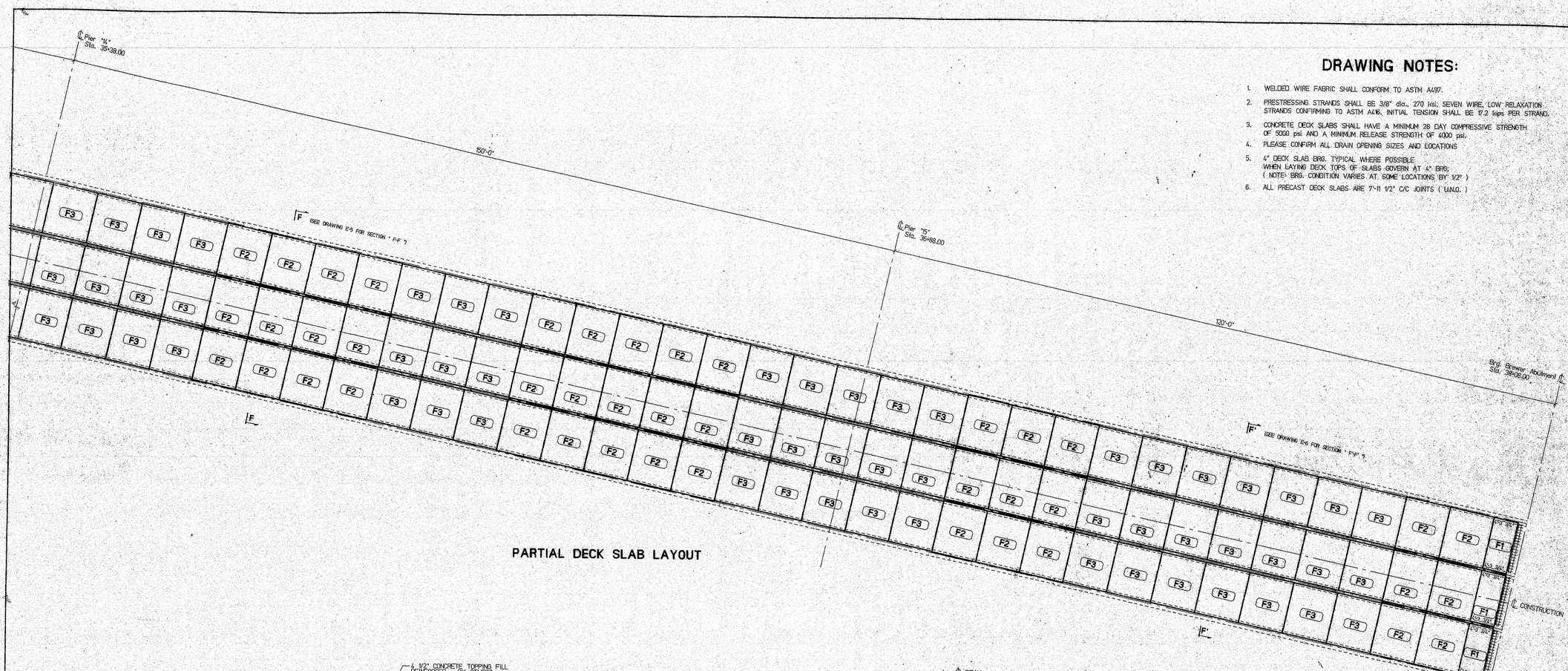
TITLE : TYPE "F" SLAB LAYOUT (2 OF 3) PART

DATABASE/DWG. FILE : /misc/joshua2.db

CONTRACT NUMBER : 5760

DRAWING NO. : E-6

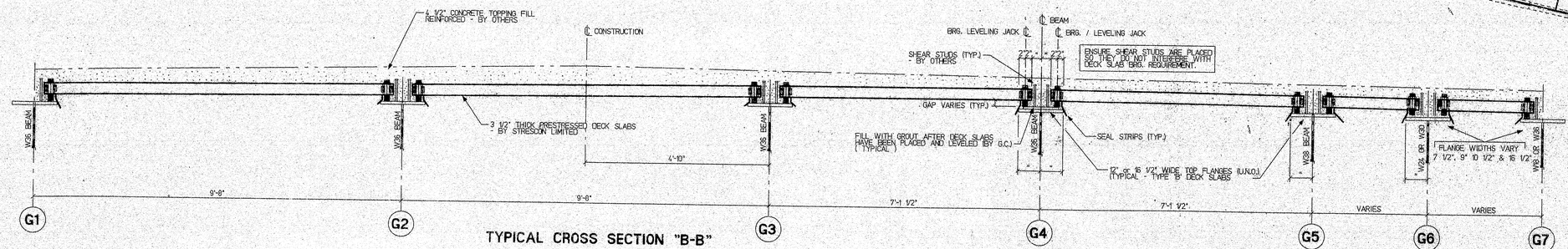
REV. :



PARTIAL DECK SLAB LAYOUT

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 CONFIRMING 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 (U.N.O.)



