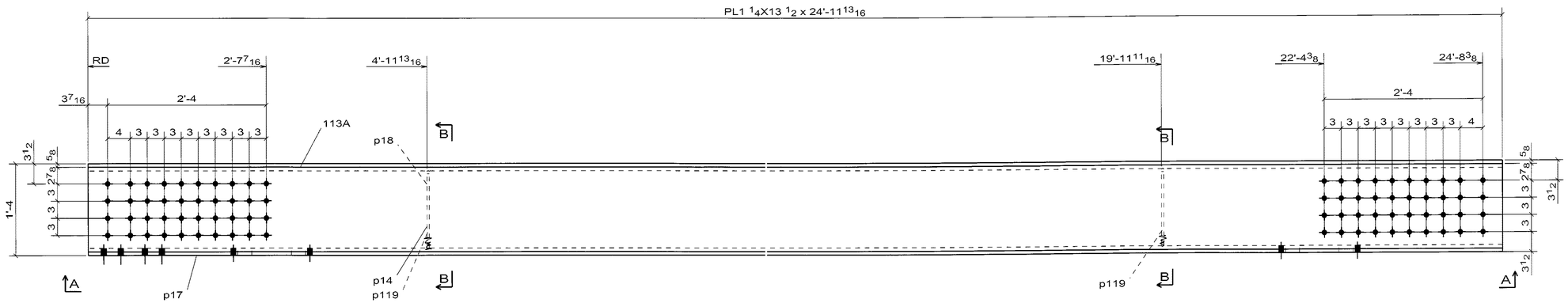
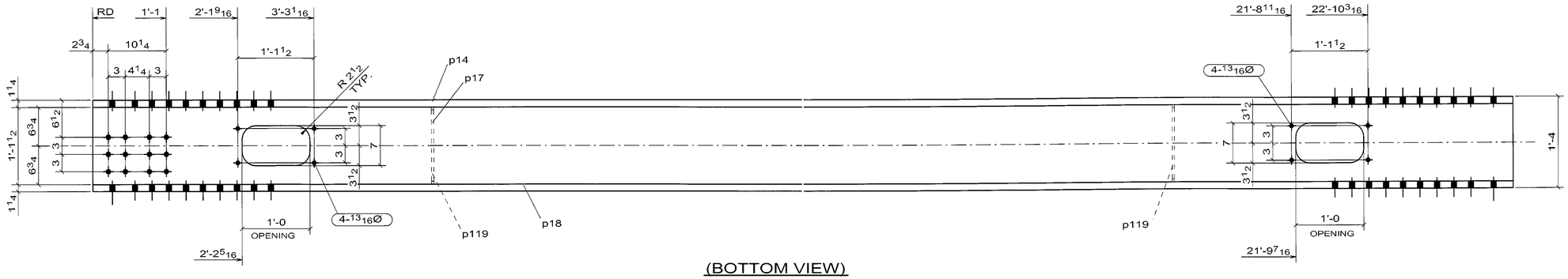
No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
1	113A			BOX_BM		6001		
		1	113A	PL1 1/4X13 1/2	24'-11 13/16"	1438	AASHTO M 270 GR. 50	FCM/V
		1	p14	PL1 1/4X14 3/4	24'-11 13/16"	1571	AASHTO M 270 GR. 50	FCM/V
		1	p17	PL1 1/4X13 1/2	24'-11 13/16"	1382	AASHTO M 270 GR. 50	FCM/V
		1	p18	PL1 1/4X14 3/4	24'-11 13/16"	1571	AASHTO M 270 GR. 50	FCM/V
		2	p119	PL3/8X13 1/2	1'-1 1/2"	19	AASHTO M 270 GR. 50	

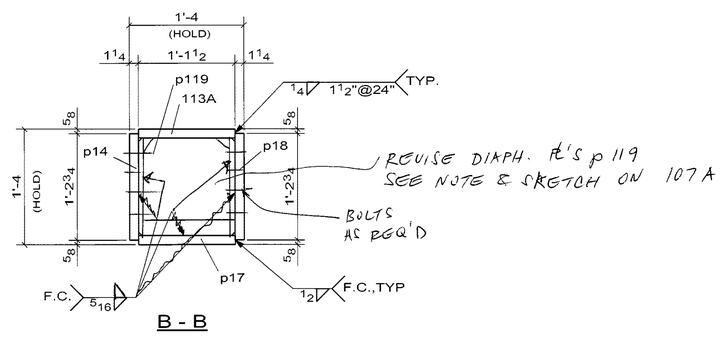


SIDE VIEW



(BOTTOM VIEW)

A - A



B - B

1 - BOX_BM -113A

ADD CAMBER RE S33
OR SHOW THAT IT HAS BEEN
TAKEN INTO ACCOUNT

☐ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☒ NON-CONFORMING–REVISE & RESUBMIT

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By AF Date 10/13/06

LIN & ASSOCIATES, INC.

CONTRACTOR NOTE:
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PRINT RECORD			OPEN HOLES 15/16 Ø U/N
NO.	USE	DATE	WELD BRIDGE WELDING CODE: D1.5
	APPR.		STEEL AS NOTED
	APPR.		BOLTS
	PURCH		SURFACE PREP-SP
	FAB		PAINT SEE SPECS
	FAB. OFFICE		REF DRAWING E3
	Q.A.		
	DIST.		
	ERECT.		

REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	VS

RAINIER WELDING

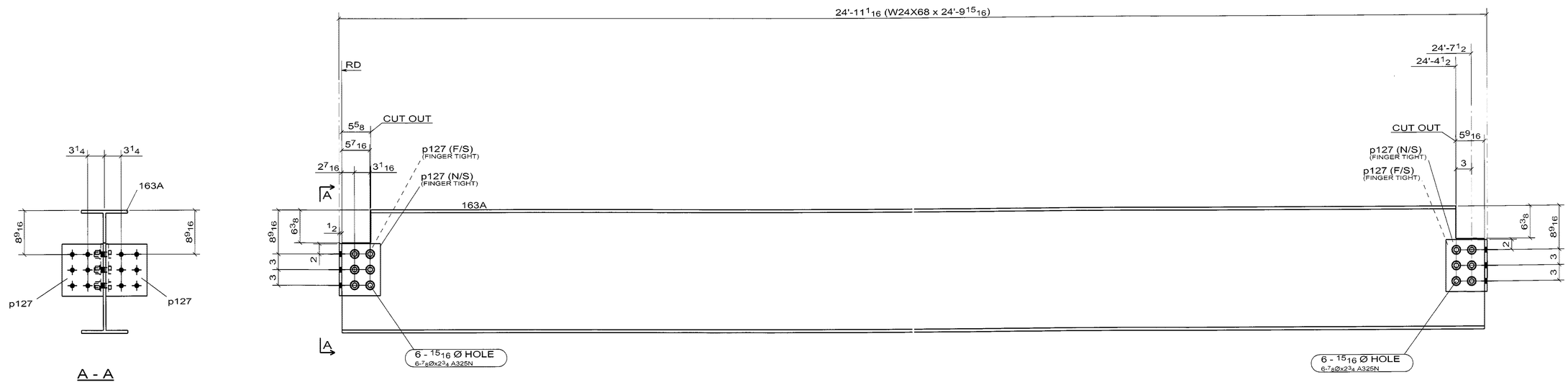
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES
FOR: SNOHOMISH COUNTY OFFICIAL
DRAWN: DJ DATE: 07/31/2006 CHK: DSC DATE: 09/10/2006 DWG NUMBER: 2707 - 113A 0