TYPICAL CROSS SECTION "B-B"

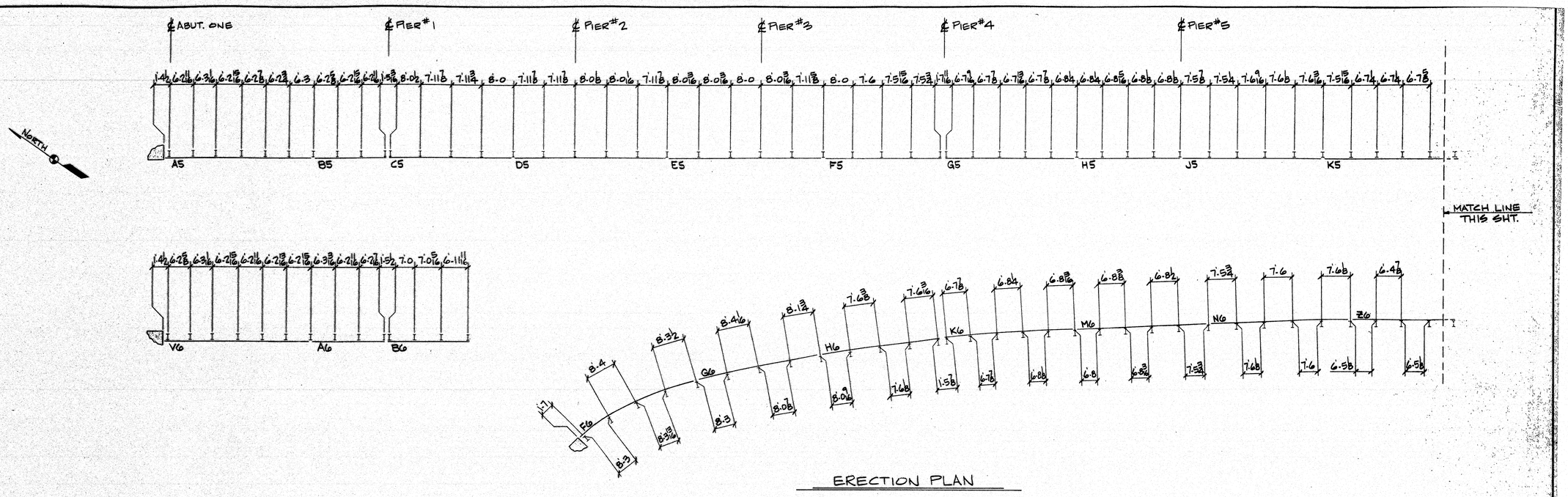
THIS SECTION DOES NOT PERTAIN TO THIS DRAWING
REFER BACK TO DRAWING No. E-1

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DIVISION
JUN 10 1977
☐ NO EXCEPTIONS TAKEN
☐ EXCEPTIONS NOTED
☐ RETURNED FOR CORRECTIONS
☐ REJECTED
CONSTRUCTED IN ACCORDANCE WITH SECTION 105 OF STANDARD SPECIFICATIONS.
DATE 6/8/77

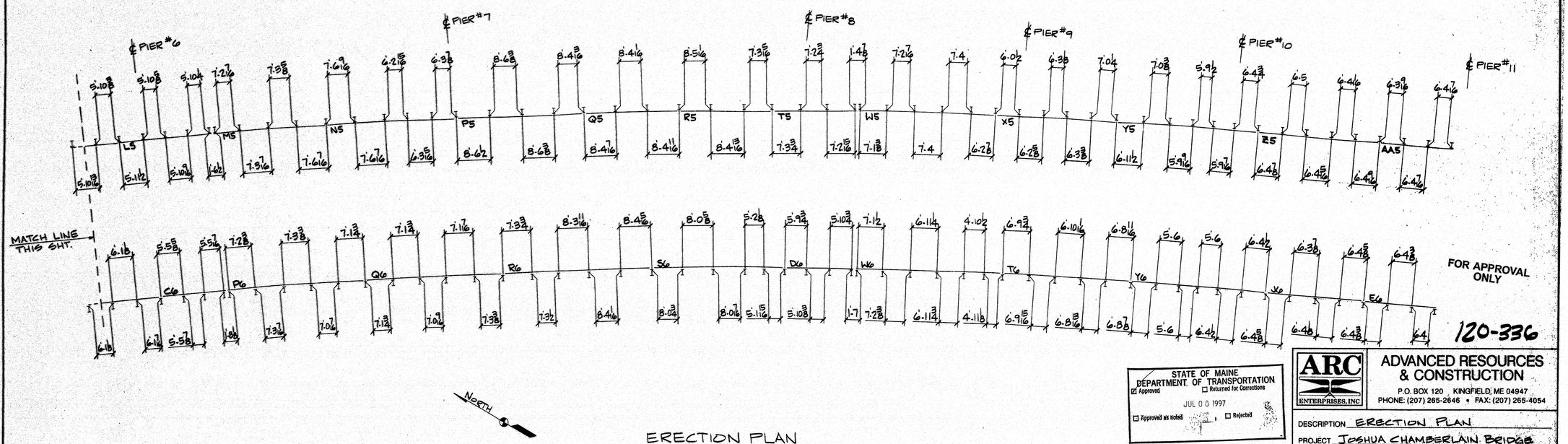
120-335

ENGINEER'S STAMP:					
NO.	REVISION	DATE	BY	CKD.	
0	ISSUED FOR APPROVAL	05/23/97	GREG		

CUSTOMER: REED & REED, INC. WOOLWICH, MAINE
ARCHITECT OR CONS. ENGINEER: 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 (3 OF 3) PART
DATA/DRAWING FILE: hmisc/joshua2.db
CONTRACT NUMBER: 5760
DRAWING NO.: E-7
REV.: 0



ERECTION PLAN



ERECTION PLAN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
☑ Approved ☐ Returned for Corrections
JUL 0 0 1997
☐ Approved as noted ☐ Rejected

FOR APPROVAL ONLY

120-336

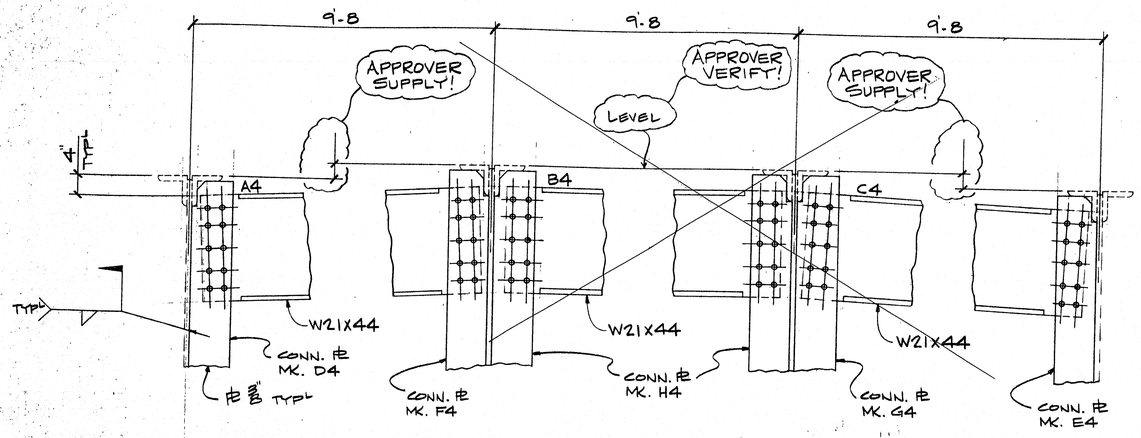
PROJ.#: BH-043-1(34)
ITEM#: 504.70

ARC ENTERPRISES, INC

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 S.NEWMAN	DATE 5/28/97	JOB NUMBER 97-49	DWG. NO. E1
CHK'D. BY	DATE		

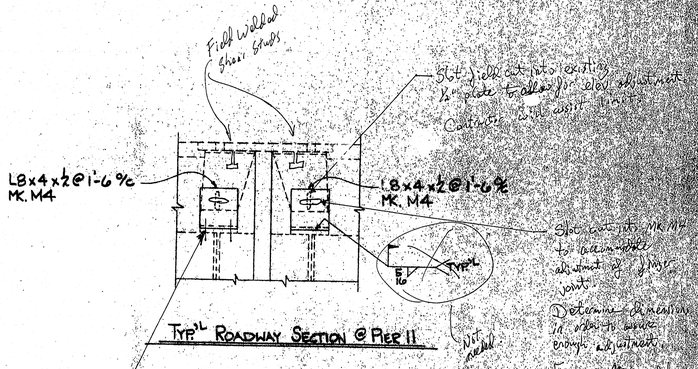


Unnecessary

NEW END DIAPHRAGMS (LOOKING UPSTATION)

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

Please See Dwg. No. 4.



Rather than Weld, use ASTM A325 Bolt Typ. Drill holes through MK M4's. Field Drill Plates if nec.

FOR APPROVAL ONLY

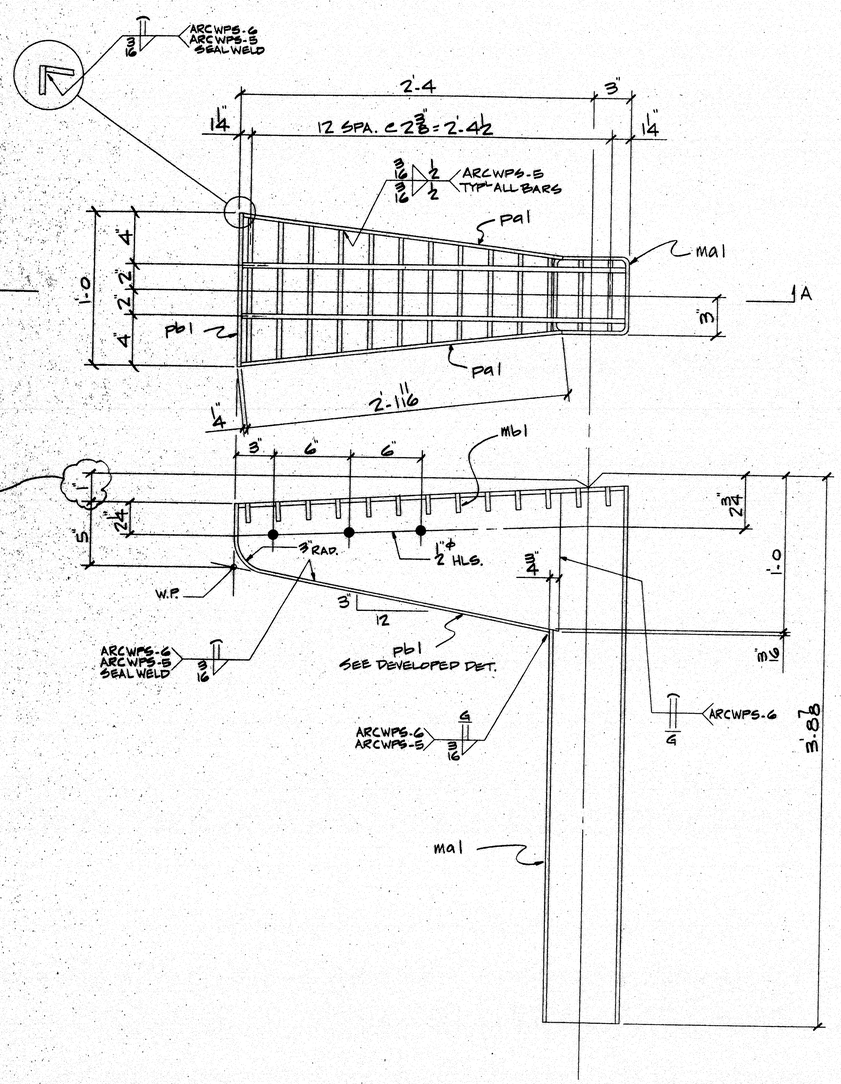
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
☐ Approved ☐ Returned for Corrections
JUL 08 1997
☑ Approved as noted ☐ Rejected