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

PRO DRAFT INC. PD# 676 PH:(604)589-5425
DRAWINGS PREPARED ON 3D-Xsecl File Name :- A [113.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:12:54

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT	GRADE	REMARKS
8	163A			STRINGER		1786		
		8	163A	W24X68	24'-9 15/16"	1698	AASHTO M 270 GR. 50	
		32	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		96		$^{7}/_{8}$"Ø A325 BOLT	0'-2$^{3}/_{4}$"			



SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

8 - STRINGER - 163A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

☒ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT
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By A.F. Date 10/13/06
I.IN & ASSOCIATES, INC.

CONTRACTOR NOTE:
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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES: 15/16 Ø U/N
WELD: BRIDGE WELDING CODE: D1.5
STEEL: AS NOTED
BOLTS:
SURFACE PREP-SP:
PAINT: SEE SPECS
REF DRAWING: E2, E3

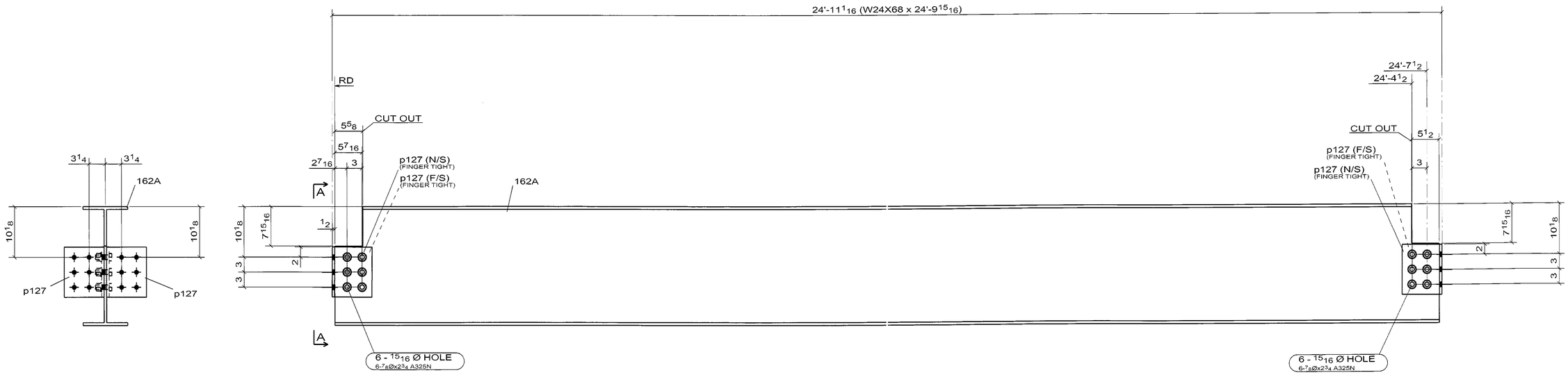
REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

RAINIER WELDING
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES:
FOR: SNOHOMISH COUNTY OFFICIAL
DRAWN: DJ DATE: 07/31/2006 CHK: DSC DATE: 09/10/2006 DWG NUMBER: 2707 - 163A 0

PRO DRAFT INC. PO# 676 PH:(504)589-5425
DRAWINGS PREPARED ON 3D-Xsteel File Name : A [163.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:54

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT	GRADE	REMARKS
4	162A			STRINGER		1786		
		4	162A	W24X68	24'-9 15/16"	1698	AASHTO M 270 GR. 50	
		16	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		48	b1	7/8"Ø A325 BOLT	0'-2 3/4"			



A - A

SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

4 - STRINGER -162A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

☒ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT
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By A.F. Date 10/13/06
I.IN & ASSOCIATES, INC.

CONTRACTOR NOTE:
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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES: 15/16 Ø U/N
WELD: BRIDGE WELDING CODE: D1.5
STEEL: AS NOTED
BOLTS:
SURFACE PREP-SP:
PAINT: SEE SPECS
REF DRAWING: E2, E3

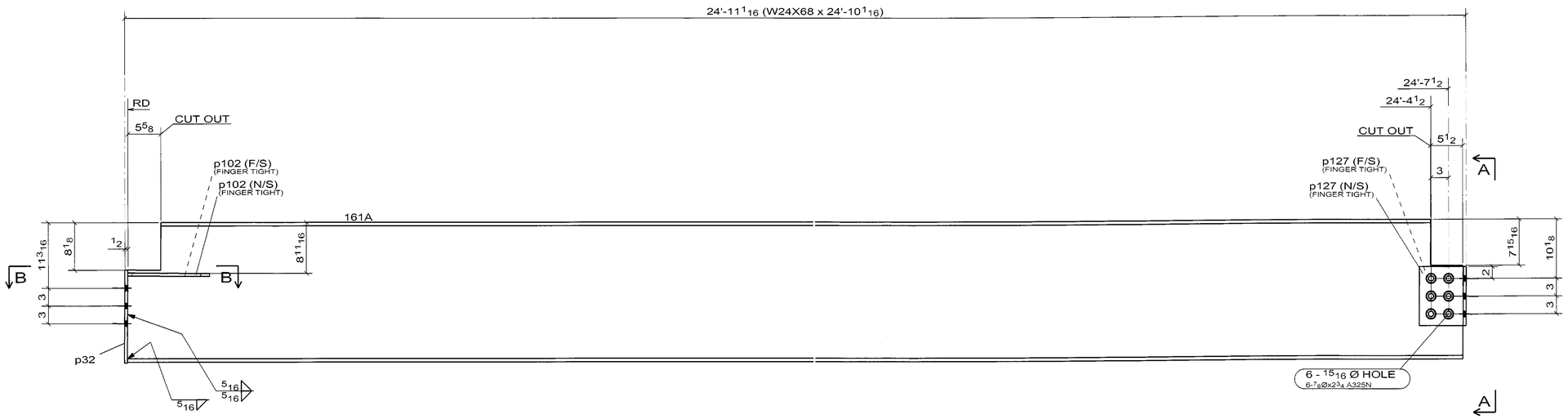
REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

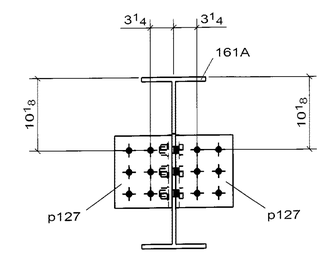
RAINIER WELDING
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES:
FOR: SNOHOMISH COUNTY OFFICIAL
DRAWN: DJ DATE: 07/31/2006
CHK: DSC DATE: 09/10/2006
DWG NUMBER: 2707 - 162A 0