120-337

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

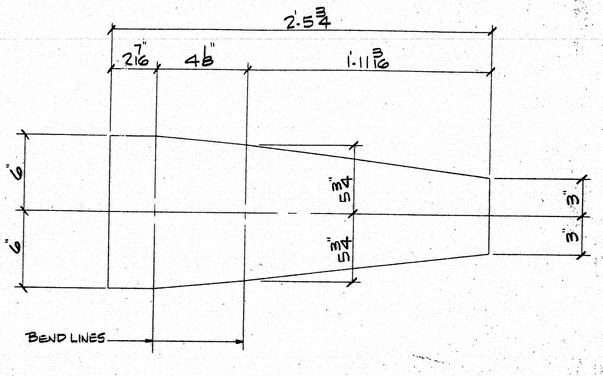
ARC ENTERPRISES, INC
ADVANCED RESOURCES & CONSTRUCTION
P.O. BOX 120 • KINGFIELD, ME 04947
PHONE: (207) 265-2848 • FAX: (207) 296-4054

DESCRIPTION: END DIAPHRAGM ELEVATION
PROJECT: JOSHUA CHAMBERLAIN BRIDGE
LOCATION: BANGOR/BREWER, ME.
DESIGNER: ME. D.O.T.
CUSTOMER: REED & REED
DRAWN BY: [illegible] DATE: 5/16/97
CHK'D. BY: _____ DATE: _____
JOB NUMBER: 97-43
DWG NO.: 82.1

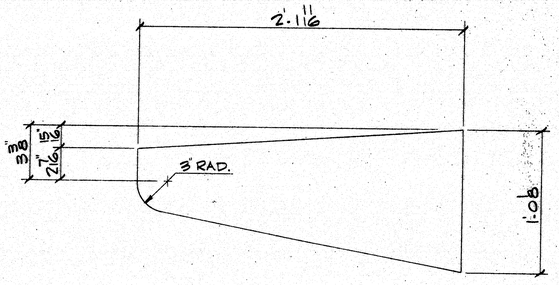


SECT. A-A

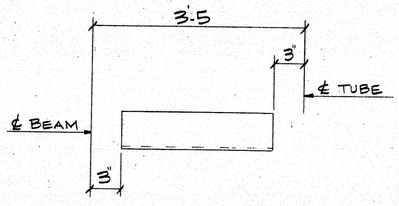
2 ~ BRIDGE DRAINS ~ MK. A1
(LOCATE @ ABUT. ONE)



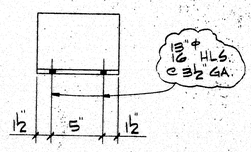
DEVELOPED DETAIL OF pb1



DETAIL OF pa1



2 ~ CONN. ANGLES ~ MK. B1



2 ~ CONN. TEES ~ MK. C1

Note: Prior to Shop Drawings to be provided for Bridge Drains.

NOTES:
1) REFER TO ME. D.O.T. STD. DWG. BD-521-93 & SPEC.'S FOR INSTALLATION INSTRUCTIONS.
2) REFER TO SHT. 8 OF 49 OF DESIGN DWG.'S FOR LOCATION OF DRAINS.

120-338

BILL OF MATERIALS

SHIPPING MARK	SHOP MARK	QTY.	DESCRIPTION
A1		2	GALV. DRAIN
	ma1	2	TS6x6x1/4 x 3'-9 A500 GR.B
	mb1	2	C5x9 12"x2.62 w/12"x1/8" B.B. w/3/8" c.b. 4" o/c
	pa1	4	PL 1/4" x 12" x 2'-1 1/16" SHP
	pb1	2	PL 1/4" x 12" x 2'-5 3/4" SHP BEND
B1		2	L3x3x5/16 x 2'-11
C1		2	WT6x13x0'-8