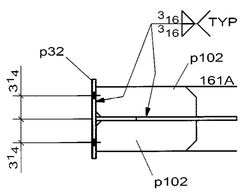
PRO DRAFT INC. PO# 676 PH:(904)589-6425
DRAWINGS PREPARED ON: 3D-Xsteel File Name :- A [162-A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:52

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT	GRADE	REMARKS
2	161A			STRINGER		1784		
		2	161A	W24X68	24'-10 1/16"	1699	AASHTO M 270 GR. 50	
		2	p32	FB1/2X11	1'-3 3/4"	25	AASHTO M 270 GR. 50	
		4	p102	PL1/2X4 1/4	1'-2"	8	AASHTO M 270 GR. 50	
		4	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		12	b1	7/8"Ø A325 BOLT	0'-2 3/4"			





A - A



B - B

SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

2 - STRINGER -161A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

☒ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT

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By A.F. Date 10/13/06

I.IN & ASSOCIATES, INC.

CONTRACTOR NOTE:
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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES: 15/16 Ø U/N
WELD: BRIDGE WELDING CODE: D1.5
STEEL: AS NOTED
BOLTS:
SURFACE PREP-SP:
PAINT: SEE SPECS
REF DRAWING: E2, E3

REV	DATE	DESCRIPTION	
0	SEP/10/06	FOR APPROVAL	VS

RAINIER WELDING

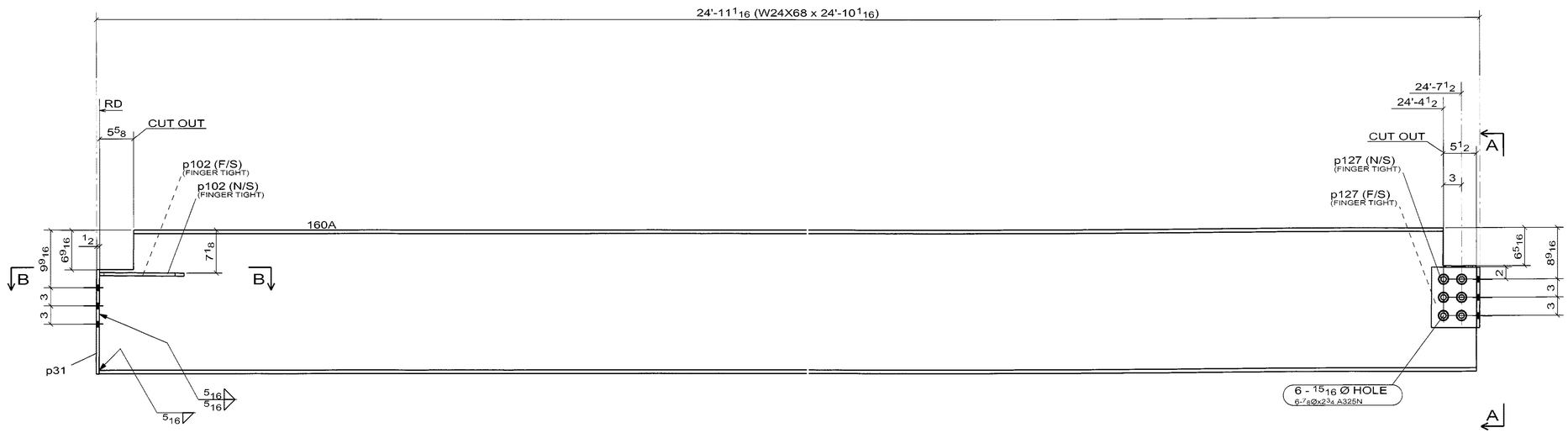
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

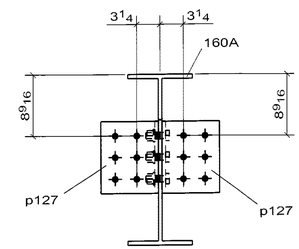
PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES:
FOR: SNOHOMISH COUNTY OFFICIAL

DRAWN	CHK	DWG NUMBER
DJ	DSC	2707 - 161A
DATE 07/31/2006	DATE 09/10/2006	0

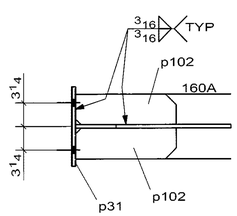
PRO DRAFT INC. PD# 676 PH (604)589-5425
DRAWINGS PREPARED ON 3D-Xsteel File Name :- A [161.A]
Model Name: T25_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:51

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT	GRADE	REMARKS
4	160A			STRINGER		1787		
		4	160A	W24X68	24'-10 1/16"	1699	AASHTO M 270 GR. 50	
		4	p31	FB1/2X11	1'-5 3/16"	27	AASHTO M 270 GR. 50	
		8	p102	PL1/2X4 1/4	1'-2"	8	AASHTO M 270 GR. 50	
		8	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		24	b1	7/8"Ø A325 BOLT	0'-2 3/4"			





A - A



B - B

SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

4 - STRINGER -160A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

☒ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT

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By A.F. Date 10/13/06

LIN & ASSOCIATES, INC.

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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES 15/16 Ø U/N
WELD BRIDGE WELDING CODE: D1.5
STEEL AS NOTED
BOLTS
SURFACE PREP-SP
PAINT SEE SPECS
REF DRAWING E2, E3

REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

RAINIER WELDING

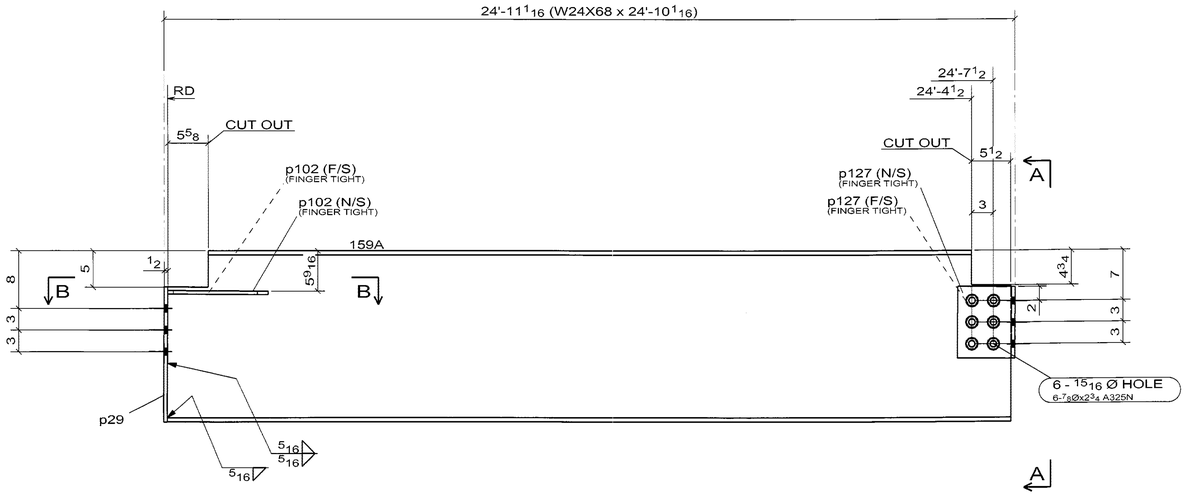
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