FIELD BOLTS (THIS SHT)
9 5/8" x 2 1/4" A325 GALV. W/ NUT & WASHER

FOR APPROVAL ONLY

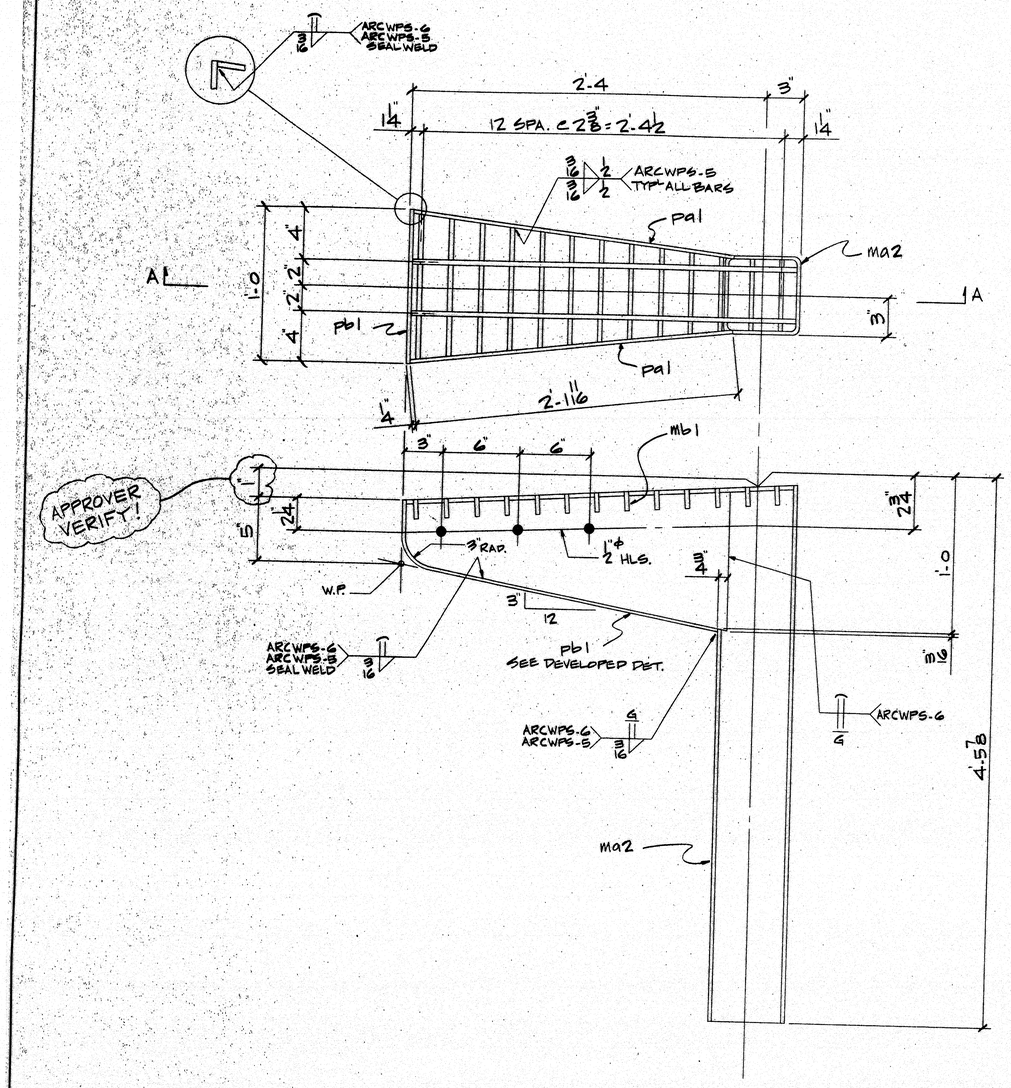
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
Approved
Approved as noted
Returned for Corrections
Rejected
JUL 06 1997

MAT'L: A36 DOM. HOLES: AS NOTED
WELD: PER WELD PROCEDURE
SURFACE PREP: SP6
FINISH: GALV. PER A.S.T.M. A123
PROJ. Nº: BH-043-1(34)
ITEM Nº: 502.19 & 504.70

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

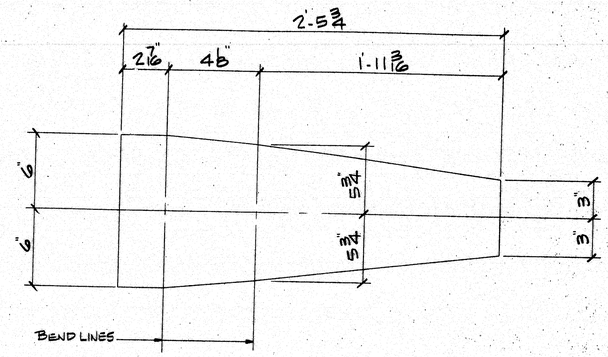
DESCRIPTION: BRIDGE DRAINS
PROJECT: JOSHUA CHAMBERLAIN BRIDGE
LOCATION: BANGOR / BREWER, ME.
DESIGNER: ME. D.O.T.
CUSTOMER: REED & REED

DRAWN BY: SNOWMAN	DATE: 2/28/97	JOB NUMBER: 97-49	DWG. NO. 1
CHK'D. BY	DATE		

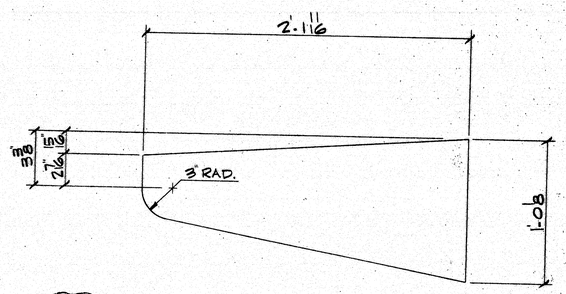


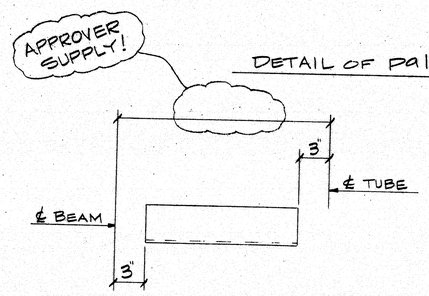
SECT. A-A

15~BRIDGE DRAINS~MK. A2
(LOCATE @ PIERS 1 THRU 10)



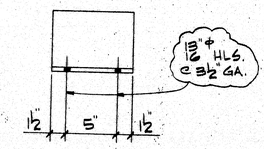
DEVELOPED DETAIL OF pb1





DETAIL OF pa1

15 ~ CONN. ANGLES ~ MK. B2



15 ~ CONN. TEES ~ MK. C2

Note: Piers 1 thru 11 Downspout Details to be provided for Bridge Deck.