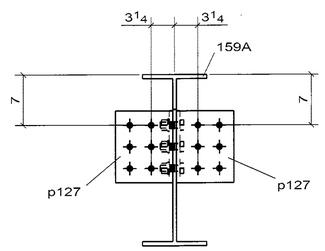
PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES:
FOR: SNOHOMISH COUNTY OFFICIAL

DRAWN	CHK	DWG NUMBER
DJ	DSC	2707 - 160A
DATE 07/31/2006	DATE 09/10/2006	0

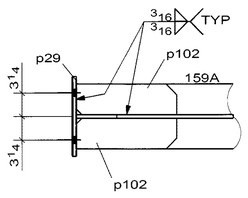
PRO DRAFT INC. PD# 676 PH:(604)589-6425
DRAWINGS PREPARED ON 3D-Xsteel File Name :- A [160.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:49

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
4	159A			STRINGER		1789		
		4	159A	W24X68	24'-10 1/16"	1699	AASHTO M 270 GR. 50	
		4	p29	FB1/2X11	1'-6 3/4"	29	AASHTO M 270 GR. 50	
		8	p102	PL1/2X4 1/4	1'-2"	8	AASHTO M 270 GR. 50	
		8	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		24	b1	7/8"Ø A325 BOLT	0'-2 3/4"			





A - A



B - B

SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

4 - STRINGER - 159A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
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☐ NON-CONFORMING–REVISE & RESUBMIT
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By A. F. Date 10/13/06
LIN & ASSOCIATES, INC.

CONTRACTOR NOTE:
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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES: 15/16 Ø U/N
FIELD: BRIDGE WELDING CODE: D1.5
STEEL: AS NOTED
BOLTS:
SURFACE PREP-SP:
PAINT: SEE SPECS
REF DRAWING: E2, E3

REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

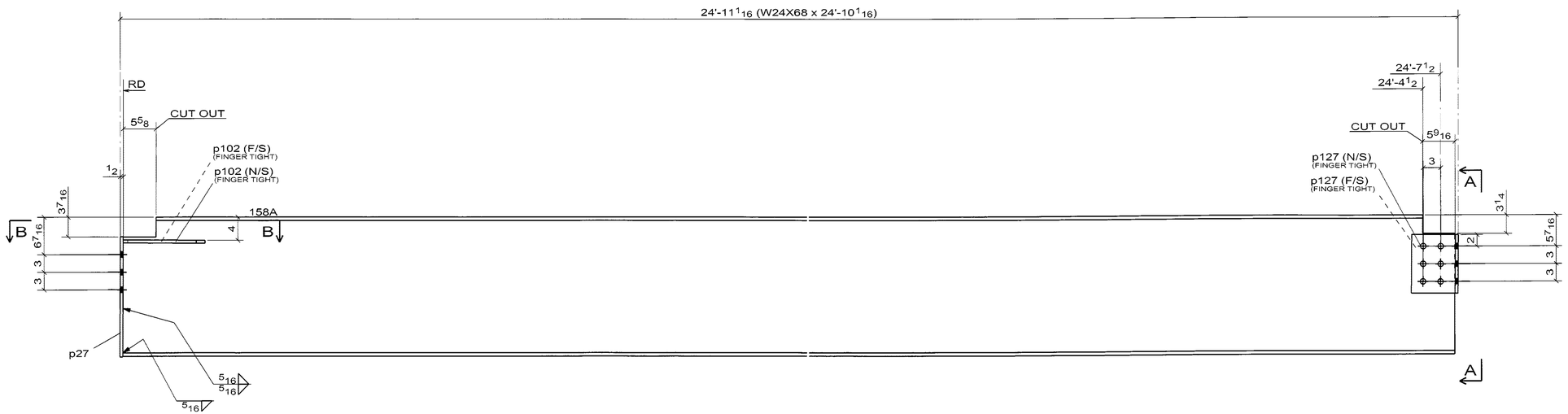
RAINIER WELDING

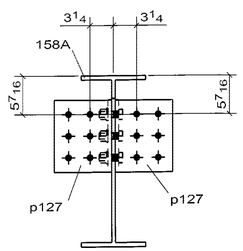
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES:
FOR: SNOHOMISH COUNTY OFFICIAL
DRAWN: DJ DATE: 07/31/2006
CHK: DSC DATE: 09/10/2006
DWG NUMBER: 2707 - 159A
0

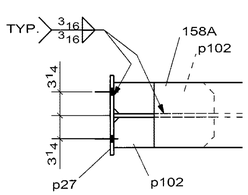
PRO DRAFT INC PO# 676 PH:(604)589-6425
DRAWINGS PREPARED ON 3D-Xsteel File Name :- A [159.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:48

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
4	158A			STRINGER		1792		
		4	158A	W24X68	24'-10 1/16"	1699	AASHTO M 270 GR. 50	
		4	p27	FB1/2X11	1'-8 3/8"	32	AASHTO M 270 GR. 50	
		8	p102	PL1/2X4 1/4	1'-2"	8	AASHTO M 270 GR. 50	
		8	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		24	b1	7/8"Ø A325 BOLT	0'-2 3/4"			





A - A



B - B

SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

4 - STRINGER - 158A

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☐ NON-CONFORMING–REVISE & RESUBMIT

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By A.F. Date 12/13/06

I.IN & ASSOCIATES, INC.

CONTRACTOR NOTE:
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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES 15/16 Ø U/N
WELD BRIDGE WELDING CODE: D1.5
STEEL AS NOTED
BOLTS
SURFACE PREP-SP
PAINT SEE SPECS
REF DRAWING E2, E3

REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

RAINIER WELDING

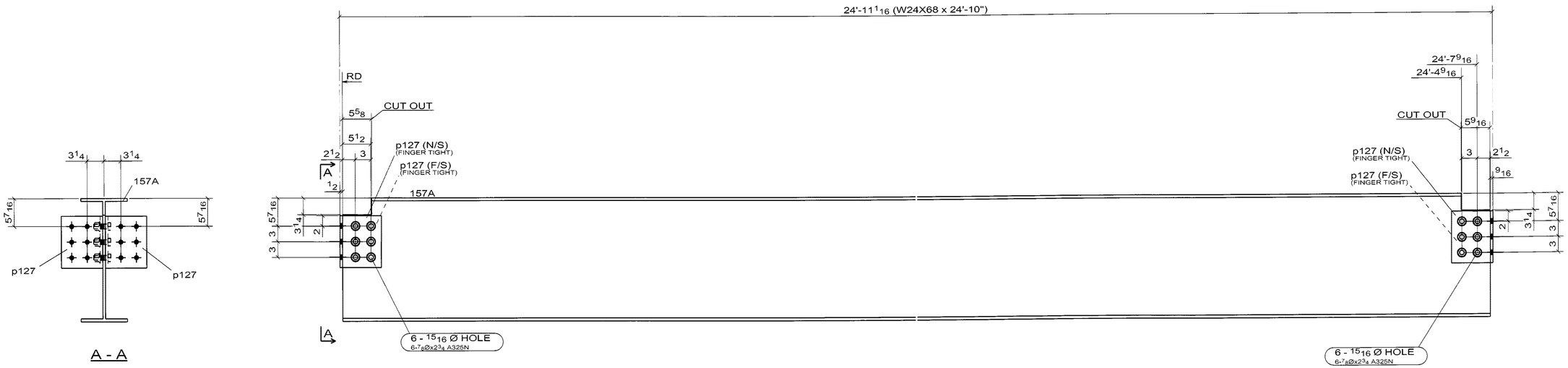
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES
FOR: SNOHOMISH COUNTY OFFICIAL

DRAWN	CHK	DWG NUMBER
DJ	DSC	2707 - 158A
DATE 07/31/2005	DATE 09/10/2006	

PRO DRAFT INC PD# 676 PH:(604)589-5425
DRAWINGS PREPARED ON 3D-Xsteel File Name :- A [158.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:46

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
8	157A			STRINGER		1786		
		8	157A	W24X68	24'-10"	1699	AASHTO M 270 GR. 50	
		32	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		96	b1	$^{7}/_{8}$"Ø A325 BOLT	0'-2$^{3}/_{4}$"			



☒ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT

THIS SHOP DRAWING HAS BEEN REVIEWED FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY AND DOES NOT RELIEVE THE FABRICATOR/VENDOR OF RESPONSIBILITY FOR CONFORMANCE WITH DESIGN DRAWINGS AND SPECIFICATIONS ALL OF WHICH HAVE PRIORITY OVER THIS SHOP DRAWING.

By A.F. Date 10/13/06

LIN & ASSOCIATES, INC.

SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

8 - STRINGER -157A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

CONTRACTOR NOTE:
THIS DRAWING IS BEING SUBMITTED FOR APPROVAL AS REQUIRED. VERIFY OR SUPPLY ALL QUANTITIES, ALL DIMENSIONS, ALL INFORMATION, & ALL CONFIGURATIONS.

PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES 15/16 Ø U/N
WELD BRIDGE WELDING CODE: D1.5
STEEL AS NOTED
BOLTS
SURFACE PREP-SP
PAINT SEE SPECS
REF.DRAWING E2, E3

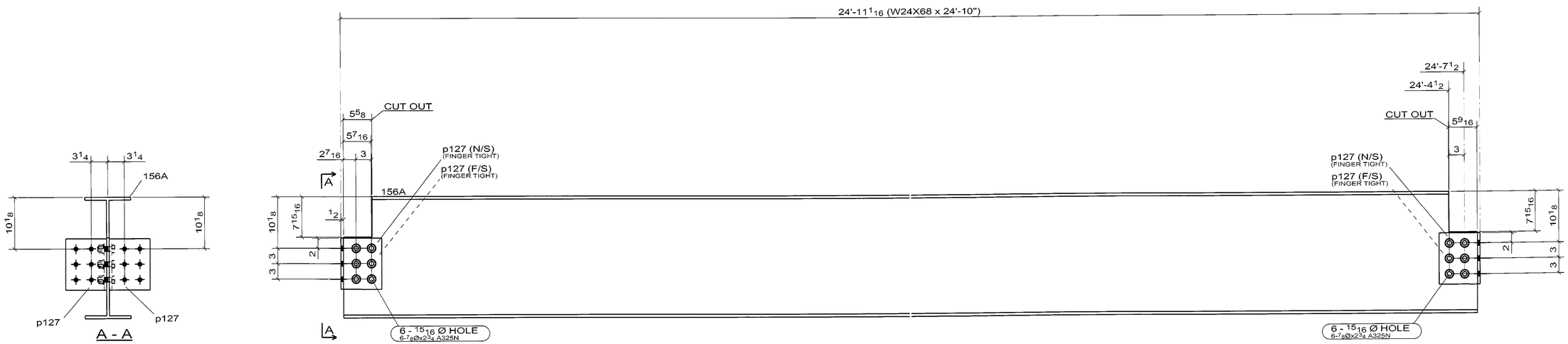
REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

RAINIER WELDING
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES
FOR SNOHOMISH COUNTY OFFICIAL
DRAWN DJ DATE 07/31/2006
CHK DSC DATE 09/10/2006
DWG NUMBER 2707 - 157A 0

PRO DRAFT INC. PO# 676 PH:(604)589-6425
DRAWINGS PREPARED ON 3D-Xstcl File Name :- A [157.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:45

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
4	156A			STRINGER		1786		
		4	156A	W24X68	24'-10"	1699	AASHTO M 270 GR. 50	
		16	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		48	b1	$\frac{7}{8}$"Ø A325 BOLT	0'-2$\frac{3}{4}$"			



☒ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT

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By A. F. Date 10/13/06

I.IN & ASSOCIATES, INC.

SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

4 - STRINGER -156A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

CONTRACTOR NOTE:
THIS DRAWING IS BEING SUBMITTED FOR APPROVAL AS REQUIRED. VERIFY OR SUPPLY ALL QUANTITIES, ALL DIMENSIONS, ALL INFORMATION, & ALL CONFIGURATIONS.

PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES: 15/16 Ø U/N
WELD: BRIDGE WELDING CODE: D1.5
STEEL: AS NOTED
BOLTS:
SURFACE PREP-SP:
PAINT: SEE SPECS
REF.DRAWING: E2, E3