NOTES:
1) REFER TO ME. D.O.T. STD. DWG. BD-521-93 & SPEC'S FOR INSTALLATION INSTRUCTIONS.
2) REFER TO SHT. 8 OF 49 OF DESIGN DWG.'S FOR LOCATION OF DRAINS.

120-337

BILL OF MATERIALS

SHIPPING MARK	SHOP MARK	QTY.	DESCRIPTION
A2		15	GALV. DRAIN
	ma2	15	TS6x6x4x4.6
	mb1	15	[illegible]
	pa1	30	PL 4 x 12 x 2-1 1/16
	pb1	15	PL 4" x 12" x 2-5 3/4
B2		15	L3x3x5/16x
C2		15	WT6x13x0-8

FIELD BOLTS (THIS SHT.)
62 5/8" x 2 1/4" A325 GALV. W/ NEW

FOR APPROVAL ONLY

4-24" 5/8" ϕ A325

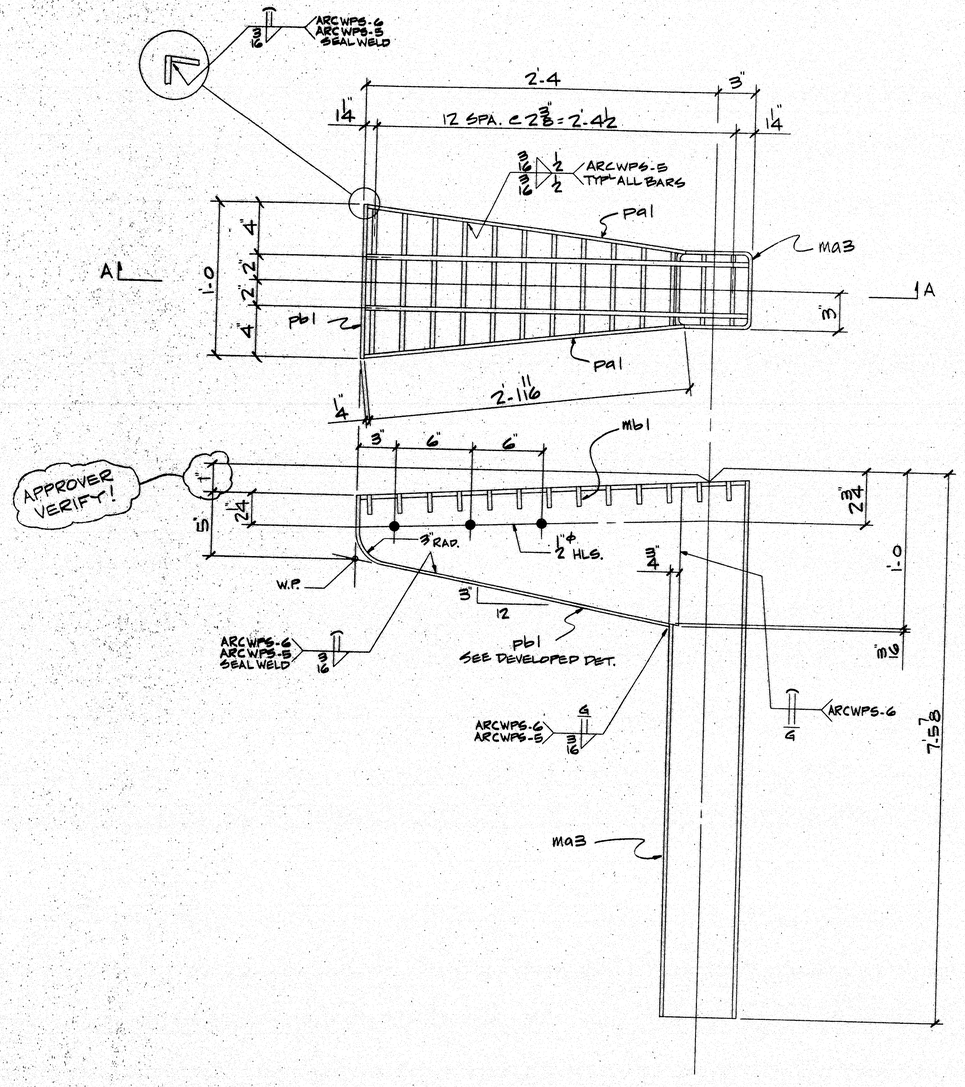
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
☐ Approved ☐ Returned for Corrections
JUL 08 1997
☑ Approved as noted ☐ Rejected

MAT'L: A36 DOM. HOLES: AS NOTED
WELD: PER WELD PROCEDURE
SURFACE PREP.: SP6
FINISH: GALV. PER A.S.T.M. A123
PROJ. Nº: BH-043-1(34)
ITEM Nº: 502.19 & 504.70