REV	DATE	DESCRIPTION
0	SEP/10/06	FOR APPROVAL

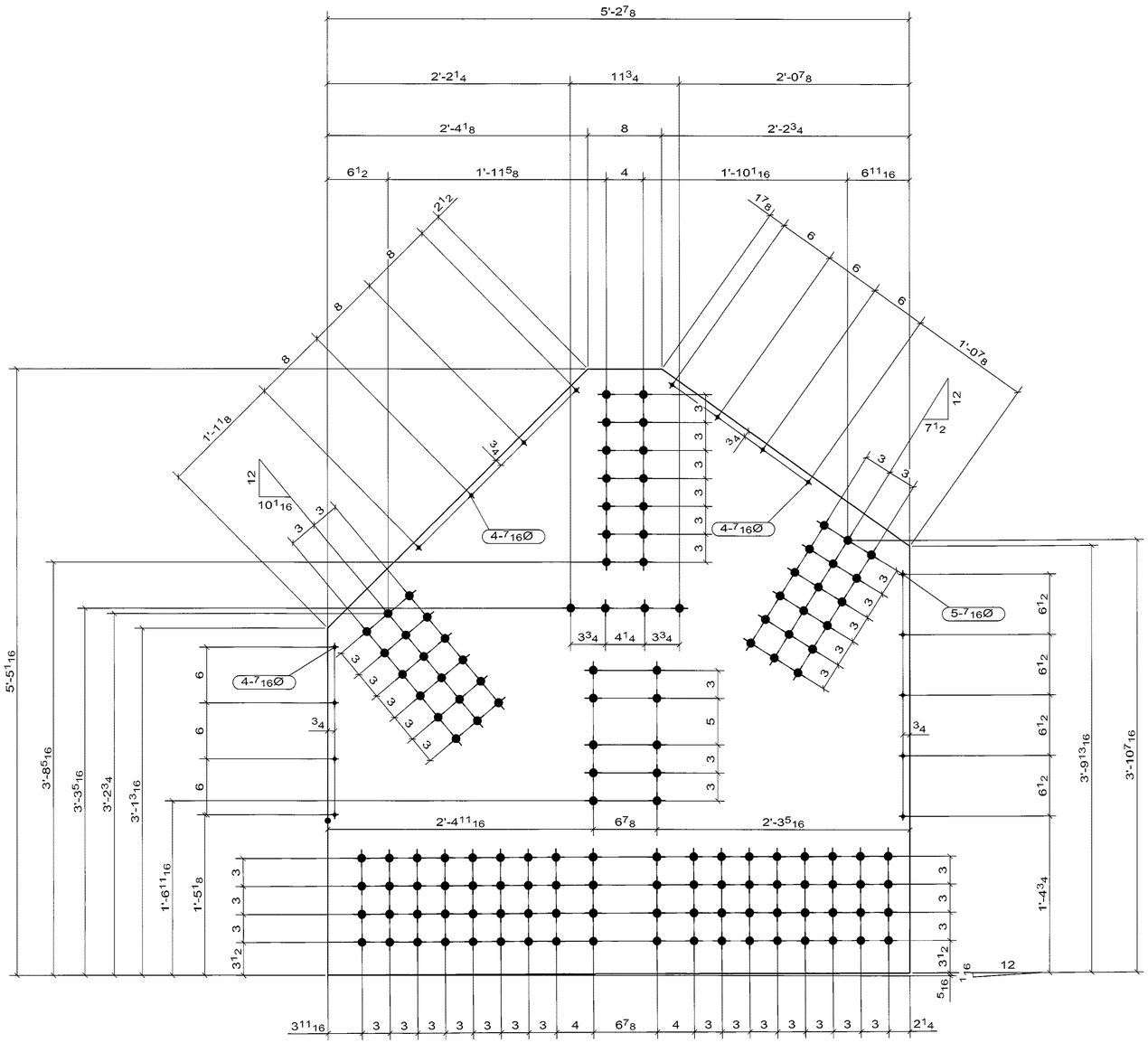
VS

RAINIER WELDING
19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES:
FOR: SNOHOMISH COUNTY OFFICIAL
DRAWN: DJ DATE 07/31/2006
CHK: DSC DATE 09/10/2006
DWG NUMBER: 2707 - 156A 0

PRO DRAFT INC. PO# 676 Ph:(504)569-6425
DRAWINGS PREPARED ON 3D-Xsad File Name :- A [156.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:43

No to SHIP	SHIP MARK	No. PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
4	129A			GUSSET_PL		1014		
		4	129A	PL7/8X62 7/8	5'-5 1/16"	1014	AASHTO M 270 GR. 50	FCM/V



COORDINATE WITH SC COVER PL
SHOP DWG'S

4 - GUSSET_PL -129A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

☐ CONFORMS TO DESIGN CONCEPT
☒ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT
THIS SHOP DRAWING HAS BEEN REVIEWED FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY AND DOES NOT RELIEVE THE FABRICATOR/VENDOR OF RESPONSIBILITY FOR CONFORMANCE WITH DESIGN DRAWINGS AND SPECIFICATIONS ALL OF WHICH HAVE PRIORITY OVER THIS SHOP DRAWING.
By A.F. Date 10/13/06

I.IN & ASSOCIATES, INC.

CONTRACTOR NOTE:
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PRINT RECORD			
NO.	USE	DATE	OPEN HOLES 15/16 Ø U/N
	APPR.		WELD BRIDGE WELDING CODE: D1.5
	APPR.		STEEL AS NOTED
	PURCH		BOLTS
	FAB		SURFACE PREP-SP
	FAB. OFFICE		PAINT SEE SPECS
	Q.A.		REF DRAWING E6, E7, E8, E9
	DIST.		
	ERECT.		

REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

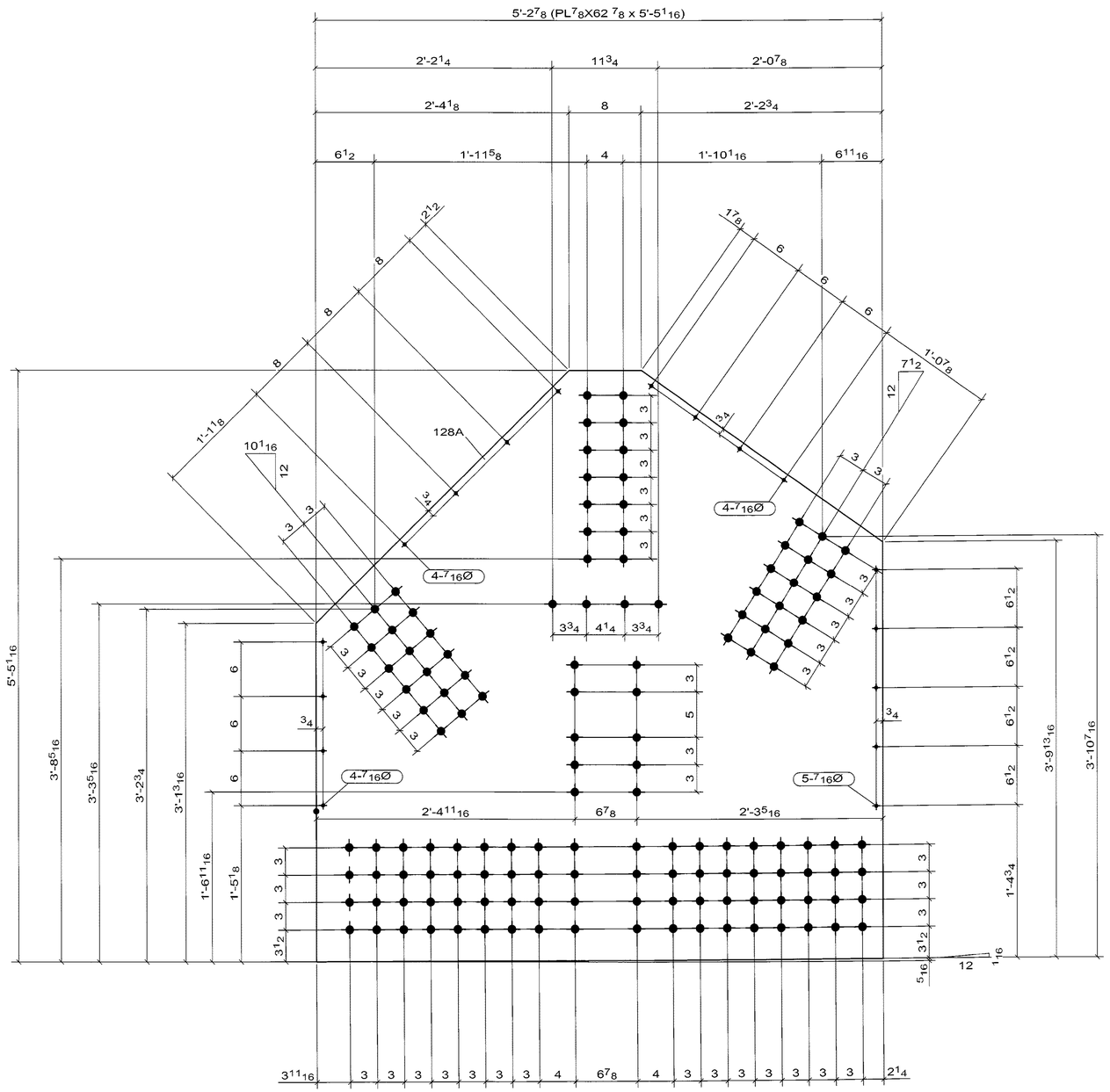
RAINIER WELDING

19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES:
FOR: SNOHOMISH COUNTY OFFICIAL
DRAWN: DJ DATE: 07/31/2006 CHK: DSC DATE: 09/10/2006 DWG NUMBER: 2707 - 129A △0

PRO DRAFT INC. PO# 676 PH:(604)589-6425
DRAWINGS PREPARED ON 3D-Xsteel File Name :- A [129.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:42

No to SHIP	SHIP MARK	No. PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
4	128A			GUSSET_PL		1014		
		4	128A	PL7/8X62 7/8	5'-5 1/16"	1014	AASHTO M 270 GR. 50	FCM/V



COORDINATE WITH S'S COVER PL SHOP DWG'S

4 - GUSSET_PL - 128A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

☐ CONFORMS TO DESIGN CONCEPT
☒ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT

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By A.F. Date 10/13/06

I.IN & ASSOCIATES, INC.

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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES 15/16 Ø U/N
WELD BRIDGE WELDING CODE: D1.5
STEEL AS NOTED
BOLTS
SURFACE PREP-SP
PAINT SEE SPECS
REF DRAWING E6, E7, E8, E9

REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

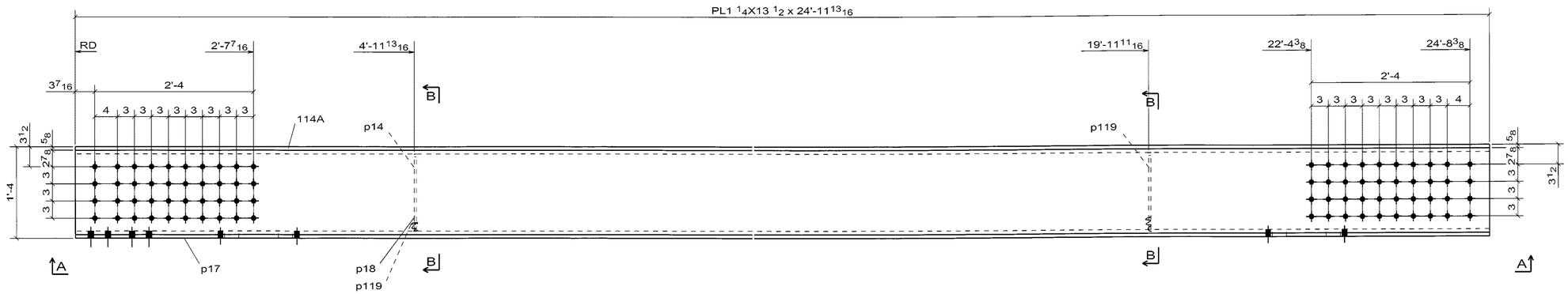
RAINIER WELDING

19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

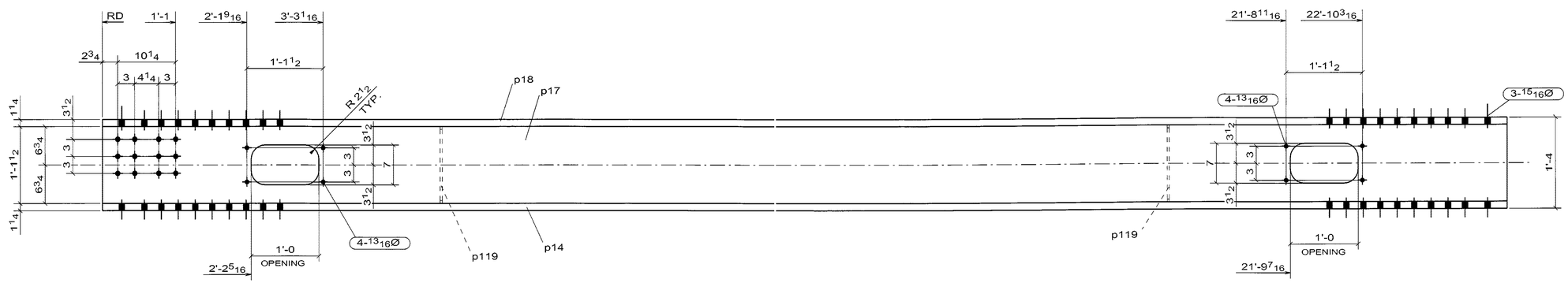
PROJECT TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES
FOR SNOHOMISH COUNTY OFFICIAL
DRAWN DJ CHK DSC DWG NUMBER
DATE 07/31/2006 DATE 09/10/2006 2707 - 128A △0

PRO DRAFT INC. PD# 676 PH:(604)589-6425
DRAWINGS PREPARED ON 3D-Xdecl File Name :- A [128.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:40

No to SHIP	SHIP MARK	No. PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
1	114A			BOX_BM		6001		
		1	114A	PL1 1/4X13 1/2	24'-11 13/16"	1438	AASHTO M 270 GR. 50	FCM/V
		1	p14	PL1 1/4X14 3/4	24'-11 13/16"	1571	AASHTO M 270 GR. 50	FCM/V
		1	p17	PL1 1/4X13 1/2	24'-11 13/16"	1382	AASHTO M 270 GR. 50	FCM/V
		1	p18	PL1 1/4X14 3/4	24'-11 13/16"	1571	AASHTO M 270 GR. 50	FCM/V
		2	p119	PL3/8X13 1/2	1'-1 1/2"	19	AASHTO M 270 GR. 50	