ARC ENTERPRISES, INC
ADVANCED RESOURCES & CONSTRUCTION
P.O. BOX 120 KINGFIELD, ME 04947
PHONE: (207) 265-2648 • FAX: (207) 265-4054

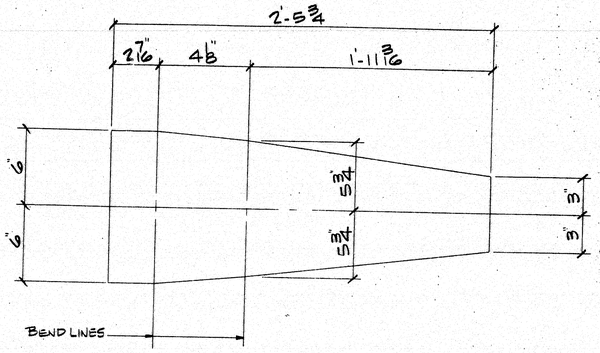
DESCRIPTION BRIDGE DRAINS
PROJECT JOSHUA CHAMBERLAIN BRIDGE
LOCATION BANGOR/BREWER, ME.
DESIGNER ME. D.O.T.
CUSTOMER REED & REED

DRAWN BY SNOWMAN	DATE 5/28/97	JOB NUMBER 97-49	DWG. NO. 2
CHK'D. BY	DATE		

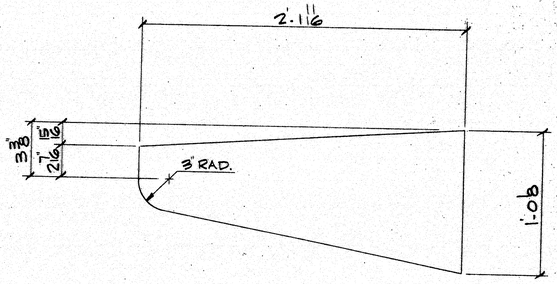


SECT. A-A

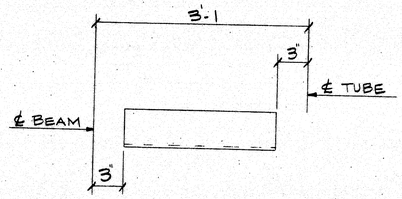
16~BRIDGE DRAINS~MK. A3
(LOCATE ℄ PIER 11 THRU BREWER ABUT.)



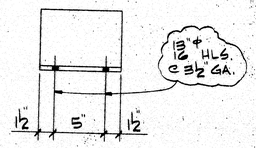
DEVELOPED DETAIL OF pb1



DETAIL OF pa1



16~CONN. ANGLES~MK. B3



16~CONN. TEES~MK. C3

4-1 3/4"
5/8" ø A325

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
☑ Approved ☐ Returned for Corrections
JUL 0 8 1997
☐ Approved as noted ☐ Rejected

NOTES:
1) REFER TO ME. D.O.T. STD. DWG. BD-521-93 & SPEC'S FOR INSTALLATION INSTRUCTIONS.
2) REFER TO SHT. 8 OF 49 OF DESIGN DWG.'S FOR LOCATION OF DRAINS.

120-340

BILL OF MATERIALS

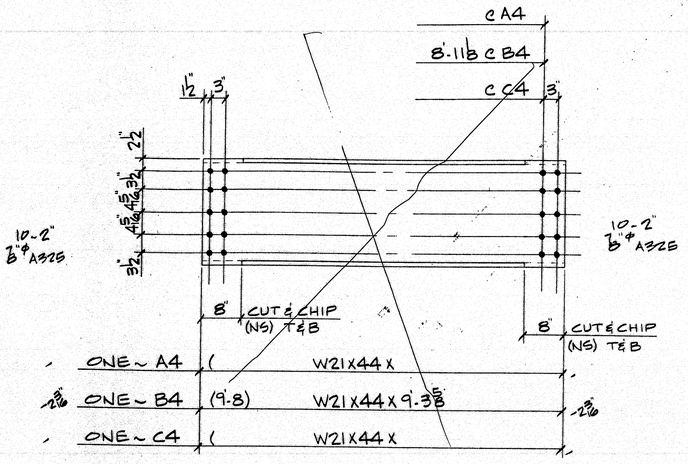
SHIPPING MARK	SHOP MARK	QTY.	DESCRIPTION	
A3		16	GALV. DRAIN	
	ma3	16	T5 6 x 6 x 1/4 x 7-6	A500 GR B
	mb1	16	CHAN 12 x 2-1/2 W/12 x 5/16 B.B.	
	pa1	32	PL 4 x 12 5/8 x 2-11 6	SHP
	pb1	16	PL 4 x 12 x 2-5 3/4	SHP BEND
B3		16	L3 x 3 x 5/16 x 2-7	
C3		16	WT6 x 13 x 0'-8	
			FIELD BOLTS (THIS SHT.)	
		66	5/8" ø x 1 3/4" A325 GALV.	W/NEW

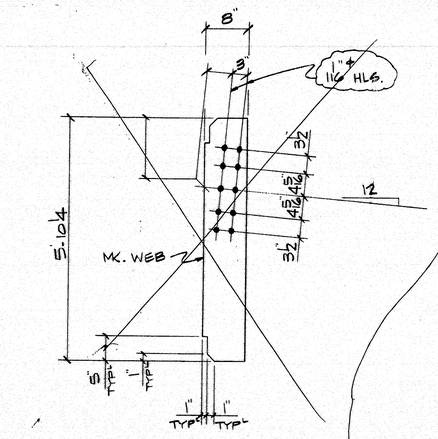
FOR APPROVAL ONLY

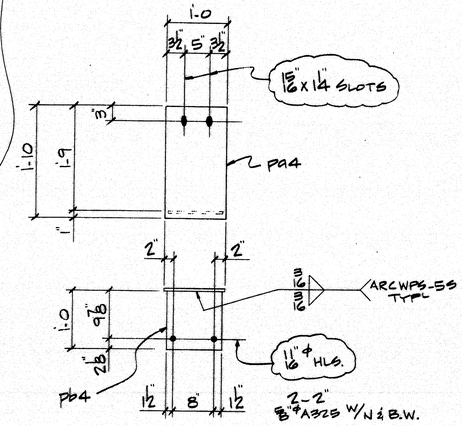
MAT'L: A36 DOM. HOLES: AS NOTED
WELD: PER WELD PROCEDURE
SURFACE PREP.: SP6
FINISH: GALV. PER A.S.T.M. A123
PROJ. No.: BH-043.1(34)
ITEM No.: 502.19 & 504.70

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

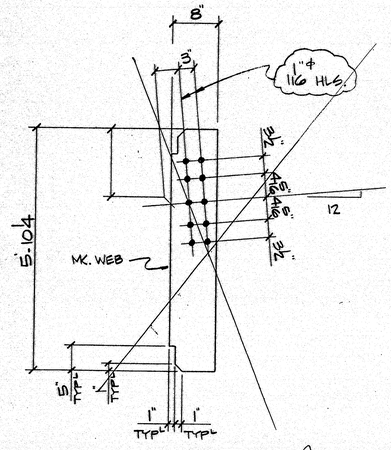
DESCRIPTION BRIDGE DRAINS
PROJECT JOSHUA CHAMBERLAIN BRIDGE
LOCATION BANGOR/BREWER, ME.
DESIGNER ME. D.O.T.
CUSTOMER REED & REED
DRAWN BY SNOWMAN DATE 5/28/97 | JOB NUMBER 97.49 | DWG. NO. 3
CHK'D. BY ____ DATE ____

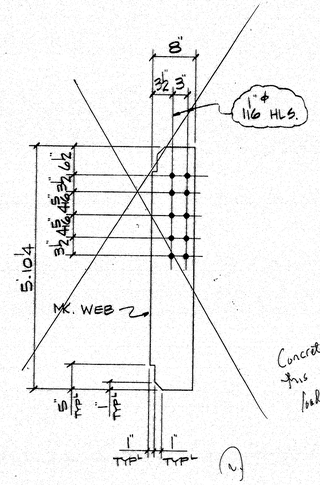






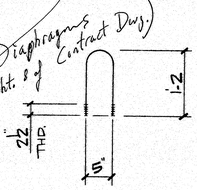
6 ~ LIGHT SUPPORTS ~ MK. J4





Eliminate Requirement of Diaphragm's altogether. (Note 4 of Sht. 8 of Contract Dwg.)

Concrete will be thickened in this area in order to accommodate bolt. (Design Change.)



6 ~ GALV. U-BOLTS ~ MK. K4

APPROVER PLEASE VERIFY QUANTITY AND FINISH!

BILL OF MATERIALS

SHIPPING MARK	SHOP MARK	QTY.	DESCRIPTION
A4		1	W21X44 X CUT & CHIP
B4		1	W21X44 X 9'-3⅜ CUT & CHIP
C4		1	W21X44 X CUT & CHIP
D4		1	℄ ⅜ X 8" X 5'-10¼ CUT & CLIP
E4		1	X 5'-10¼
F4		1	X 5'-10¼
G4		1	X 5'-10¼
H4		2	℄ ⅜ X 8" X 5'-10¼ CUT & CLIP
J4		6	LIGHT SUPPORTS
	PB4	6	℄ ¼" X 12" X 1'-10 Galv. ASTM A 123
	PB4	6	℄ ¼" X 12" X 0'-11
K4		6	¾"ϕ GALV. U-BOLT W/N & W ASTM A307 Grade C or better. See Note 10 on sht 2 of Design Dwg.
			PLAIN MATERIAL (NO PAINT)
M4		40	L8X4X½ X 0'-7½
			FIELD BOLTS (THIS SHT.)
		62	⅞"ϕ X 2" A325 W/N & W
		14	⅞"ϕ X 2" A325 TYP. W/N & B.W.

Galvanize ASTM A 123. Also see E2.

?

All Galv. ASTM A 153

FOR APPROVAL ONLY

MAT'L: A36 DOMESTIC HOLES: 15/16"ϕ U.N.O.
WELD: PER WELD PROCEDURE
SURFACE PREP.: SP6
FINISH: J4, M4 Galv. ASTM A123.

APPROVER PLEASE SUPPLY!

120-341

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

Proj.*: BH-043-1(34)
ITEM*: 504.70 & 520.24

ARC ENTERPRISES, INC

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

DESCRIPTION DIAPHRAGMS & BRACKETS
PROJECT JOSHUA CHAMBERLAIN BRIDGE
LOCATION BANGOR/BREWER, ME.
DESIGNER ME. D.O.T.
CUSTOMER REED & REED

DRAWN BY	DATE	JOB NUMBER	DWG. NO.
S. NOWMAN	5/29/97	97-49	4
CHK'D. BY	DATE		