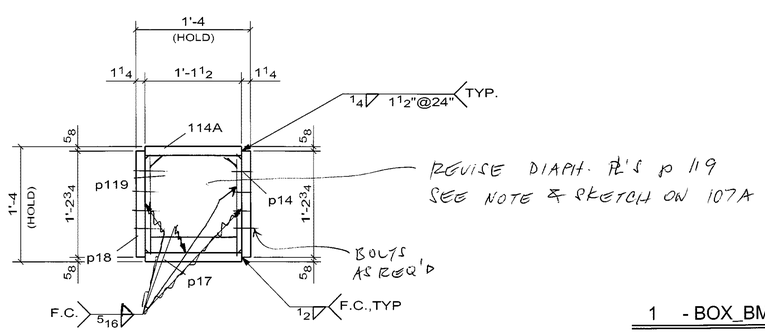


SIDE VIEW



(BOTTOM VIEW)

A - A



B - B

1 - BOX_BM - 114A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

ADD CAMBER RE S33 OR SHOW THAT IT HAS BEEN TAKEN INTO ACCOUNT

☐ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☒ NON-CONFORMING–REVISE & RESUBMIT

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By A.F. Date 10/13/06

I.IN & ASSOCIATES, INC.

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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES: 15/16 Ø U/N
WELD: BRIDGE WELDING CODE: D1.5
STEEL: AS NOTED
BOLTS:
SURFACE PREP: SP
PAINT: SEE SPECS
REF DRAWING: E3

REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

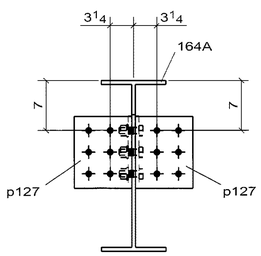
RAINIER WELDING

19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

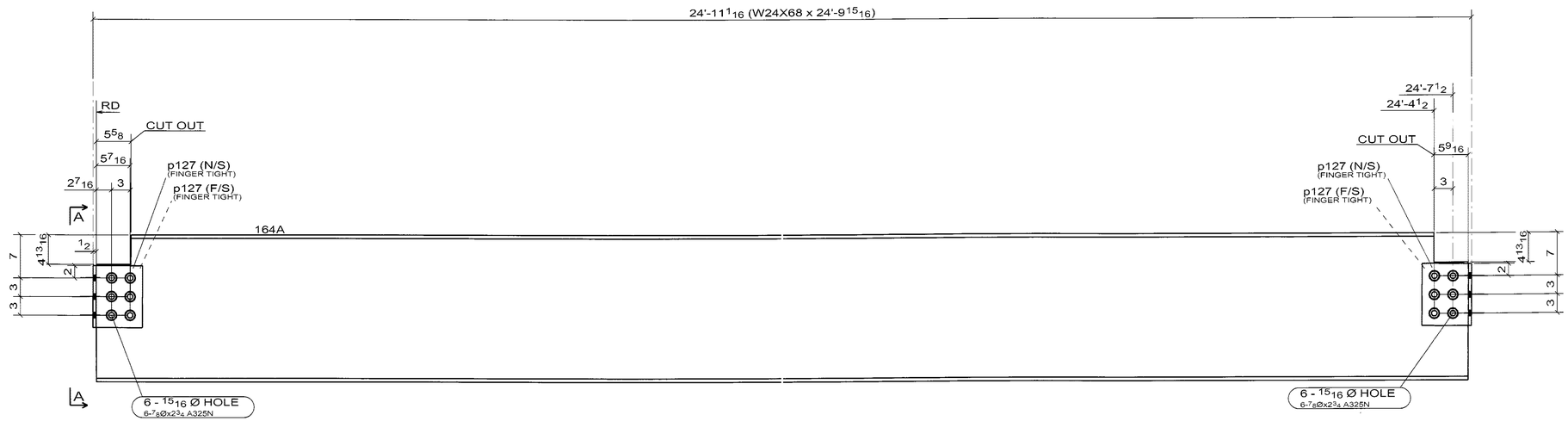
PROJECT: TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES:
FOR: SNOHOMISH COUNTY OFFICIAL
DRAWN: DJ DATE: 07/31/2006 CHK: DSC DATE: 09/10/2006 DWG NUMBER: 2707 - 114A △0

PRO DRAFT INC. PO# 676 PH (604)689-5425
DRAWINGS PREPARED ON 3D-Xsteel File Name :- A [114.A]
Model Name: T25_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:12:59

No to SHIP	SHIP MARK	No PIECES	PIECE MARK	DESCRIPTION	LENGTH	UNIT WT.	GRADE	REMARKS
8	164A			STRINGER		1786		
		8	164A	W24X68	24'-9 15/16"	1698	AASHTO M 270 GR. 50	
		32	p127	L8X8X1/2	0'-10"	22	AASHTO M 270 GR. 50	
		96	b1	$^{7}/_{8}$"Ø A325 BOLT	0'-2$^{3}/_{4}$"			



A - A



SHOP NOTE:

- SEE 2SK FOR WELDED STUD DETAIL.

8 - STRINGER -164A

WELD NOTE FOR ANY ASSEMBLY REQUIRING TACK WELDS:
- ALL TACK WELDS ARE TO BE MADE IN THE WELD JOINT ONLY

☒ CONFORMS TO DESIGN CONCEPT
☐ CONFORMS TO DESIGN CONCEPT WITH REVISIONS AS SHOWN
☐ NON-CONFORMING–REVISE & RESUBMIT

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By A.F. Date 10/13/06

LIN & ASSOCIATES, INC.

CONTRACTOR NOTE:
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PRINT RECORD

NO.	USE	DATE
	APPR.	
	APPR.	
	PURCH	
	FAB	
	FAB. OFFICE	
	Q.A.	
	DIST.	
	ERECT.	

OPEN HOLES 15/16 Ø U/N
WELD BRIDGE WELDING CODE: D1.5
STEEL AS NOTED
BOLTS
SURFACE PREP-SP
PAINT SEE SPECS
REF DRAWING E2, E3

REV	DATE	DESCRIPTION	VS
0	SEP/10/06	FOR APPROVAL	

RAINIER WELDING

19020 NE 84TH STREET - REDMOND, WA 98053
(425) 868-1300 FAX (425) 868-8872
STEEL AND ALUMINUM FABRICATING

PROJECT TOLT BRIDGE No 1834A
THIS DRAWING INCLUDES
FOR SNOHOMISH COUNTY OFFICIAL
DRAWN DJ DATE 07/31/2006
CHK DSC DATE 09/10/2006
DWG NUMBER 2707 - 164A 0

PRO DRAFT INC. PD# 676 PH:(604)589-6425
DRAWINGS PREPARED ON 3D-X.scc File Name :- A [164.A]
Model Name: 725_102_TOLT_BRIDGE_541
Plot Date: 09/10/2006 12:16:55